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

Order ID : Q2818

Project ID : Reserve Turgyan Farms

Client : Earth Engineering Inc.

Lab Sample Number	Client Sample Number
Q2818-01	B-2-5-1
Q2818-02	B-3-5-2
Q2818-04	B-2-5-1
Q2818-05	B-3-5-2

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: 8/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2818**

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

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **08/19/2025**

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LAB CHRONICLE

OrderID:	Q2818	**OrderDate:**	8/11/2025 11:57:00 AM
Client:	Earth Engineering Inc.	**Project:**	Reserve Turgyan Farms
Contact:	Frank Dougherty, LSRP	**Location:**	J21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2818-01	**B-2-5-1**	**SOIL**			**08/11/25**			**08/11/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/12/25	
Q2818-02	**B-3-5-2**	**SOIL**			**08/11/25**			**08/11/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2818

Client: Earth Engineering Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : B-2-5-1									
Q2818-01	B-2-5-1	SOIL	Bis(2-ethylhexyl)phthalate		150.000	J	67.6	190	ug/Kg
			Total Svoc :		**150.00**				
Q2818-01	B-2-5-1	SOIL	Butane, 2-methoxy-2-methyl-	*	770.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Cholestan-3-one, (5.beta.)-	*	1,100.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Cholestane, 3-ethoxy-, (3.beta.,5.	*	2,000.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Cholesterol	*	2,500.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Cyclotrisiloxane, hexamethyl-	*	1,300.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Dehydroabietic acid	*	430.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Eicosane, 9-cyclohexyl-	*	230.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Epicholestanol	*	950.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Heptadecanoic acid	*	510.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	n-Decanoic acid	*	230.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	n-Hexadecanoic acid	*	2,700.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Octadecanoic acid	*	2,200.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Oxime-, methoxy-phenyl-_	*	2,200.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	Squalene	*	950.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	trans-13-Octadecenoic acid	*	670.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	trans-2-Phenyl-1-cyclopropanecar	*	390.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	unknown29.277	*	1,000.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	.gamma.-Sitosterol	*	1,300.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	5.beta.-Cholestan-3.alpha.-ol, 2-m	*	6,300.000	J	0	0	ug/Kg
Q2818-01	B-2-5-1	SOIL	5-Eicosene, (E)-	*	250.000	J	0	0	ug/Kg
			Total Tics :		**27,980.00**				
			Total Concentration:		**28,130.00**				
Client ID : B-3-5-2									
Q2818-02	B-3-5-2	SOIL	Bis(2-ethylhexyl)phthalate		150.000	J	66.2	190	ug/Kg
			Total Svoc :		**150.00**				
Q2818-02	B-3-5-2	SOIL	Butane, 2-methoxy-2-methyl-	*	990.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Cholestane, 3-ethoxy-, (3.beta.,5.	*	2,600.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Cholestanol	*	1,200.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Cholesterol	*	1,900.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Dehydroabietic acid	*	260.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Heptadecanoic acid	*	340.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	n-Hexadecanoic acid	*	2,300.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Octadecanoic acid	*	1,800.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Oxime-, methoxy-phenyl-_	*	1,300.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Silanediol, dimethyl-	*	230.000	J	0	0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2818

Client: Earth Engineering Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2818-02	B-3-5-2	SOIL	Squalene	*	1,200.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	.gamma.-Sitosterol	*	450.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	1,4-Epoxynaphthalene, 1,4-dihydr	*	400.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	2- Chloropropionic acid, octadecy	*	410.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	AB	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	230.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	5.beta.-Cholestan-3.alpha.-ol, 2-m	*	7,500.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	9-Octadecenoic acid	*	820.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Arsenous acid, tris(trimethylsilyl	*	750.000	J	0	0	ug/Kg
Q2818-02	B-3-5-2	SOIL	Benzophenone	*	260.000	J	0	0	ug/Kg
			Total Tics :		**25,160.00**				
			Total Concentration:		**25,310.00**				

QC SUMMARY

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

SW-846

SDG No.: Q2818

Client: Earth Engineering Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169210BL	PB169210BL	2-Fluorophenol	150	124	82		18	112
		Phenol-d6	150	109	73		15	107
		Nitrobenzene-d5	100	86.3	86		18	107
		2-Fluorobiphenyl	100	82.2	82		20	109
		2,4,6-Tribromophenol	150	156	104		10	116
		Terphenyl-d14	100	79.4	79		10	105
PB169210BS	PB169210BS	2-Fluorophenol	150	136	91		18	112
		Phenol-d6	150	138	92		15	107
		Nitrobenzene-d5	100	79.6	80		18	107
		2-Fluorobiphenyl	100	79.7	80		20	109
		2,4,6-Tribromophenol	150	138	92		10	116
		Terphenyl-d14	100	83.1	83		10	105
Q2818-01	B-2-5-1	2-Fluorophenol	150	60.5	40		18	112
		Phenol-d6	150	57.1	38		15	107
		Nitrobenzene-d5	100	42.0	42		18	107
		2-Fluorobiphenyl	100	41.9	42		20	109
		2,4,6-Tribromophenol	150	80.0	53		10	116
		Terphenyl-d14	100	39.6	40		10	105
Q2818-02	B-3-5-2	2-Fluorophenol	150	82.8	55		18	112
		Phenol-d6	150	76.9	51		15	107
		Nitrobenzene-d5	100	56.6	57		18	107
		2-Fluorobiphenyl	100	54.6	55		20	109
		2,4,6-Tribromophenol	150	109	72		10	116
		Terphenyl-d14	100	54.3	54		10	105
Q2830-05MS	BIN0009-DRIVEWAY-TP-WESTSID	2-Fluorophenol	150	95.7	64		18	112
		Phenol-d6	150	95.4	64		15	107
		Nitrobenzene-d5	100	75.4	75		18	107
		2-Fluorobiphenyl	100	68.9	69		20	109
		2,4,6-Tribromophenol	150	121	81		10	116
		Terphenyl-d14	100	58.4	58		10	105
Q2830-05MSD	BIN0009-DRIVEWAY-TP-WESTSID	2-Fluorophenol	150	97.8	65		18	112
		Phenol-d6	150	101	67		15	107
		Nitrobenzene-d5	100	77.3	77		18	107
		2-Fluorobiphenyl	100	65.9	66		20	109
		2,4,6-Tribromophenol	150	142	95		10	116
		Terphenyl-d14	100	77.5	78		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2818 **Analytical Method:** SW8270E

Client: Earth Engineering Inc. **DataFile:** BF143367.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2830-05MS		**Client Sample ID: BIN0009-DRIVEWAY-TP-WESTSIDE**									
Benzaldehyde	1200	0	820	ug/Kg	68				10	171	
Phenol	1200	0	1000	ug/Kg	83				51	122	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				54	125	
2-Chlorophenol	1200	0	1100	ug/Kg	92				51	121	
2-Methylphenol	1200	0	1100	ug/Kg	92				47	125	
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92				46	119	
Acetophenone	1200	0	1100	ug/Kg	92				55	128	
3+4-Methylphenols	1200	0	1000	ug/Kg	83				49	125	
N-Nitroso-di-n-propylamine	1200	0	1100	ug/Kg	92				59	119	
Hexachloroethane	1200	0	1200	ug/Kg	100				51	116	
Nitrobenzene	1200	0	1100	ug/Kg	92				47	124	
Isophorone	1200	0	1100	ug/Kg	92				49	127	
2-Nitrophenol	1200	0	1400	ug/Kg	117				43	131	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				63	151	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				51	119	
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100				50	122	
Naphthalene	1200	0	1100	ug/Kg	92				51	121	
4-Chloroaniline	1200	0	600	ug/Kg	50				10	100	
Hexachlorobutadiene	1200	0	1200	ug/Kg	100				44	126	
Caprolactam	1200	0	1200	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92				57	132	
2-Methylnaphthalene	1200	0	1000	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	2500	0	2800	ug/Kg	112				10	175	
2,4,6-Trichlorophenol	1200	0	1300	ug/Kg	108				33	141	
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100				38	135	
1,1-Biphenyl	1200	0	1100	ug/Kg	92				55	131	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				48	124	
2-Nitroaniline	1200	0	1200	ug/Kg	100				47	134	
Dimethylphthalate	1200	0	1200	ug/Kg	100				54	120	
Acenaphthylene	1200	0	1200	ug/Kg	100				57	125	
2,6-Dinitrotoluene	1200	0	1300	ug/Kg	108				48	127	
3-Nitroaniline	1200	0	820	ug/Kg	68				10	112	
Acenaphthene	1200	0	1200	ug/Kg	100				70	121	
2,4-Dinitrophenol	2500	0	2300	ug/Kg	92				10	155	
4-Nitrophenol	2500	0	1900	ug/Kg	76				10	175	
Dibenzofuran	1200	0	1100	ug/Kg	92				52	114	
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108				41	140	
Diethylphthalate	1200	0	1200	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				48	122	
Fluorene	1200	0	1100	ug/Kg	92				53	118	
4-Nitroaniline	1200	0	1200	ug/Kg	100				29	140	
4,6-Dinitro-2-methylphenol	1200	0	1500	ug/Kg	125				10	160	
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100				65	121	
Hexachlorobenzene	1200	0	1200	ug/Kg	100				67	118	
Atrazine	1200	0	1400	ug/Kg	117				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2818 **Analytical Method:** SW8270E

Client: Earth Engineering Inc. **DataFile:** BF143367.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2500	0	2300	ug/Kg	92				13	153	
Phenanthrene	1200	0	1100	ug/Kg	92				52	128	
Anthracene	1200	0	1100	ug/Kg	92				62	124	
Carbazole	1200	0	1100	ug/Kg	92				59	119	
Di-n-butylphthalate	1200	0	1600	ug/Kg	133	*			55	125	
Fluoranthene	1200	0	1200	ug/Kg	100				44	125	
Pyrene	1200	0	870	ug/Kg	73				37	122	
Butylbenzylphthalate	1200	0	1800	ug/Kg	150	*			44	135	
3,3-Dichlorobenzidine	1200	0	960	ug/Kg	80				15	112	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				53	119	
Chrysene	1200	0	1100	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1200	120	1800	ug/Kg	140				42	169	
Di-n-octyl phthalate	1200	0	1600	ug/Kg	133				51	156	
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100				52	117	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				57	134	
Benzo(a)pyrene	1200	0	1200	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92				40	129	
Dibenz(a,h)anthracene	1200	0	1100	ug/Kg	92				43	123	
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92				24	125	
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92				52	134	
1,4-Dioxane	1200	0	980	ug/Kg	82				46	112	
2,3,4,6-Tetrachlorophenol	1200	0	1400	ug/Kg	117				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2818 **Analytical Method:** SW8270E

Client: Earth Engineering Inc. **DataFile:** BF143368.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2830-05MSD		**Client Sample ID: BIN0009-DRIVEWAY-TP-WESTSIDE**									
Benzaldehyde	1200	0	870	ug/Kg	73		7		10	171	20
Phenol	1200	0	1100	ug/Kg	92		10		51	122	20
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		54	125	20
2-Chlorophenol	1200	0	1200	ug/Kg	100		8		51	121	20
2-Methylphenol	1200	0	1200	ug/Kg	100		8		47	125	20
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		46	119	20
Acetophenone	1200	0	1100	ug/Kg	92		0		55	128	20
3+4-Methylphenols	1200	0	1100	ug/Kg	92		10		49	125	20
N-Nitroso-di-n-propylamine	1200	0	1100	ug/Kg	92		0		59	119	20
Hexachloroethane	1200	0	1200	ug/Kg	100		0		51	116	20
Nitrobenzene	1200	0	1200	ug/Kg	100		8		47	124	20
Isophorone	1200	0	1200	ug/Kg	100		8		49	127	20
2-Nitrophenol	1200	0	1400	ug/Kg	117		0		43	131	20
2,4-Dimethylphenol	1200	0	1300	ug/Kg	108		8		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1200	ug/Kg	100		8		51	119	20
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100		0		50	122	20
Naphthalene	1200	0	1100	ug/Kg	92		0		51	121	20
4-Chloroaniline	1200	0	550	ug/Kg	46		8		10	100	20
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		8		44	126	20
Caprolactam	1200	0	1500	ug/Kg	125		22	*	51	134	20
4-Chloro-3-methylphenol	1200	0	1300	ug/Kg	108		16		57	132	20
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		0		59	123	20
Hexachlorocyclopentadiene	2500	0	2700	ug/Kg	108		4		10	175	20
2,4,6-Trichlorophenol	1200	0	1300	ug/Kg	108		0		33	141	20
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100		0		38	135	20
1,1-Biphenyl	1200	0	1100	ug/Kg	92		0		55	131	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		48	124	20
2-Nitroaniline	1200	0	1300	ug/Kg	108		8		47	134	20
Dimethylphthalate	1200	0	1300	ug/Kg	108		8		54	120	20
Acenaphthylene	1200	0	1200	ug/Kg	100		0		57	125	20
2,6-Dinitrotoluene	1200	0	1500	ug/Kg	125		15		48	127	20
3-Nitroaniline	1200	0	990	ug/Kg	83		20		10	112	20
Acenaphthene	1200	0	1200	ug/Kg	100		0		70	121	20
2,4-Dinitrophenol	2500	0	2700	ug/Kg	108		16		10	155	20
4-Nitrophenol	2500	0	2400	ug/Kg	96		23	*	10	175	20
Dibenzofuran	1200	0	1100	ug/Kg	92		0		52	114	20
2,4-Dinitrotoluene	1200	0	1500	ug/Kg	125		15		41	140	20
Diethylphthalate	1200	0	1400	ug/Kg	117		16		51	119	20
4-Chlorophenyl-phenylether	1200	0	1200	ug/Kg	100		8		48	122	20
Fluorene	1200	0	1100	ug/Kg	92		0		53	118	20
4-Nitroaniline	1200	0	1500	ug/Kg	125		22	*	29	140	20
4,6-Dinitro-2-methylphenol	1200	0	1600	ug/Kg	133		6		10	160	20
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92		8		73	118	20
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1200	0	1100	ug/Kg	92		8		67	118	20
Atrazine	1200	0	1400	ug/Kg	117		0		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2818 **Analytical Method:** SW8270E

Client: Earth Engineering Inc. **DataFile:** BF143368.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2500	0	2500	ug/Kg	100		8		13	153	20
Phenanthrene	1200	0	1100	ug/Kg	92		0		52	128	20
Anthracene	1200	0	1100	ug/Kg	92		0		62	124	20
Carbazole	1200	0	1100	ug/Kg	92		0		59	119	20
Di-n-butylphthalate	1200	0	1700	ug/Kg	142	*	7		55	125	20
Fluoranthene	1200	0	1300	ug/Kg	108		8		44	125	20
Pyrene	1200	0	1200	ug/Kg	100		31	*	37	122	20
Butylbenzylphthalate	1200	0	2300	ug/Kg	192	*	25	*	44	135	20
3,3-Dichlorobenzidine	1200	0	860	ug/Kg	72		11		15	112	20
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		53	119	20
Chrysene	1200	0	1200	ug/Kg	100		8		57	121	20
bis(2-Ethylhexyl)phthalate	1200	120	2000	ug/Kg	157		11		42	169	20
Di-n-octyl phthalate	1200	0	1400	ug/Kg	117		13		51	156	20
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100		0		52	117	20
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108		16		57	134	20
Benzo(a)pyrene	1200	0	1200	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92		0		40	129	20
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100		8		43	123	20
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		0		52	134	20
1,4-Dioxane	1200	0	980	ug/Kg	82		0		46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	1600	ug/Kg	133		13		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2818 **Analytical Method:** 8270E

Client: Earth Engineering Inc. **DataFile:** BP025402.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169210BS	Benzaldehyde	1700	1000	ug/Kg	59				10	133	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	2-Methylphenol	1700	1700	ug/Kg	100				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	1400	ug/Kg	82				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1500	ug/Kg	88				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				37	128	
	4-Nitrophenol	3300	3500	ug/Kg	106				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2818 **Analytical Method:** 8270E

Client: Earth Engineering Inc. **DataFile:** BP025402.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169210BS	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1600	ug/Kg	94				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169210BL

Lab Name: Alliance | Contract: EARTH03

Lab Code: ACE | SDG NO.: Q2818

Lab File ID: BP025378.D | Lab Sample ID: PB169210BL

Instrument ID: BNA_P | Date Extracted: 08/12/2025

Matrix: (soil/water) SOIL | Date Analyzed: 08/13/2025

Level: (low/med) LOW | Time Analyzed: 10:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169210BS	PB169210BS	BP025402.D	08/14/2025
BIN0009-DRIVEWAY-TP-WESTSIDEMS	Q2830-05MS	BF143367.D	08/13/2025
BIN0009-DRIVEWAY-TP-WESTSIDEMSD	Q2830-05MSD	BF143368.D	08/13/2025
B-2-5-1	Q2818-01	BP025371.D	08/12/2025
B-3-5-2	Q2818-02	BP025372.D	08/12/2025

COMMENTS:

Raw Data: **BF143342.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG NO.: Q2818

Lab File ID: BF143342.D DFTPP Injection Date: 08/12/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
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	5.5
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (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
SSTDICC2.5	SSTDICC2.5	BF143343.D	08/12/2025	09:03
SSTDICC005	SSTDICC005	BF143344.D	08/12/2025	09:34
SSTDICC010	SSTDICC010	BF143345.D	08/12/2025	10:04
SSTDICC020	SSTDICC020	BF143346.D	08/12/2025	10:35
SSTDICCC040	SSTDICCC040	BF143347.D	08/12/2025	11:06
SSTDICC050	SSTDICC050	BF143348.D	08/12/2025	11:37
SSTDICC060	SSTDICC060	BF143349.D	08/12/2025	12:07
SSTDICC080	SSTDICC080	BF143350.D	08/12/2025	12:38

Raw Data: **BF143364.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG NO.: Q2818

Lab File ID: BF143364.D DFTPP Injection Date: 08/13/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143365.D	08/13/2025	10:00
BIN0009-DRIVEWAY-TP-WESTSIDEMS	Q2830-05MS	BF143367.D	08/13/2025	11:12
BIN0009-DRIVEWAY-TP-WESTSIDEMSD	Q2830-05MSD	BF143368.D	08/13/2025	11:42

Raw Data: **BP025297.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG NO.: Q2818

Lab File ID: BP025297.D DFTPP Injection Date: 08/05/2025

Instrument ID: BNA_P DFTPP Injection Time: 11:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	34.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	87.3
443	15.0 - 24.0% of mass 442	17.1 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025298.D	08/05/2025	12:03
SSTDICC005	SSTDICC005	BP025299.D	08/05/2025	12:44
SSTDICC010	SSTDICC010	BP025300.D	08/05/2025	13:25
SSTDICC020	SSTDICC020	BP025301.D	08/05/2025	14:06
SSTDICCC040	SSTDICCC040	BP025302.D	08/05/2025	14:47
SSTDICC050	SSTDICC050	BP025303.D	08/05/2025	15:28
SSTDICC060	SSTDICC060	BP025304.D	08/05/2025	16:10
SSTDICC080	SSTDICC080	BP025305.D	08/05/2025	16:51

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG NO.: Q2818

Lab File ID: BP025359.D DFTPP Injection Date: 08/12/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	97.1
443	15.0 - 24.0% of mass 442	19.1 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025360.D	08/12/2025	10:07
B-2-5-1	Q2818-01	BP025371.D	08/12/2025	18:00
B-3-5-2	Q2818-02	BP025372.D	08/12/2025	18:42

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG NO.: Q2818

Lab File ID: BP025376.D DFTPP Injection Date: 08/13/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
365	Greater than 1% of mass 198	3.6
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	19.5 (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	BP025377.D	08/13/2025	09:51
PB169210BL	PB169210BL	BP025378.D	08/13/2025	10:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: EARTH03

Lab Code: ACE — SDG NO.: Q2818

Lab File ID: BP025390.D — DFTPP Injection Date: 08/14/2025

Instrument ID: BNA_P — DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24
PB169210BS	PB169210BS	BP025402.D	08/14/2025	20:10

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2818

Client ID : SSTDCCC040 Date Analyzed: 08/13/2025

Lab File ID: BF143365.D Time Analyzed: 10:00

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	155874	6.934	589243	8.21	314886	9.96
	UPPER LIMIT	311748	7.434	1178490	8.71	629772	10.463
	LOWER LIMIT	77937	6.434	294622	7.71	157443	9.463
	EPA SAMPLE NO.						
01	BIN0009-DRIVEWAY-TP-WESTSIDEMS	137804	6.93	517024	8.21	272568	9.96
02	BIN0009-DRIVEWAY-TP-WESTSIDEMS	182122	6.93	707644	8.21	400799	9.97

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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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2818

Client ID: SSTDCCC040 Date Analyzed: 08/13/2025

Lab File ID: BF143365.D Time Analyzed: 10:00

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	455320	11.451	268507	14.092	321267	15.58
	UPPER LIMIT	910640	11.951	537014	14.592	642534	16.08
	LOWER LIMIT	227660	10.951	134254	13.592	160634	15.08
	EPA SAMPLE NO.						
01	BIN0009-DRIVEWAY-TP-WESTSII	391965	11.45	309493	14.09	383464	15.58
02	BIN0009-DRIVEWAY-TP-WESTSII	660496	11.45	401162	14.09	380758	15.58

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

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

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

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2818

Client ID : SSTDCCC040 Date Analyzed: 08/12/2025

Lab File ID: BP025360.D Time Analyzed: 10:07

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	195999	7.796	806810	10.58	510213	14.43
	UPPER LIMIT	391998	8.296	1613620	11.078	1020430	14.931
	LOWER LIMIT	97999.5	7.296	403405	10.078	255107	13.931
	EPA SAMPLE NO.						
01	B-2-5-1	233793	7.80	927693	10.57	559882	14.42
02	B-3-5-2	234324	7.80	947209	10.57	581002	14.43

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2818

Client ID: SSTDCCC040 Date Analyzed: 08/12/2025

Lab File ID: BP025360.D Time Analyzed: 10:07

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	980228	17.225	1004810	21.672	1173450	25.065
	UPPER LIMIT	1960460	17.725	2009620	22.172	2346900	25.565
	LOWER LIMIT	490114	16.725	502405	21.172	586725	24.565
	EPA SAMPLE NO.						
01	B-2-5-1	1060110	17.23	1063640	21.67	1259860	25.07
02	B-3-5-2	1109320	17.23	1089870	21.67	1282540	25.07

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2818

Client ID : SSTDCCC040 Date Analyzed: 08/13/2025

Lab File ID: BP025377.D Time Analyzed: 09:51

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	162911	7.802	673350	10.57	416841	14.43
	UPPER LIMIT	325822	8.302	1346700	11.072	833682	14.925
	LOWER LIMIT	81455.5	7.302	336675	10.072	208421	13.925
	EPA SAMPLE NO.						
01	PB169210BL	188983	7.80	717580	10.57	426281	14.41

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2818

Client ID: SSTDCCC040 Date Analyzed: 08/13/2025

Lab File ID: BP025377.D Time Analyzed: 09:51

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	836446	17.225	867026	21.666	1047430	25.065
	UPPER LIMIT	1672890	17.725	1734050	22.166	2094860	25.565
	LOWER LIMIT	418223	16.725	433513	21.166	523715	24.565
	EPA SAMPLE NO.						
01	PB169210BL	848111	17.21	1035400	21.67	1197800	25.07

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2818

Client ID : SSTDICCC040 Date Analyzed: 08/14/2025

Lab File ID: BP025396.D Time Analyzed: 15:19

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	157704	7.796	663553	10.56	441110	14.41
	UPPER LIMIT	315408	8.296	1327110	11.06	882220	14.907
	LOWER LIMIT	78852	7.296	331777	10.06	220555	13.907
	EPA SAMPLE NO.						
01	PB169210BS	156059	7.79	650560	10.56	435539	14.41

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2818

Client ID: SSTDICCC040 Date Analyzed: 08/14/2025

Lab File ID: BP025396.D Time Analyzed: 15:19

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	884529	17.201	899207	21.648	1022140	25.03
	UPPER LIMIT	1769060	17.701	1798410	22.148	2044280	25.53
	LOWER LIMIT	442265	16.701	449604	21.148	511070	24.53
	EPA SAMPLE NO.						
01	PB169210BS	895607	17.20	937531	21.65	1016820	25.02

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

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

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

SAMPLE DATA

Raw Data: **BP025371.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-2-5-1	SDG No.:	Q2818
Lab Sample ID:	Q2818-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
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
BP025371.D	1	08/12/25 09:15	08/12/25 18:00	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	380	ug/Kg
108-95-2	Phenol	25.2	U	25.2	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.7	U	27.7	190	ug/Kg
95-57-8	2-Chlorophenol	27.8	U	27.8	190	ug/Kg
95-48-7	2-Methylphenol	34.1	U	34.1	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42.8	U	42.8	190	ug/Kg
98-86-2	Acetophenone	33.7	U	33.7	190	ug/Kg
65794-96-9	3+4-Methylphenols	46.9	U	46.9	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.1	U	54.1	91.3	ug/Kg
67-72-1	Hexachloroethane	20.1	U	20.1	190	ug/Kg
98-95-3	Nitrobenzene	20.9	U	20.9	190	ug/Kg
78-59-1	Isophorone	37.4	U	37.4	190	ug/Kg
88-75-5	2-Nitrophenol	66.4	U	66.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	74.0	U	74.0	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	35.2	U	35.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	32.3	U	32.3	190	ug/Kg
91-20-3	Naphthalene	25.9	U	25.9	190	ug/Kg
106-47-8	4-Chloroaniline	40.4	U	40.4	190	ug/Kg
87-68-3	Hexachlorobutadiene	28.9	U	28.9	190	ug/Kg
105-60-2	Caprolactam	59.5	U	59.5	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32.8	U	32.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	29.2	U	29.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.6	U	22.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33.2	UQ	33.2	190	ug/Kg
92-52-4	1,1-Biphenyl	24.9	U	24.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	25.7	U	25.7	190	ug/Kg
88-74-4	2-Nitroaniline	54.9	U	54.9	190	ug/Kg
131-11-3	Dimethylphthalate	30.9	U	30.9	190	ug/Kg

Raw Data: **BP025371.D**

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-2-5-1	SDG No.:	Q2818
Lab Sample ID:	Q2818-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
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
BP025371.D	1	08/12/25 09:15	08/12/25 18:00	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	33.0	U	33.0	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	38.3	U	38.3	190	ug/Kg
99-09-2	3-Nitroaniline	52.5	U	52.5	190	ug/Kg
83-32-9	Acenaphthene	24.3	U	24.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	380	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	380	ug/Kg
132-64-9	Dibenzofuran	25.9	U	25.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.2	U	57.2	190	ug/Kg
84-66-2	Diethylphthalate	32.3	U	32.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30.5	U	30.5	190	ug/Kg
86-73-7	Fluorene	28.9	U	28.9	190	ug/Kg
100-01-6	4-Nitroaniline	73.3	U	73.3	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	37.5	U	37.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31.7	U	31.7	190	ug/Kg
118-74-1	Hexachlorobenzene	28.9	U	28.9	190	ug/Kg
1912-24-9	Atrazine	38.8	U	38.8	190	ug/Kg
87-86-5	Pentachlorophenol	58.6	U	58.6	380	ug/Kg
85-01-8	Phenanthrene	23.9	U	23.9	190	ug/Kg
120-12-7	Anthracene	38.0	U	38.0	190	ug/Kg
86-74-8	Carbazole	35.6	U	35.6	190	ug/Kg
84-74-2	Di-n-butylphthalate	54.7	U	54.7	190	ug/Kg
206-44-0	Fluoranthene	34.2	U	34.2	190	ug/Kg
129-00-0	Pyrene	41.1	U	41.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	81.5	U	81.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41.9	U	41.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	26.3	U	26.3	190	ug/Kg
218-01-9	Chrysene	22.7	U	22.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	67.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	99.1	U	99.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.7	U	21.7	190	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-2-5-1	SDG No.:	Q2818
Lab Sample ID:	Q2818-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
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
BP025371.D	1	08/12/25 09:15	08/12/25 18:00	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	25.6	U	25.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	33.7	U	33.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33.2	U	33.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.3	U	31.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29.3	U	29.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29.2	U	29.2	190	ug/Kg
123-91-1	1,4-Dioxane	51.6	U	51.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31.3	U	31.3	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	60.5		18 - 112	40%	SPK: 150
13127-88-3	Phenol-d6	57.1		15 - 107	38%	SPK: 150
4165-60-0	Nitrobenzene-d5	42.0		18 - 107	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	41.9		20 - 109	42%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.0		10 - 116	53%	SPK: 150
1718-51-0	Terphenyl-d14	39.6		10 - 105	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	234000	7.802			
1146-65-2	Naphthalene-d8	928000	10.572			
15067-26-2	Acenaphthene-d10	560000	14.419			
1517-22-2	Phenanthrene-d10	1060000	17.225			
1719-03-5	Chrysene-d12	1060000	21.672			
1520-96-3	Perylene-d12	1260000	25.065			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	770	J		3.05	ug/Kg
1000222-86-6	Oxime-, methoxy-phenyl-	2200	J		5.54	ug/Kg
000541-05-9	Cyclotrisiloxane, hexamethyl-	1300	J		8.22	ug/Kg
000939-90-2	trans-2-Phenyl-1-cyclopropanecarbo	390	J		14.0	ug/Kg
000057-10-3	n-Hexadecanoic acid	2700	J		18.2	ug/Kg
000506-12-7	Heptadecanoic acid	510	J		18.6	ug/Kg
004443-61-2	Eicosane, 9-cyclohexyl-	230	J		18.7	ug/Kg

Raw Data: **BP025371.D**

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-2-5-1	SDG No.:	Q2818
Lab Sample ID:	Q2818-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
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
BP025371.D	1	08/12/25 09:15	08/12/25 18:00	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000693-71-0	trans-13-Octadecenoic acid	670	J		19.4	ug/Kg
000057-11-4	Octadecanoic acid	2200	J		19.5	ug/Kg
000334-48-5	n-Decanoic acid	230	J		20.6	ug/Kg
001740-19-8	Dehydroabietic acid	430	J		21.3	ug/Kg
074685-30-6	5-Eicosene, (E)-	250	J		21.3	ug/Kg
000111-02-4	Squalene	950	J		23.6	ug/Kg
1000514-95-7	5.beta.-Cholestan-3.alpha.-ol, 2-m	6300	J		27.0	ug/Kg
000057-88-5	Cholesterol	2500	J		27.5	ug/Kg
000601-53-6	Cholestan-3-one, (5.beta.)-	1100	J		27.6	ug/Kg
000516-95-0	Epicholestanol	950	J		27.7	ug/Kg
	unknown29.277	1000	J		29.3	ug/Kg
002089-02-3	Cholestane, 3-ethoxy-, (3.beta.,5.	2000	J		30.2	ug/Kg
000083-47-6	.gamma.-Sitosterol	1300	J		30.9	ug/Kg

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Time: Aug 12 18:42:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

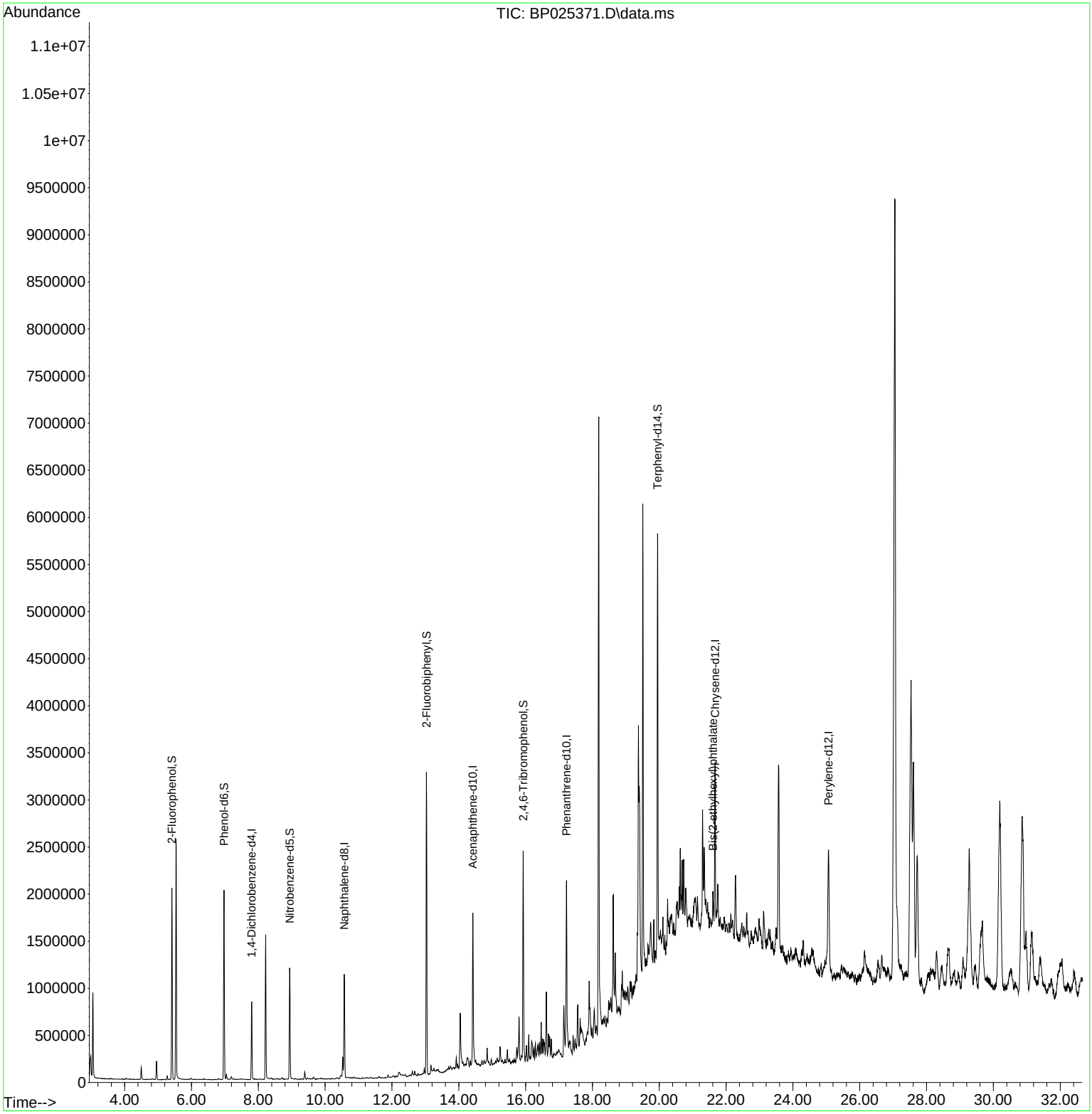
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	233793	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	927693	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	559882	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	1060107	20.000	ng	0.00
76) Chrysene-d12	21.672	240	1063641	20.000	ng	0.01
86) Perylene-d12	25.065	264	1259856	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	879489	60.504	ng	0.00
7) Phenol-d6	6.972	99	1092792	57.123	ng	0.00
23) Nitrobenzene-d5	8.937	82	703214	41.995	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	446866	80.005	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	1698518	41.902	ng	0.00
79) Terphenyl-d14	19.948	244	2231569	39.628	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.607	149	175202	3.825	ng	98

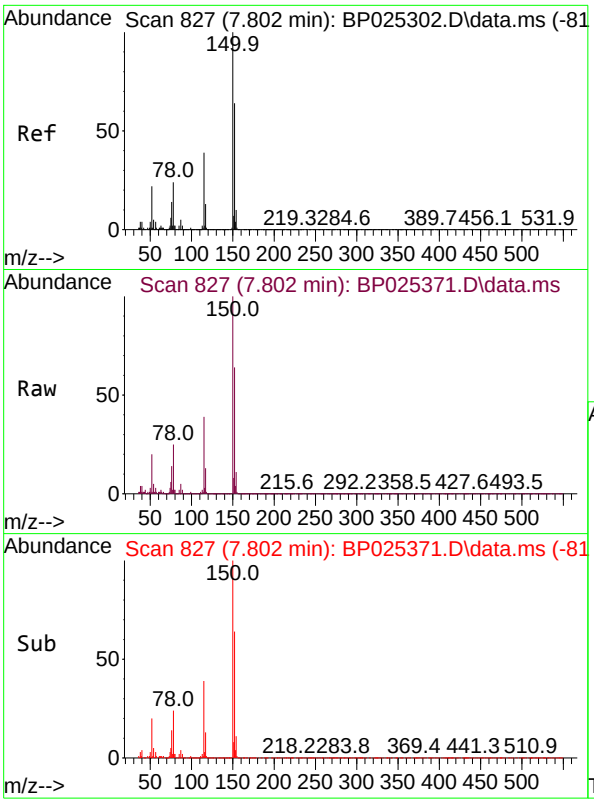
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Time: Aug 12 18:42:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration



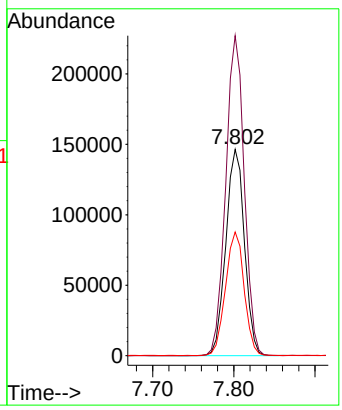


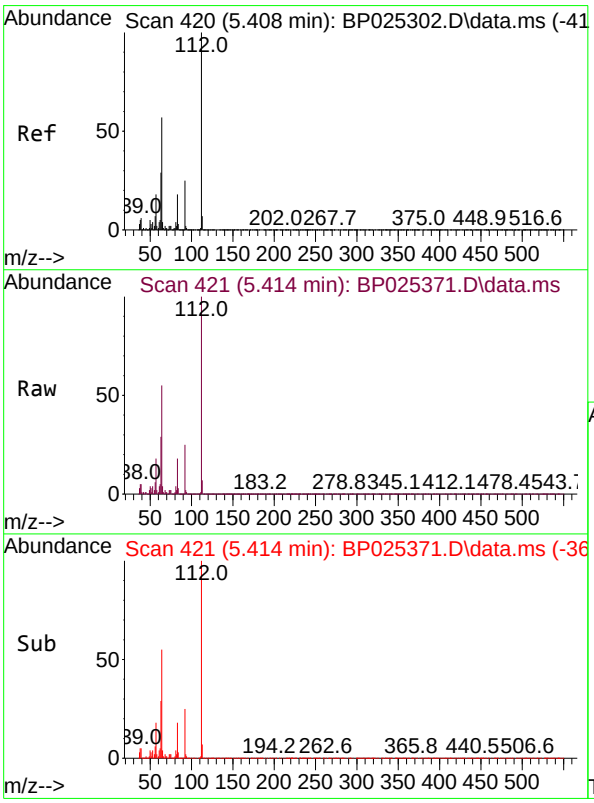
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Tgt Ion:152 Resp: 233793

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.1	187.7
115	60.0	48.4	72.6

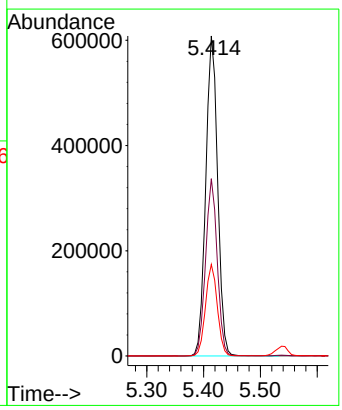


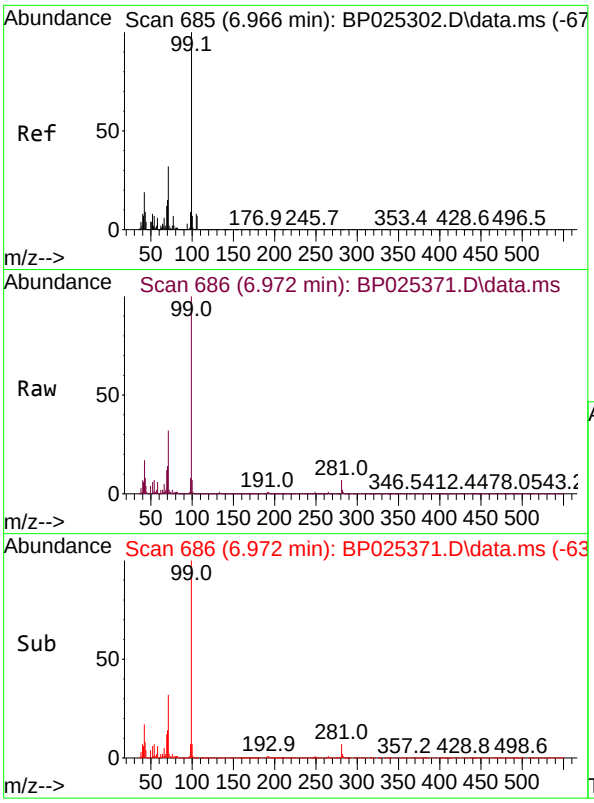


#5
2-Fluorophenol
Concen: 60.504 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion:112 Resp: 879489

Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.3	67.9
63	28.6	23.0	34.6



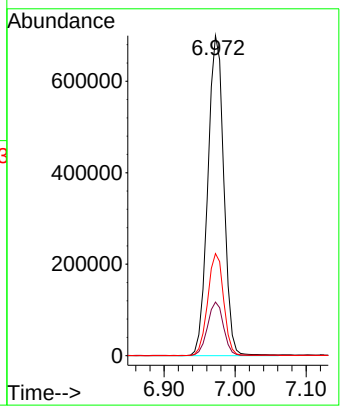


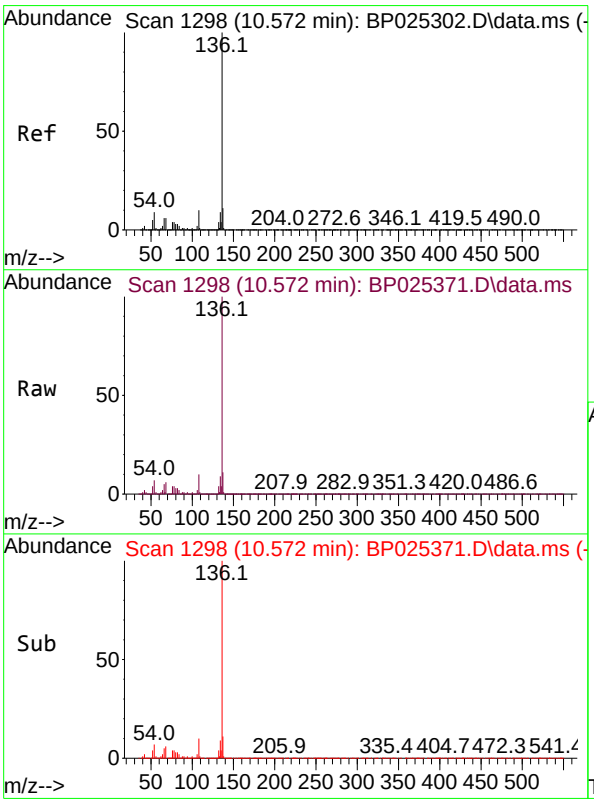
#7
Phenol-d6
Concen: 57.123 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Tgt Ion: 99 Resp: 1092792

Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.0	22.6
71	31.9	25.5	38.3

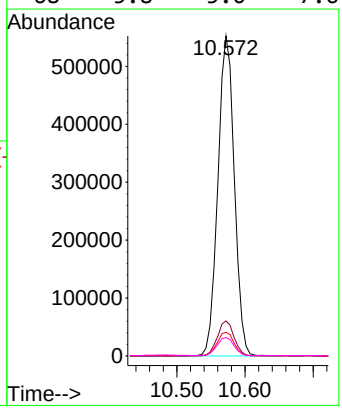


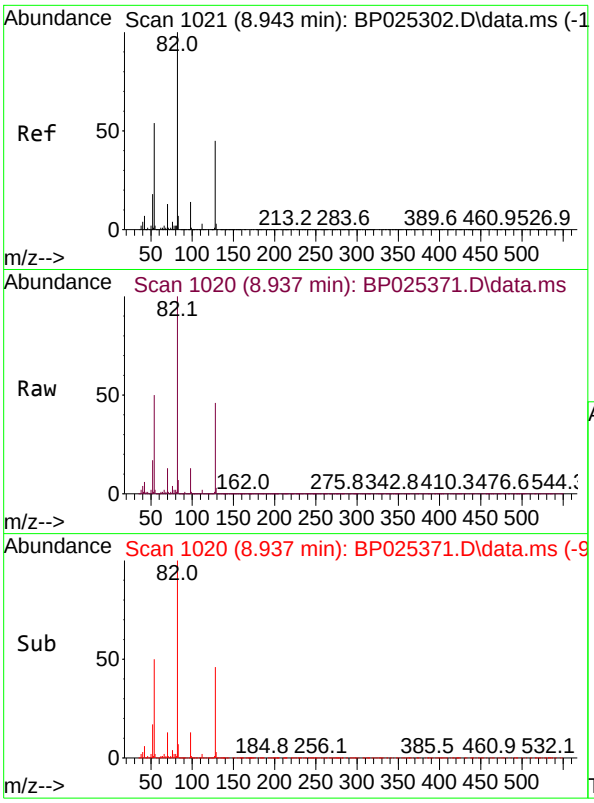


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion:136 Resp: 927693

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	7.0	10.6
68	5.8	5.0	7.6



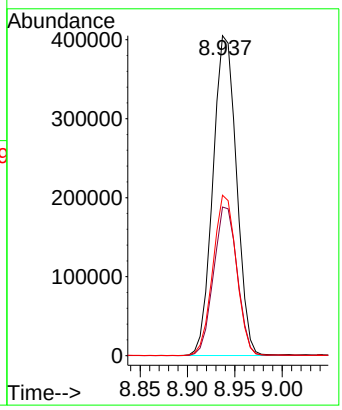


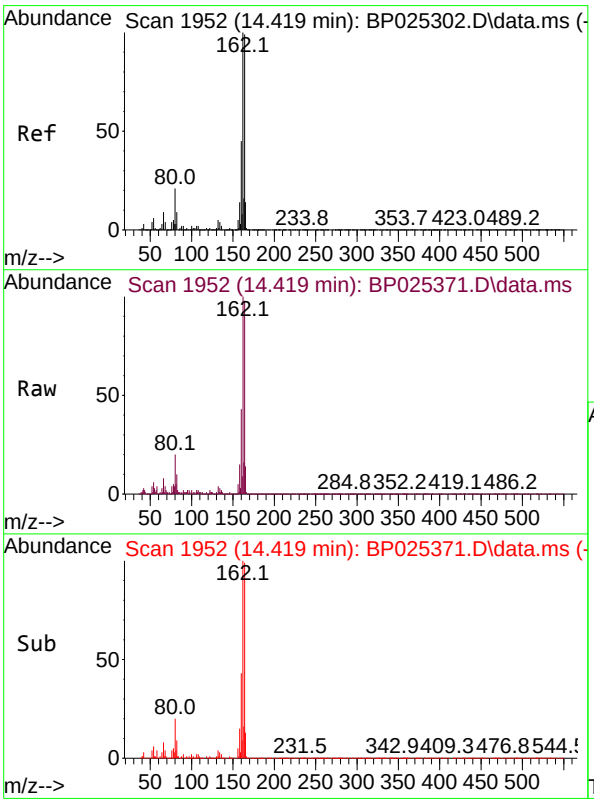
#23
Nitrobenzene-d5
Concen: 41.995 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Tgt Ion: 82 Resp: 703214

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.4	53.2
54	50.2	42.9	64.3

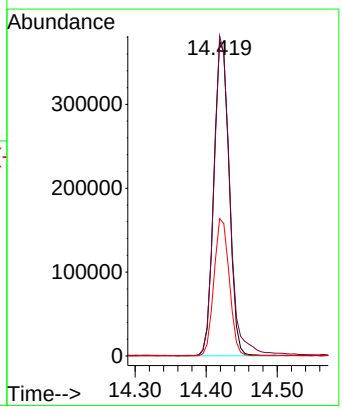


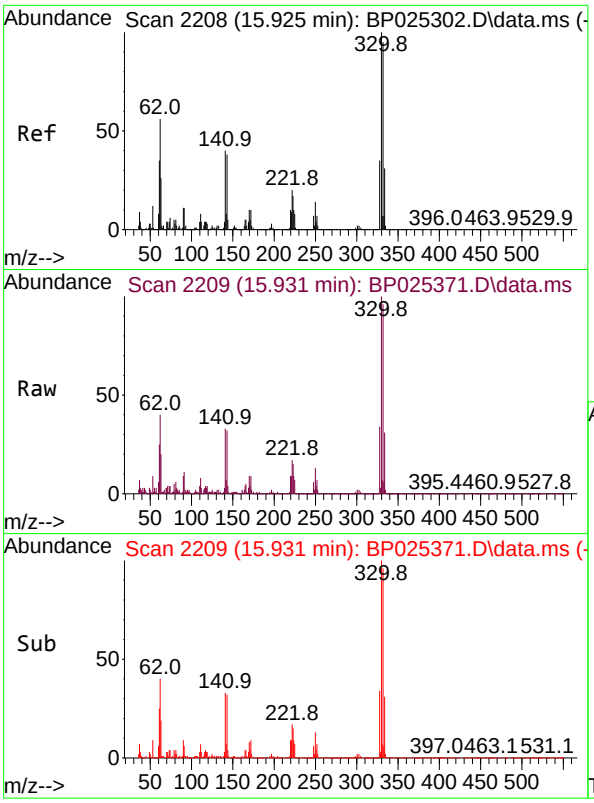


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion:164 Resp: 559882

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	43.6	35.9	53.9



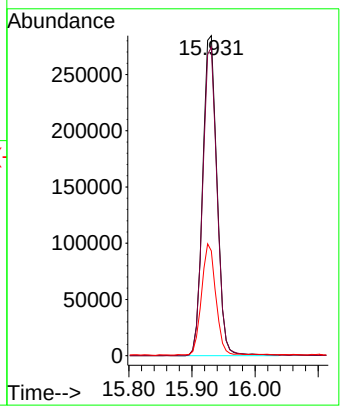


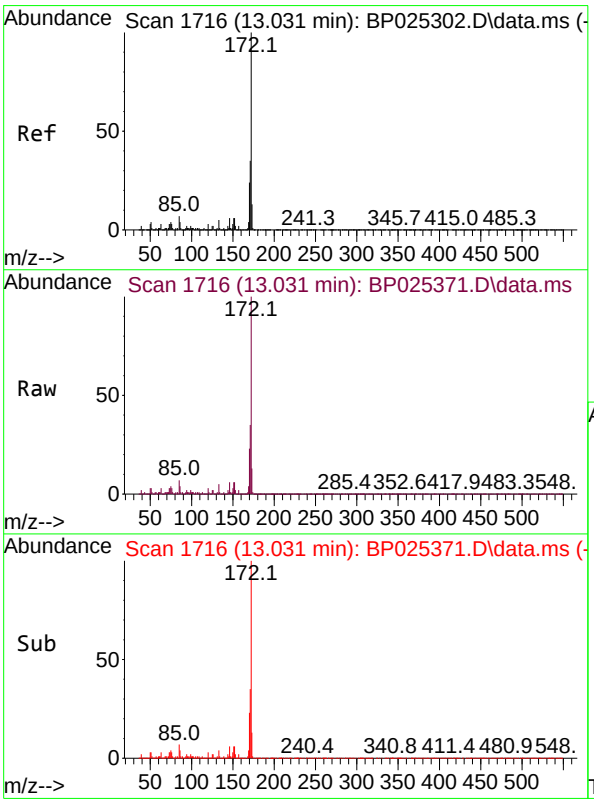
#42
2,4,6-Tribromophenol
Concen: 80.005 ng
RT: 15.931 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Tgt Ion:330 Resp: 446866

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	34.6	31.7	47.5

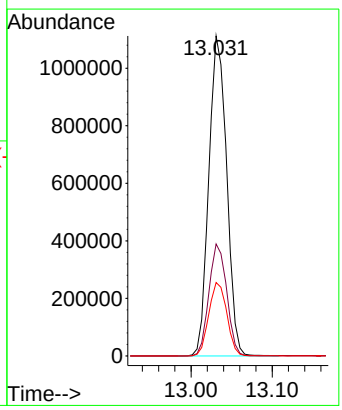


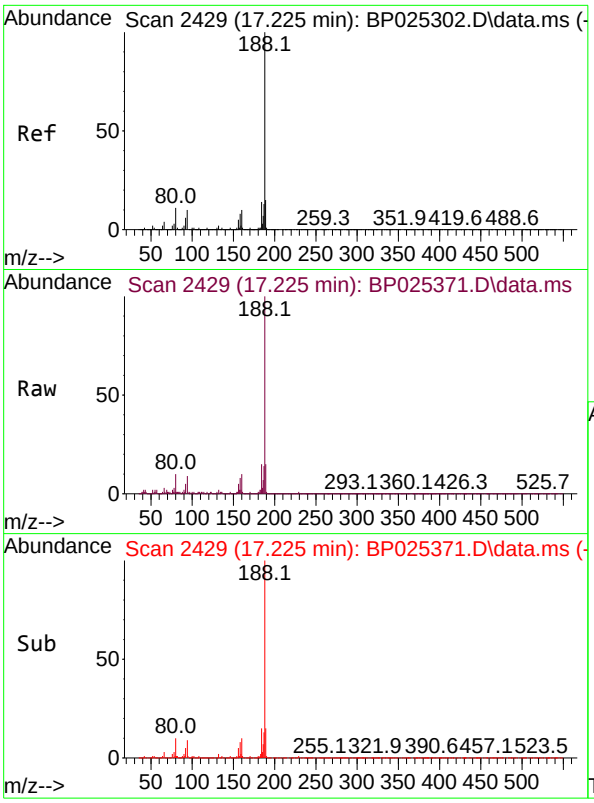


#45
2-Fluorobiphenyl
Concen: 41.902 ng
RT: 13.031 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion:172 Resp: 1698518

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.0	18.9	28.3



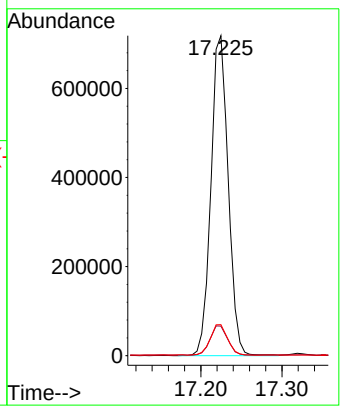


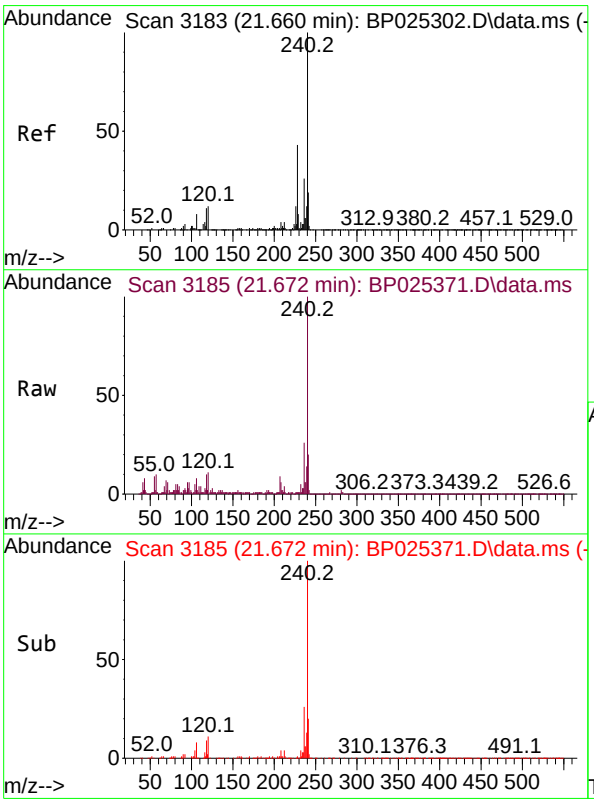
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Tgt Ion:188 Resp: 1060107

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.7	8.5	12.7

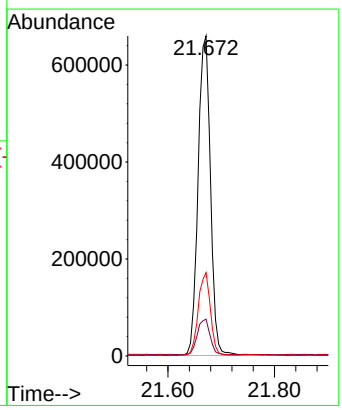


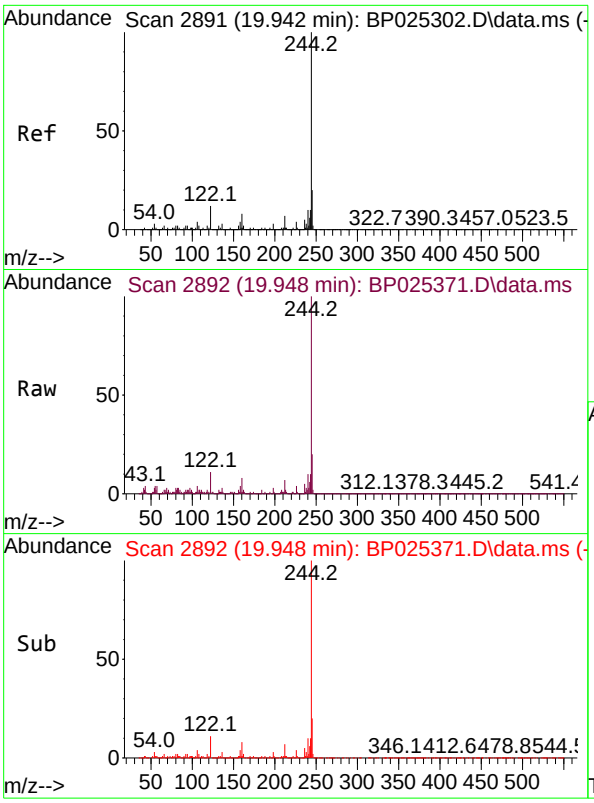


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion:240 Resp: 1063641

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	26.1	20.4	30.6



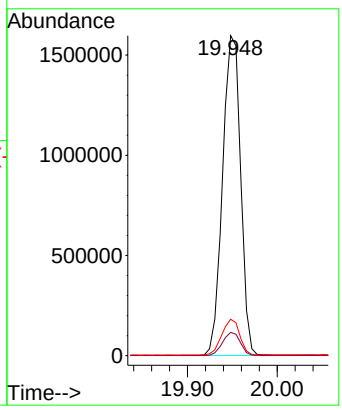


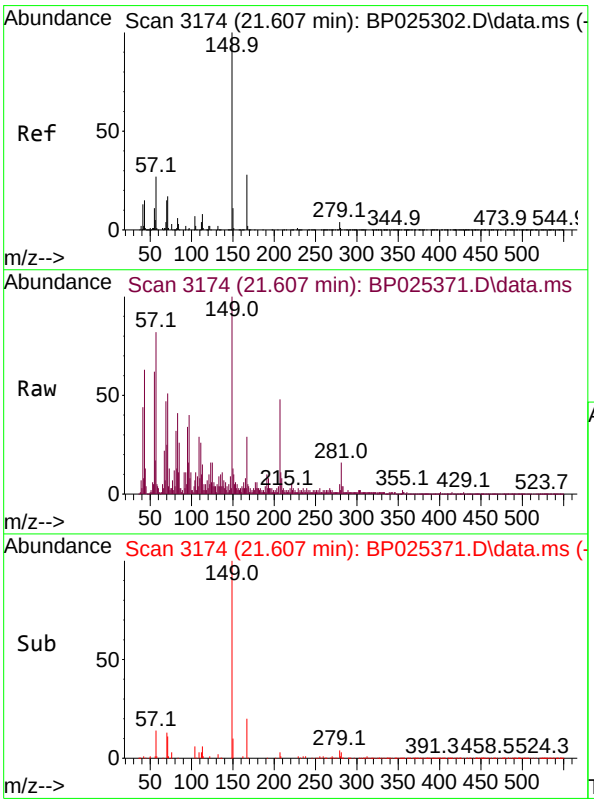
#79
Terphenyl-d14
Concen: 39.628 ng
RT: 19.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Tgt Ion:244 Resp: 2231569

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.4	9.5	14.3

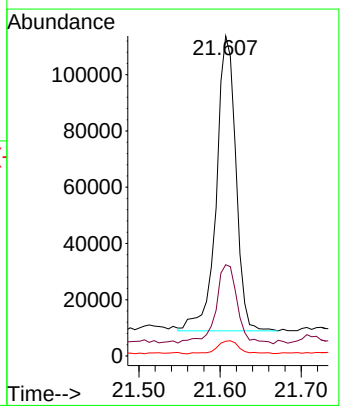


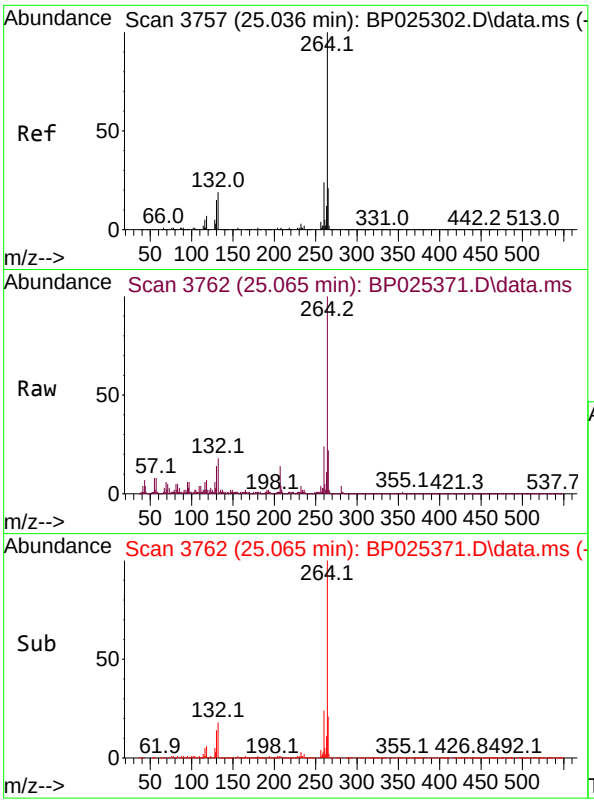


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.825 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion:149 Resp: 175202

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.1	33.1
279	4.6	3.4	5.2



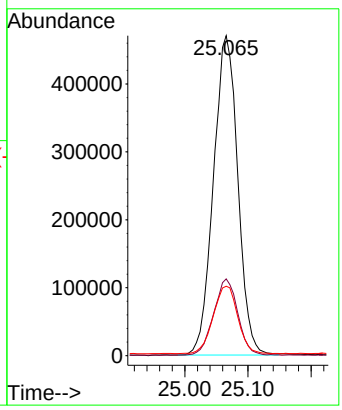


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.065 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Tgt Ion:264 Resp: 1259856

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.1	25.7



Sample Results: **BP025371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025371.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.984	3	8	13	rVB2	202474	404223	1.37%	0.251%
2	3.049	13	19	31	rVB	899236	1347434	4.58%	0.837%
3	5.414	414	421	430	rBV	2031386	2901375	9.86%	1.801%
4	5.537	434	442	462	rBV	2549376	3860436	13.12%	2.397%
5	6.972	678	686	694	rBV	2011459	3163155	10.75%	1.964%
6	7.802	819	827	834	rBV	829148	1332998	4.53%	0.828%
7	8.219	890	898	910	rBV	1537986	2279447	7.75%	1.415%
8	8.937	1012	1020	1028	rBV	1181106	2072608	7.04%	1.287%
9	10.525	1285	1290	1293	rVV	225053	334803	1.14%	0.208%
10	10.572	1293	1298	1305	rVB	1098764	1859615	6.32%	1.155%
11	13.031	1710	1716	1728	rVB	3212136	4899944	16.65%	3.042%
12	14.043	1881	1888	1899	rBV	587059	1369320	4.65%	0.850%
13	14.419	1946	1952	1963	rBV2	1595559	2684987	9.13%	1.667%
14	15.801	2180	2187	2194	rVB2	464995	810930	2.76%	0.503%
15	15.925	2203	2208	2218	rVB	2229528	3531928	12.00%	2.193%
16	16.095	2232	2237	2241	rBV	280175	389635	1.32%	0.242%
17	16.184	2247	2252	2259	rBV4	180571	454539	1.54%	0.282%
18	16.466	2296	2300	2304	rBV	340433	388413	1.32%	0.241%
19	16.619	2321	2326	2332	rVB4	675401	1000592	3.40%	0.621%
20	16.684	2334	2337	2340	rVV	239972	328371	1.12%	0.204%
21	16.719	2340	2343	2347	rVV	219014	310503	1.06%	0.193%
22	17.142	2411	2415	2422	rBV2	522285	990918	3.37%	0.615%
23	17.225	2422	2429	2439	rVB	1788654	3317366	11.28%	2.060%
24	17.419	2458	2462	2468	rBV2	195825	342334	1.16%	0.213%
25	17.560	2481	2486	2492	rVB	442836	734181	2.50%	0.456%
26	17.631	2495	2498	2501	rBV2	246119	307260	1.04%	0.191%
27	17.901	2541	2544	2547	rBV2	469201	585937	1.99%	0.364%
28	18.054	2566	2570	2576	rVB4	254708	451882	1.54%	0.281%
29	18.189	2586	2593	2608	rBV	6564432	11571745	39.33%	7.184%
30	18.483	2640	2643	2646	rBV2	228856	341036	1.16%	0.212%
31	18.625	2660	2667	2673	rBV3	1224051	2217662	7.54%	1.377%
32	18.683	2674	2677	2686	rVB3	639617	1021354	3.47%	0.634%
33	18.889	2710	2712	2716	rVB	303256	345238	1.17%	0.214%
34	19.342	2786	2789	2790	rBV	514257	483567	1.64%	0.300%
35	19.378	2791	2795	2797	rBV	2194450	2926183	9.95%	1.817%
36	19.507	2812	2817	2830	rBV	4959984	7351896	24.99%	4.564%

Sample Results: **BP025371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.948	2887	2892	2898	rBV	4330417	6412831	21.80%	3.981%
38	20.248	2941	2943	2948	rBV5	370229	463604	1.58%	0.288%
39	20.630	3005	3008	3012	rBV2	664880	784789	2.67%	0.487%
40	20.683	3015	3017	3021	rVB2	573903	622533	2.12%	0.386%
41	21.295	3118	3121	3125	rBV	1073681	1435944	4.88%	0.891%
42	21.342	3127	3129	3134	rVB2	618673	848665	2.88%	0.527%
43	21.672	3180	3185	3190	rVB	1659414	2551401	8.67%	1.584%
44	23.566	3502	3507	3518	rVB2	1946329	4458584	15.15%	2.768%
45	25.065	3756	3762	3775	rVB	1298600	3571901	12.14%	2.218%
46	27.048	4085	4099	4119	rBV	8154275	29421732	100.00%	18.266%
47	27.536	4170	4182	4189	rBV	2909390	11705792	39.79%	7.267%
48	27.607	4191	4194	4203	rVV2	2172474	5340492	18.15%	3.316%
49	27.718	4207	4213	4225	rVB4	1340772	4446915	15.11%	2.761%
50	29.277	4475	4478	4498	rVB2	1449362	4682647	15.92%	2.907%
51	30.189	4621	4633	4649	rVB2	1972291	9596110	32.62%	5.958%
52	30.865	4737	4748	4762	rBV3	1429750	6016291	20.45%	3.735%

Sum of corrected areas: 161074046

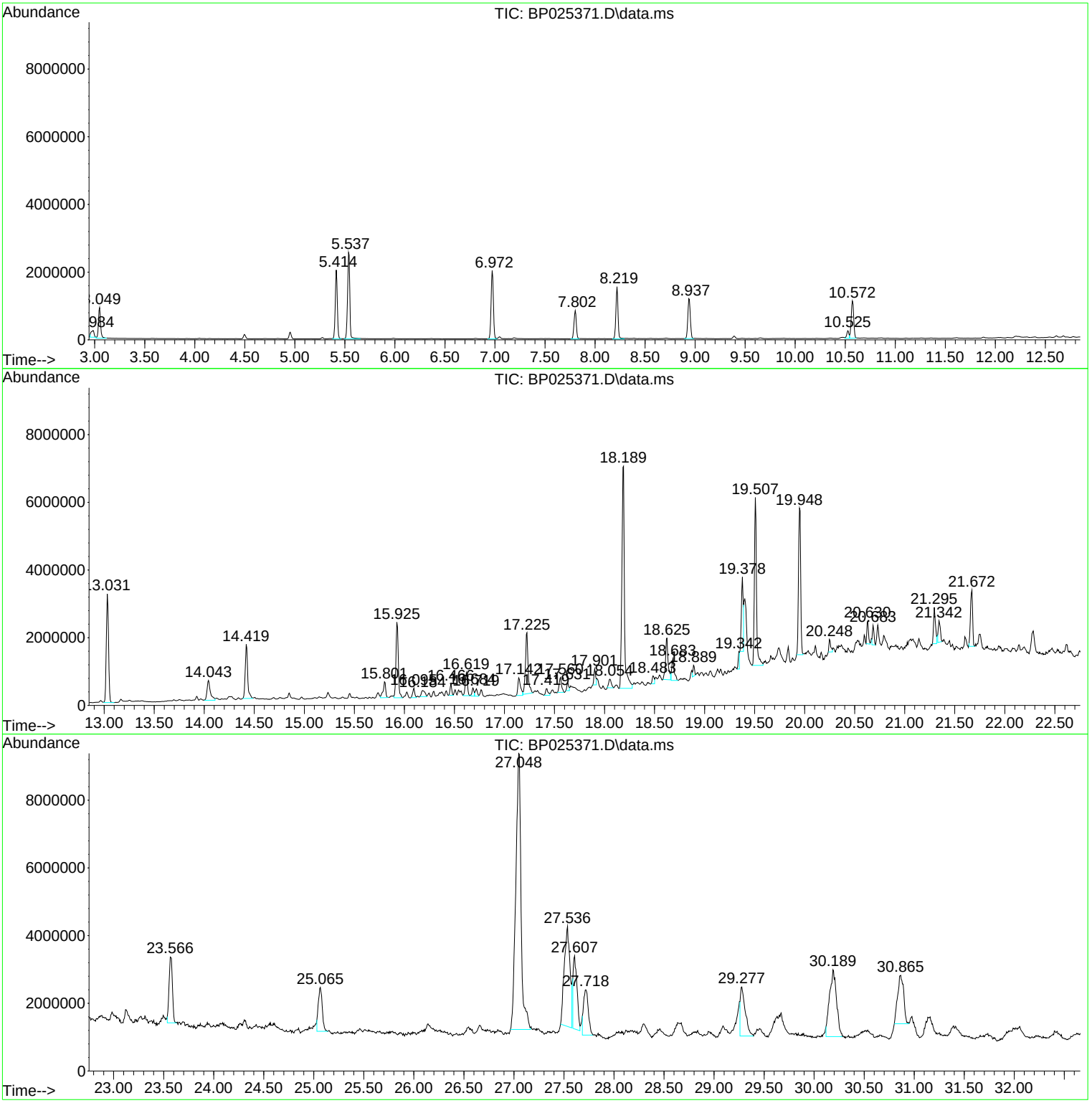
Sample Results: **BP025371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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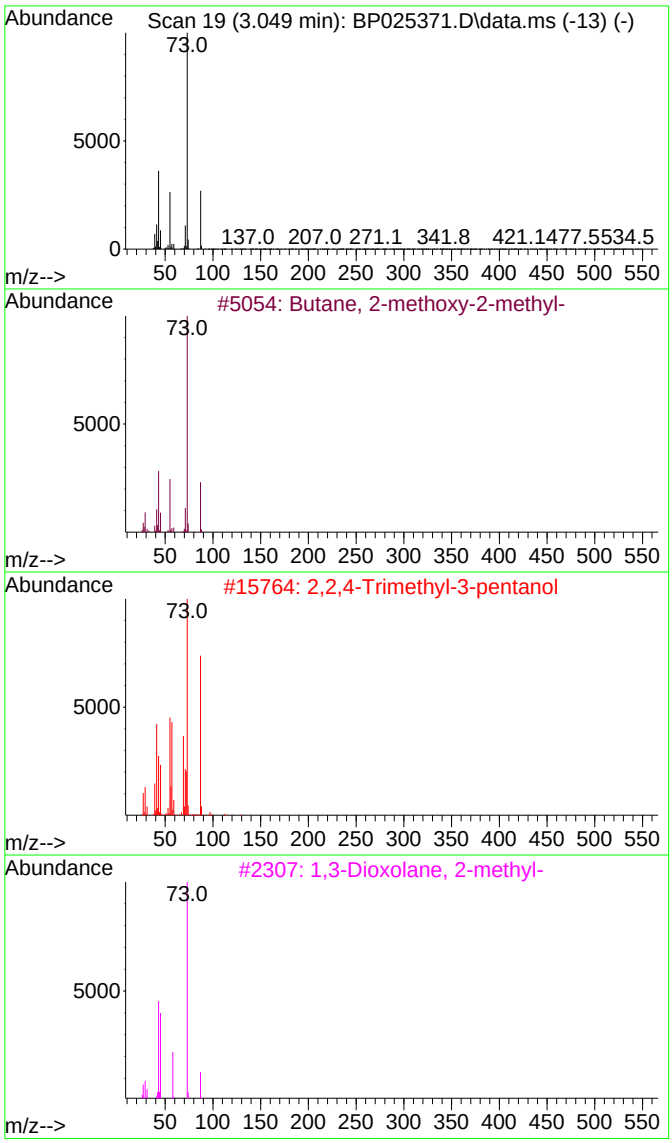
TIC Integration Parameters: LSCINT.P

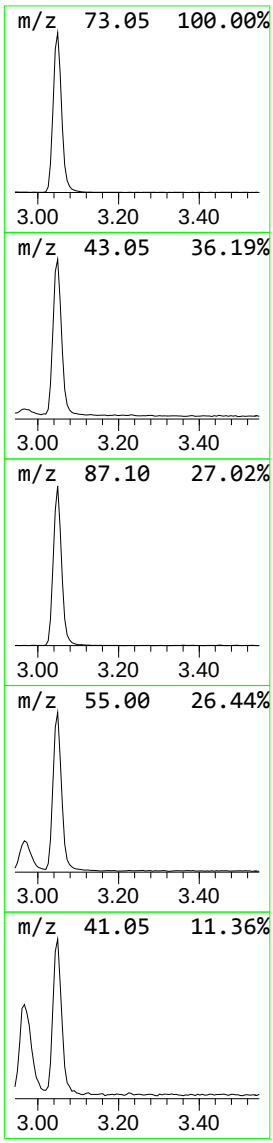
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.049	20.22 ng	1347430	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Sample : Q2818-01
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
B-2-5-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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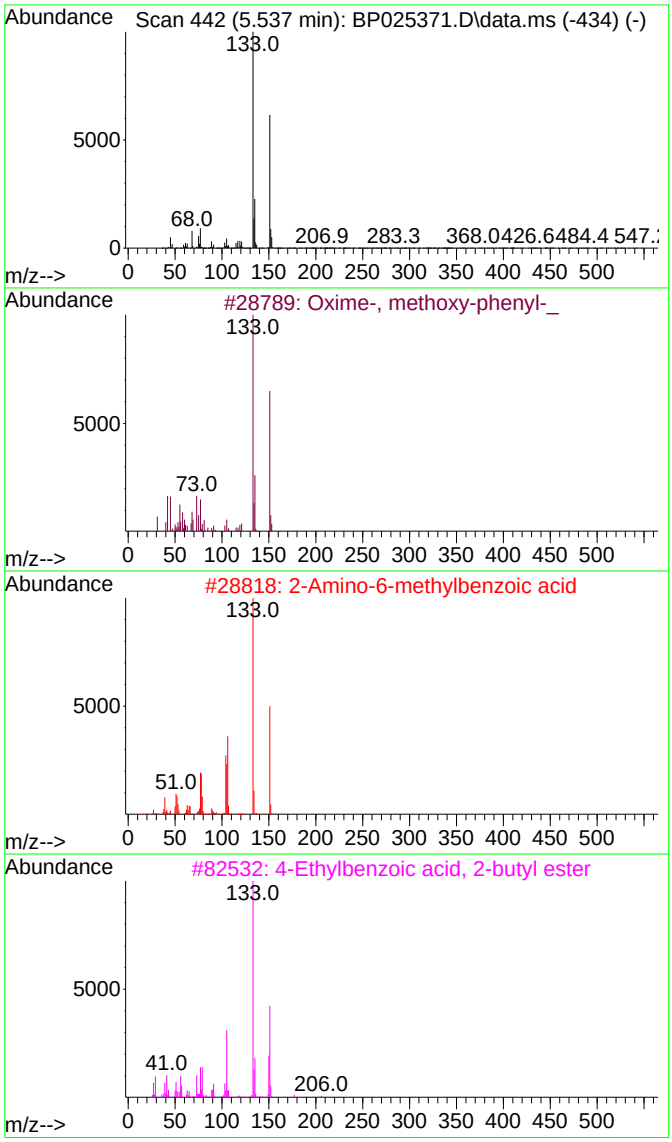
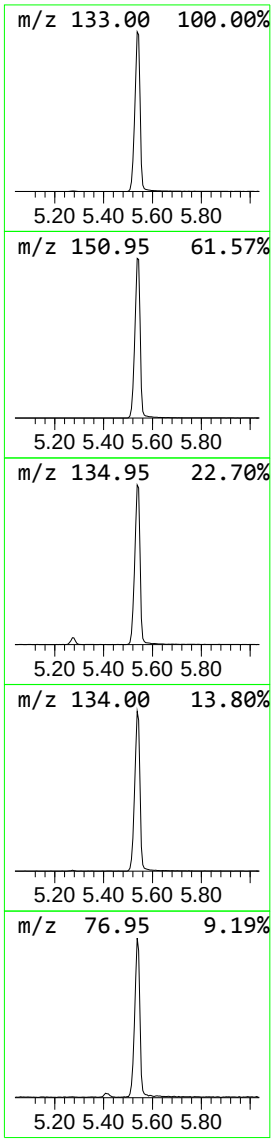
Peak Number 2 Oxime-, methoxy-phenyl-_ Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.537	57.92 ng	3860440	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxime-, methoxy-phenyl-_	151	C8H9NO2	1000222-86-6	91
2	2-Amino-6-methylbenzoic acid	151	C8H9NO2	004389-50-8	59
3	4-Ethylbenzoic acid, 2-butyl ester	206	C13H18O2	1000293-31-8	56
4	4H-Furo[3,2-b]pyrrole-5-carboxyl...	151	C7H5NO3	067268-37-5	45
5	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	40





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Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
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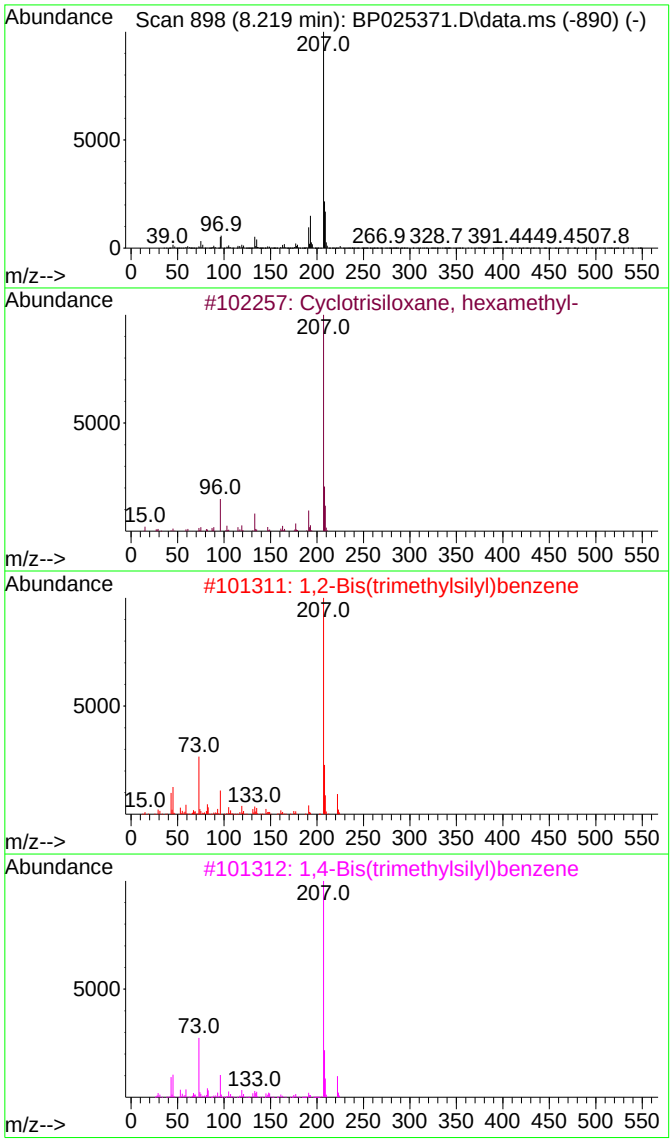
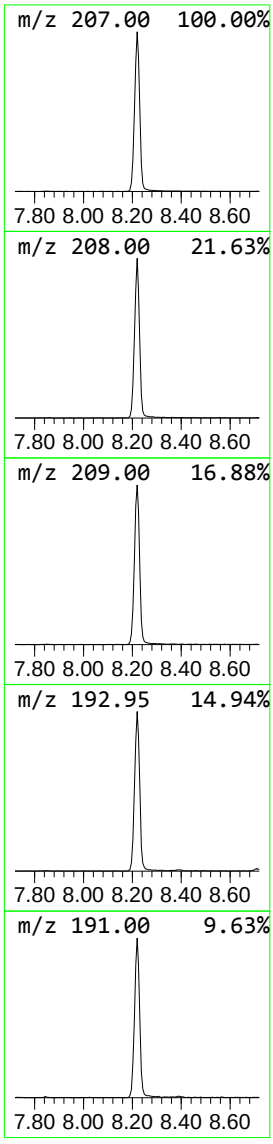
Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.219	34.20 ng	2279450	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	56
2	1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	50
3	1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	50
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	45
5	3-Cyano-4-fluorobenzylamine, TMS	222	C11H15FN2Si	1000497-68-2	38





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Sample : Q2818-01
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ALS Vial : 13 Sample Multiplier: 1

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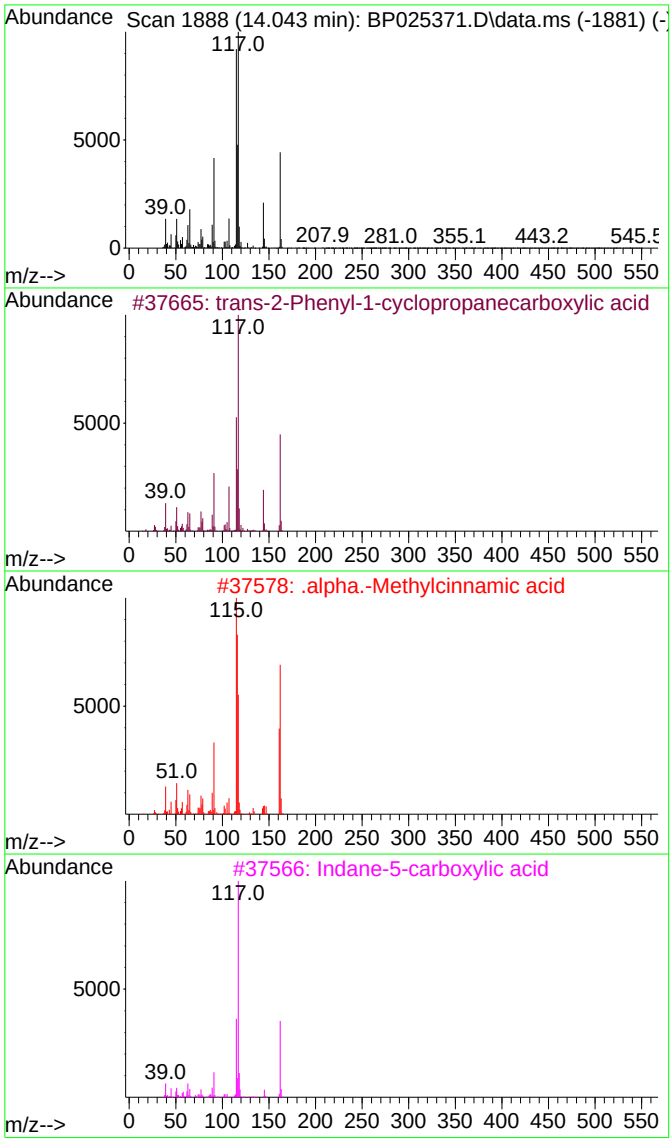
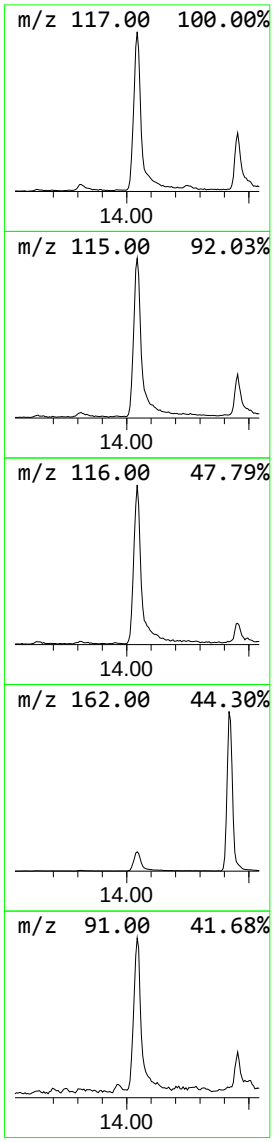
****
Peak Number 4 trans-2-Phenyl-1-cyclopropa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.043	10.20 ng	1369320	Acenaphthene-d10	14.419

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	76
2	.alpha.-Methylcinnamic acid	162	C10H10O2	001199-77-5	46
3	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	46
4	1,4-Epoxynaphthalene, 1,4-dihydro-	144	C10H8O	000573-57-9	45
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	38





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Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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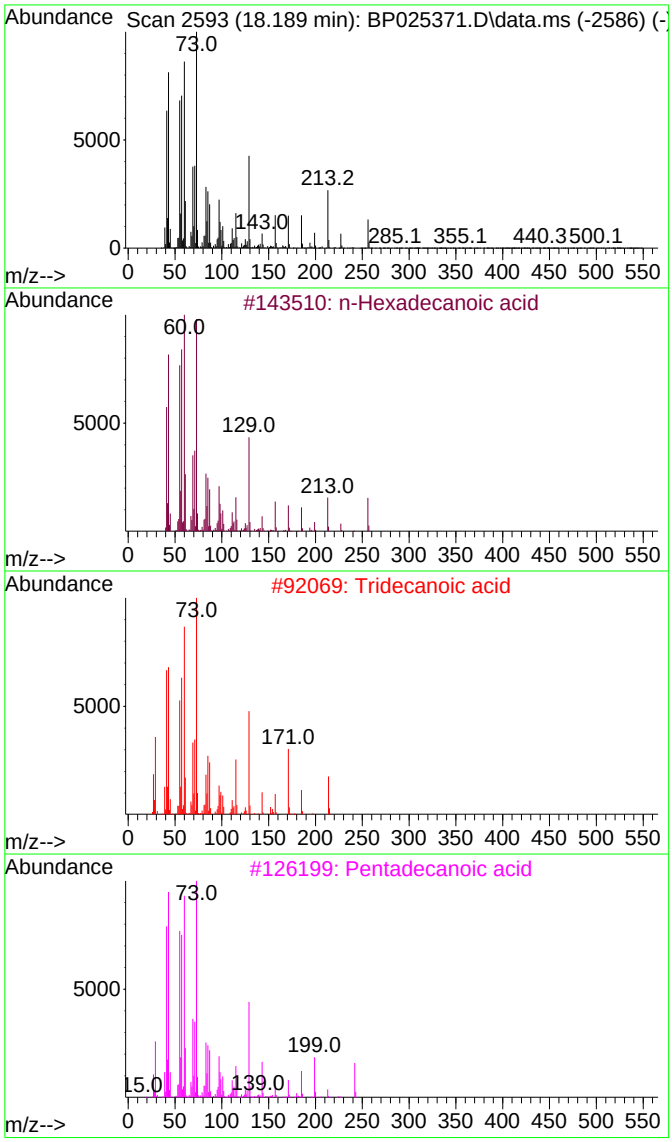
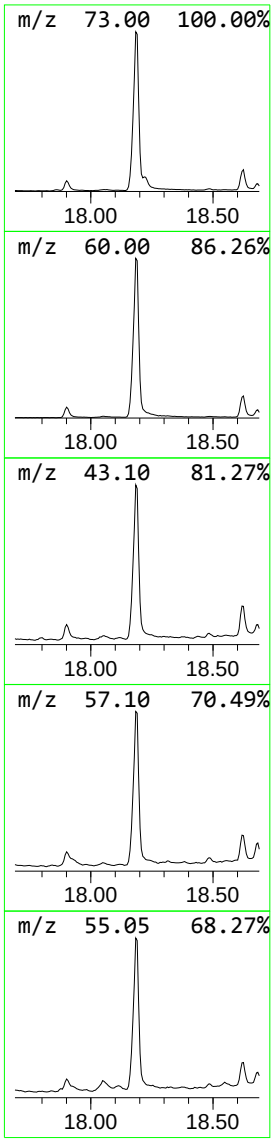
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.189	69.76 ng	11571700	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
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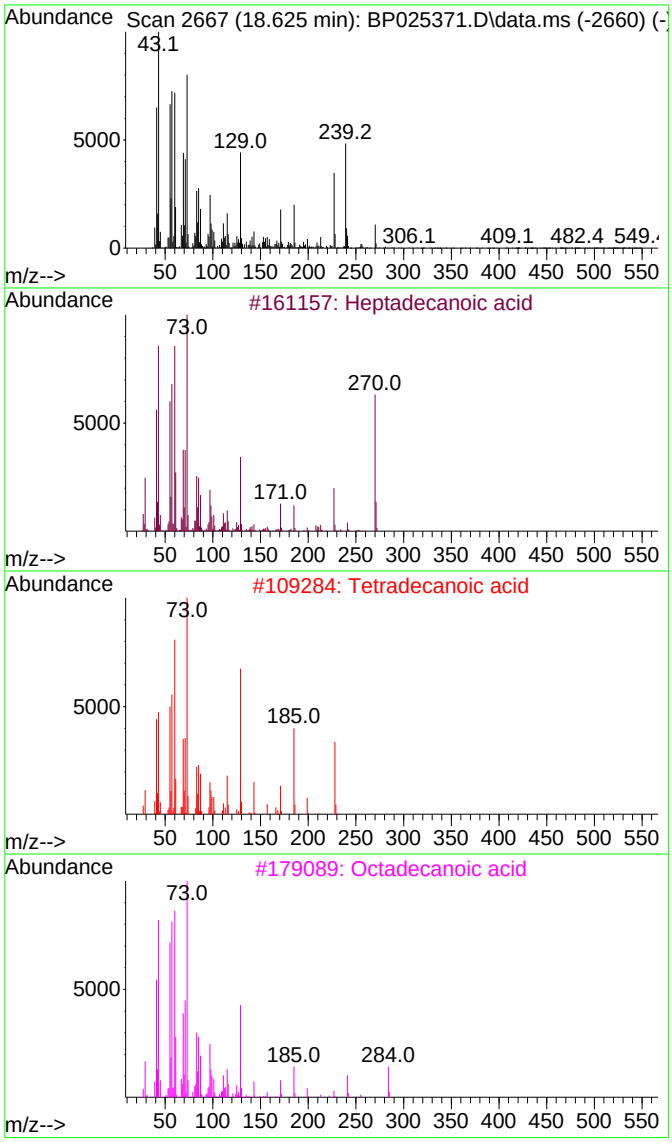
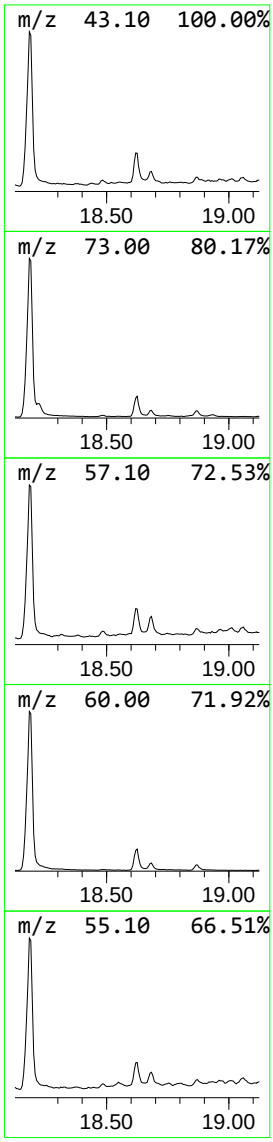
Peak Number 6 Heptadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.625	13.37 ng	2217660	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

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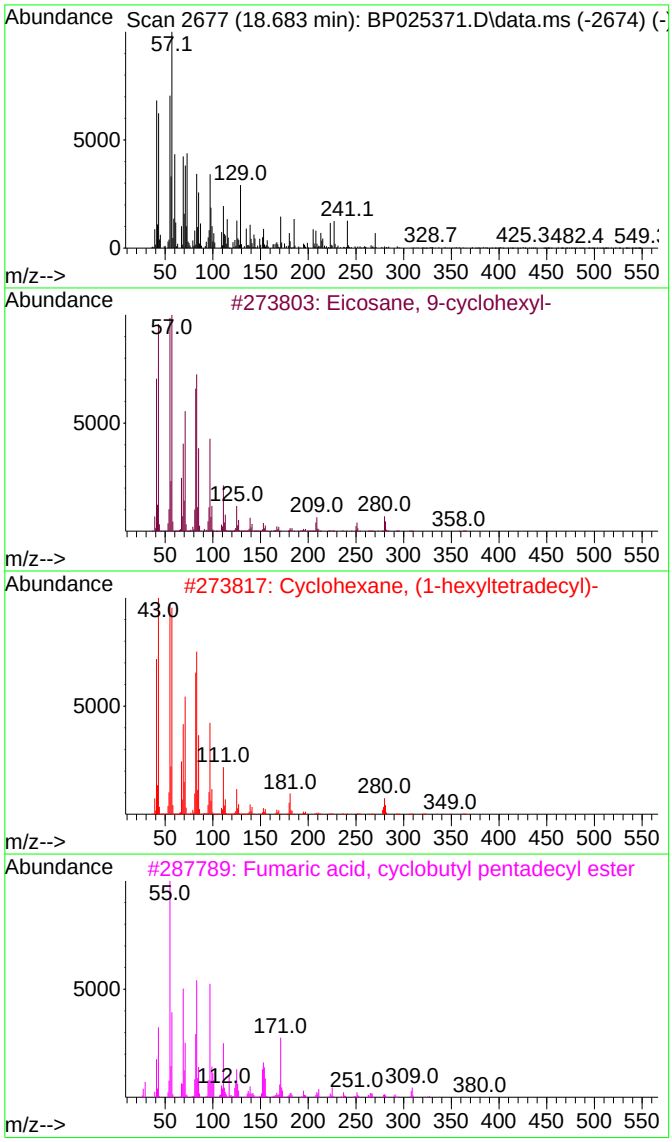
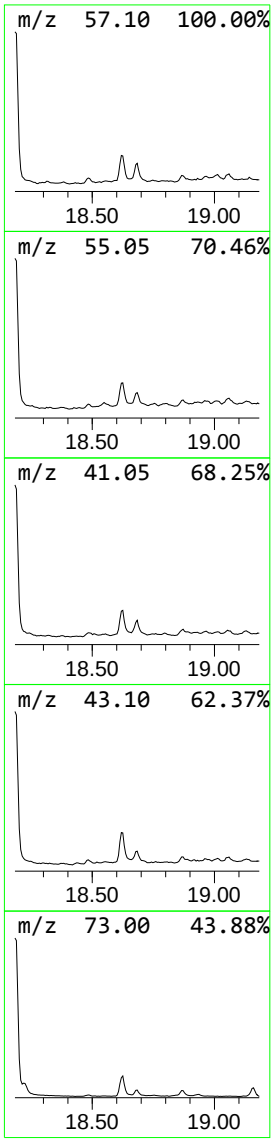
Peak Number 7 Eicosane, 9-cyclohexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.683	6.16 ng	1021350	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	50
2	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	50
3	Fumaric acid, cyclobutyl pentade...	380	C23H40O4	1000345-04-2	46
4	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	46
5	Heneicosane, 11-cyclopentyl-	364	C26H52	006703-81-7	46





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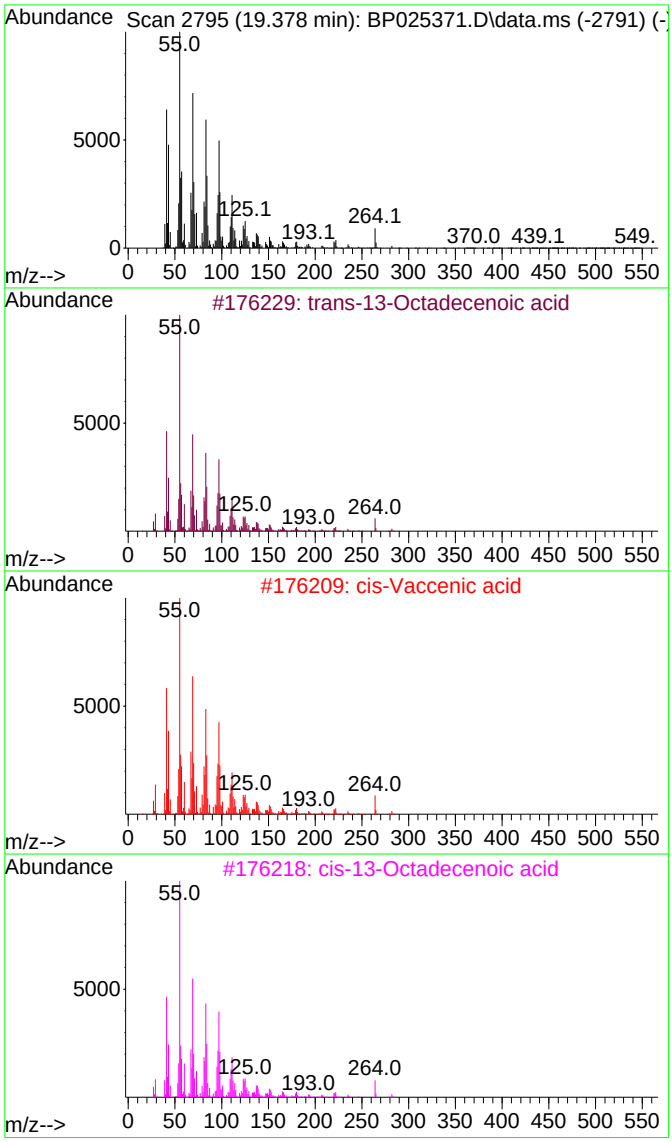
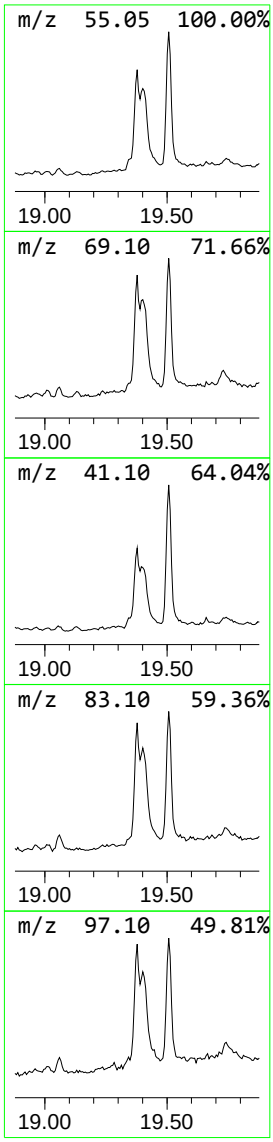
Peak Number 8 trans-13-Octadecenoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.378	17.64 ng	2926180	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	99
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	98
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	95
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
5	Oleic Acid	282	C18H34O2	000112-80-1	91





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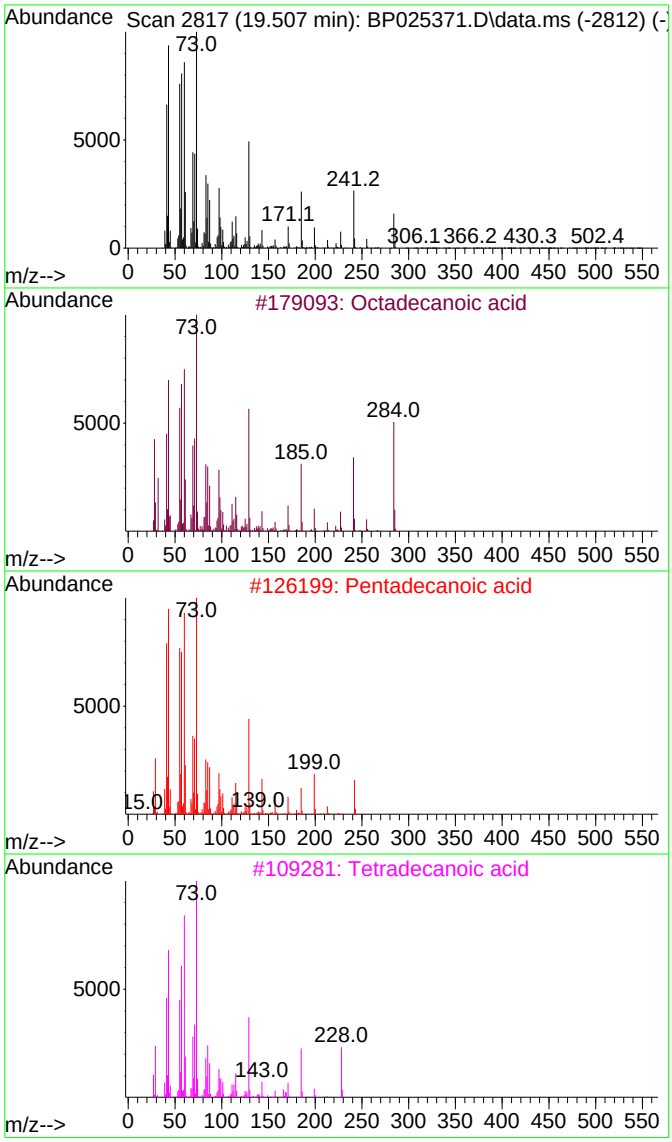
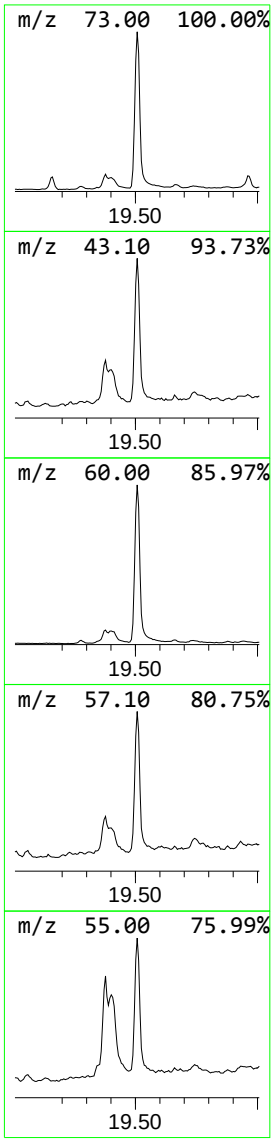
Peak Number 9 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.507	57.63 ng	7351900	Chrysene-d12	21.672

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





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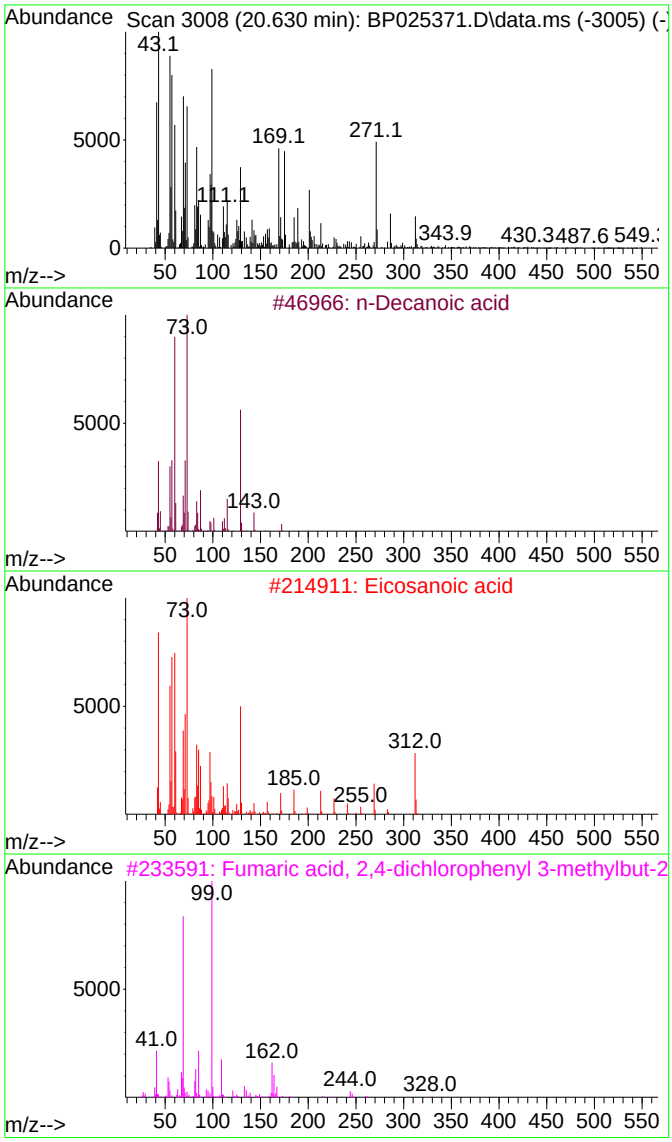
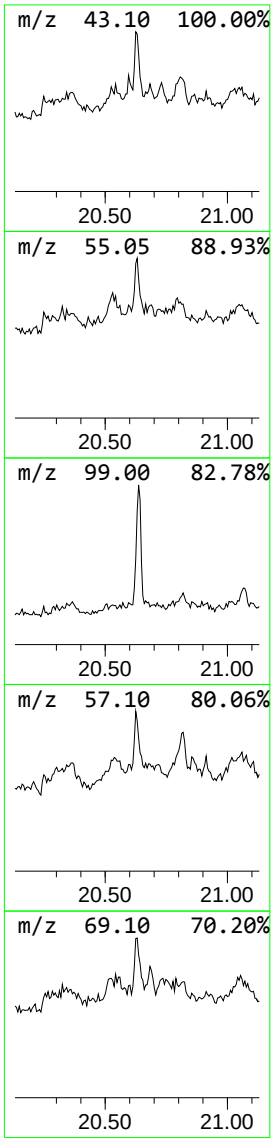
Peak Number 10 n-Decanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.630	6.15 ng	784789	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	53
2	Eicosanoic acid	312	C20H40O2	000506-30-9	46
3	Fumaric acid, 2,4-dichlorophenyl...	328	C15H14Cl2O4	1000405-69-4	25
4	Silane, trimethyl-1-propenyl-, (Z)-	114	C6H14Si	004964-02-7	18
5	Pentanoic acid, 4-oxo-, ethyl ester	144	C7H12O3	000539-88-8	18





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Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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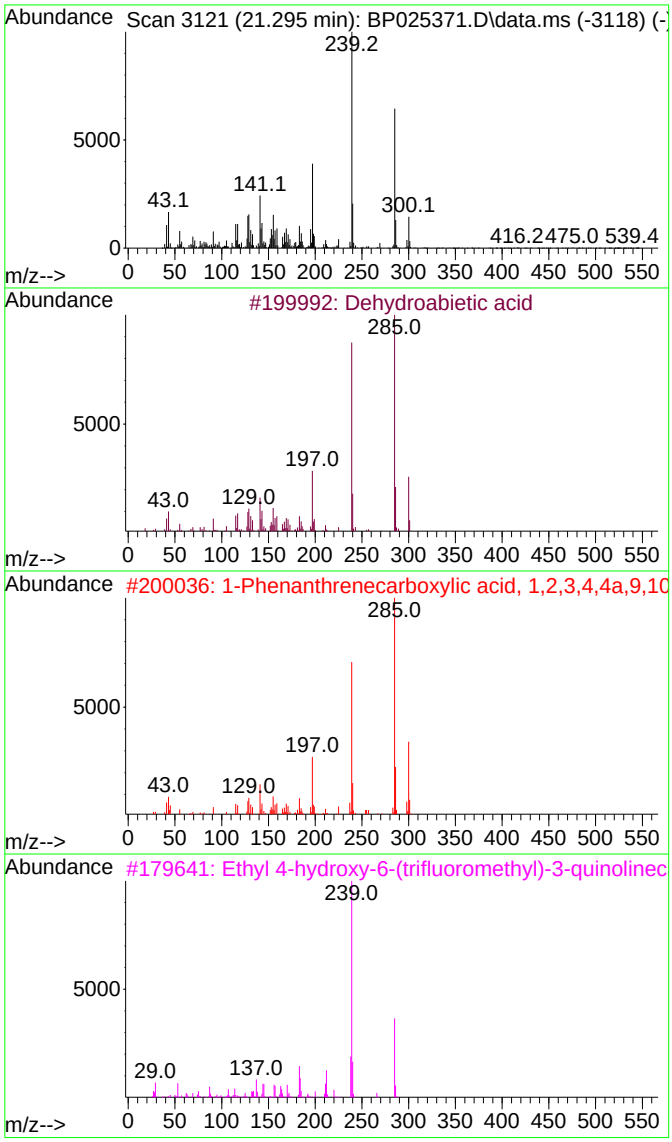
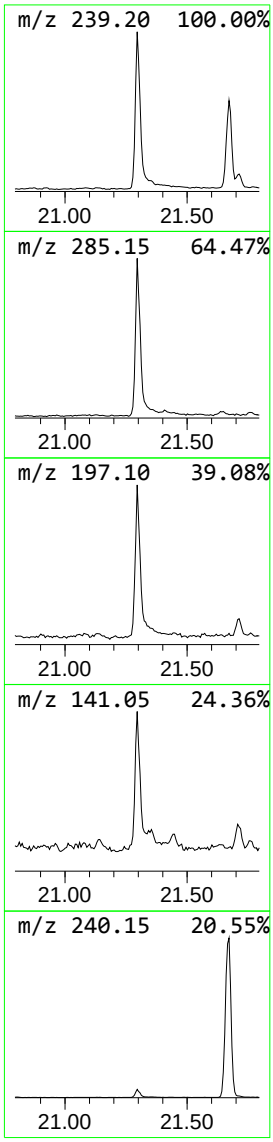
Peak Number 11 Dehydroabietic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.295	11.26 ng	1435940	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	86
3	Ethyl 4-hydroxy-6-(trifluorometh...	285	C13H10F3NO3	026893-12-9	60
4	2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	46
5	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	35





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Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

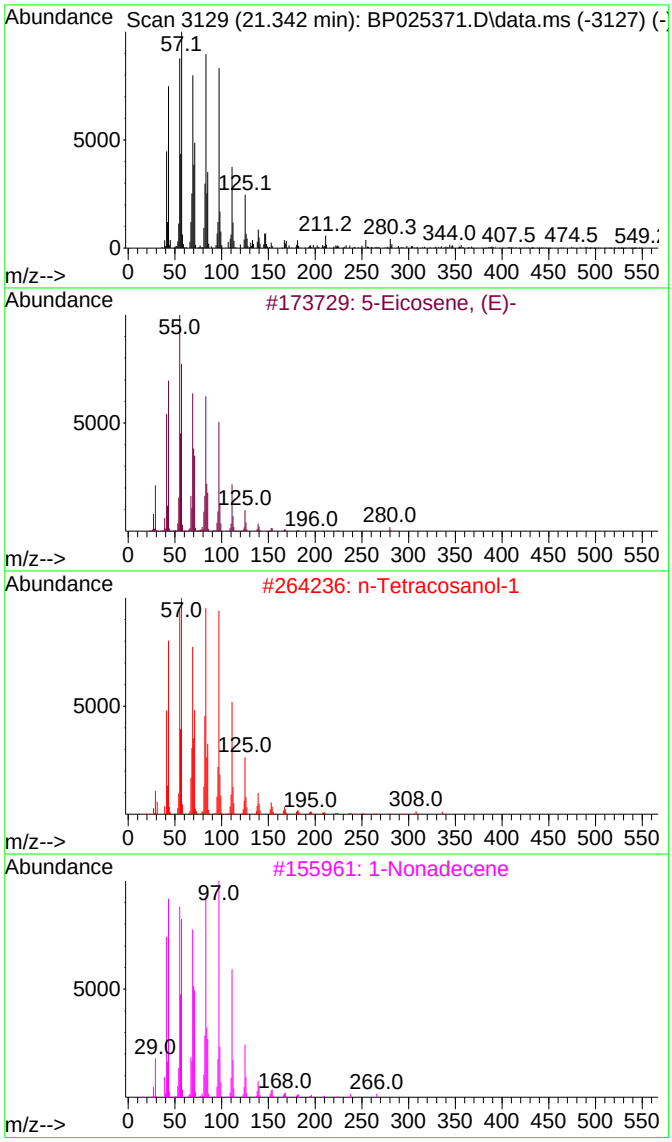
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

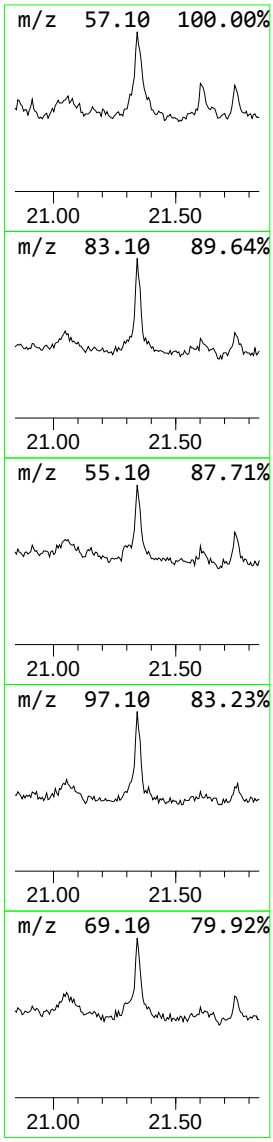
****

Peak Number 12 5-Eicosene, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.342	6.65 ng	848665	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	Cycloeicosane	280	C20H40	000296-56-0	91





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Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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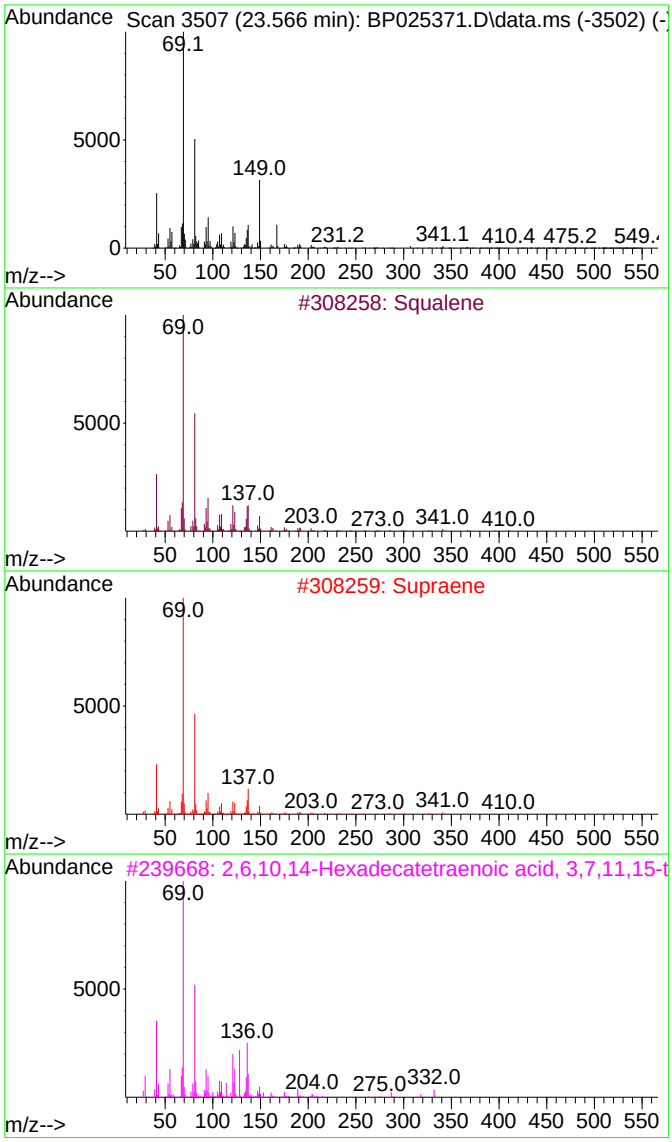
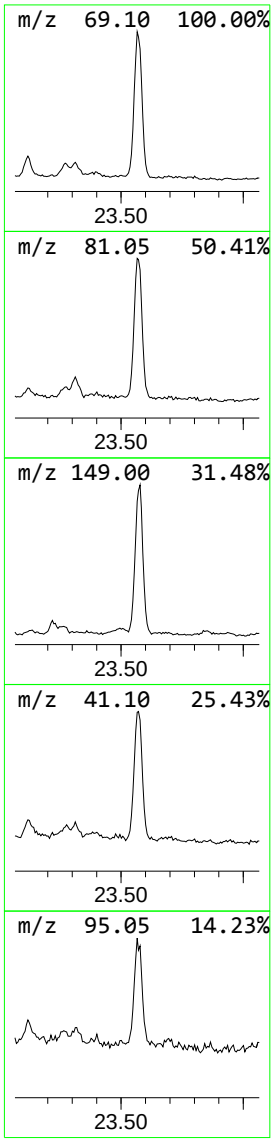
Peak Number 13 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.566	24.96 ng	4458580	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	95
2	Supraene	410	C30H50	007683-64-9	74
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	53
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	53
5	Zinc, bis(3,3-dimethyl-4-pentenyl)-	258	C14H26Zn	081069-81-0	43





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Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

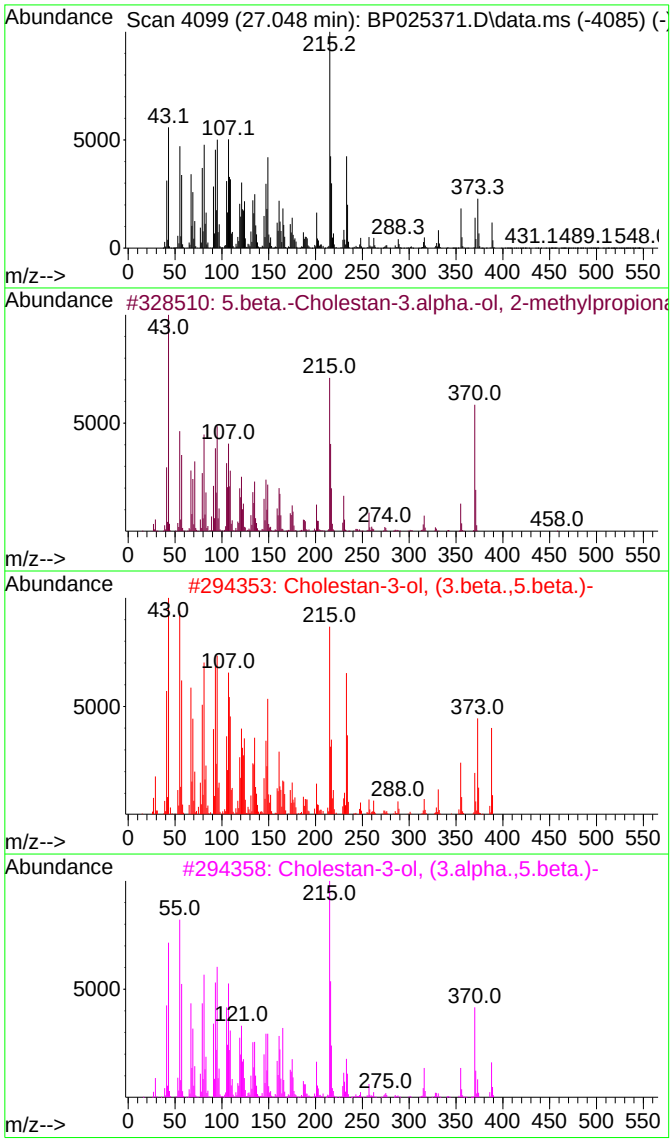
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

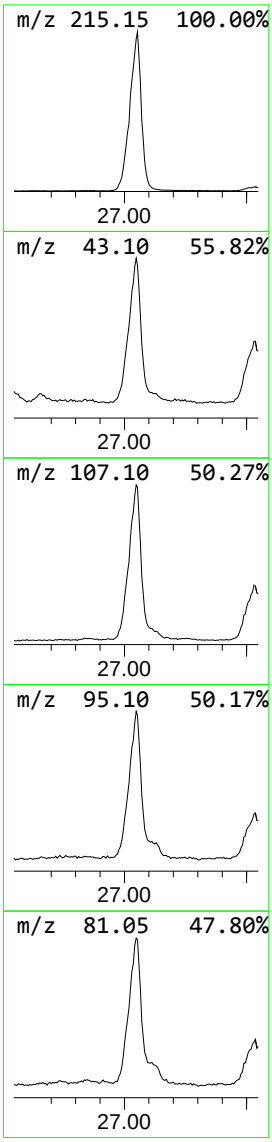
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 5.beta.-Cholestan-3.alpha.-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.048	164.74 ng	29421700	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5.beta.-Cholestan-3.alpha.-ol, 2...	458	C31H54O2	1000514-95-7	58
2	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	55
3	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	50
4	Cholestanol	388	C27H48O	000080-97-7	46
5	5.beta.-Cholestan-3.alpha.-ol, a...	430	C29H50O2	033157-47-0	38





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Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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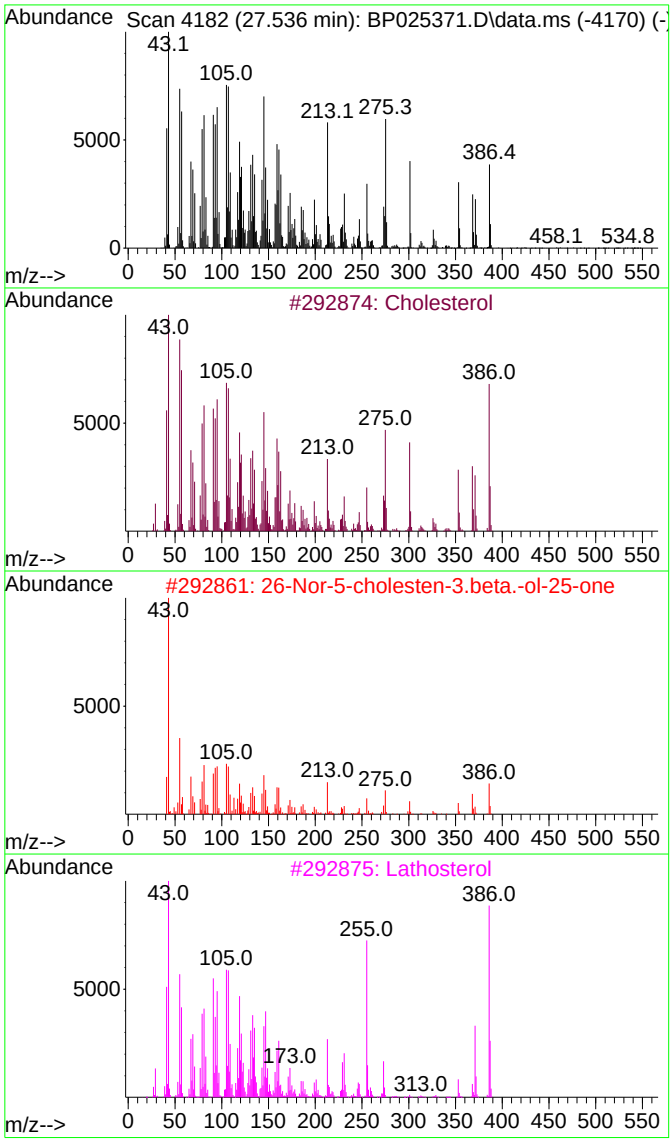
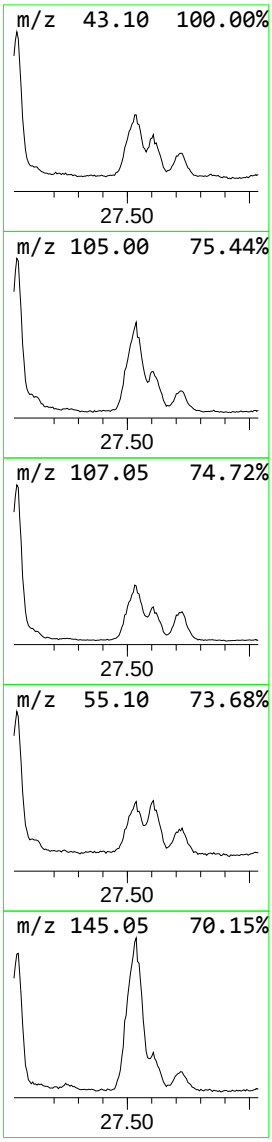
Peak Number 15 Cholesterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.536	65.54 ng	11705800	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3	Lathosterol	386	C27H46O	000080-99-9	89
4	Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	64
5	Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	53





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Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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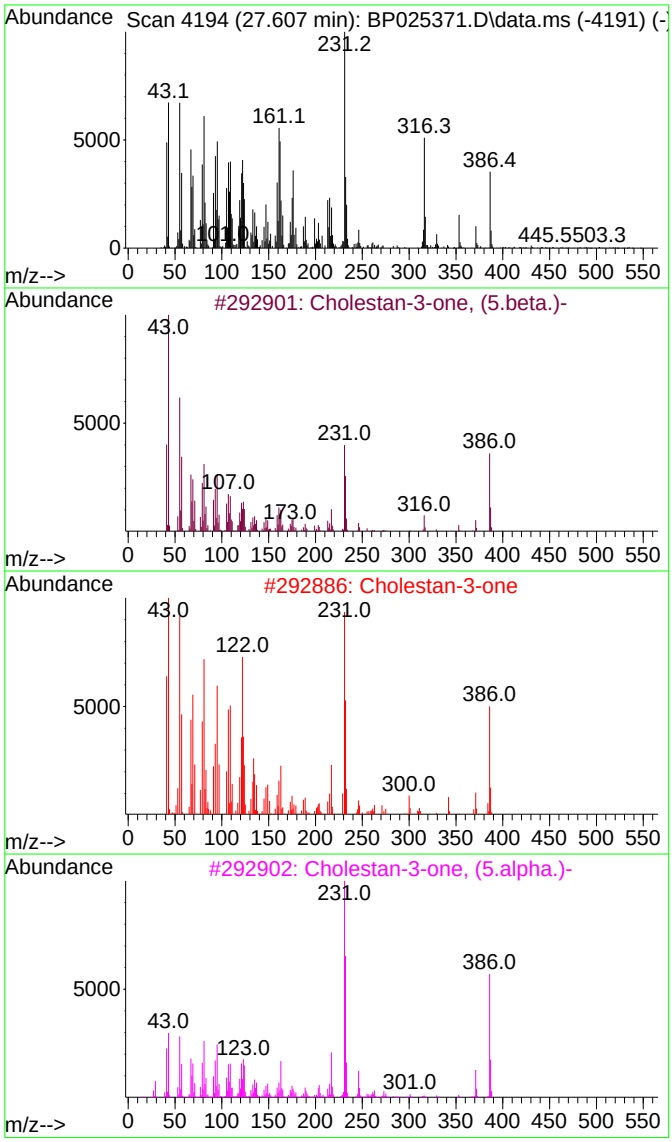
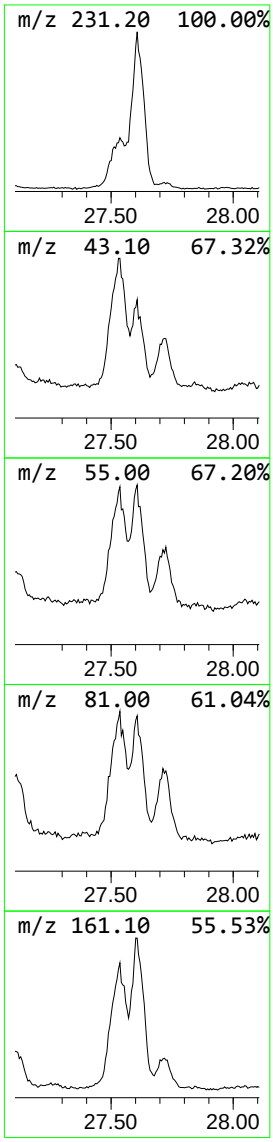
Peak Number 16 Cholestan-3-one, (5.beta.)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.607	29.90 ng	5340490	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	90
2	Cholestan-3-one	386	C27H46O	015600-08-5	60
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	45
4	Cholestan-2-one	386	C27H46O	1010210-43-4	45
5	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	45





Sample Results: **BP025371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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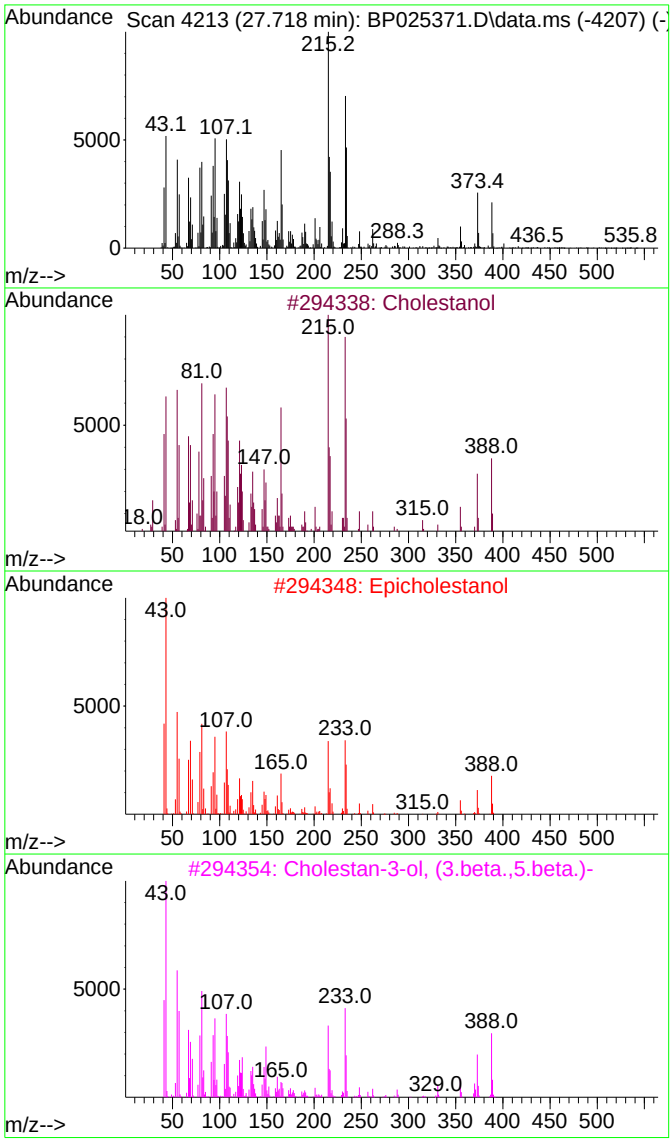
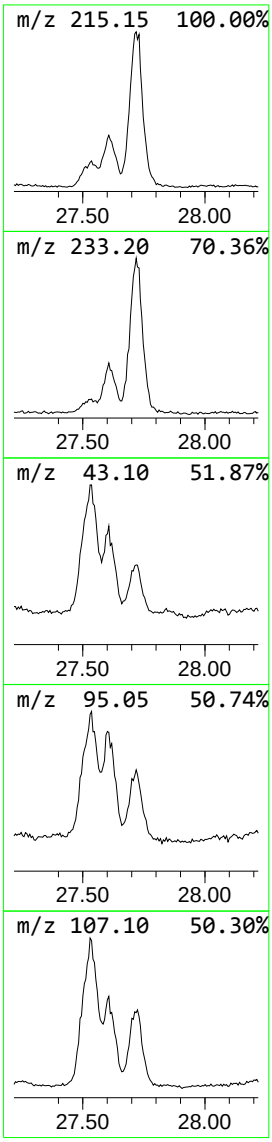
Peak Number 17 Epicholestanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.718	24.90 ng	4446920	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestanol	388	C27H48O	000080-97-7	99
2	Epicholestanol	388	C27H48O	000516-95-0	93
3	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	58
4	Cholestan-3-ol	388	C27H48O	027409-41-2	49
5	4-Cholestanol	388	C27H48O	1000210-30-1	35





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Acq On : 12 Aug 2025 18:00
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Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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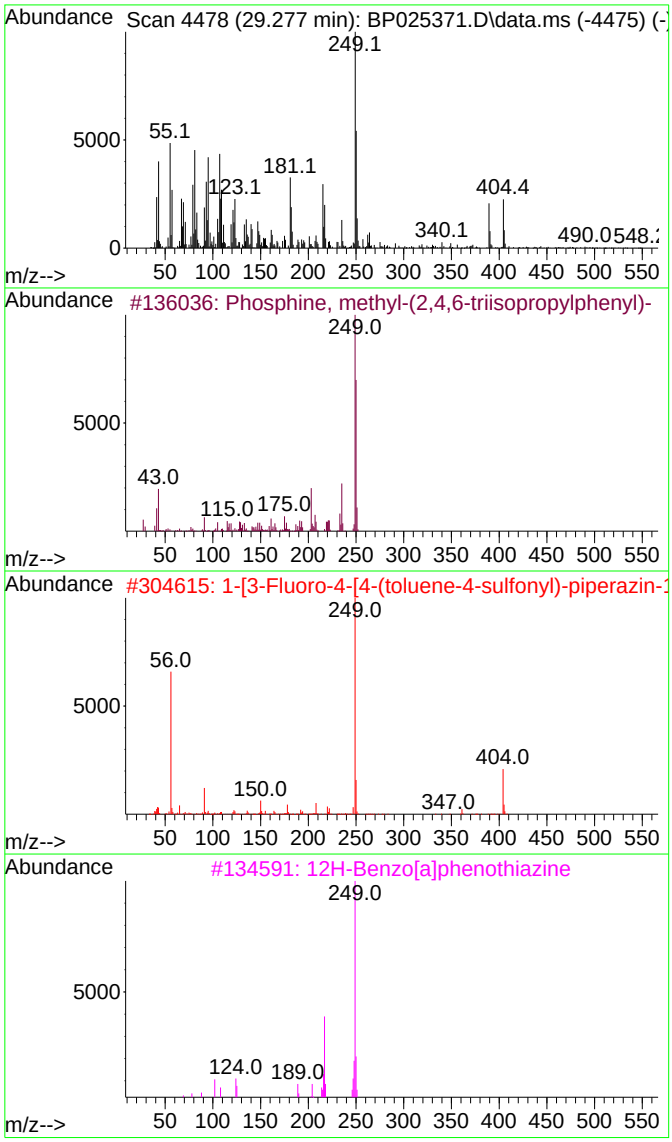
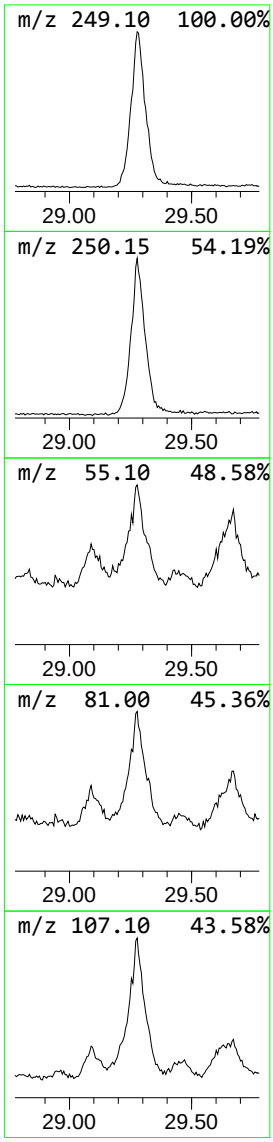
Peak Number 18 unknown29.277 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.277	26.22 ng	4682650	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine, methyl-(2,4,6-triisop...	250	C16H27P	158748-69-7	38
2	1-[3-Fluoro-4-[4-(toluene-4-sulf...	404	C21H25FN2O3S	333751-65-8	30
3	12H-Benzo[a]phenothiazine	249	C16H11NS	000225-83-2	27
4	2-Thiazolamine, 4-(3,4-dimethoxy...	250	C12H14N2O2S	1000337-84-0	25
5	4-Methoxy-15,17-diazatetracyclo[...	250	C16H14N2O	1000459-82-6	25





Sample Results: **BP025371.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

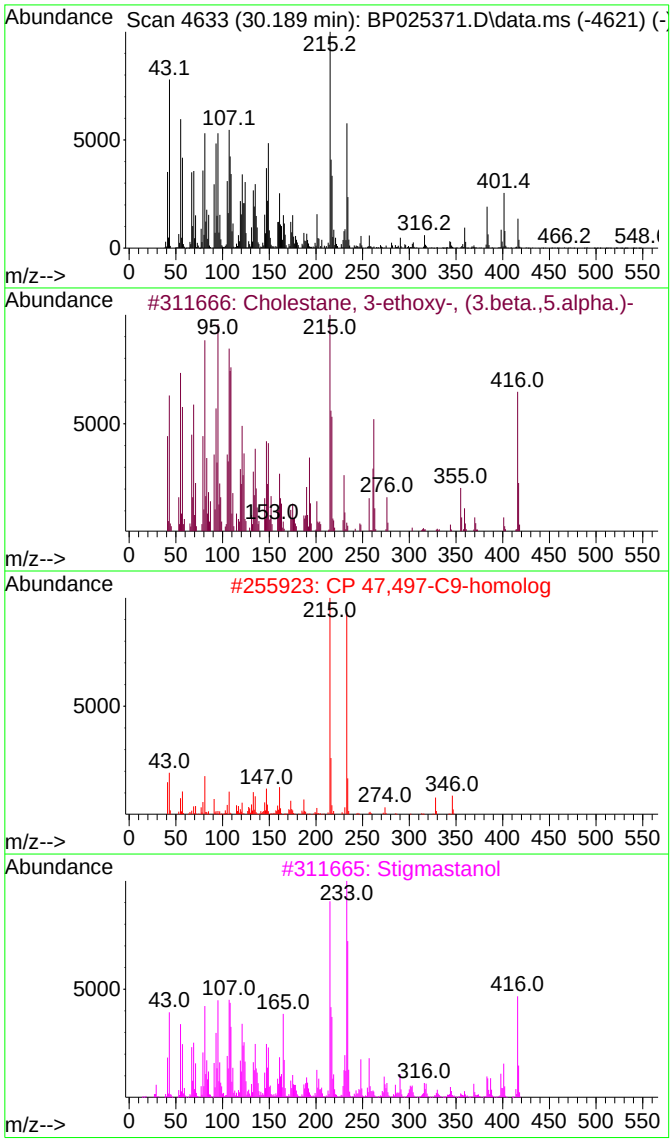
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

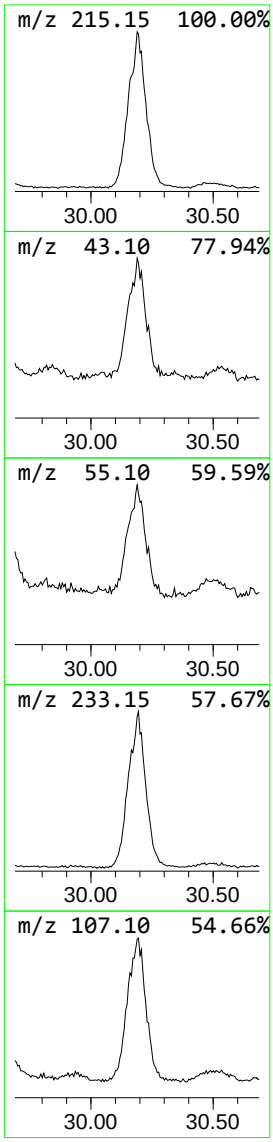
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cholestane, 3-ethoxy-, (3.b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.189	53.73 ng	9596110	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestane, 3-ethoxy-, (3.beta.,...	416	C29H52O	002089-02-3	55
2	CP 47,497-C9-homolog	346	C23H38O2	070435-08-4	43
3	Stigmastanol	416	C29H52O	019466-47-8	38
4	2-Thiophen-2-yl-imidazo[1,2-a]py...	215	C11H9N3S	1000300-55-5	22
5	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	22





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Sample : Q2818-01
Misc :
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ClientSampleId :
B-2-5-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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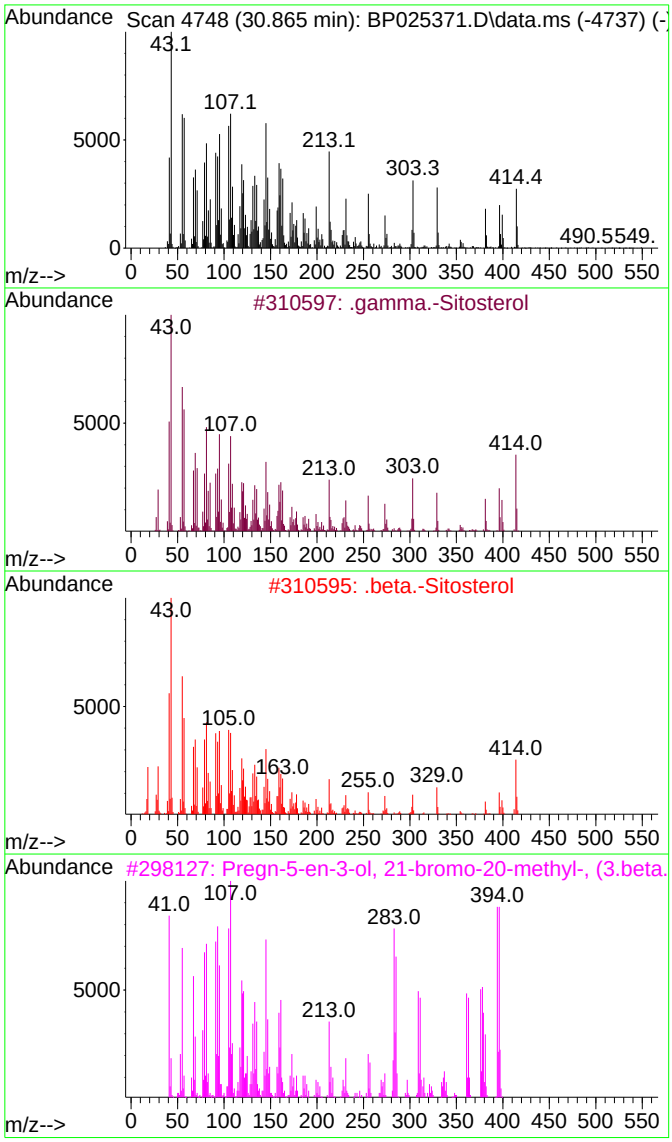
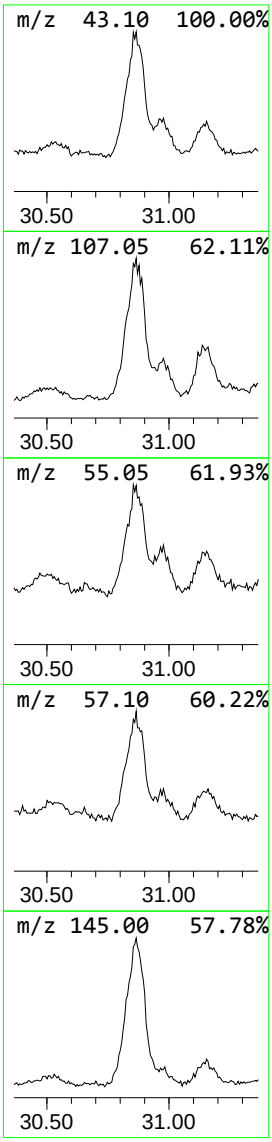
Peak Number 20 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.865	33.69 ng	6016290	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	92
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	55
5	Campesterol	400	C28H48O	000474-62-4	53





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Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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
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Oxime-, methoxy...	5.537	57.9	ng	3860440	1	7.802	1333000	20.0
Cyclotrisiloxan...	8.219	34.2	ng	2279450	1	7.802	1333000	20.0
trans-2-Phenyl-...	14.043	10.2	ng	1369320	3	14.419	2684990	20.0
n-Hexadecanoic ...	18.189	69.8	ng	11571700	4	17.225	3317370	20.0
Heptadecanoic acid	18.625	13.4	ng	2217660	4	17.225	3317370	20.0
Eicosane, 9-cyc...	18.683	6.2	ng	1021350	4	17.225	3317370	20.0
trans-13-Octade...	19.378	17.6	ng	2926180	4	17.225	3317370	20.0
Octadecanoic acid	19.507	57.6	ng	7351900	5	21.672	2551400	20.0
n-Decanoic acid	20.630	6.2	ng	784789	5	21.672	2551400	20.0
Dehydroabietic ...	21.295	11.3	ng	1435940	5	21.672	2551400	20.0
5-Eicosene, (E)-	21.342	6.7	ng	848665	5	21.672	2551400	20.0
Squalene	23.566	25.0	ng	4458580	6	25.065	3571900	20.0
5.beta.-Cholest...	27.048	164.7	ng	29421700	6	25.065	3571900	20.0
Cholesterol	27.536	65.5	ng	11705800	6	25.065	3571900	20.0
Cholestan-3-one...	27.607	29.9	ng	5340490	6	25.065	3571900	20.0
Epicholestanol	27.718	24.9	ng	4446920	6	25.065	3571900	20.0
unknown29.277	29.277	26.2	ng	4682650	6	25.065	3571900	20.0
Cholestane, 3-e...	30.189	53.7	ng	9596110	6	25.065	3571900	20.0
.gamma.-Sitosterol	30.865	33.7	ng	6016290	6	25.065	3571900	20.0

Raw Data: **BP025372.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-3-5-2	SDG No.:	Q2818
Lab Sample ID:	Q2818-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025372.D	1	08/12/25 09:15	08/12/25 18:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	370	ug/Kg
108-95-2	Phenol	24.7	U	24.7	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.2	U	27.2	190	ug/Kg
95-57-8	2-Chlorophenol	27.3	U	27.3	190	ug/Kg
95-48-7	2-Methylphenol	33.5	U	33.5	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42.0	U	42.0	190	ug/Kg
98-86-2	Acetophenone	33.0	U	33.0	190	ug/Kg
65794-96-9	3+4-Methylphenols	46.0	U	46.0	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.0	U	53.0	89.5	ug/Kg
67-72-1	Hexachloroethane	19.7	U	19.7	190	ug/Kg
98-95-3	Nitrobenzene	20.5	U	20.5	190	ug/Kg
78-59-1	Isophorone	36.7	U	36.7	190	ug/Kg
88-75-5	2-Nitrophenol	65.1	U	65.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	72.5	U	72.5	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	34.5	U	34.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.7	U	31.7	190	ug/Kg
91-20-3	Naphthalene	25.4	U	25.4	190	ug/Kg
106-47-8	4-Chloroaniline	39.6	U	39.6	190	ug/Kg
87-68-3	Hexachlorobutadiene	28.3	U	28.3	190	ug/Kg
105-60-2	Caprolactam	58.3	U	58.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32.1	U	32.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.6	U	28.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.2	U	22.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.6	UQ	32.6	190	ug/Kg
92-52-4	1,1-Biphenyl	24.4	U	24.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	25.2	U	25.2	190	ug/Kg
88-74-4	2-Nitroaniline	53.8	U	53.8	190	ug/Kg
131-11-3	Dimethylphthalate	30.3	U	30.3	190	ug/Kg

Raw Data: **BP025372.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-3-5-2	SDG No.:	Q2818
Lab Sample ID:	Q2818-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025372.D	1	08/12/25 09:15	08/12/25 18:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	32.3	U	32.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.6	U	37.6	190	ug/Kg
99-09-2	3-Nitroaniline	51.5	U	51.5	190	ug/Kg
83-32-9	Acenaphthene	23.8	U	23.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	370	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	370	ug/Kg
132-64-9	Dibenzofuran	25.4	U	25.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.1	U	56.1	190	ug/Kg
84-66-2	Diethylphthalate	31.7	U	31.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.9	U	29.9	190	ug/Kg
86-73-7	Fluorene	28.3	U	28.3	190	ug/Kg
100-01-6	4-Nitroaniline	71.8	U	71.8	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.8	U	36.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31.1	U	31.1	190	ug/Kg
118-74-1	Hexachlorobenzene	28.3	U	28.3	190	ug/Kg
1912-24-9	Atrazine	38.0	U	38.0	190	ug/Kg
87-86-5	Pentachlorophenol	57.4	U	57.4	370	ug/Kg
85-01-8	Phenanthrene	23.4	U	23.4	190	ug/Kg
120-12-7	Anthracene	37.3	U	37.3	190	ug/Kg
86-74-8	Carbazole	34.9	U	34.9	190	ug/Kg
84-74-2	Di-n-butylphthalate	53.6	U	53.6	190	ug/Kg
206-44-0	Fluoranthene	33.6	U	33.6	190	ug/Kg
129-00-0	Pyrene	40.3	U	40.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	79.9	U	79.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41.1	U	41.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	25.7	U	25.7	190	ug/Kg
218-01-9	Chrysene	22.3	U	22.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	66.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	97.1	U	97.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.3	U	21.3	190	ug/Kg

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-3-5-2	SDG No.:	Q2818
Lab Sample ID:	Q2818-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025372.D	1	08/12/25 09:15	08/12/25 18:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	25.1	U	25.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	33.0	U	33.0	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.6	U	32.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.7	U	30.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.8	U	28.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.6	U	28.6	190	ug/Kg
123-91-1	1,4-Dioxane	50.6	U	50.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.7	U	30.7	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	82.8		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	76.9		15 - 107	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.6		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.6		20 - 109	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		10 - 116	72%	SPK: 150
1718-51-0	Terphenyl-d14	54.3		10 - 105	54%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	234000	7.802			
1146-65-2	Naphthalene-d8	947000	10.572			
15067-26-2	Acenaphthene-d10	581000	14.431			
1517-22-2	Phenanthrene-d10	1110000	17.225			
1719-03-5	Chrysene-d12	1090000	21.672			
1520-96-3	Perylene-d12	1280000	25.071			
TENTATIVE IDENTIFIED COMPOUNDS						
001066-42-8	Silanediol, dimethyl-	230	J		2.98	ug/Kg
000994-05-8	Butane, 2-methoxy-2-methyl-	990	J		3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	AB		4.96	ug/Kg
1000222-86-6	Oxime-, methoxy-phenyl-	1300	J		5.54	ug/Kg
055429-29-3	Arsenous acid, tris(trimethylsilyl	750	J		8.21	ug/Kg
000573-57-9	1,4-Epoxynaphthalene, 1,4-dihydro-	400	J		14.1	ug/Kg
000119-61-9	Benzophenone	260	J		15.8	ug/Kg

Raw Data: **BP025372.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-3-5-2	SDG No.:	Q2818
Lab Sample ID:	Q2818-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025372.D	1	08/12/25 09:15	08/12/25 18:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000057-10-3	n-Hexadecanoic acid	2300	J		18.2	ug/Kg
000506-12-7	Heptadecanoic acid	340	J		18.6	ug/Kg
002027-47-6	9-Octadecenoic acid	820	J		19.4	ug/Kg
000057-11-4	Octadecanoic acid	1800	J		19.5	ug/Kg
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	230	J		20.6	ug/Kg
001740-19-8	Dehydroabietic acid	260	J		21.3	ug/Kg
088104-31-8	2- Chloropropionic acid, octadecyl	410	J		21.3	ug/Kg
000111-02-4	Squalene	1200	J		23.6	ug/Kg
1000514-95-7	5.beta.-Cholestan-3.alpha.-ol, 2-m	7500	J		27.0	ug/Kg
000057-88-5	Cholesterol	1900	J		27.5	ug/Kg
000080-97-7	Cholestanol	1200	J		27.7	ug/Kg
002089-02-3	Cholestane, 3-ethoxy-, (3.beta.,5.	2600	J		30.2	ug/Kg
000083-47-6	.gamma.-Sitosterol	450	J		30.8	ug/Kg

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Quant Time: Aug 12 22:59:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	234324	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	947209	20.000	ng	0.00
39) Acenaphthene-d10	14.431	164	581002	20.000	ng	0.01
64) Phenanthrene-d10	17.225	188	1109318	20.000	ng	0.00
76) Chrysene-d12	21.672	240	1089871	20.000	ng	0.01
86) Perylene-d12	25.071	264	1282536	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1205881	82.770	ng	0.00
7) Phenol-d6	6.972	99	1474553	76.904	ng	0.00
23) Nitrobenzene-d5	8.937	82	968536	56.649	ng	0.00
42) 2,4,6-Tribromophenol	15.943	330	629138	108.544	ng	0.02
45) 2-Fluorobiphenyl	13.037	172	2296831	54.602	ng	0.00
79) Terphenyl-d14	19.948	244	3133751	54.309	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.601	149	186215	3.968	ng	# 97

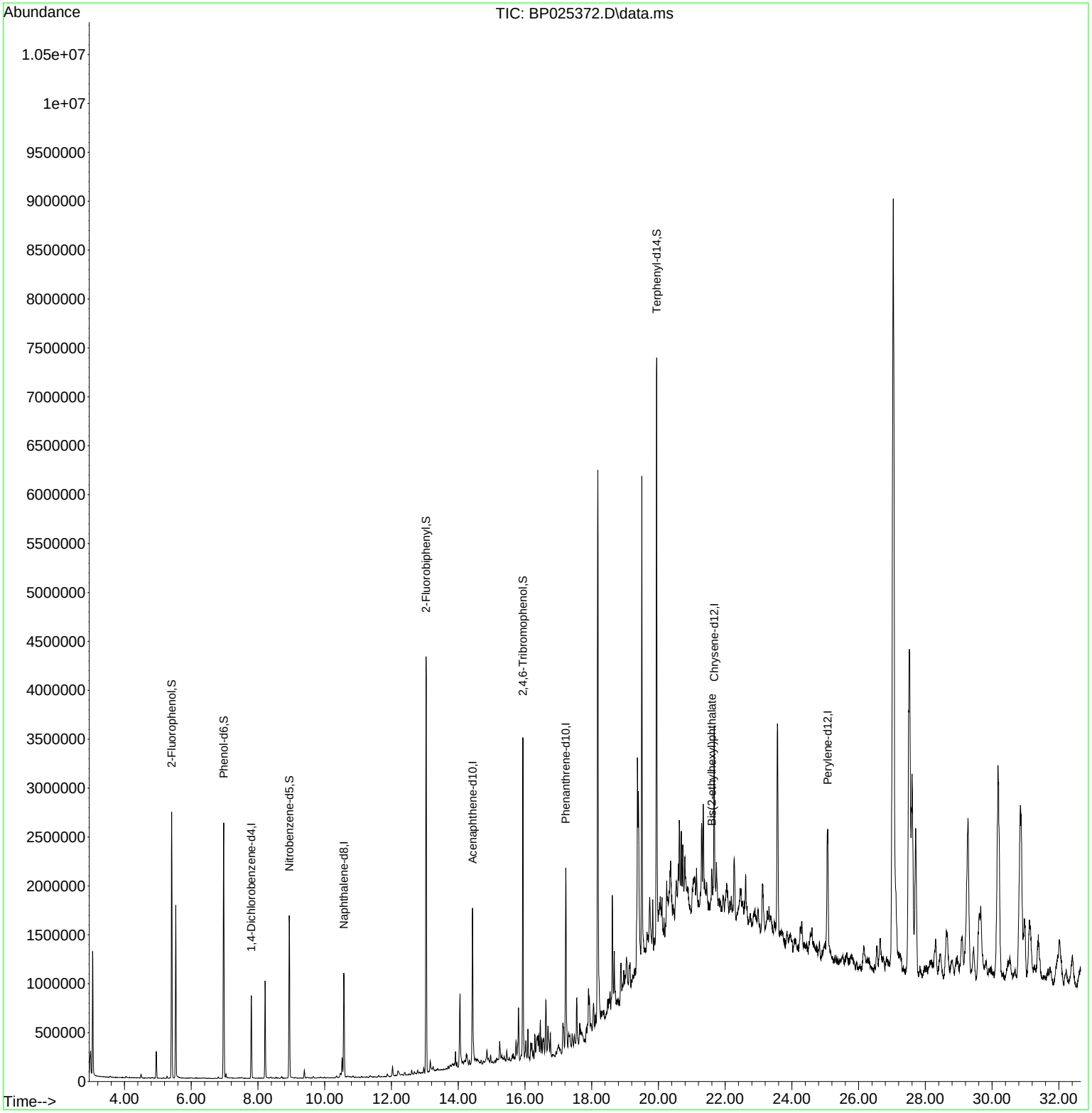
(#) = qualifier out of range (m) = manual integration (+) = signals summed

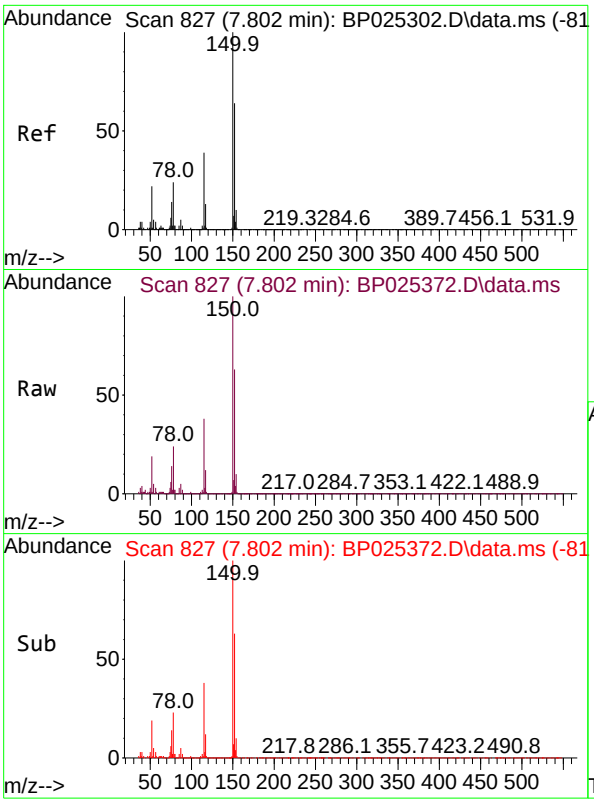
Sample Results: **BP025372.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Quant Time: Aug 12 22:59:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration



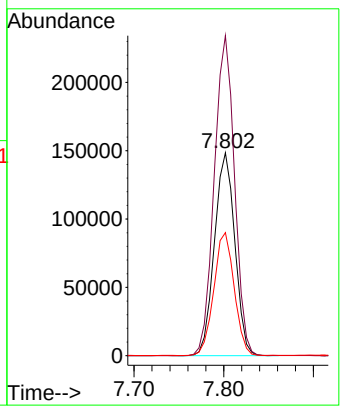


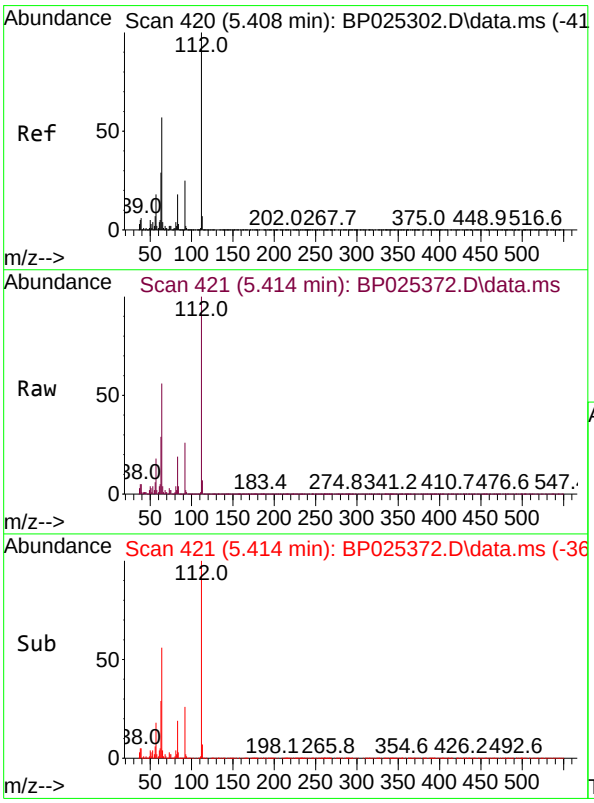
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Tgt Ion:152 Resp: 234324

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.1	187.7
115	60.6	48.4	72.6

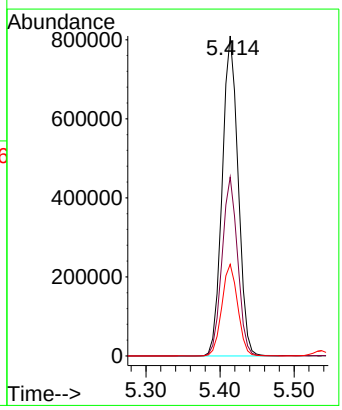


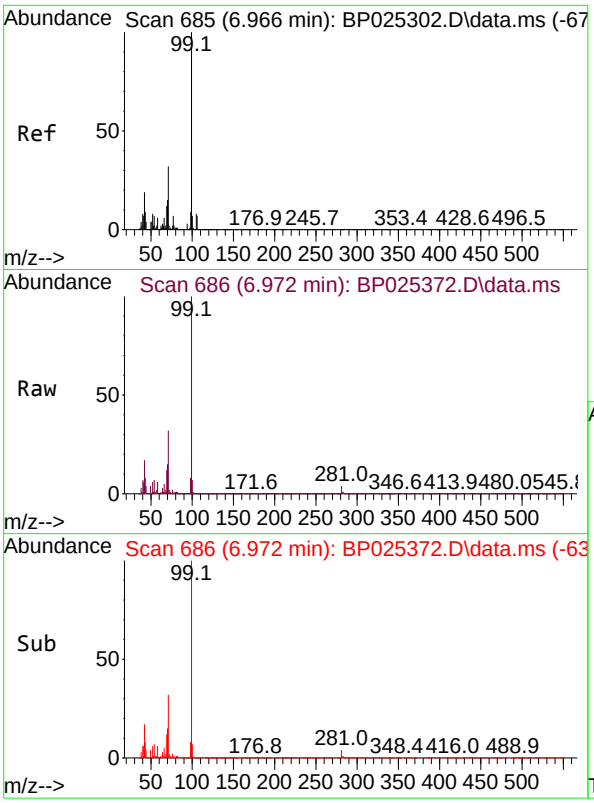


#5
2-Fluorophenol
Concen: 82.770 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion:112 Resp: 1205881

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.3	67.9
63	28.7	23.0	34.6



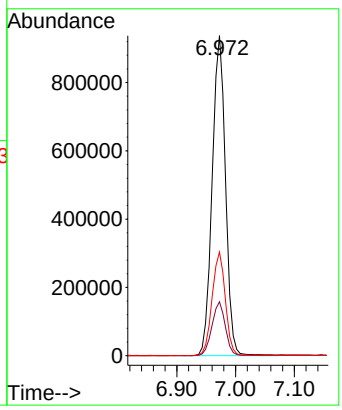


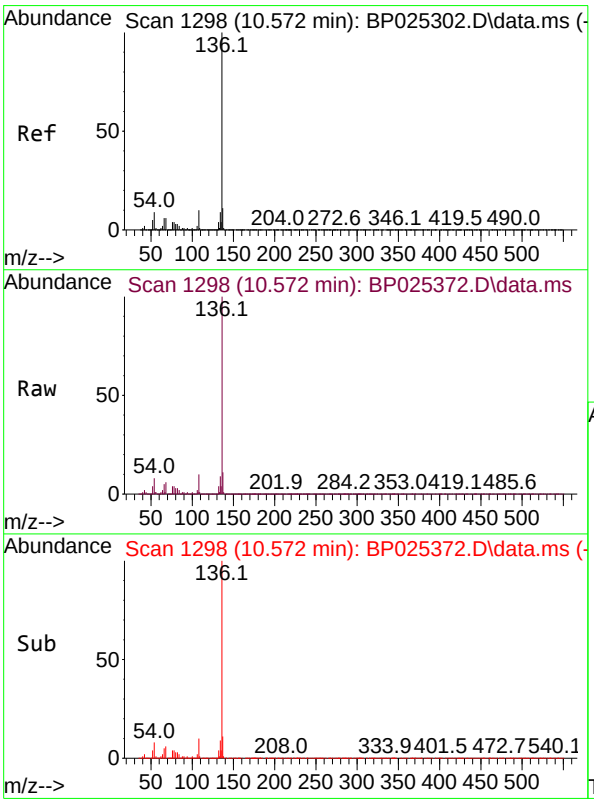
#7
Phenol-d6
Concen: 76.904 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Tgt Ion: 99 Resp: 1474553

Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.0	22.6
71	32.4	25.5	38.3

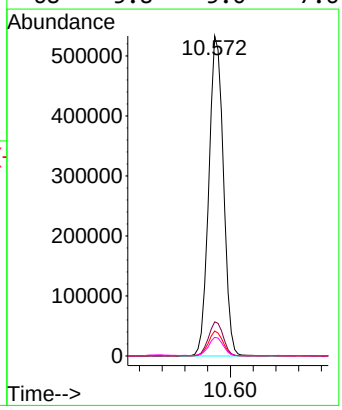


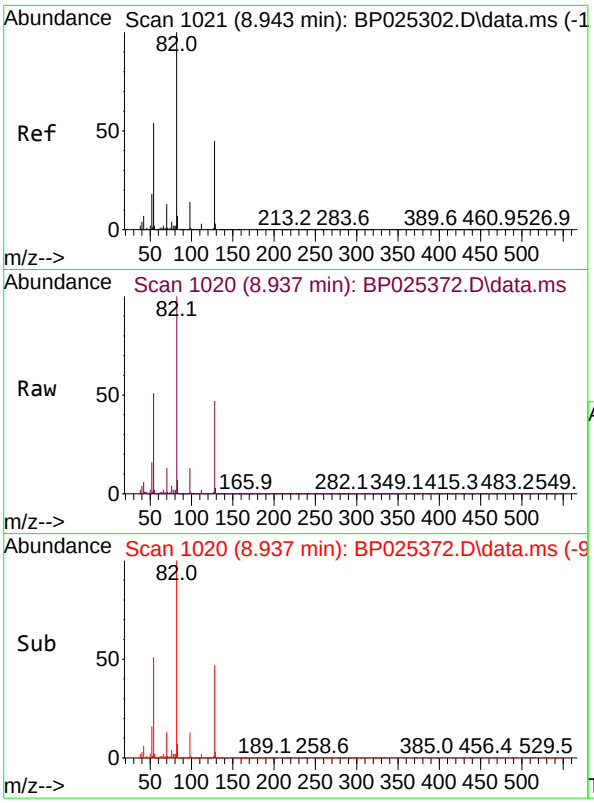


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion:136 Resp: 947209

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.8	7.0	10.6
68	5.8	5.0	7.6



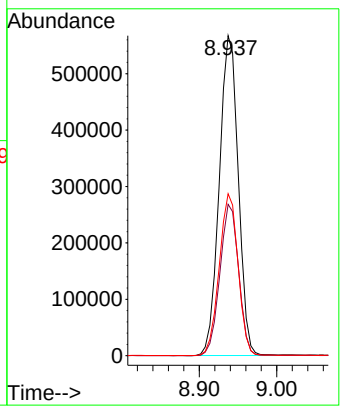


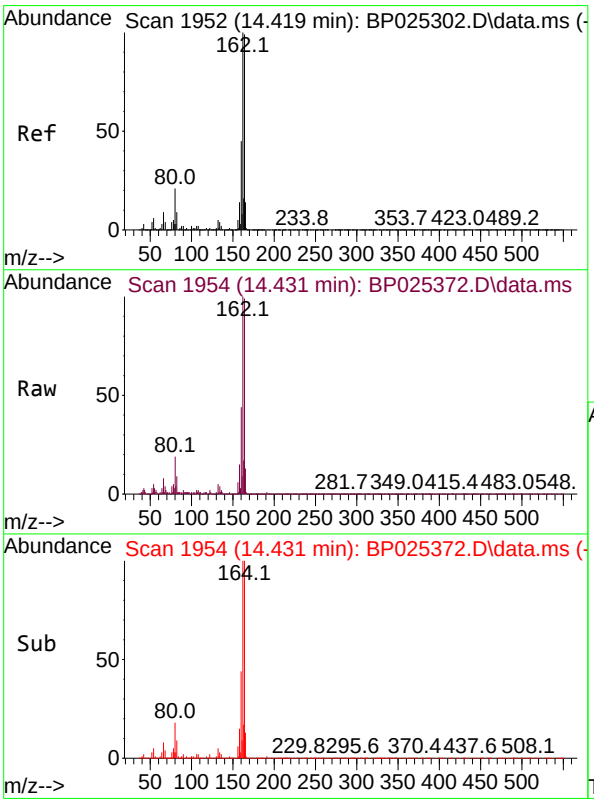
#23
Nitrobenzene-d5
Concen: 56.649 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Tgt Ion: 82 Resp: 968536

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.4	53.2
54	50.6	42.9	64.3

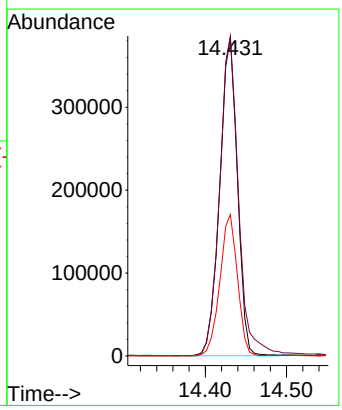


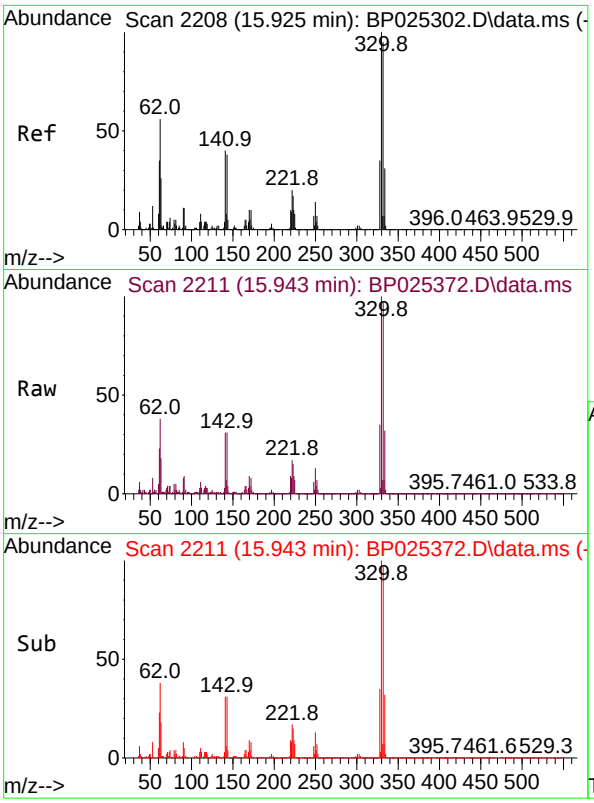


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.012 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion:164 Resp: 581002

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.5	35.9	53.9



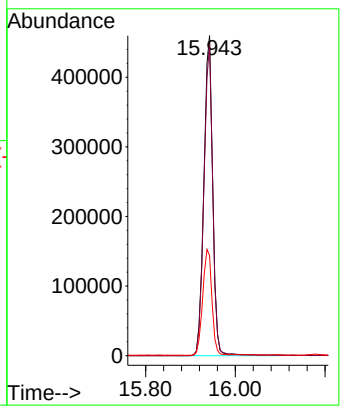


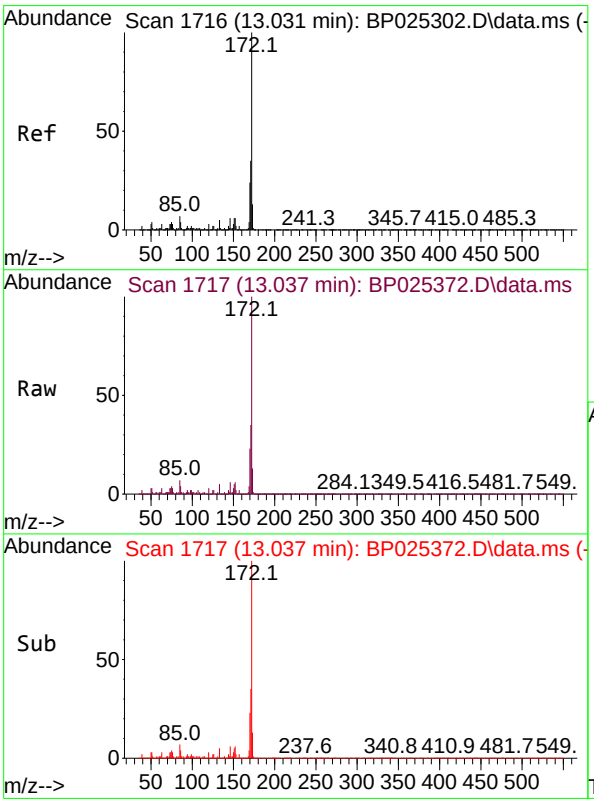
#42
2,4,6-Tribromophenol
Concen: 108.544 ng
RT: 15.943 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Tgt Ion:330 Resp: 629138

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	34.3	31.7	47.5

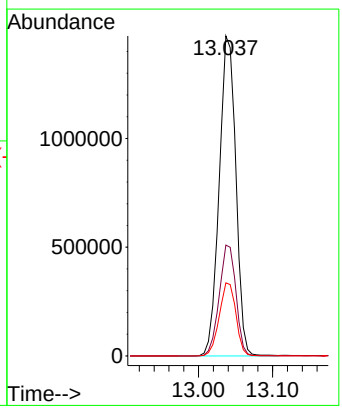


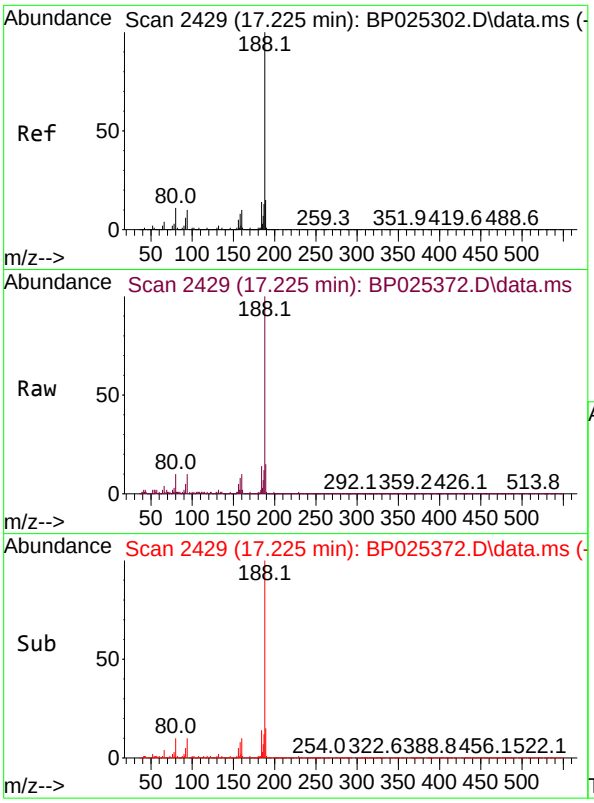


#45
2-Fluorobiphenyl
Concen: 54.602 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion:172 Resp: 2296831

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	22.9	18.9	28.3



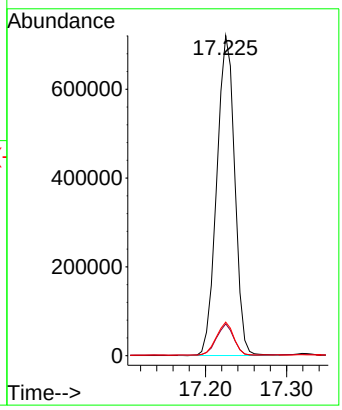


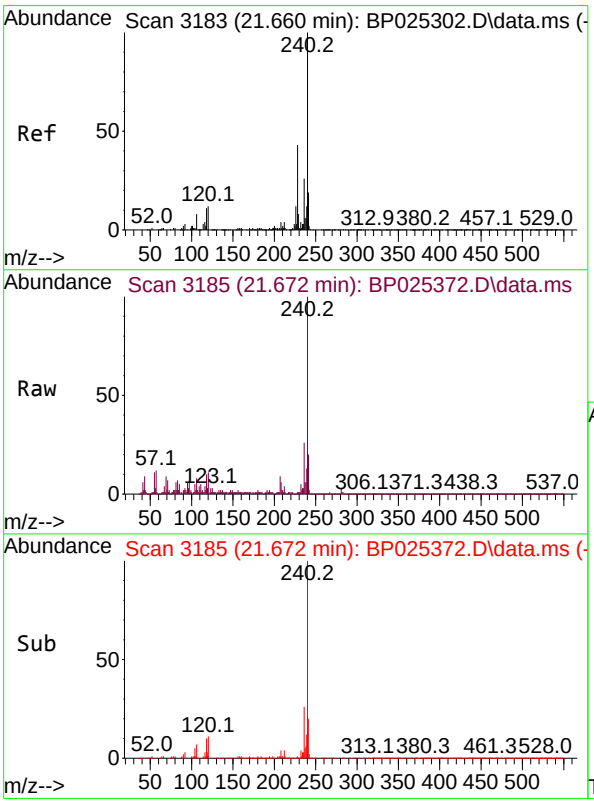
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Tgt Ion:188 Resp: 1109318

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.5	8.5	12.7

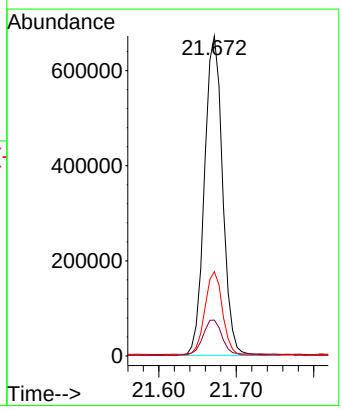


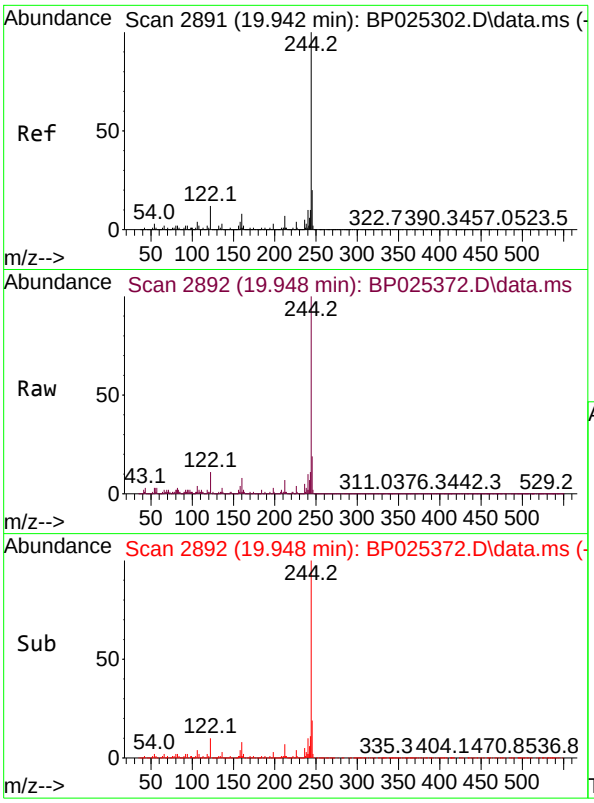


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion:240 Resp: 1089871

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	26.4	20.4	30.6



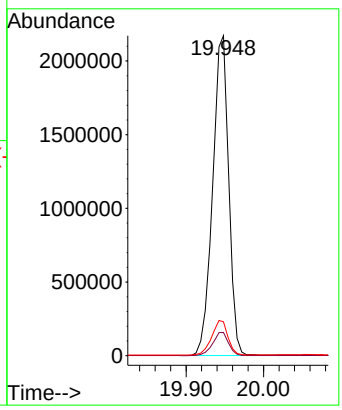


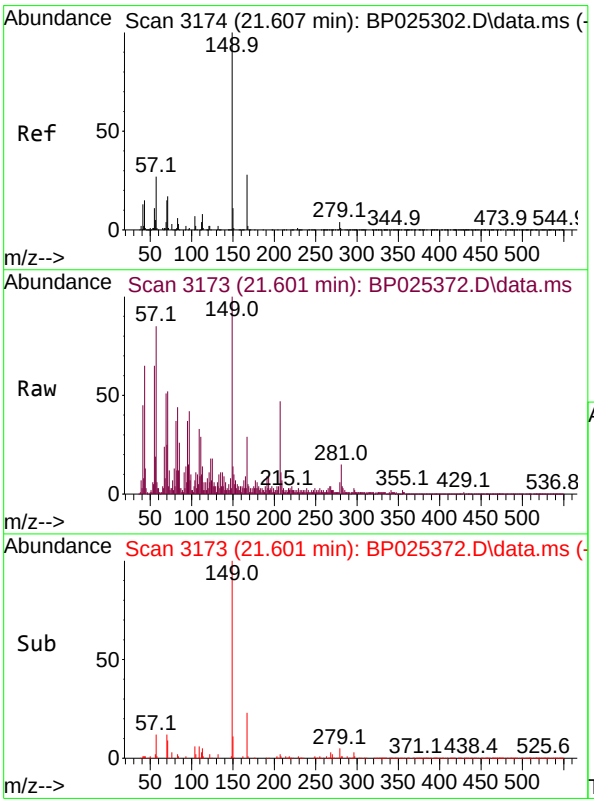
#79
Terphenyl-d14
Concen: 54.309 ng
RT: 19.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Tgt Ion:244 Resp: 3133751

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.6	9.5	14.3

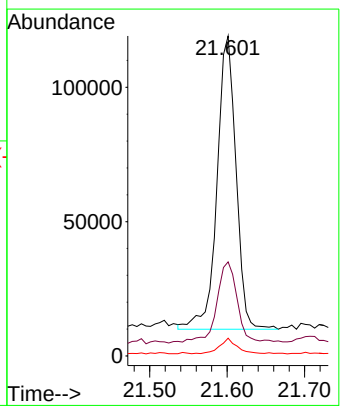


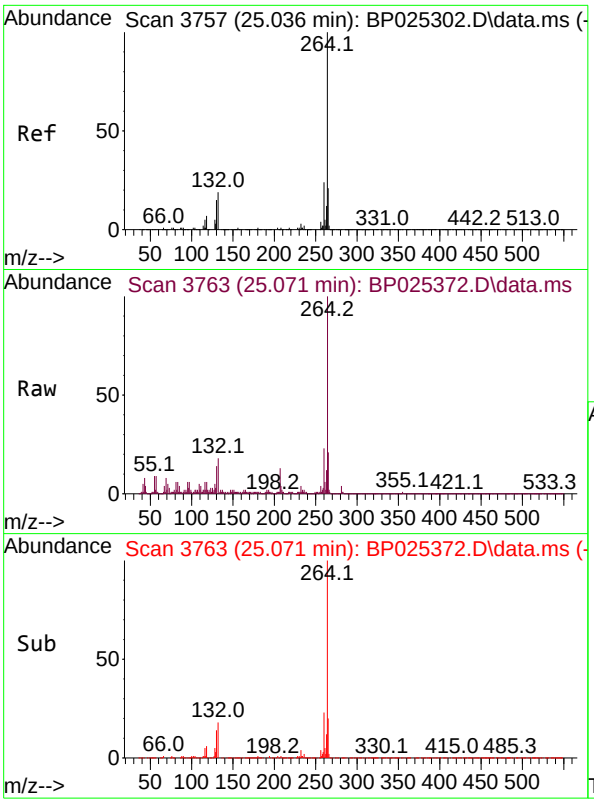


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.968 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion:149 Resp: 186215

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.1	33.1
279	5.5	3.4	5.2#



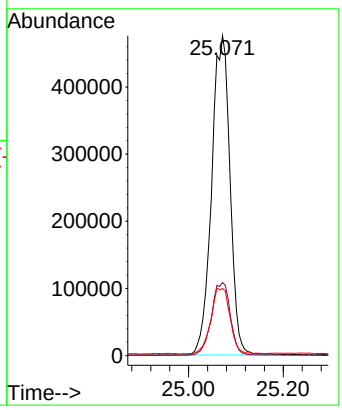


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.071 min Scan# 3
Delta R.T. 0.035 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Tgt Ion:264 Resp: 1282536

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	17.1	25.7



Sample Results: **BP025372.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.984	3	8	13	rVB2	228128	411029	1.38%	0.278%
2	3.043	13	18	34	rVB	1272701	1797948	6.04%	1.215%
3	4.955	337	343	350	rVB	272200	403971	1.36%	0.273%
4	5.414	414	421	430	rVB	2719577	4015165	13.49%	2.713%
5	5.537	434	442	452	rBV	1767474	2359848	7.93%	1.595%
6	6.972	677	686	694	rBV	2612872	4167902	14.00%	2.817%
7	7.802	820	827	835	rBV	847142	1353706	4.55%	0.915%
8	8.214	889	897	908	rBV	996963	1369721	4.60%	0.926%
9	8.937	1012	1020	1030	rBV	1659578	2844081	9.55%	1.922%
10	10.519	1285	1289	1293	rVV	195653	321584	1.08%	0.217%
11	10.572	1293	1298	1307	rVB	1063070	1893662	6.36%	1.280%
12	13.037	1710	1717	1728	rBV	4261283	6612313	22.21%	4.468%
13	14.054	1882	1890	1901	rBV	742758	1546716	5.20%	1.045%
14	14.431	1946	1954	1965	rBV	1588547	2857573	9.60%	1.931%
15	15.731	2171	2175	2180	rBV5	182827	311492	1.05%	0.211%
16	15.807	2181	2188	2194	rVB2	538087	984104	3.31%	0.665%
17	15.937	2205	2210	2218	rVB	3262726	4797048	16.12%	3.242%
18	16.090	2232	2236	2241	rVB2	294396	400468	1.35%	0.271%
19	16.295	2267	2271	2275	rBV	245819	375638	1.26%	0.254%
20	16.460	2295	2299	2303	rVB	341943	418319	1.41%	0.283%
21	16.625	2322	2327	2333	rBV4	532441	951859	3.20%	0.643%
22	16.690	2335	2338	2347	rVV2	290332	636414	2.14%	0.430%
23	16.766	2347	2351	2358	rVB	240484	346332	1.16%	0.234%
24	17.142	2410	2415	2417	rBV2	279746	521491	1.75%	0.352%
25	17.225	2423	2429	2439	rVB2	1835078	3271335	10.99%	2.211%
26	17.554	2480	2485	2493	rVB	472287	841226	2.83%	0.568%
27	17.642	2495	2500	2503	rBV2	215372	346291	1.16%	0.234%
28	17.901	2541	2544	2547	rBV2	377956	514929	1.73%	0.348%
29	18.054	2566	2570	2576	rVB3	243082	433195	1.46%	0.293%
30	18.184	2585	2592	2606	rBV	5633968	10272650	34.51%	6.942%
31	18.619	2662	2666	2673	rBV3	1055709	1510307	5.07%	1.021%
32	18.678	2673	2676	2681	rVV	436970	460873	1.55%	0.311%
33	18.878	2705	2710	2714	rBV2	369712	724536	2.43%	0.490%
34	19.372	2786	2794	2796	rBV2	2194175	3597543	12.09%	2.431%
35	19.501	2811	2816	2827	rBV	4891749	6533393	21.95%	4.415%
36	19.831	2869	2872	2876	rVB	521315	658953	2.21%	0.445%

Sample Results: **BP025372.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.948	2886	2892	2899	rBV	5858807	8969820	30.13%	6.062%
38	20.625	3005	3007	3012	rVB3	642975	817509	2.75%	0.552%
39	20.683	3015	3017	3021	rVB2	564991	598538	2.01%	0.404%
40	21.295	3118	3121	3125	rBV	616107	930659	3.13%	0.629%
41	21.342	3125	3129	3134	rVB2	872163	1456396	4.89%	0.984%
42	21.672	3181	3185	3193	rVB2	1695084	2651328	8.91%	1.792%
43	23.566	3501	3507	3515	rVB2	2155540	4884225	16.41%	3.301%
44	25.071	3757	3763	3770	rVB3	1197444	2947922	9.90%	1.992%
45	27.036	4085	4097	4119	rVB2	7720080	29766078	100.00%	20.115%
46	27.518	4169	4179	4180	rBV3	2986313	7322502	24.60%	4.948%
47	27.707	4205	4211	4226	rVB2	1515420	4840993	16.26%	3.271%
48	30.177	4620	4631	4652	rVB3	2157564	10140629	34.07%	6.853%
49	30.848	4739	4745	4748	rBV4	767532	1786661	6.00%	1.207%

Sum of corrected areas: 147976875

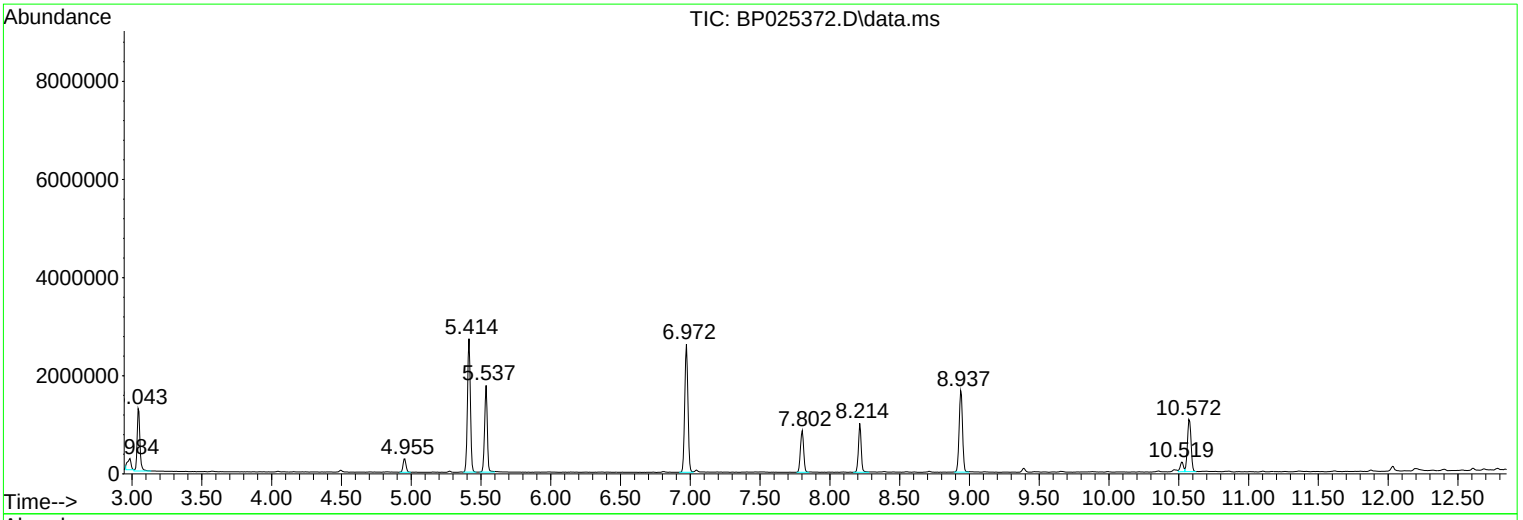
Sample Results: **BP025372.D**

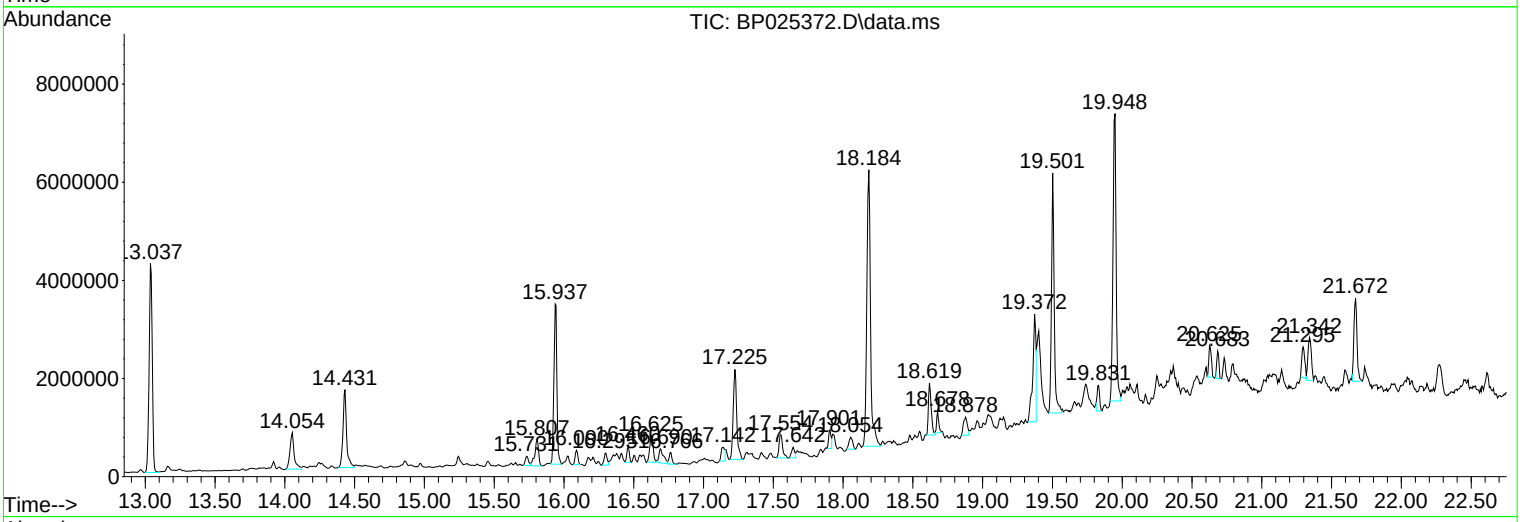
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

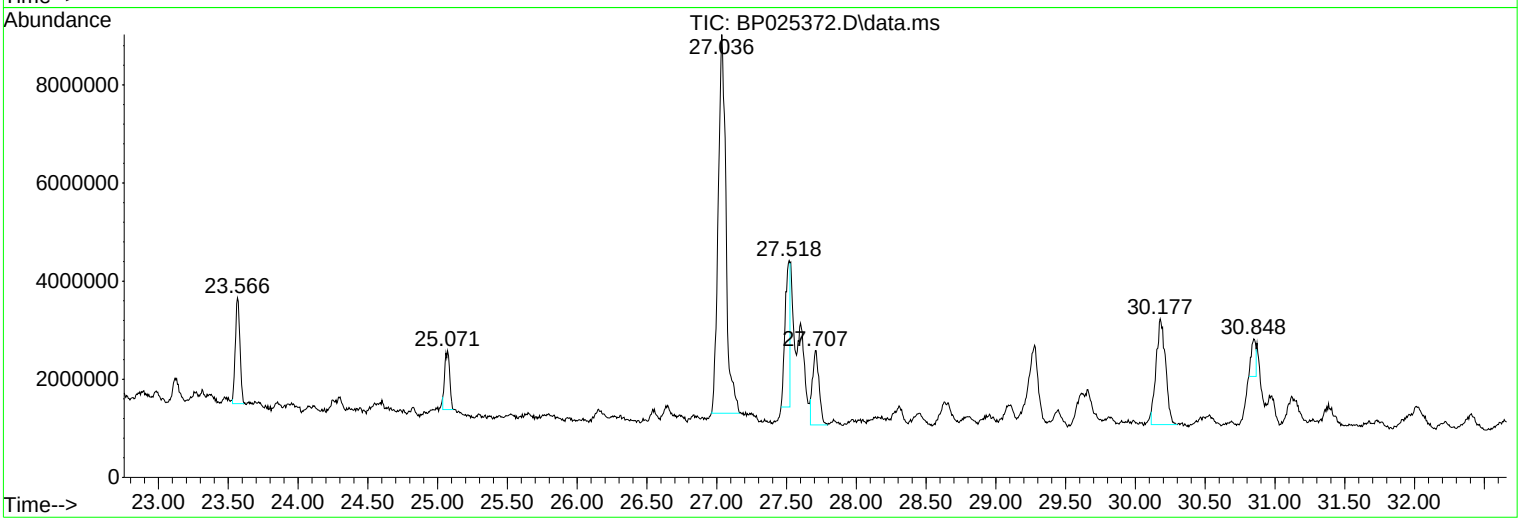
Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

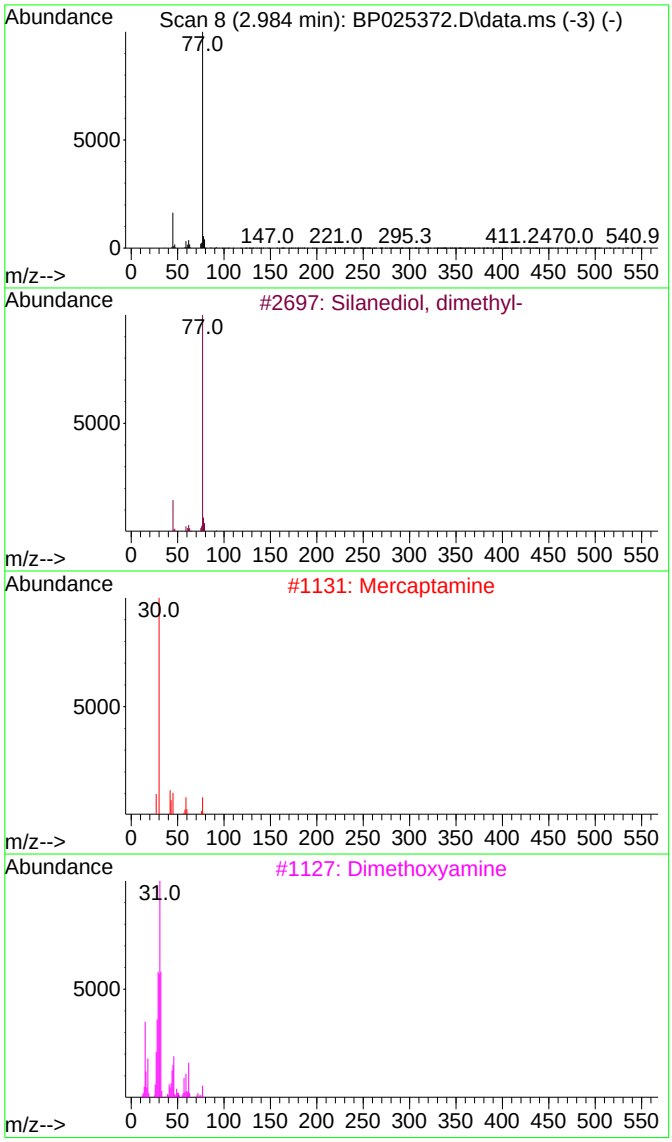
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

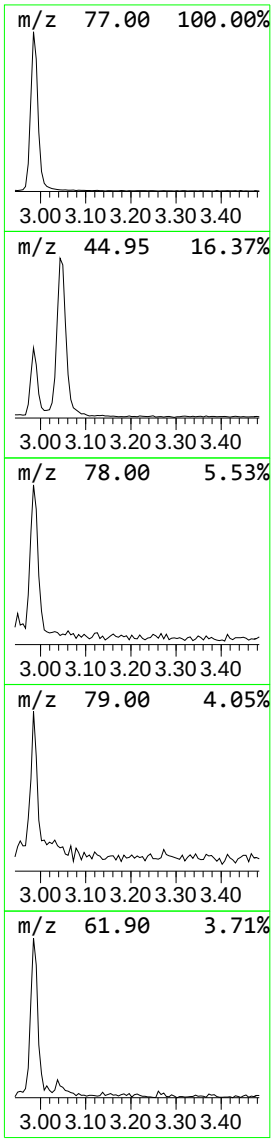
****

Peak Number 1 Silanediol, dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.984	6.07 ng	411029	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanediol, dimethyl-	92	C2H8O2Si	001066-42-8	86
2	Mercaptamine	77	C2H7NS	000060-23-1	2
3	Dimethoxyamine	77	C2H7NO2	007487-32-3	1
4	1,5-Hexadiene, 3,3,4,4-tetrafluoro-	154	C6H6F4	001763-21-9	1
5	Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	1





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

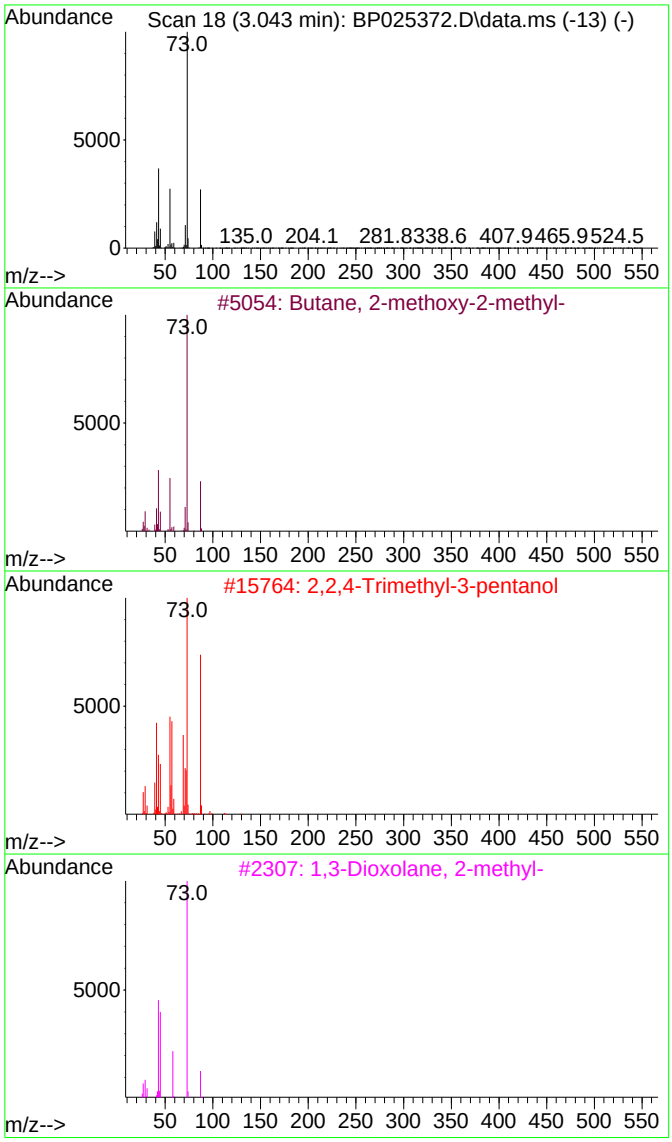
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

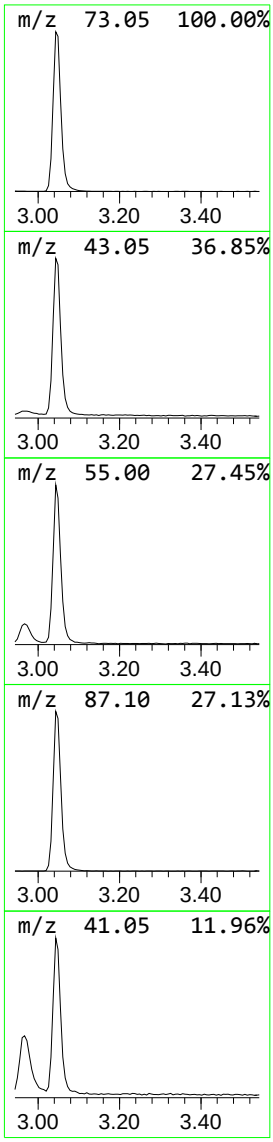
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	26.56 ng	1797950	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

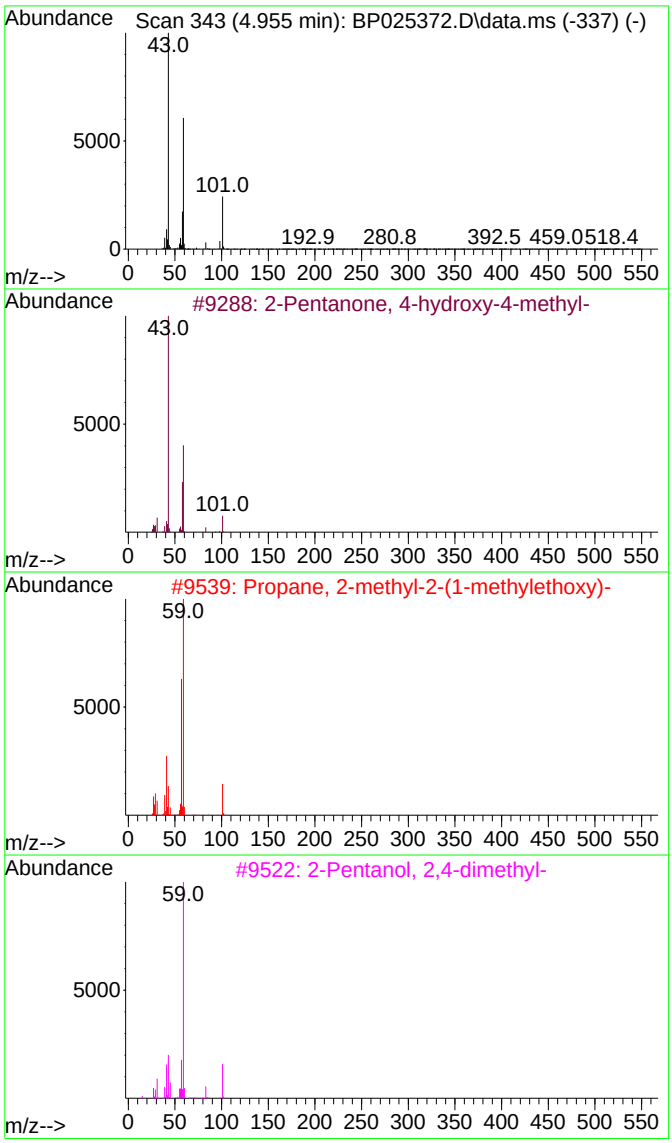
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

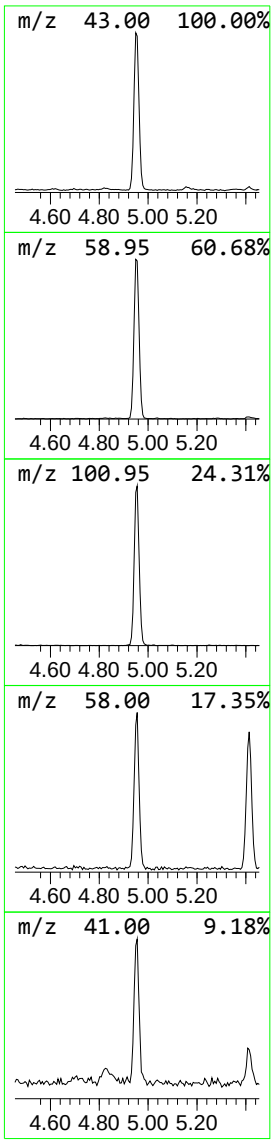
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.955	5.97 ng	403971	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Guanidine	59	CH5N3	000113-00-8	9





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Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
B-3-5-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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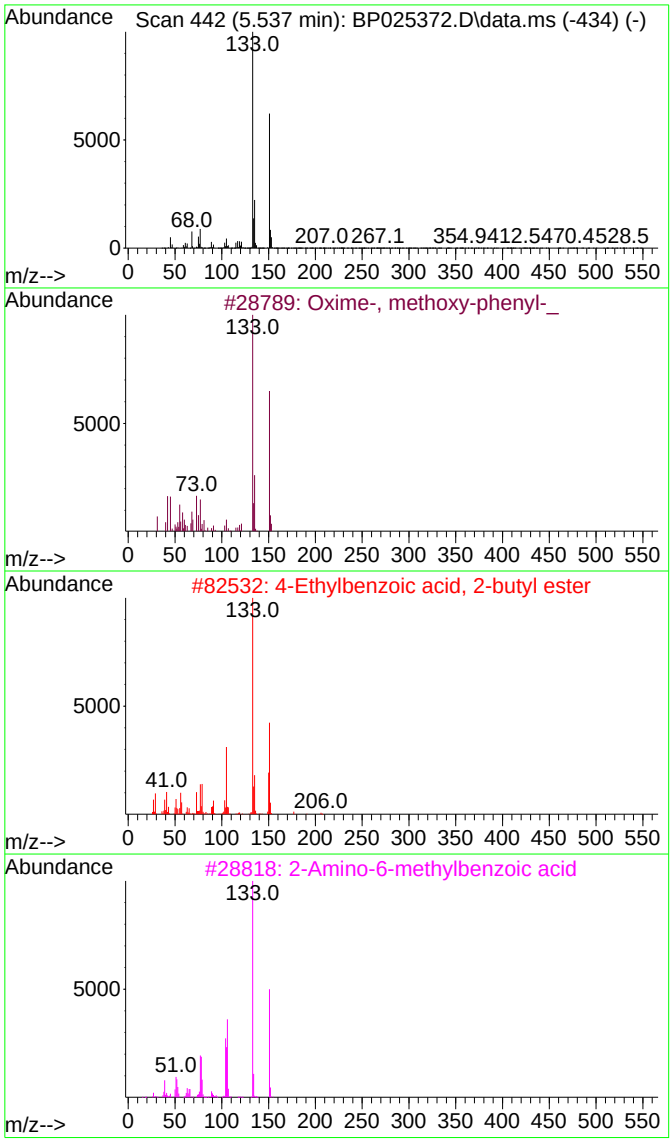
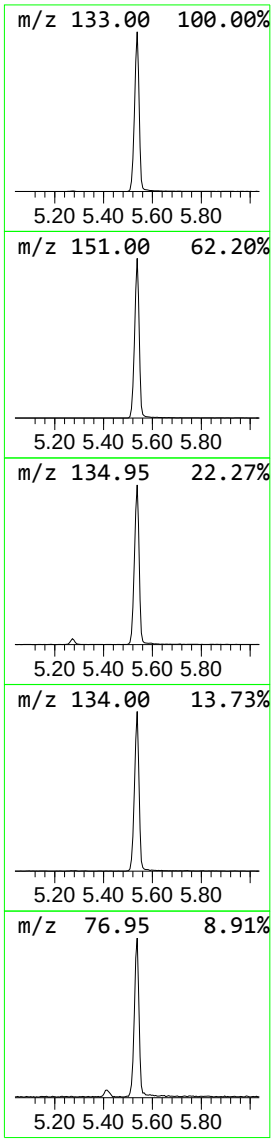
Peak Number 4 Oxime-, methoxy-phenyl-_ Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.537	34.87 ng	2359850	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxime-, methoxy-phenyl-_	151	C8H9NO2	1000222-86-6	91
2	4-Ethylbenzoic acid, 2-butyl ester	206	C13H18O2	1000293-31-8	64
3	2-Amino-6-methylbenzoic acid	151	C8H9NO2	004389-50-8	64
4	2-Amino-5-methylbenzoic acid	151	C8H9NO2	002941-78-8	64
5	4H-Furo[3,2-b]pyrrole-5-carboxyl...	151	C7H5NO3	067268-37-5	64





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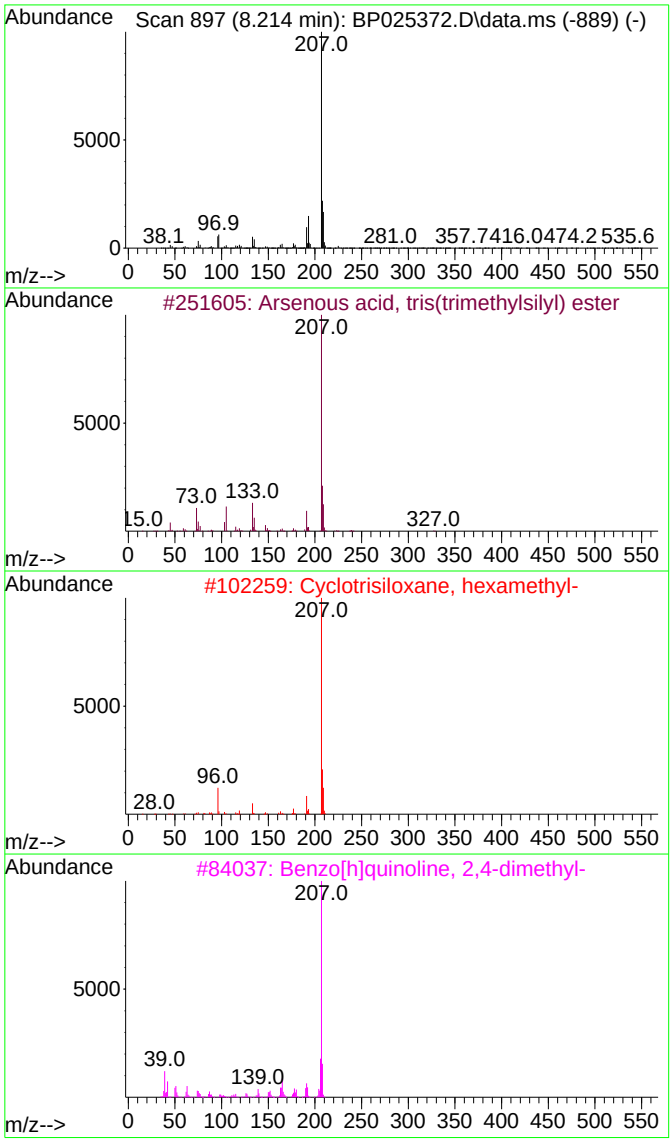
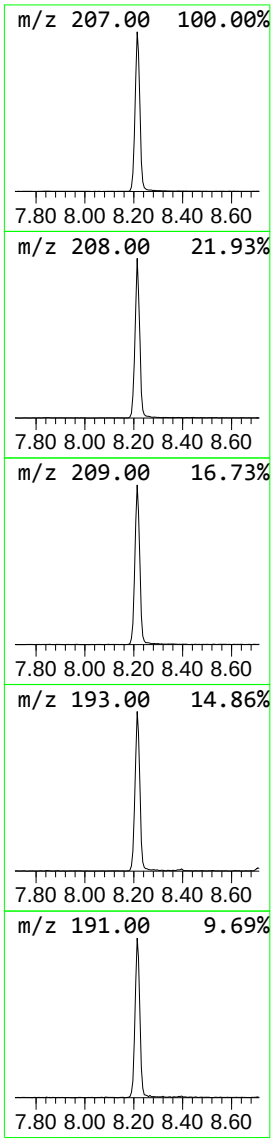
****
Peak Number 5 Arsenous acid, tris(trimeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.214	20.24 ng	1369720	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	56
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	45
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	42
5	1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	39





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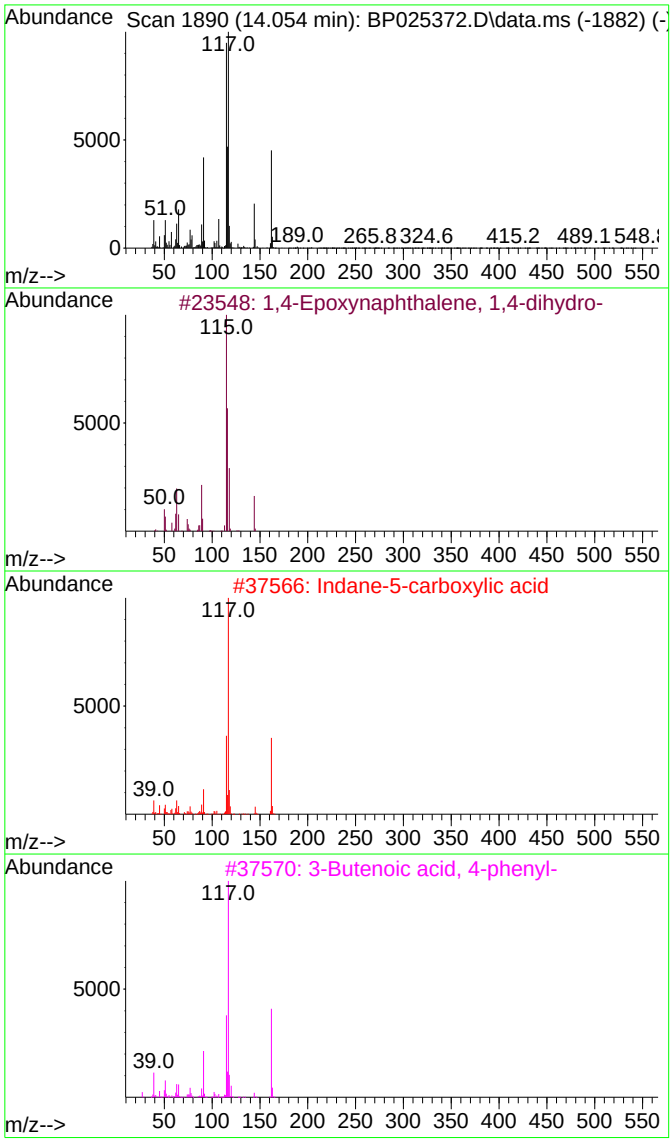
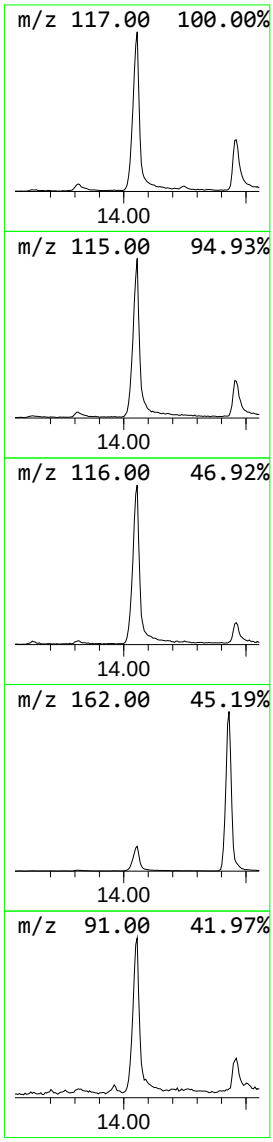
****
Peak Number 6 1,4-Epoxynaphthalene, 1,4-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.054	10.83 ng	1546720	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Epoxynaphthalene, 1,4-dihydro-	144	C10H8O	000573-57-9	50
2	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	49
3	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	46
4	.alpha.-Methylcinnamic acid	162	C10H10O2	001199-77-5	46
5	Cyclopropanecarboxylic acid, 1-p...	162	C10H10O2	006120-95-2	43





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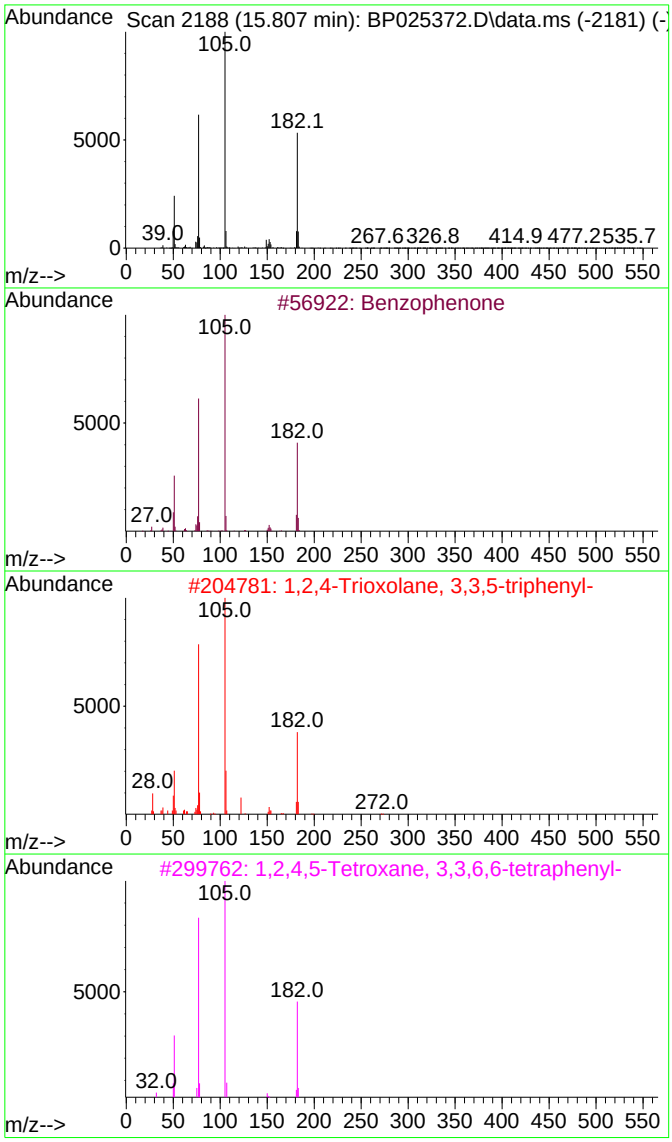
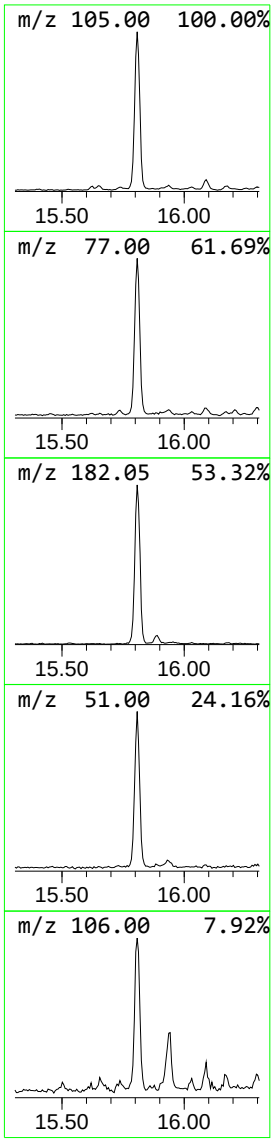
Peak Number 7 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.807	6.89 ng	984104	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5	Azobenzene	182	C12H10N2	000103-33-3	42





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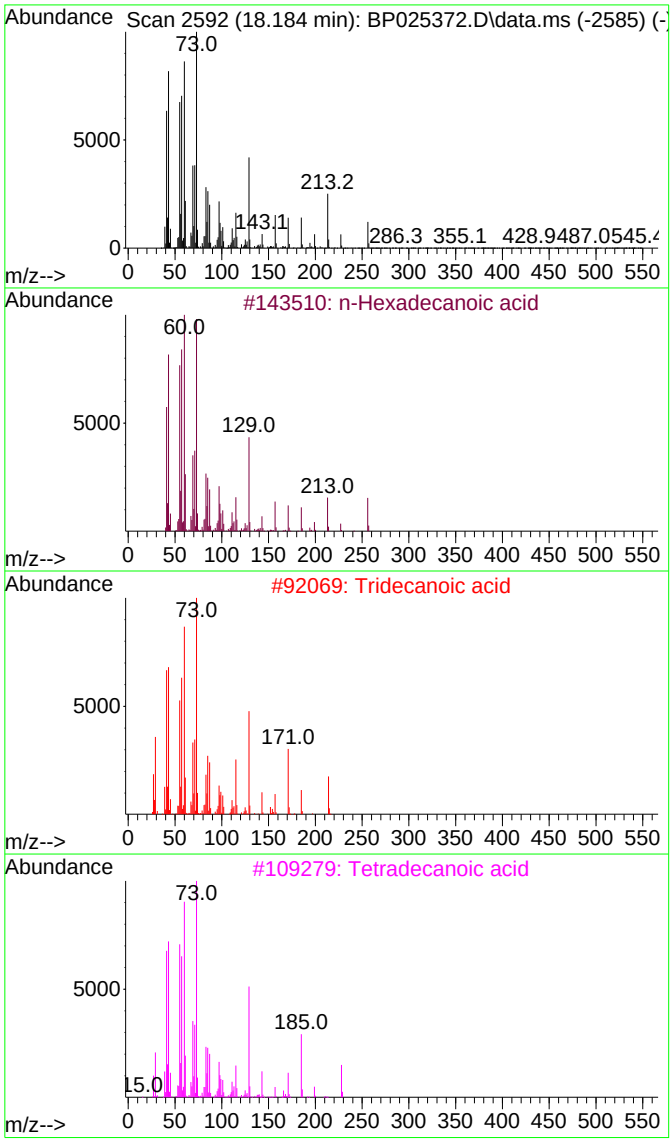
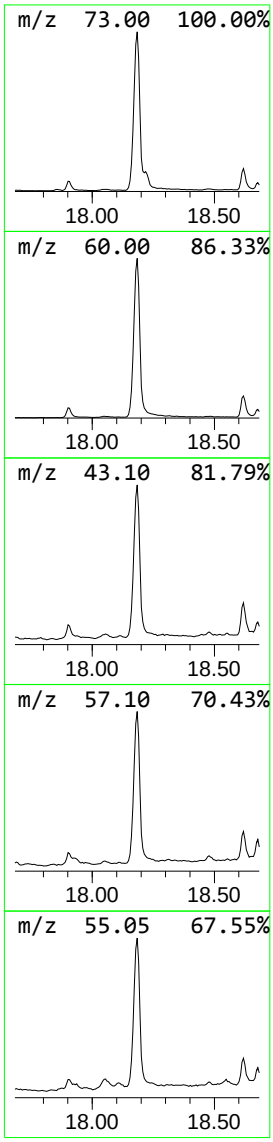
Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.184	62.80 ng	10272700	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Undecanoic acid	186	C11H22O2	000112-37-8	83





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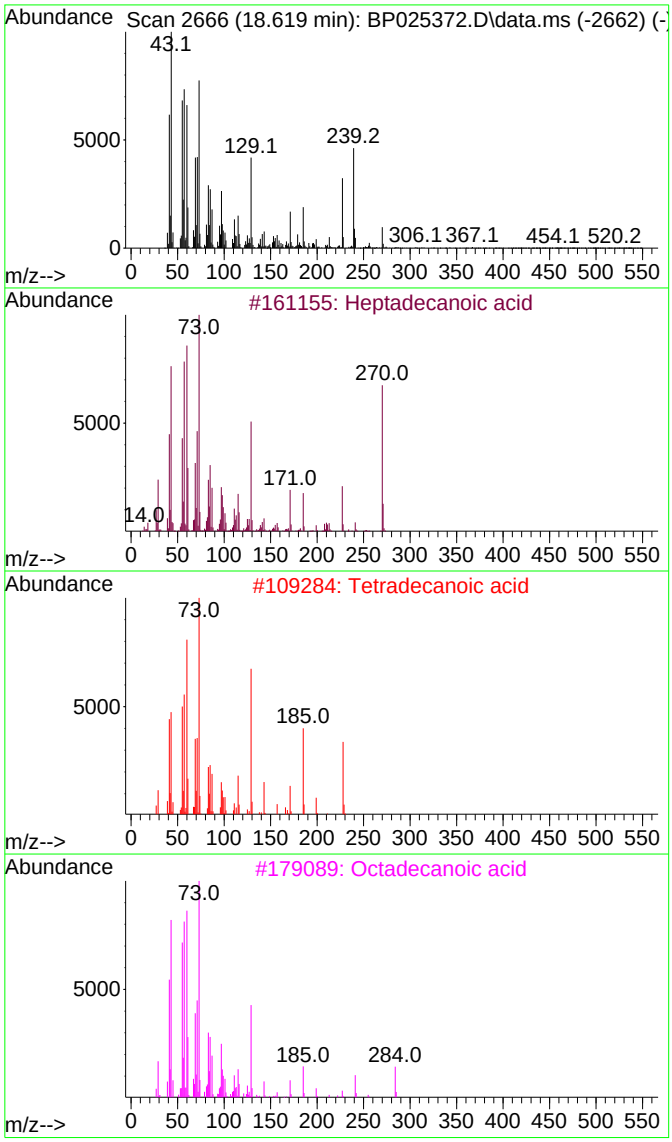
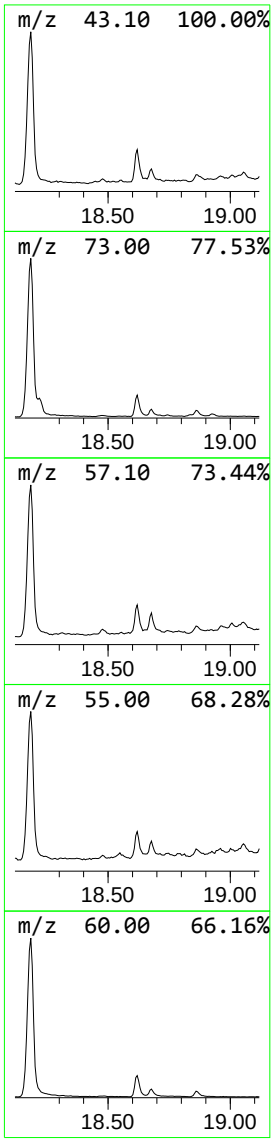
Peak Number 9 Heptadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.619	9.23 ng	1510310	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	92
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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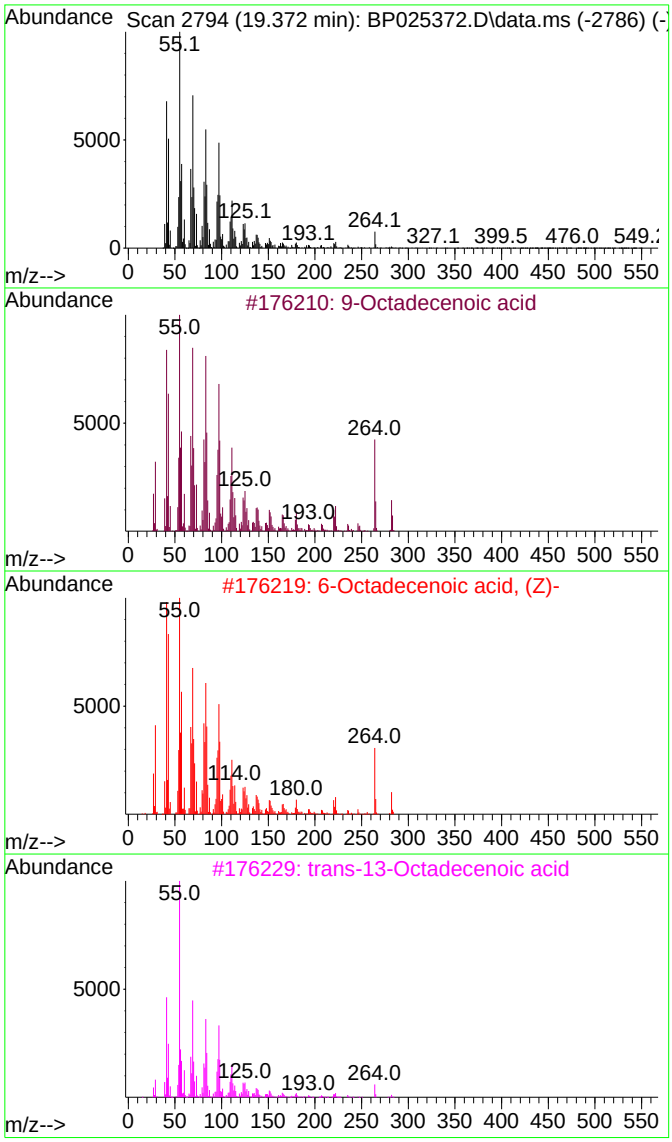
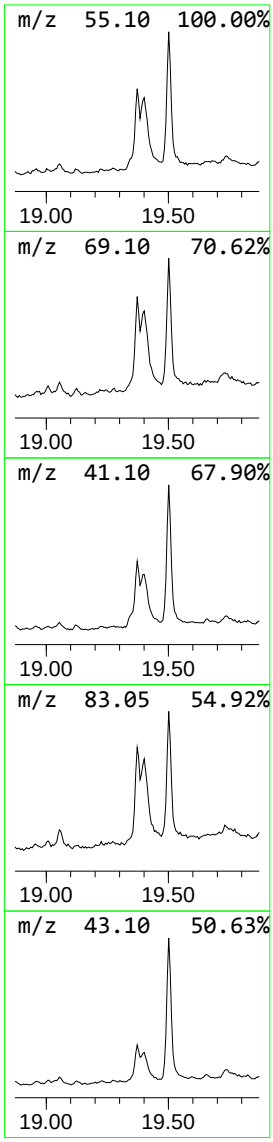
Peak Number 10 9-Octadecenoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.372	21.99 ng	3597540	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	99
2	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	99
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	98
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	97
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	93





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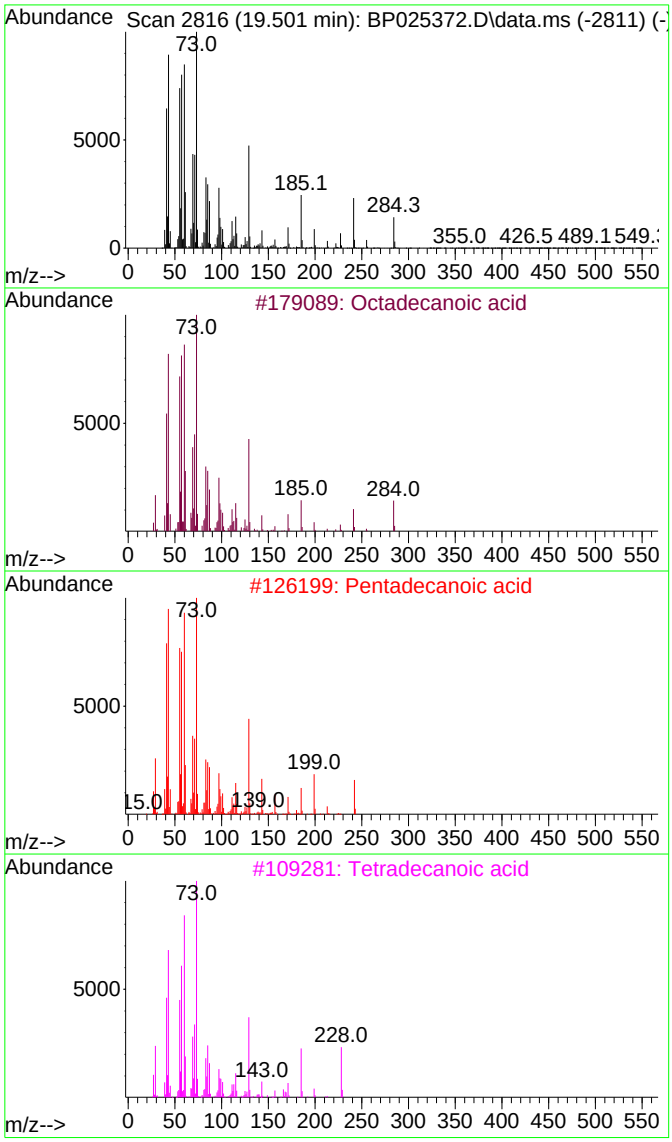
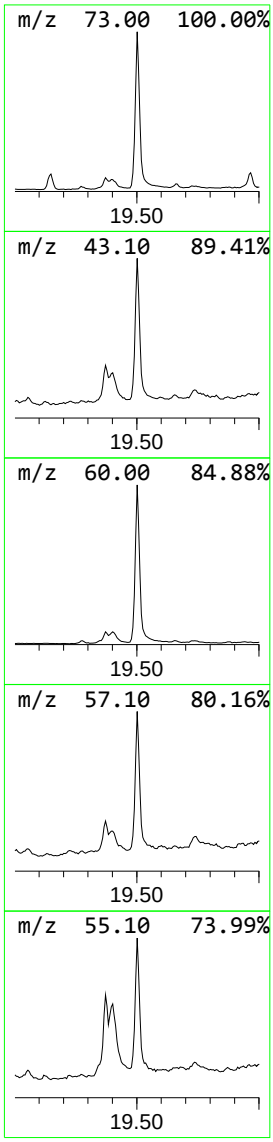
Peak Number 11 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.501	49.28 ng	6533390	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





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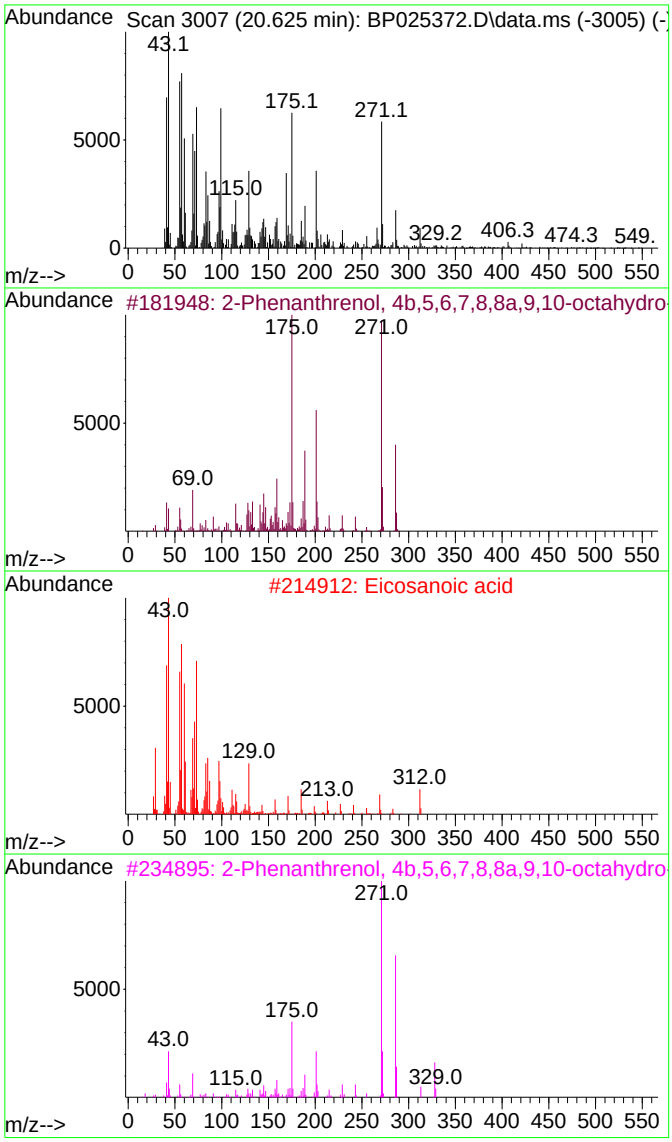
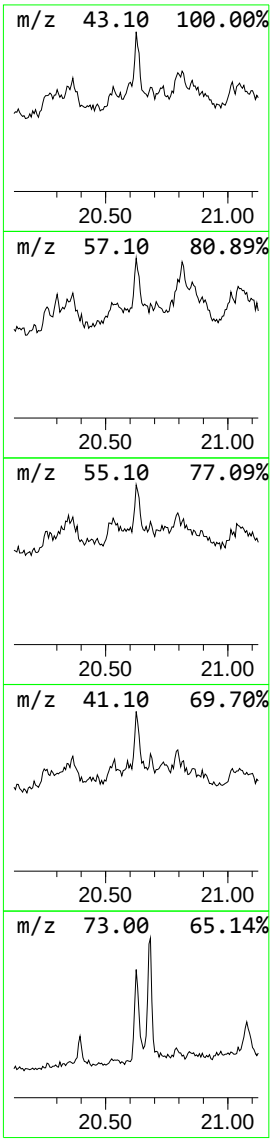
Peak Number 12 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.625	6.17 ng	817509	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	64
2	Eicosanoic acid	312	C20H40O2	000506-30-9	46
3	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	46
4	7,8-Dimethoxy-2-methyl-3H-pyrimi...	271	C14H13N3O3	055149-31-0	25
5	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	18





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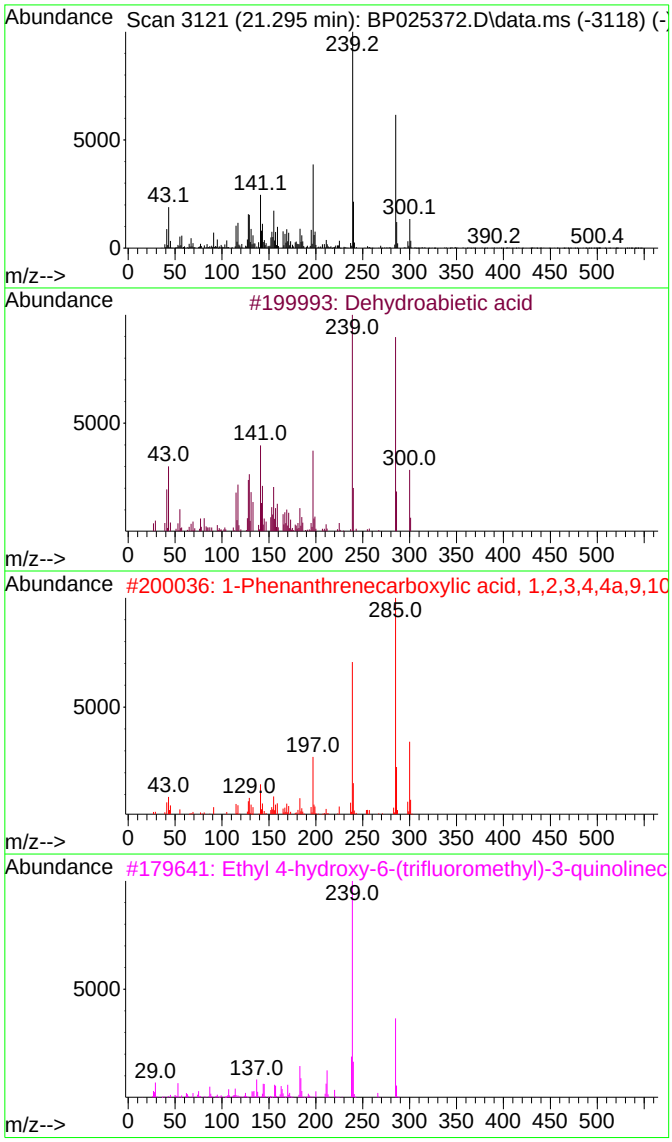
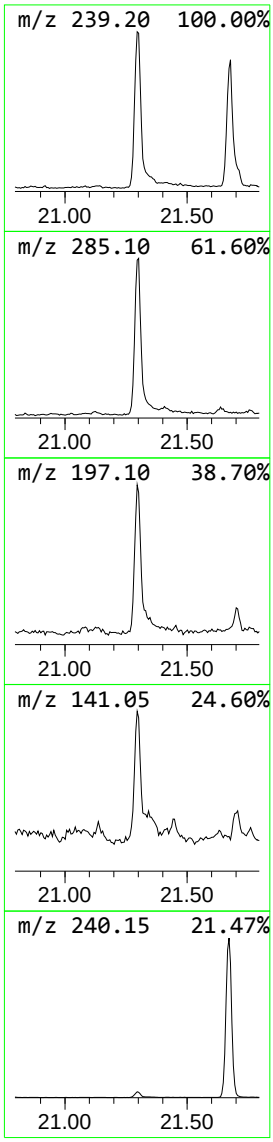
Peak Number 13 Dehydroabietic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.295	7.02 ng	930659	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	Ethyl 4-hydroxy-6-(trifluorometh...	285	C13H10F3NO3	026893-12-9	49
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	49
5	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	49





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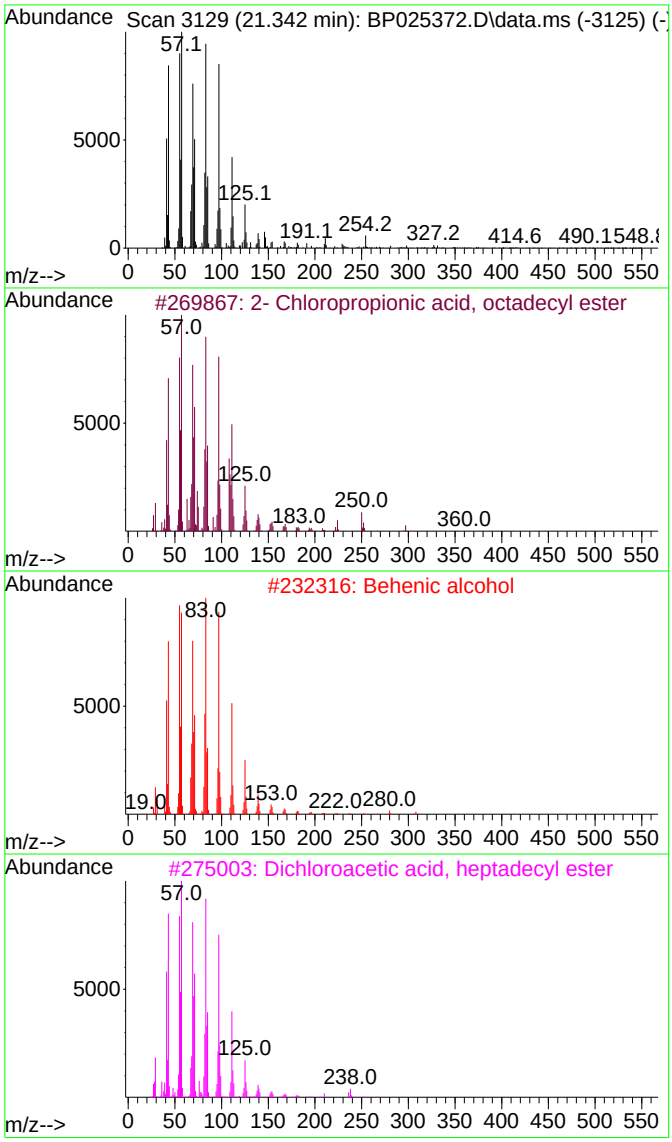
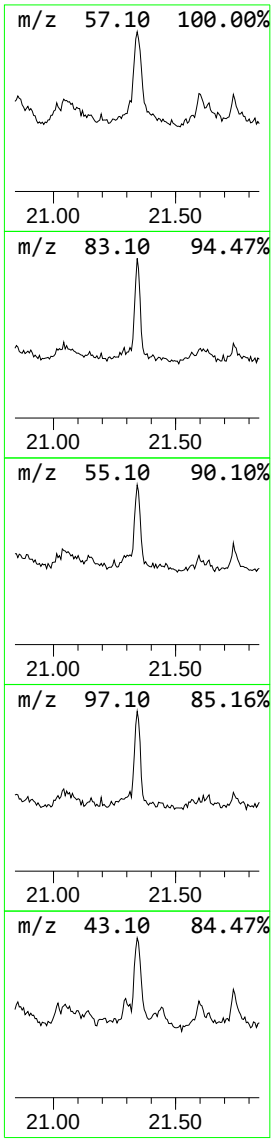
****
Peak Number 14 2- Chloropropionic acid, oc... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.342	10.99 ng	1456400	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	97
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





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Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

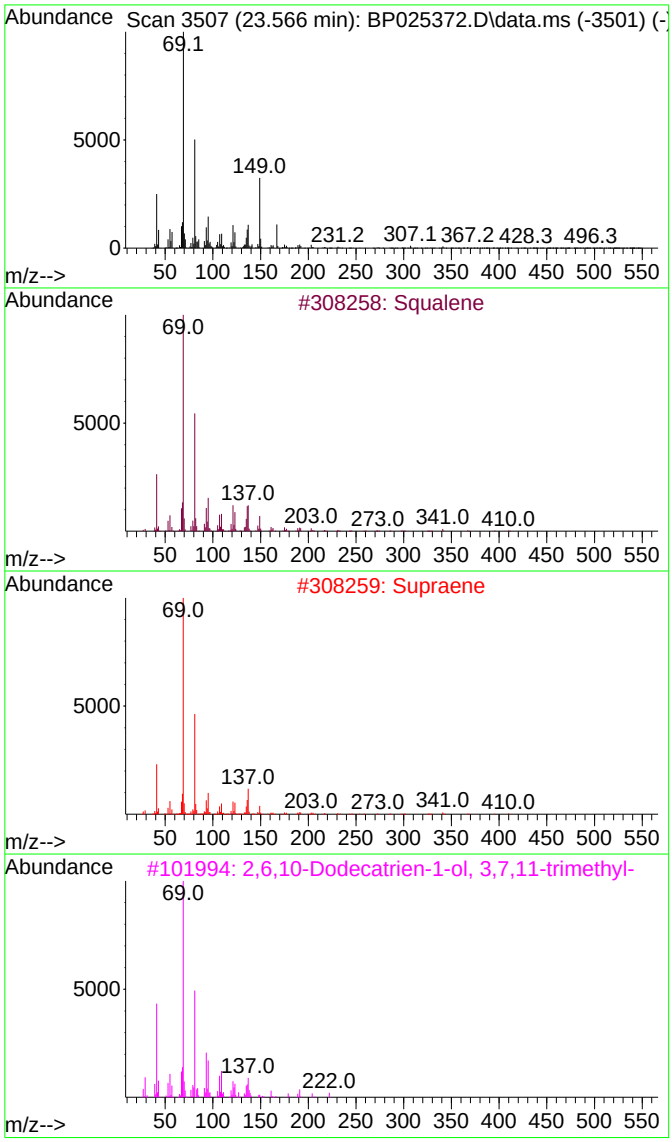
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

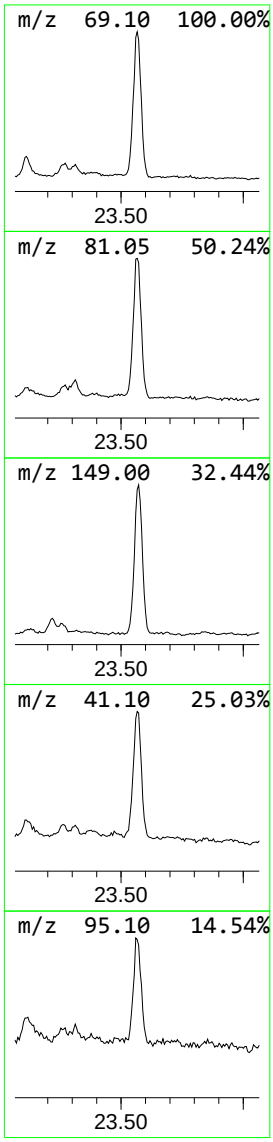
****

Peak Number 15 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.566	33.14 ng	4884230	Perylene-d12	25.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	93
2	Supraene	410	C30H50	007683-64-9	74
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	59
4	1,2-Epoxy-3,7,11-trimethyl-(6E,1...	238	C15H26O2	1000432-46-2	53
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	53





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Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

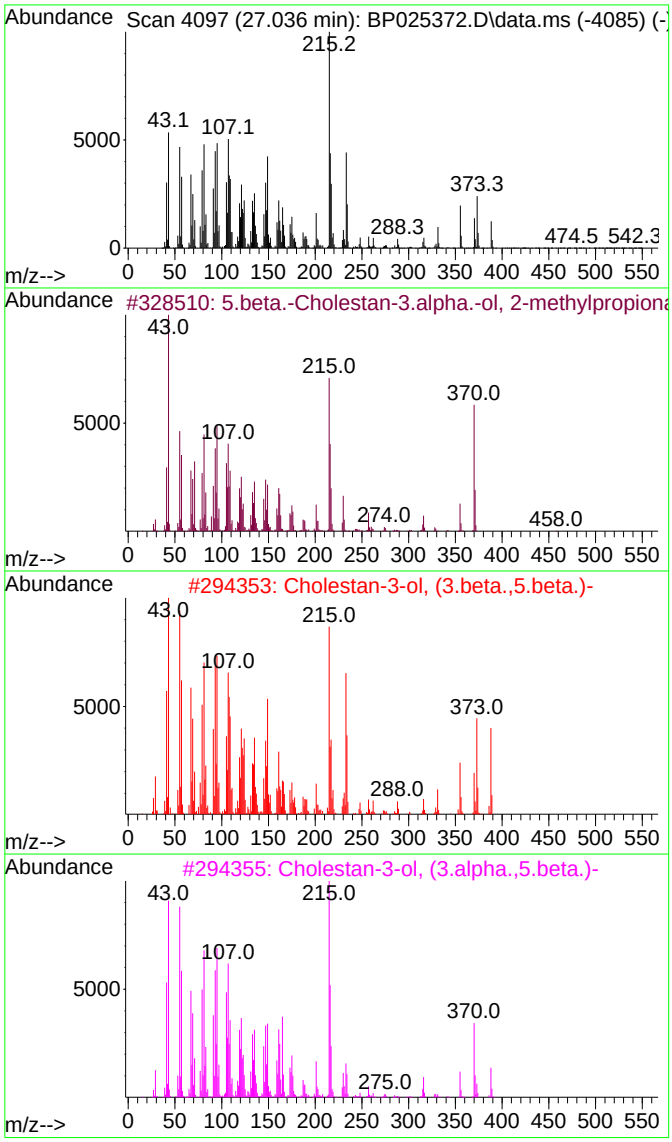
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

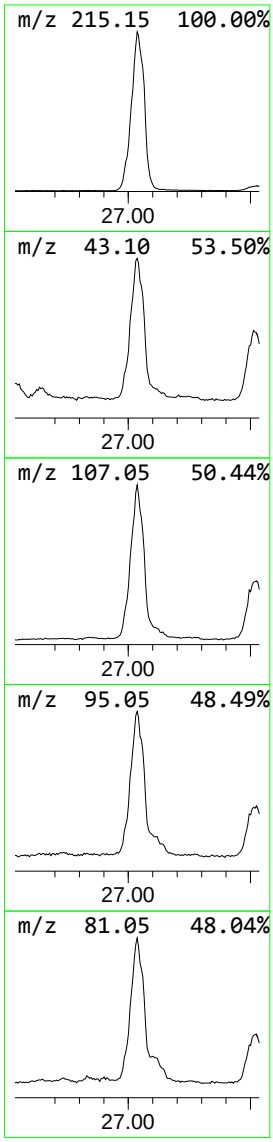
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 5.beta.-Cholestan-3.alpha.-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.036	201.95 ng	29766100	Perylene-d12	25.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5.beta.-Cholestan-3.alpha.-ol, 2...	458	C31H54O2	1000514-95-7	58
2	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	55
3	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	53
4	5.beta.-Cholestan-3.alpha.-ol, a...	430	C29H50O2	033157-47-0	52
5	CP 47,497 (n=7)	318	C21H34O2	070434-82-1	35





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Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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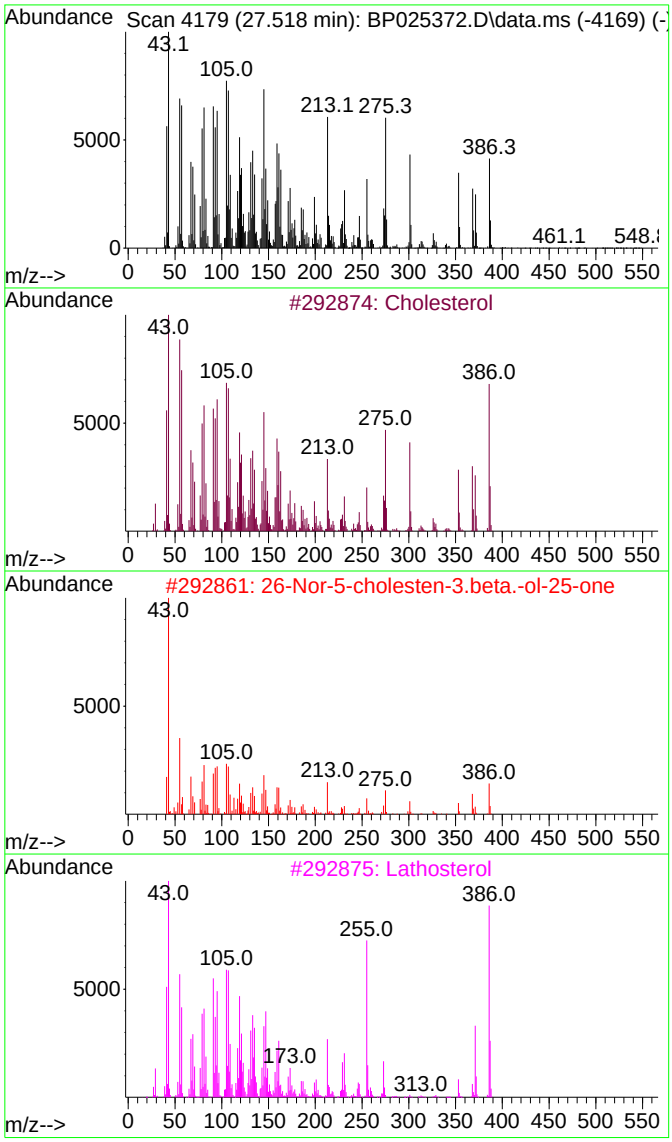
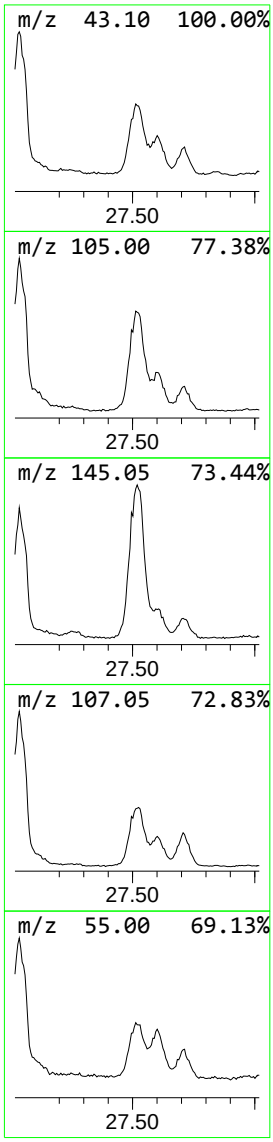
Peak Number 17 Cholesterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.518	49.68 ng	7322500	Perylene-d12	25.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3	Lathosterol	386	C27H46O	000080-99-9	74
4	Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	43
5	Cholesterol 3.beta.-O-[2-chloroe...	448	C29H49ClO	001972-30-1	43





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Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

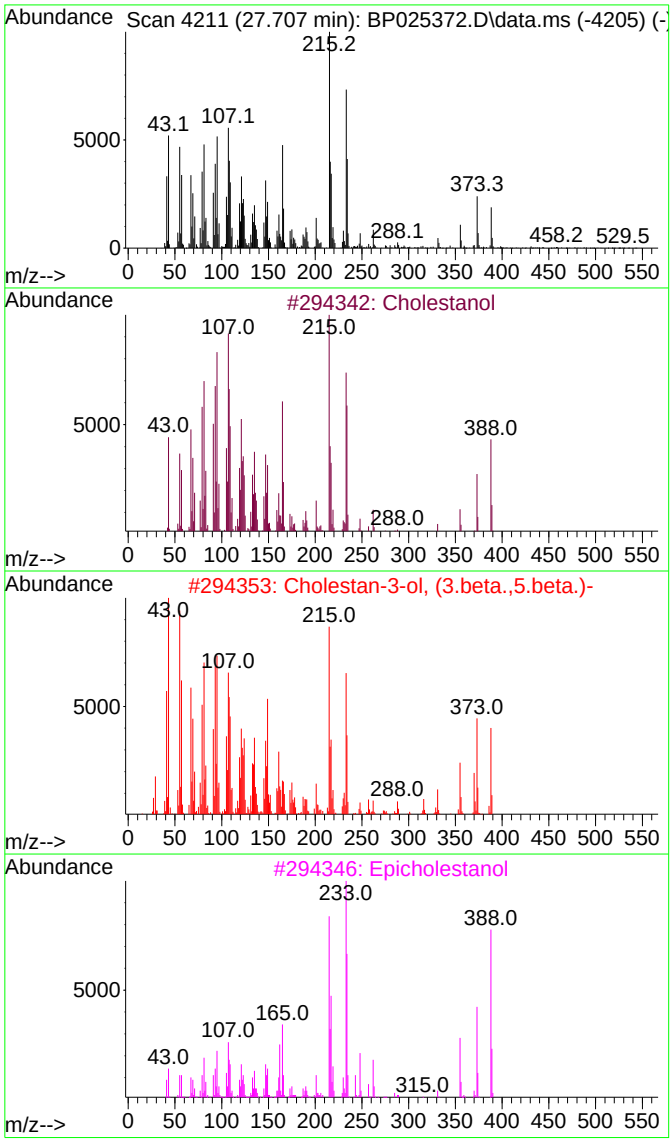
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

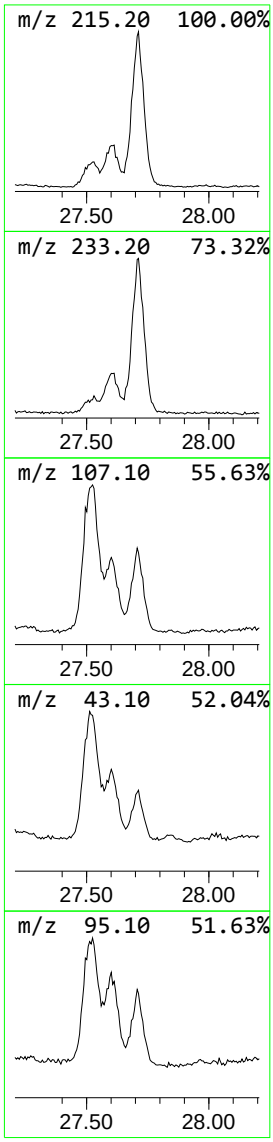
****

Peak Number 18 Cholestanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.707	32.84 ng	4840990	Perylene-d12	25.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestanol	388	C27H48O	000080-97-7	99
2	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	92
3	Epicholestanol	388	C27H48O	000516-95-0	89
4	Cholestan-3-ol	388	C27H48O	027409-41-2	68
5	4-Cholestanol	388	C27H48O	1000210-30-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

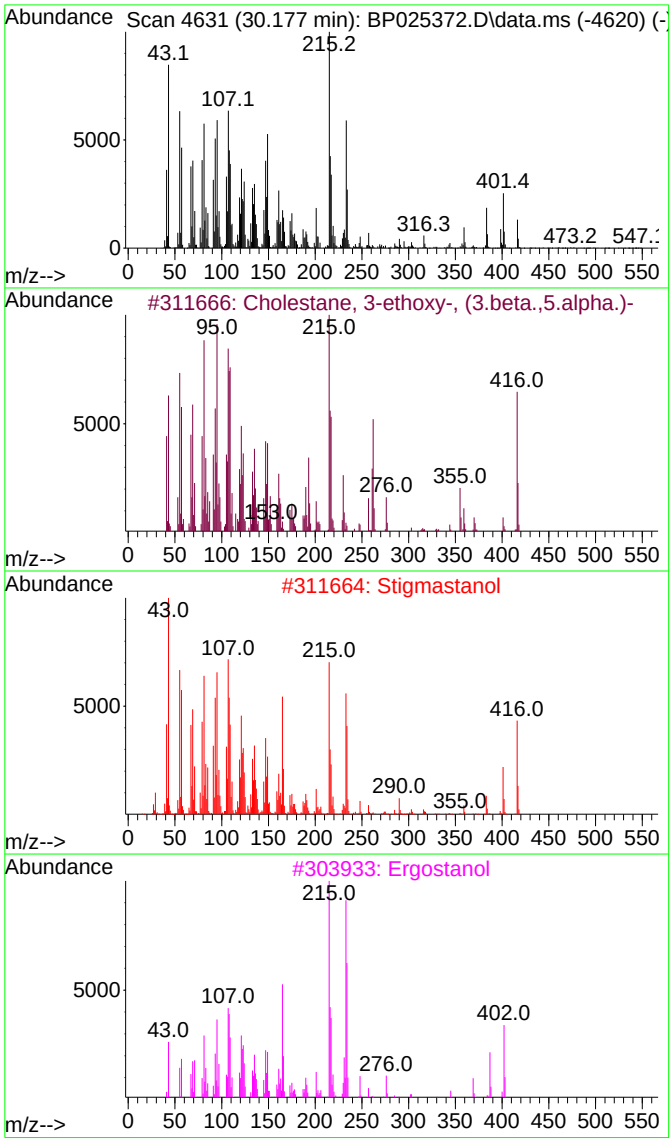
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

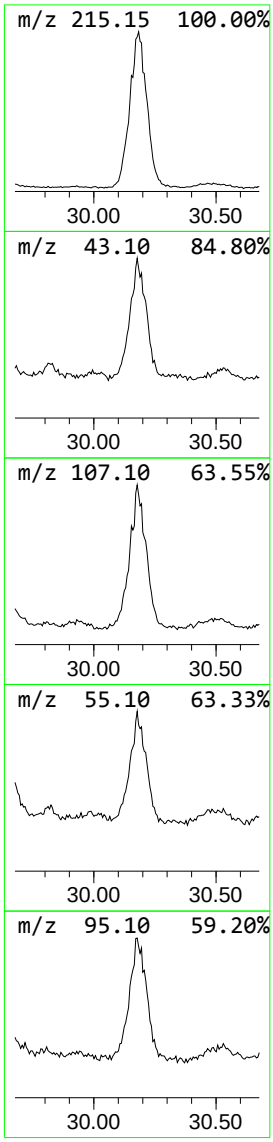
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cholestane, 3-ethoxy-, (3.b... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.177	68.80 ng	10140600	Perylene-d12	25.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestane, 3-ethoxy-, (3.beta.,...	416	C29H52O	002089-02-3	70
2	Stigmastanol	416	C29H52O	019466-47-8	53
3	Ergostanol	402	C28H50O	006538-02-9	35
4	Terephthalic acid, monoamide, N,...	401	C26H27NO3	1000323-91-5	25
5	5-(2-Methyloctan-2-yl)-3-(1R,3R-...	332	C22H36O2	070434-92-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

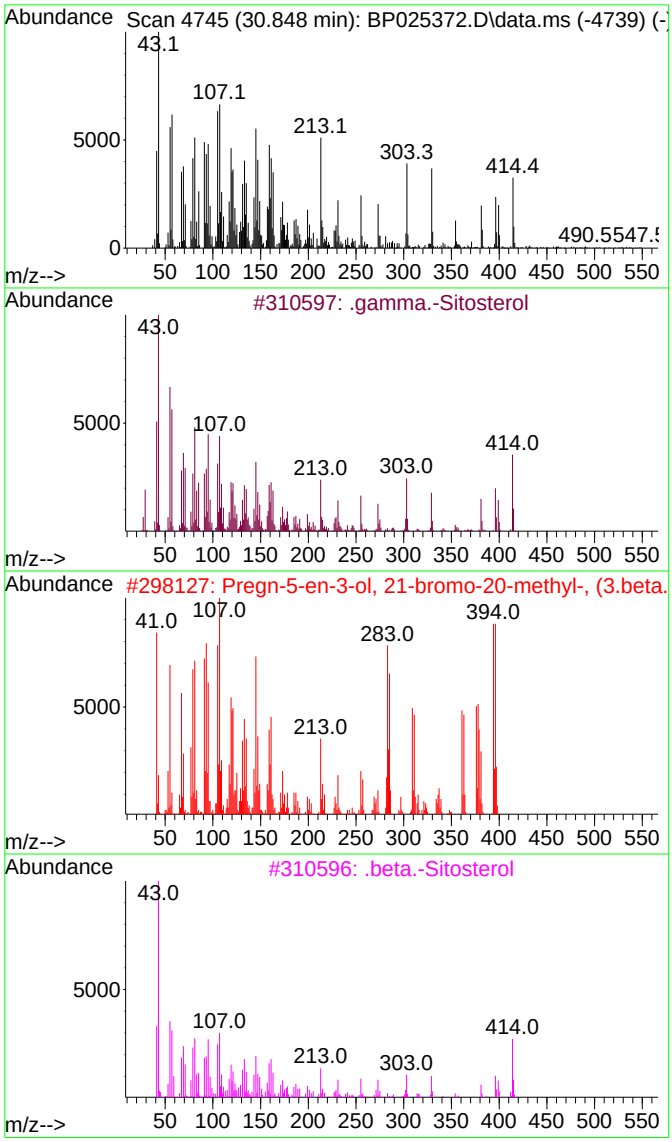
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

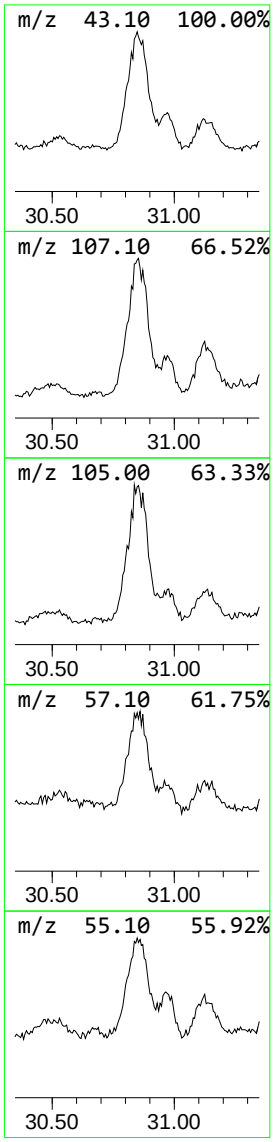
****

Peak Number 20 .gamma.-Sitosterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.848	12.12 ng	1786660	Perylene-d12	25.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	90
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	78
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	48
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025372.D
Acq On : 12 Aug 2025 18:42
Operator : CG/JU
Sample : Q2818-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-3-5-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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
Silanediol, dim...	2.984	6.1	ng	411029	1	7.802	1353710	20.0
Butane, 2-metho...	3.043	26.6	ng	1797950	1	7.802	1353710	20.0
2-Pentanone, 4-...	4.955	6.0	ng	403971	1	7.802	1353710	20.0
Oxime-, methoxy...	5.537	34.9	ng	2359850	1	7.802	1353710	20.0
Arsenous acid, ...	8.214	20.2	ng	1369720	1	7.802	1353710	20.0
1,4-Epoxynaphth...	14.054	10.8	ng	1546720	3	14.431	2857570	20.0
Benzophenone	15.807	6.9	ng	984104	3	14.431	2857570	20.0
n-Hexadecanoic ...	18.184	62.8	ng	10272700	4	17.225	3271340	20.0
Heptadecanoic acid	18.619	9.2	ng	1510310	4	17.225	3271340	20.0
9-Octadecenoic ...	19.372	22.0	ng	3597540	4	17.225	3271340	20.0
Octadecanoic acid	19.501	49.3	ng	6533390	5	21.672	2651330	20.0
2-Phenanthrenol...	20.625	6.2	ng	817509	5	21.672	2651330	20.0
Dehydroabietic ...	21.295	7.0	ng	930659	5	21.672	2651330	20.0
2- Chloropropio...	21.342	11.0	ng	1456400	5	21.672	2651330	20.0
Squalene	23.566	33.1	ng	4884230	6	25.072	2947920	20.0
5.beta.-Cholest...	27.036	201.9	ng	29766100	6	25.072	2947920	20.0
Cholesterol	27.518	49.7	ng	7322500	6	25.072	2947920	20.0
Cholestanol	27.707	32.8	ng	4840990	6	25.072	2947920	20.0
Cholestane, 3-e...	30.177	68.8	ng	10140600	6	25.072	2947920	20.0
.gamma.-Sitosterol	30.848	12.1	ng	1786660	6	25.072	2947920	20.0

CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_F Calibration Date(s): 08/12/2025 08/12/2025

Calibration Time(s): 09:03 12:38

LAB FILE ID: RRF2.5 = BF143343.D RRF005 = BF143344.D RRF010 = BF143345.D
RRF020 = BF143346.D RRF040 = BF143347.D RRF050 = BF143348.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.155	1.170	1.207	1.179	1.143	1.157	3.1
Benzaldehyde			1.109	1.106	1.011	0.875	0.980	14.2
Phenol-d6		1.527	1.505	1.541	1.500	1.447	1.483	3.6
Phenol		1.823	1.791	1.843	1.783	1.721	1.757	4.6
bis(2-Chloroethyl)ether		1.357	1.304	1.333	1.306	1.252	1.295	3.3
2-Chlorophenol		1.167	1.215	1.272	1.259	1.240	1.236	3.0
2-Methylphenol		1.017	1.038	1.077	1.064	1.036	1.043	2.3
2,2-oxybis(1-Chloropropane)		2.521	2.408	2.435	2.317	2.214	2.312	6.8
Acetophenone		0.500	0.478	0.475	0.429	0.404	0.441	10.0
3+4-Methylphenols			1.331	1.373	1.288	1.227	1.262	7.0
n-Nitroso-di-n-propylamine	0.956	0.992	0.942	0.957	0.910	0.863	0.916	5.9
Nitrobenzene-d5		0.277	0.304	0.339	0.336	0.328	0.321	7.2
Hexachloroethane		0.425	0.433	0.460	0.462	0.449	0.449	3.4
Nitrobenzene		0.322	0.329	0.366	0.359	0.352	0.349	5.0
Isophorone		0.692	0.662	0.683	0.645	0.627	0.656	3.8
2-Nitrophenol		0.069	0.085	0.109	0.126	0.134	0.118	26.9
2,4-Dimethylphenol		0.259	0.261	0.288	0.279	0.275	0.274	4.2
bis(2-Chloroethoxy)methane		0.424	0.410	0.425	0.396	0.383	0.400	5.2
2,4-Dichlorophenol		0.243	0.256	0.286	0.275	0.270	0.267	5.5
Naphthalene		1.083	1.023	1.029	0.944	0.901	0.962	8.9
4-Chloroaniline		0.362	0.350	0.367	0.345	0.334	0.347	4.1
Hexachlorobutadiene		0.185	0.181	0.187	0.175	0.166	0.175	5.5
Caprolactam			0.061	0.073	0.079	0.078	0.075	9.9
4-Chloro-3-methylphenol		0.270	0.274	0.296	0.286	0.279	0.280	3.5
2-Methylnaphthalene		0.720	0.673	0.681	0.622	0.591	0.633	9.6
Hexachlorocyclopentadiene			0.088	0.130	0.167	0.172	0.158	26.7
2,4,6-Trichlorophenol		0.242	0.272	0.316	0.334	0.328	0.311	12.4
2-Fluorobiphenyl		1.444	1.332	1.285	1.132	1.060	1.179	15.1
2,4,5-Trichlorophenol		0.307	0.308	0.366	0.377	0.364	0.351	8.5
1,1-Biphenyl		1.613	1.506	1.516	1.389	1.317	1.414	9.6
2-Chloronaphthalene		1.216	1.176	1.180	1.095	1.046	1.114	7.1
2-Nitroaniline		0.188	0.223	0.279	0.309	0.321	0.284	20.2
Dimethylphthalate		1.160	1.178	1.244	1.180	1.144	1.169	3.7
Acenaphthylene		1.759	1.682	1.719	1.588	1.525	1.608	7.1

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: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_F Calibration Date(s): 08/12/2025 08/12/2025

Calibration Time(s): 09:03 12:38

LAB FILE ID: RRF2.5 = BF143343.D RRF005 = BF143344.D RRF010 = BF143345.D
RRF020 = BF143346.D RRF040 = BF143347.D RRF050 = BF143348.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.125	0.147	0.188	0.213	0.219	0.193	21.9
3-Nitroaniline		0.159	0.193	0.250	0.261	0.265	0.239	18.9
Acenaphthene		1.208	1.127	1.121	1.054	1.012	1.069	8.3
2,4-Dinitrophenol			0.030	0.046	0.066	0.073	0.065	36.5
4-Nitrophenol			0.096	0.147	0.173	0.180	0.163	22.5
Dibenzofuran		1.757	1.641	1.634	1.511	1.438	1.539	9.3
2,4-Dinitrotoluene		0.154	0.191	0.257	0.289	0.296	0.256	23.4
Diethylphthalate		1.011	1.061	1.132	1.081	1.037	1.047	4.8
4-Chlorophenyl-phenylether		0.645	0.601	0.600	0.563	0.533	0.568	8.8
Fluorene		1.381	1.288	1.251	1.142	1.091	1.175	11.6
4-Nitroaniline		0.174	0.202	0.253	0.249	0.248	0.232	13.4
4,6-Dinitro-2-methylphenol			0.036	0.054	0.071	0.077	0.069	29.8
n-Nitrosodiphenylamine		0.693	0.670	0.674	0.655	0.639	0.659	3.4
2,4,6-Tribromophenol		0.105	0.127	0.149	0.160	0.160	0.146	15.1
4-Bromophenyl-phenylether		0.232	0.222	0.232	0.231	0.227	0.229	1.6
Hexachlorobenzene		0.258	0.249	0.250	0.244	0.237	0.247	2.8
Atrazine		0.147	0.157	0.187	0.178	0.180	0.172	8.4
Pentachlorophenol			0.058	0.087	0.108	0.113	0.101	24.1
Phenanthrene		1.214	1.159	1.156	1.081	1.022	1.091	8.0
Anthracene		1.225	1.168	1.184	1.088	1.043	1.107	8.0
Carbazole		1.049	1.000	1.017	0.934	0.879	0.942	8.7
Di-n-butylphthalate		0.674	0.739	0.889	0.864	0.819	0.798	9.2
Fluoranthene		1.120	1.054	1.051	0.917	0.873	0.956	12.3
Pyrene		1.924	1.963	1.910	1.661	1.513	1.678	15.4
Terphenyl-d14		1.337	1.346	1.297	1.089	0.976	1.120	18.4
Butylbenzylphthalate		0.179	0.208	0.272	0.303	0.320	0.284	24.1
3,3-Dichlorobenzidine			0.255	0.327	0.364	0.374	0.343	13.8
Benzo(a)anthracene		1.335	1.224	1.339	1.258	1.229	1.271	4.4
Chrysene		1.270	1.249	1.199	1.175	1.163	1.185	5.1
Bis(2-ethylhexyl)phthalate		0.228	0.277	0.348	0.441	0.478	0.403	29.8
Di-n-octyl phthalate			0.545	0.692	0.888	0.945	0.860	23.5
Benzo(b)fluoranthene		1.172	1.027	1.092	1.118	1.046	1.094	5.0
Benzo(k)fluoranthene		1.064	1.080	1.158	1.036	1.053	1.063	4.4
Benzo(a)pyrene		1.049	1.011	1.060	1.033	1.012	1.030	2.0
Indeno(1,2,3-cd)pyrene		1.401	1.455	1.479	1.449	1.392	1.433	2.2

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_F Calibration Date(s): 08/12/2025 08/12/2025

Calibration Time(s): 09:03 12:38

LAB FILE ID: RRF2.5 = BF143343.D RRF005 = BF143344.D RRF010 = BF143345.D
RRF020 = BF143346.D RRF040 = BF143347.D RRF050 = BF143348.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.129	1.162	1.184	1.170	1.119	1.145	2.8
Benzo(g,h,i)perylene		1.108	1.192	1.188	1.169	1.124	1.153	2.9
1,2,4,5-Tetrachlorobenzene		0.588	0.566	0.575	0.542	0.524	0.547	5.7
1,4-Dioxane		0.606	0.582	0.614	0.596	0.592	0.598	2.1
2,3,4,6-Tetrachlorophenol		0.172	0.188	0.236	0.255	0.258	0.236	17.3

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 12 13:25:39 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143343.D 5 =BF143344.D 10 =BF143345.D 20 =BF143346.D 40 =BF143347.D 50 =BF143348.D 60 =BF143349.D 80 =BF1433
50.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.606	0.582	0.614	0.596	0.592	0.612	0.586	0.598	2.12
3)		Pyridine		1.476	1.573	1.597	1.615	1.623	1.668	1.613	1.595	3.75
4)		n-Nitrosodimet...			0.686	0.711	0.759	0.762	0.776	0.764	0.743	4.80
5)	S	2-Fluorophenol		1.155	1.170	1.207	1.179	1.143	1.151	1.090	1.157	3.15
6)		Aniline		2.162	2.139	2.178	2.119	2.029	2.057	1.954	2.091	3.88
7)	S	Phenol-d6		1.527	1.505	1.541	1.500	1.447	1.475	1.386	1.483	3.58
8)		2-Chlorophenol		1.167	1.215	1.272	1.259	1.240	1.271	1.227	1.236	3.01
9)		Benzaldehyde			1.109	1.106	1.011	0.875	0.800		0.980	14.15
10)	C	Phenol		1.823	1.791	1.843	1.783	1.721	1.734	1.604	1.757	4.56
11)		bis(2-Chloroet...		1.357	1.304	1.333	1.306	1.252	1.279	1.235	1.295	3.34
12)		1,3-Dichlorobe...		1.551	1.479	1.482	1.432	1.364	1.386	1.285	1.425	6.21
13)	C	1,4-Dichlorobe...		1.576	1.510	1.485	1.414	1.370	1.366	1.294	1.431	6.82
14)		1,2-Dichlorobe...		1.486	1.416	1.407	1.347	1.295	1.309	1.247	1.358	6.09
15)		Benzyl Alcohol			0.980	1.069	1.088	1.066	1.097	1.079	1.063	3.98
16)		2,2'-oxybis(1-...		2.521	2.408	2.435	2.317	2.214	2.224	2.065	2.312	6.76
17)		2-Methylphenol		1.017	1.038	1.077	1.064	1.036	1.059	1.012	1.043	2.35
18)		Hexachloroethane		0.425	0.433	0.460	0.462	0.449	0.466	0.444	0.449	3.42
19)	P	n-Nitroso-di-n...	0.956	0.992	0.942	0.957	0.910	0.863	0.875	0.837	0.916	5.89
20)		3+4-Methylphenols			1.331	1.373	1.288	1.227	1.227	1.125	1.262	7.00
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.500	0.478	0.475	0.429	0.404	0.417	0.381	0.441	9.98
23)	S	Nitrobenzene-d5		0.277	0.304	0.339	0.336	0.328	0.341	0.324	0.321	7.17
24)		Nitrobenzene		0.322	0.329	0.366	0.359	0.352	0.367	0.347	0.349	5.02
25)		Isophorone		0.692	0.662	0.683	0.645	0.627	0.651	0.630	0.656	3.79
26)	C	2-Nitrophenol		0.069	0.085	0.109	0.126	0.134	0.151	0.150	0.118	26.89
27)		2,4-Dimethylph...		0.259	0.261	0.288	0.279	0.275	0.285	0.267	0.274	4.15
28)		bis(2-Chloroet...		0.424	0.410	0.425	0.396	0.383	0.396	0.369	0.400	5.19
29)	C	2,4-Dichloroph...		0.243	0.256	0.286	0.275	0.270	0.279	0.262	0.267	5.54
30)		1,2,4-Trichlor...		0.299	0.290	0.299	0.277	0.269	0.278	0.260	0.282	5.30
31)		Naphthalene		1.083	1.023	1.029	0.944	0.901	0.917	0.839	0.962	8.88
32)		Benzoic acid			0.069	0.085	0.108	0.120	0.136	0.142	0.110	25.83
33)		4-Chloroaniline		0.362	0.350	0.367	0.345	0.334	0.345	0.326	0.347	4.13
34)	C	Hexachlorobuta...		0.185	0.181	0.187	0.175	0.166	0.171	0.161	0.175	5.49
35)		Caprolactam			0.061	0.073	0.079	0.078	0.081	0.079	0.075	9.95
36)	C	4-Chloro-3-met...		0.270	0.274	0.296	0.286	0.279	0.286	0.270	0.280	3.54
37)		2-Methylnaphth...		0.720	0.673	0.681	0.622	0.591	0.593	0.548	0.633	9.63
38)		1-Methylnaphth...		0.690	0.654	0.653	0.595	0.568	0.574	0.531	0.609	9.38

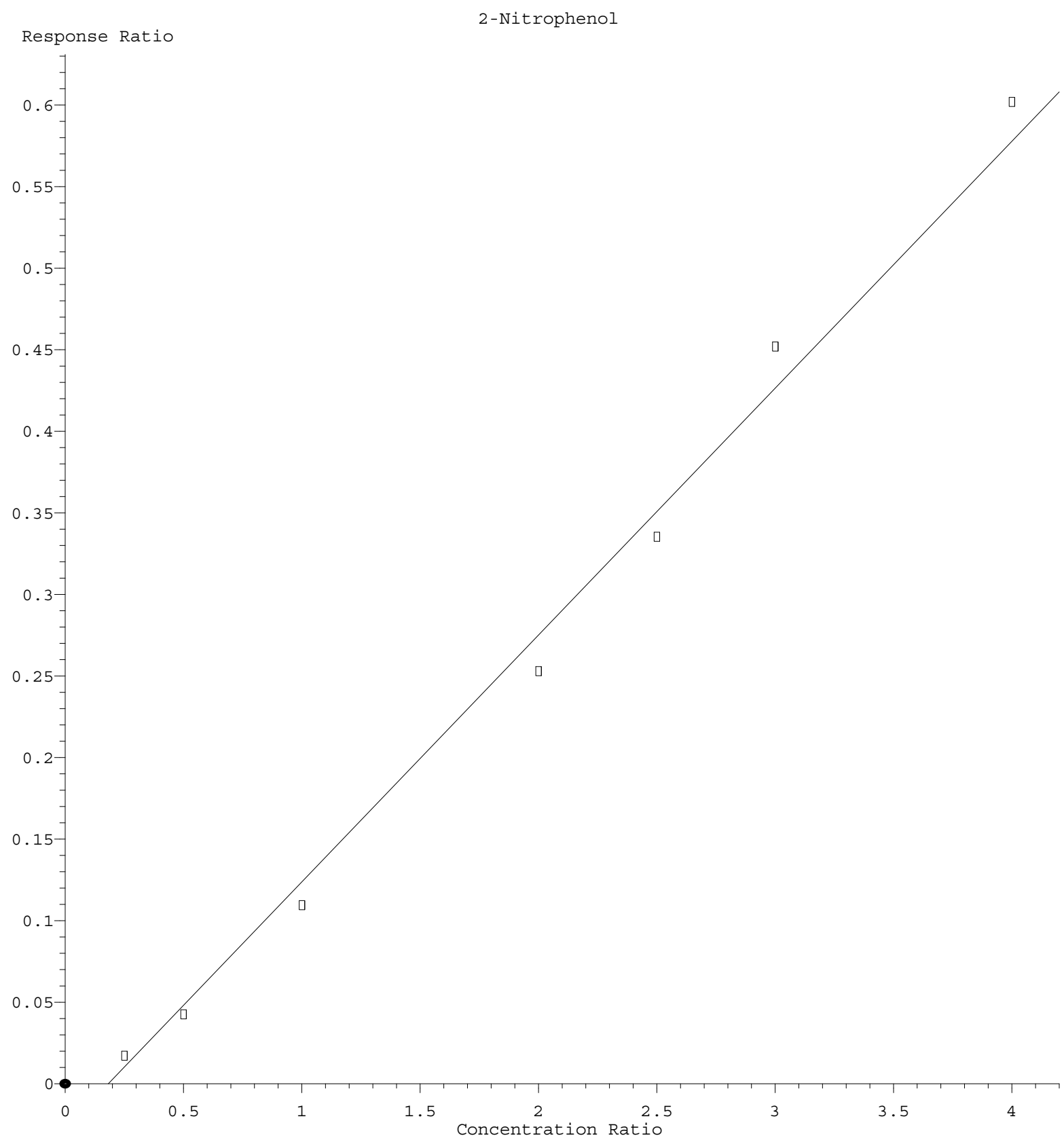
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.588	0.566	0.575	0.542	0.524	0.537	0.499	0.547	5.66
41)	P	Hexachlorocycl...		0.088	0.130	0.167	0.172	0.192	0.201	0.158	26.72
42)	S	2,4,6-Tribromo...	0.105	0.127	0.149	0.160	0.160	0.164	0.159	0.146	15.13
43)	C	2,4,6-Trichlor...	0.242	0.272	0.316	0.334	0.328	0.343	0.338	0.311	12.43
44)		2,4,5-Trichlor...	0.307	0.308	0.366	0.377	0.364	0.370	0.361	0.351	8.48
45)	S	2-Fluorobiphenyl	1.444	1.332	1.285	1.132	1.060	1.052	0.951	1.179	15.06
46)		1,1'-Biphenyl	1.613	1.506	1.516	1.389	1.317	1.335	1.223	1.414	9.63
47)		2-Chloronaphth...	1.216	1.176	1.180	1.095	1.046	1.081	1.003	1.114	7.06
48)		2-Nitroaniline	0.188	0.223	0.279	0.309	0.321	0.336	0.330	0.284	20.23
49)		Acenaphthylene	1.759	1.682	1.719	1.588	1.525	1.541	1.444	1.608	7.13
50)		Dimethylphthalate	1.160	1.178	1.244	1.180	1.144	1.171	1.103	1.169	3.66
51)		2,6-Dinitrotol...	0.125	0.147	0.188	0.213	0.219	0.234	0.228	0.193	21.87
52)	C	Acenaphthene	1.208	1.127	1.121	1.054	1.012	1.017	0.945	1.069	8.28
53)		3-Nitroaniline	0.159	0.193	0.250	0.261	0.265	0.281	0.266	0.239	18.92
54)	P	2,4-Dinitrophenol		0.030	0.046	0.066	0.073	0.086	0.092	0.065	36.52
55)		Dibenzofuran	1.757	1.641	1.634	1.511	1.438	1.446	1.346	1.539	9.33
56)	P	4-Nitrophenol		0.096	0.147	0.173	0.180	0.194	0.190	0.163	22.52
57)		2,4-Dinitrotol...	0.154	0.191	0.257	0.289	0.296	0.308	0.297	0.256	23.42
58)		Fluorene	1.381	1.288	1.251	1.142	1.091	1.089	0.986	1.175	11.65
59)		2,3,4,6-Tetrac...	0.172	0.188	0.236	0.255	0.258	0.276	0.270	0.236	17.33
60)		Diethylphthalate	1.011	1.061	1.132	1.081	1.037	1.031	0.974	1.047	4.84
61)		4-Chlorophenyl...	0.645	0.601	0.600	0.563	0.533	0.536	0.498	0.568	8.84
62)		4-Nitroaniline	0.174	0.202	0.253	0.249	0.248	0.253	0.242	0.232	13.40
63)		Azobenzene	1.302	1.228	1.285	1.193	1.147	1.149	1.065	1.196	6.99
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.036	0.054	0.071	0.077	0.087	0.091	0.069	29.75
66)	c	n-Nitrosodiphe...	0.693	0.670	0.674	0.655	0.639	0.651	0.627	0.659	3.38
67)		4-Bromophenyl-...	0.232	0.222	0.232	0.231	0.227	0.231	0.226	0.229	1.65
68)		Hexachlorobenzene	0.258	0.249	0.250	0.244	0.237	0.248	0.240	0.247	2.76
69)		Atrazine	0.147	0.157	0.187	0.178	0.180	0.182	0.173	0.172	8.45
70)	C	Pentachlorophenol		0.058	0.087	0.108	0.113	0.120	0.122	0.101	24.06
71)		Phenanthrene	1.214	1.159	1.156	1.081	1.022	1.034	0.973	1.091	8.02
72)		Anthracene	1.225	1.168	1.184	1.088	1.043	1.057	0.980	1.107	7.97
73)		Carbazole	1.049	1.000	1.017	0.934	0.879	0.893	0.825	0.942	8.71
74)		Di-n-butylphth...	0.674	0.739	0.889	0.864	0.819	0.817	0.780	0.798	9.24
75)	C	Fluoranthene	1.120	1.054	1.051	0.917	0.873	0.856	0.820	0.956	12.27
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.541	0.653	0.591	0.549	0.511	0.434	0.547	13.50
78)		Pyrene	1.924	1.963	1.910	1.661	1.513	1.460	1.315	1.678	15.44
79)	S	Terphenyl-d14	1.337	1.346	1.297	1.089	0.976	0.957	0.841	1.120	18.44
80)		Butylbenzylpht...	0.179	0.208	0.272	0.303	0.320	0.346	0.359	0.284	24.15
81)		Benzo(a)anthra...	1.335	1.224	1.339	1.258	1.229	1.309	1.205	1.271	4.37
82)		3,3'-Dichlorob...		0.255	0.327	0.364	0.374	0.382	0.358	0.343	13.77
83)		Chrysene	1.270	1.249	1.199	1.175	1.163	1.143	1.098	1.185	5.06
84)		Bis(2-ethylhex...	0.228	0.277	0.348	0.441	0.478	0.520	0.531	0.403	29.82
85)	c	Di-n-octyl pht...		0.545	0.692	0.888	0.945	1.045	1.047	0.860	23.52

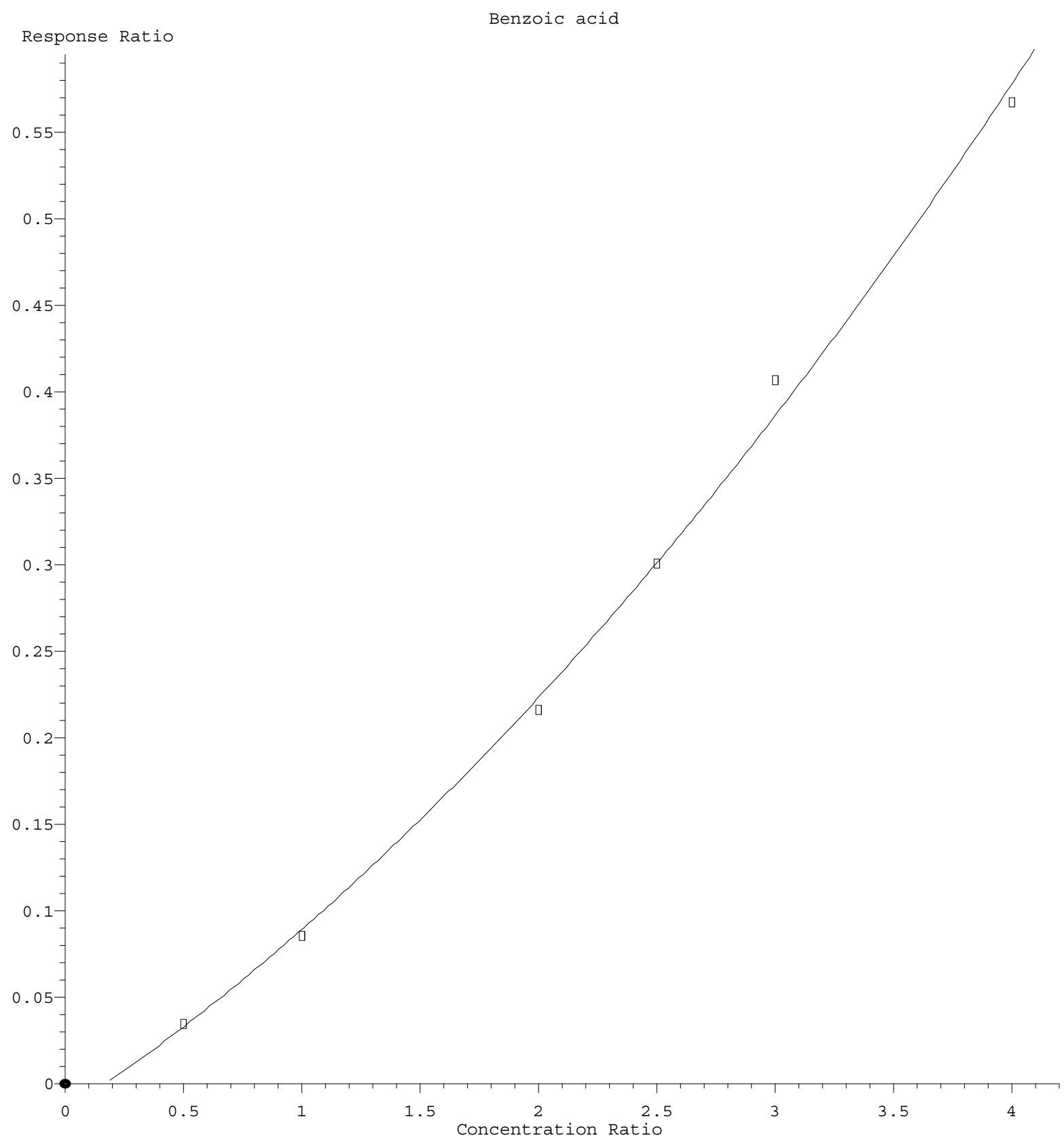
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.401	1.455	1.479	1.449	1.392	1.443	1.411	1.433	2.24
88)		Benzo(b)fluora...	1.172	1.027	1.092	1.118	1.046	1.147	1.054	1.094	4.98
89)		Benzo(k)fluora...	1.064	1.080	1.158	1.036	1.053	1.022	1.027	1.063	4.41
90)	C	Benzo(a)pyrene	1.049	1.011	1.060	1.033	1.012	1.039	1.008	1.030	1.99
91)		Dibenzo(a,h)an...	1.129	1.162	1.184	1.170	1.119	1.155	1.094	1.145	2.77
92)		Benzo(g,h,i)pe...	1.108	1.192	1.188	1.169	1.124	1.168	1.123	1.153	2.94

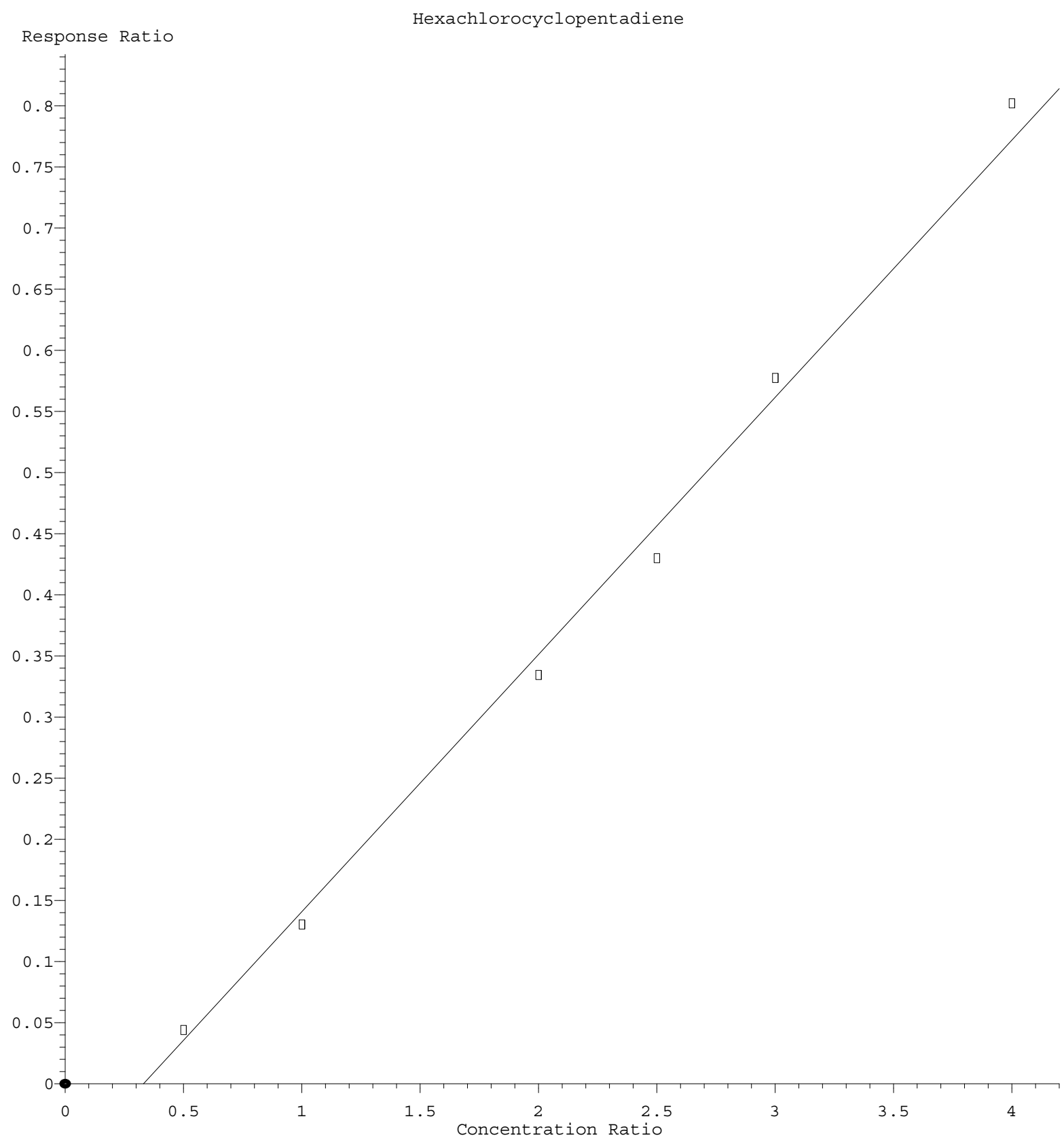
(#) = Out of Range



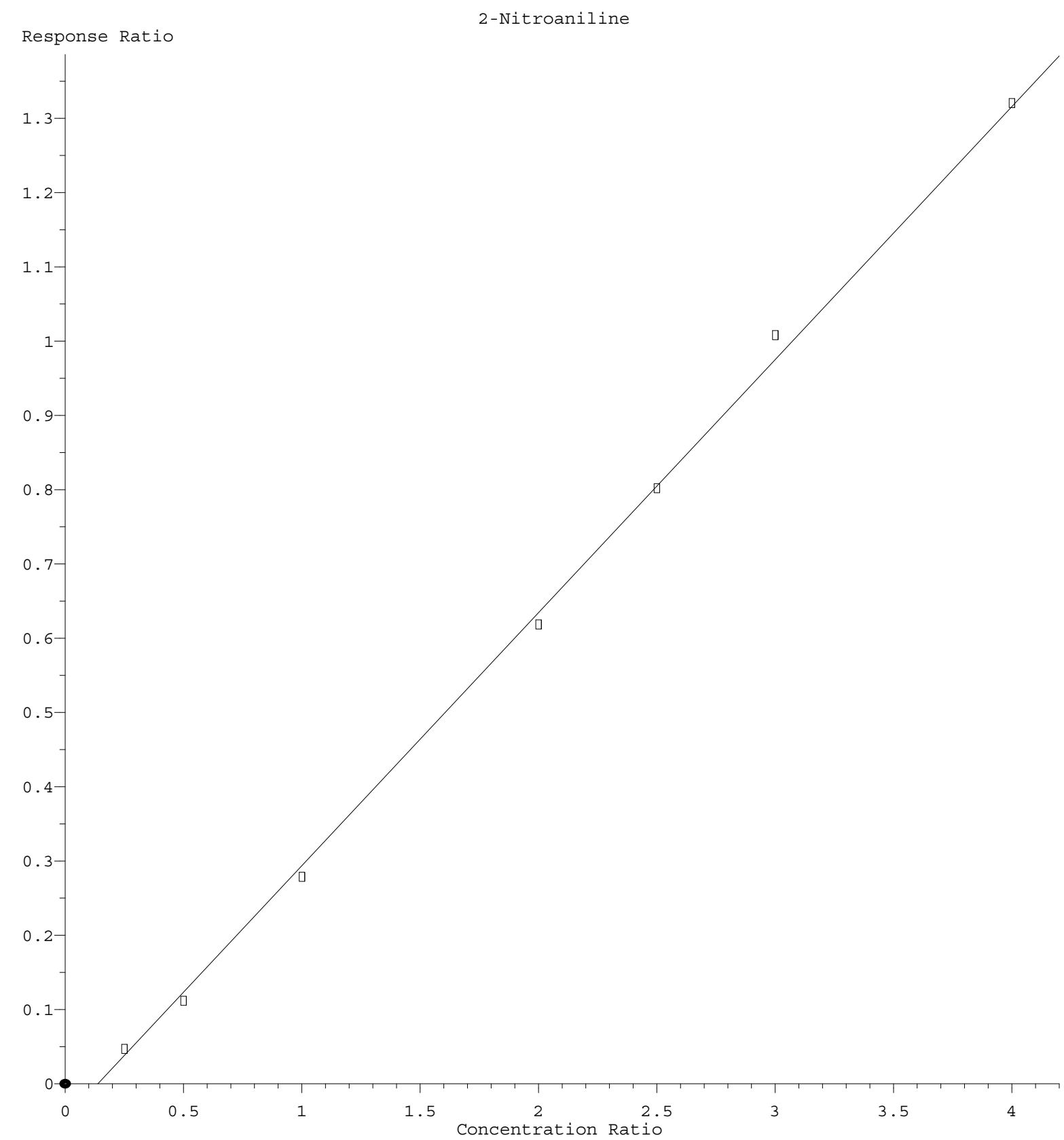
Response = 1.513e-001 * Amt - 2.755e-002
Coef of Det (r^2) = 0.993246 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



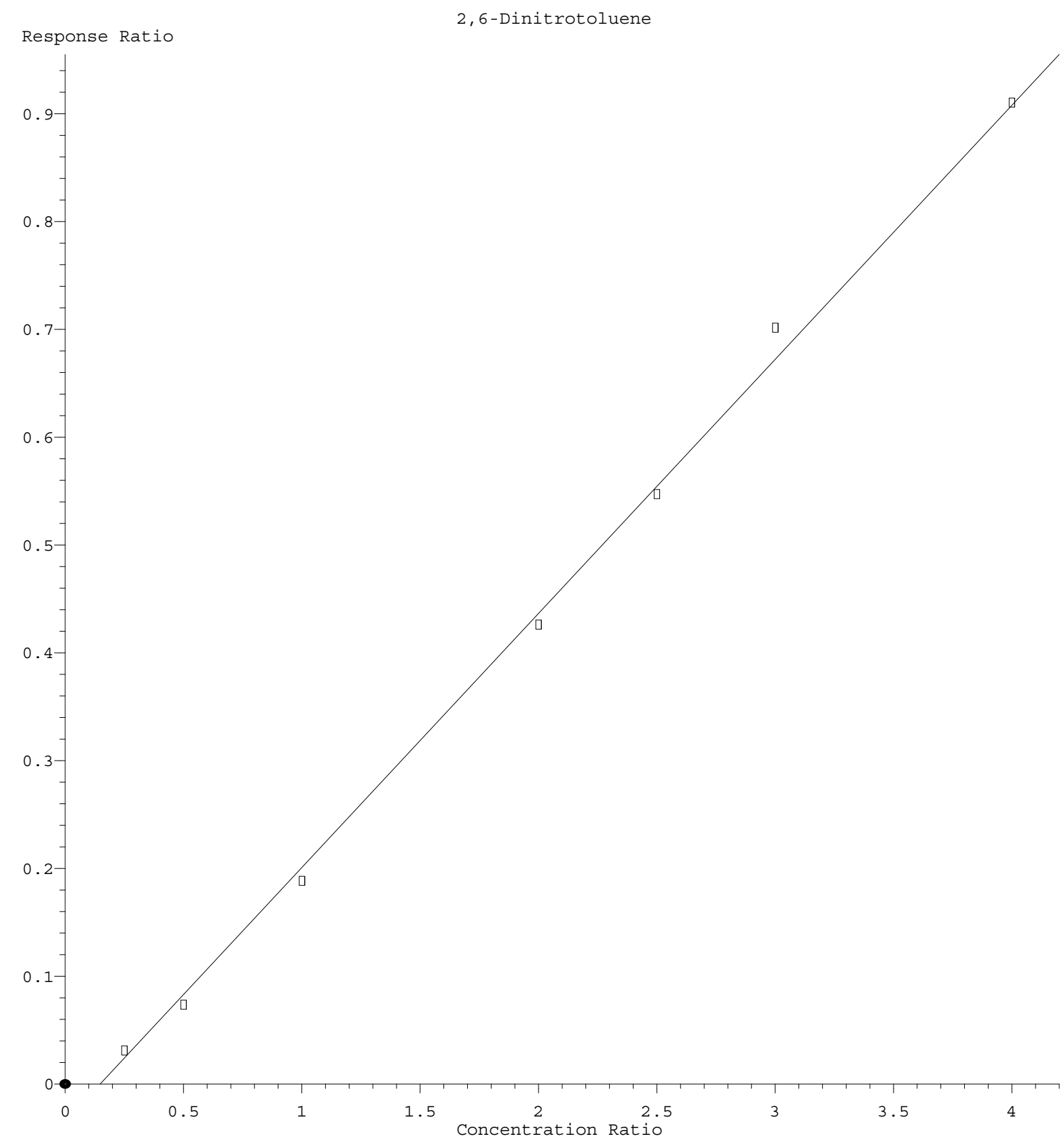
R = 1.441e-002 A*A + 9.089e-002 A - 1.614e-002
Coef of Det (r^2) = 0.998015 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



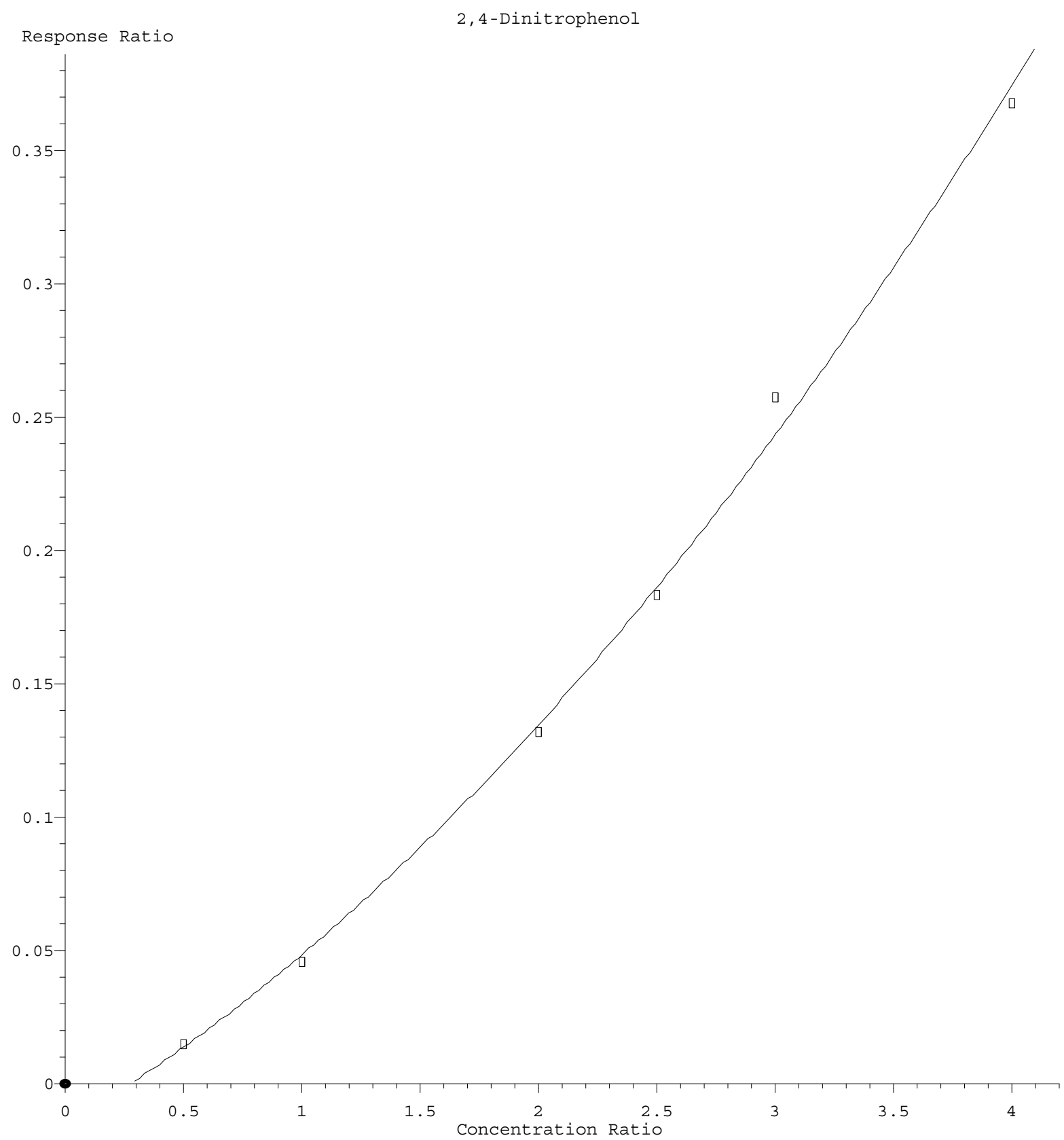
Response = 2.105e-001 * Amt - 6.972e-002
Coef of Det (r^2) = 0.995567 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



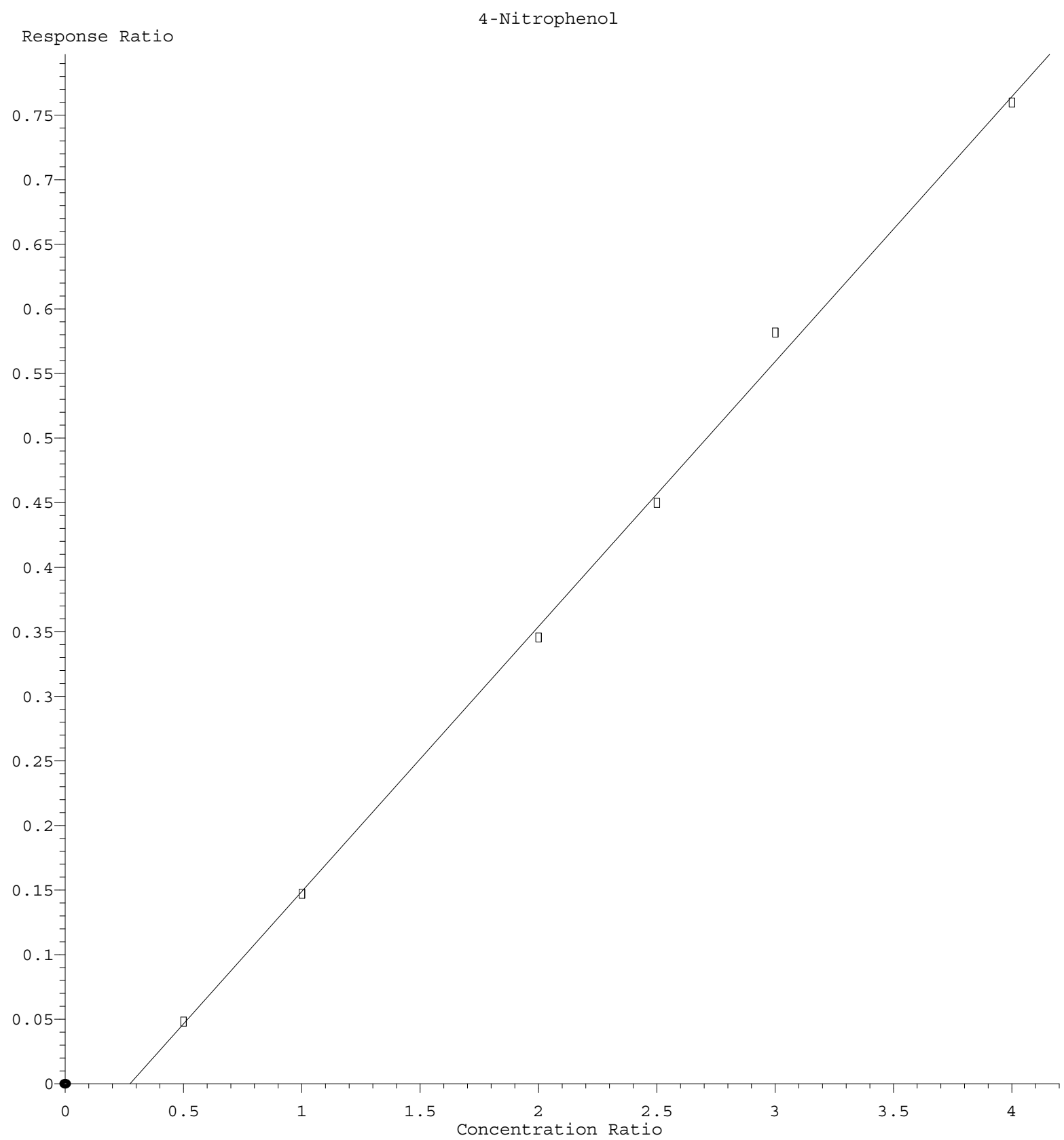
Response = 3.408e-001 * Amt - 4.713e-002
Coef of Det (r^2) = 0.998503 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



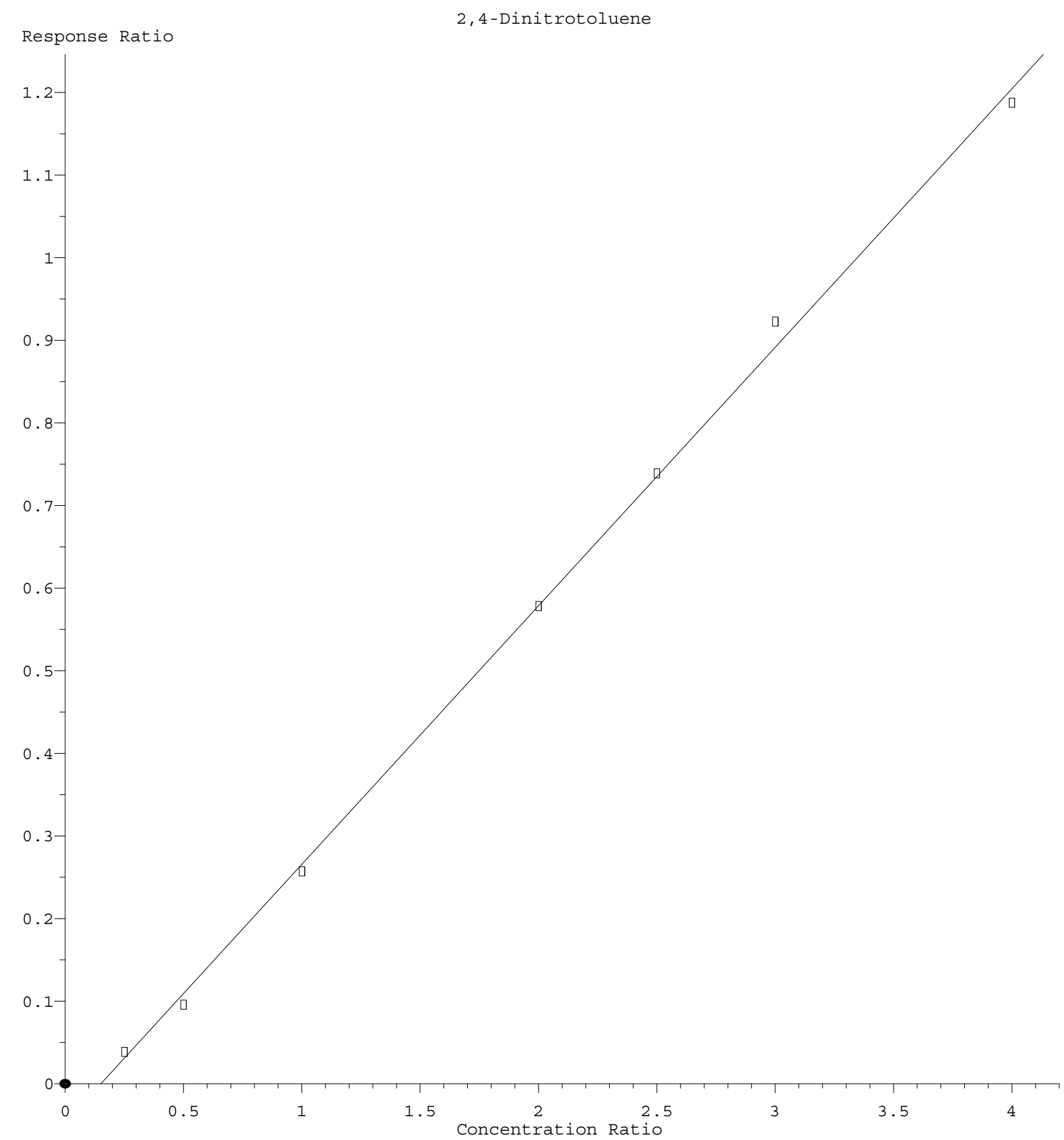
Response = 2.357e-001 * Amt - 3.491e-002
Coef of Det (r^2) = 0.997850 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



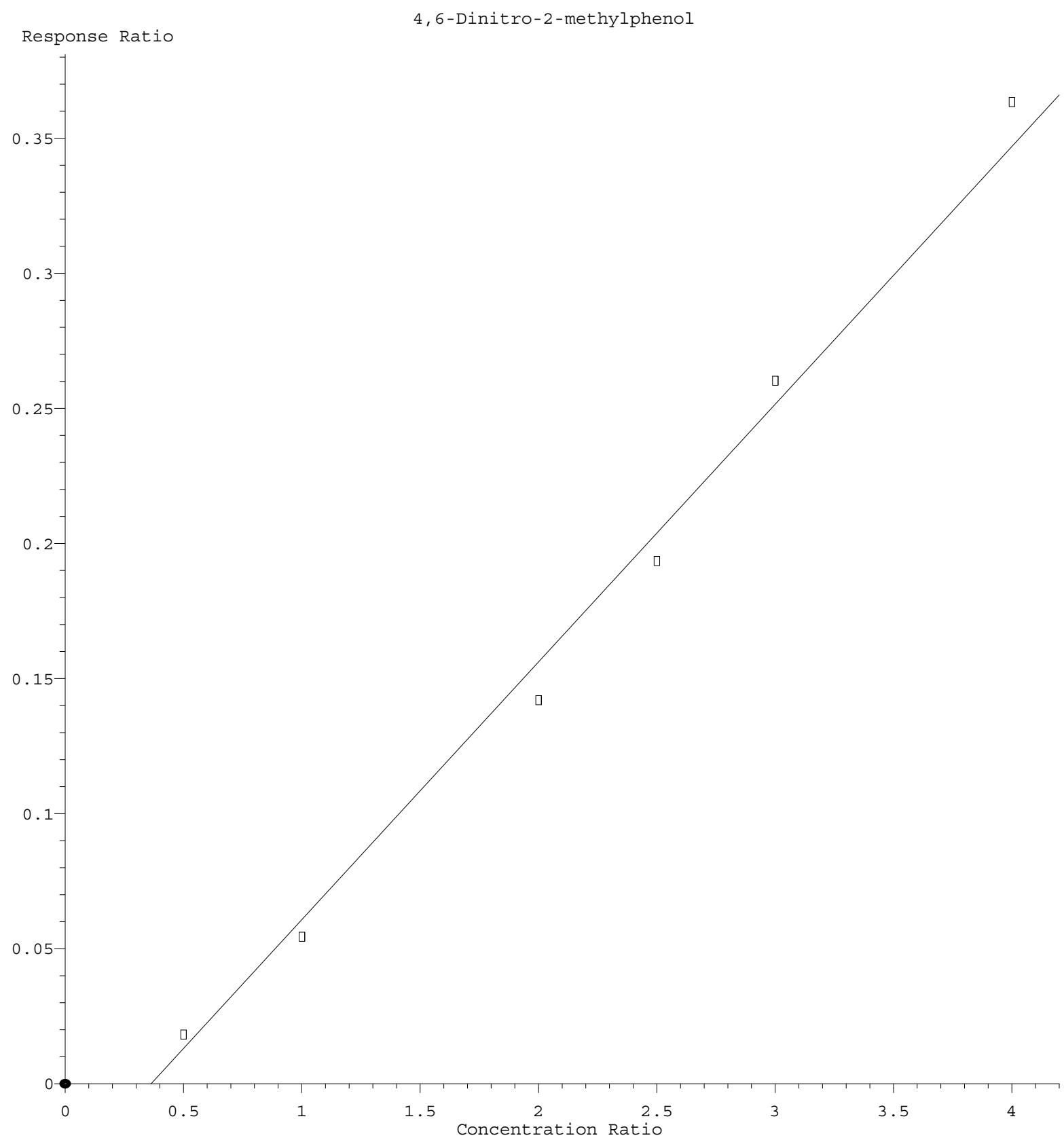
R = 1.122e-002 A*A + 5.261e-002 A - 1.543e-002
Coef of Det (r^2) = 0.997954 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



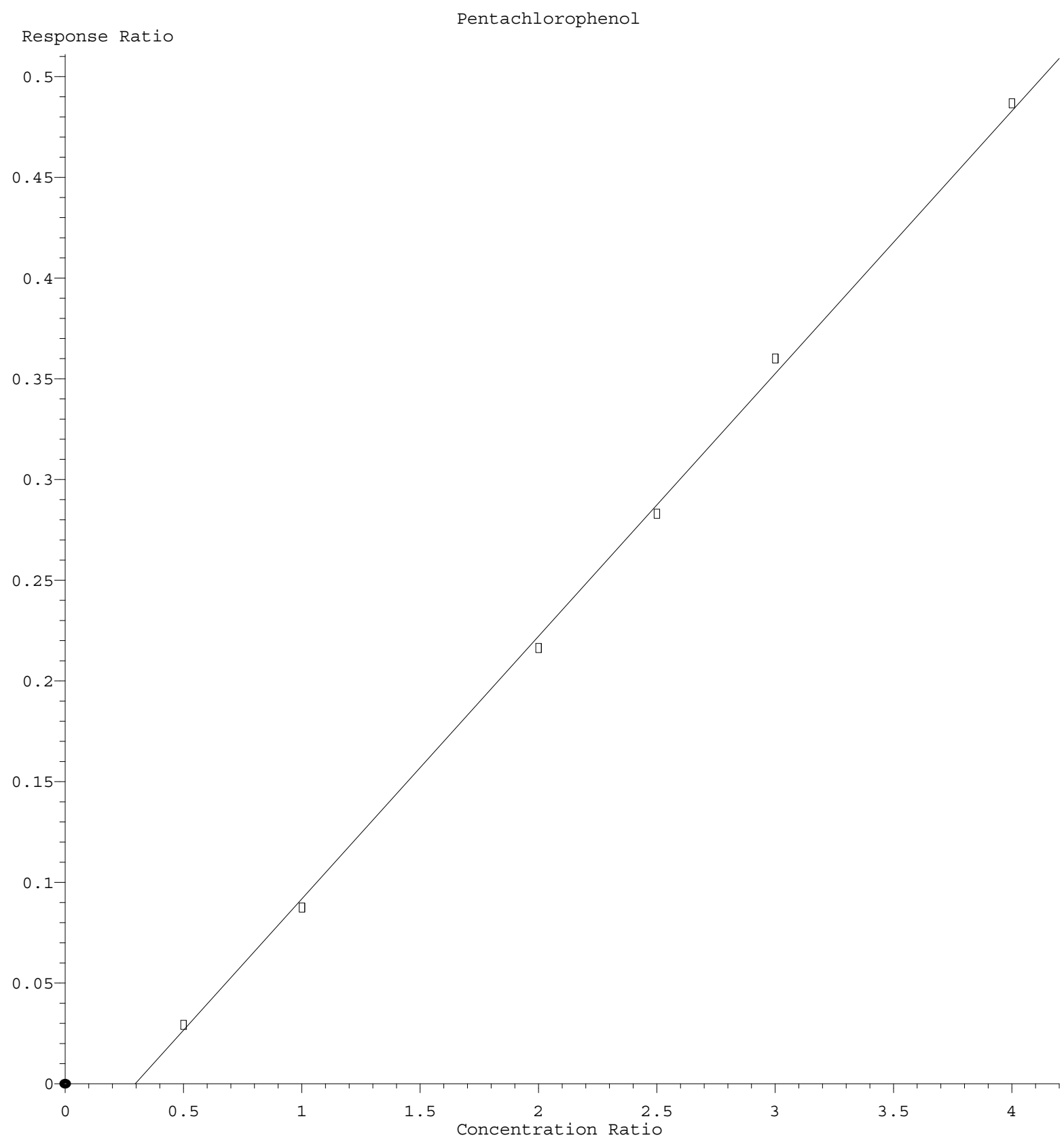
Response = 2.053e-001 * Amt - 5.623e-002
Coef of Det (r^2) = 0.998868 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



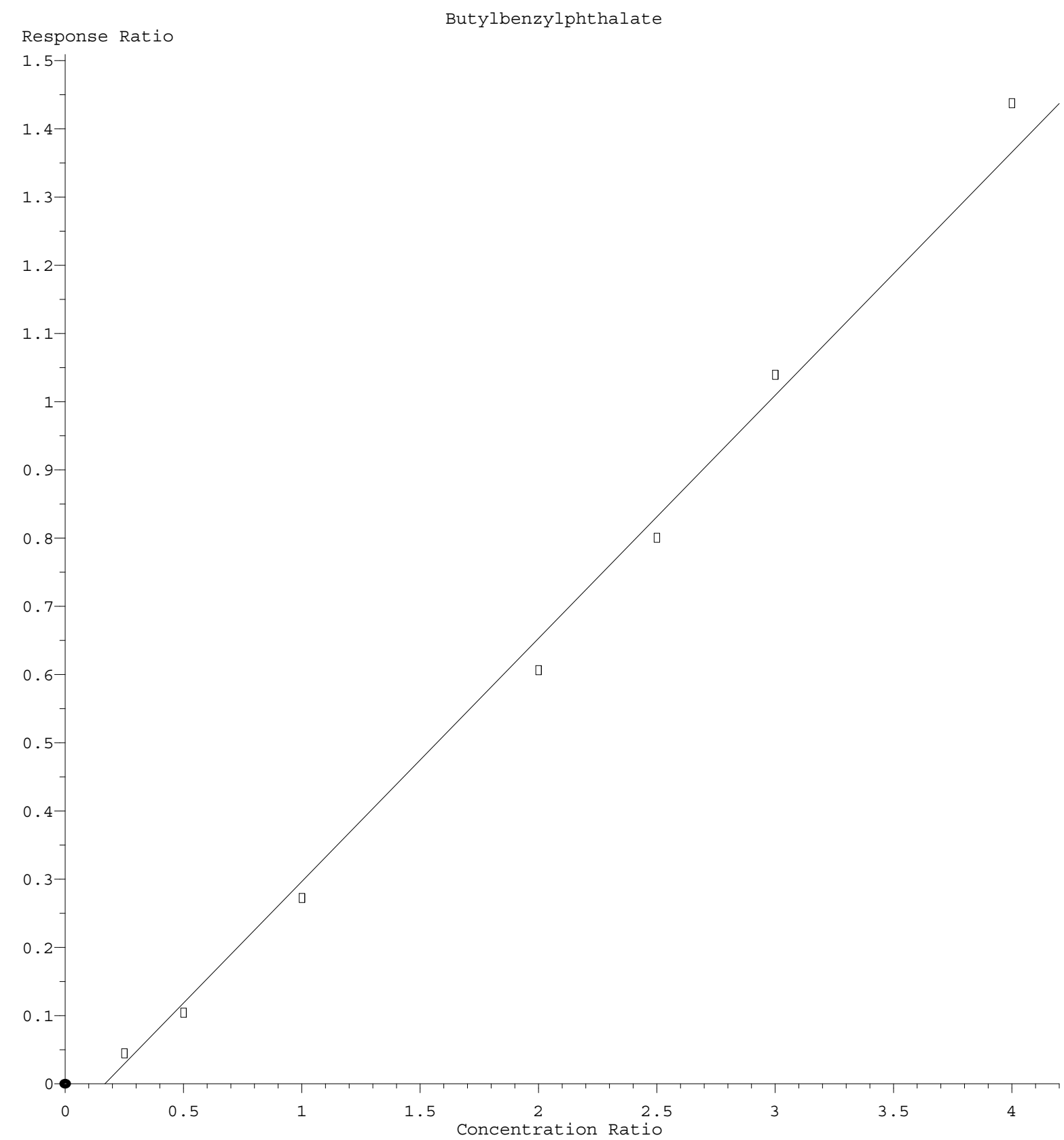
Response = 3.131e-001 * Amt - 4.718e-002
Coef of Det (r^2) = 0.998548 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



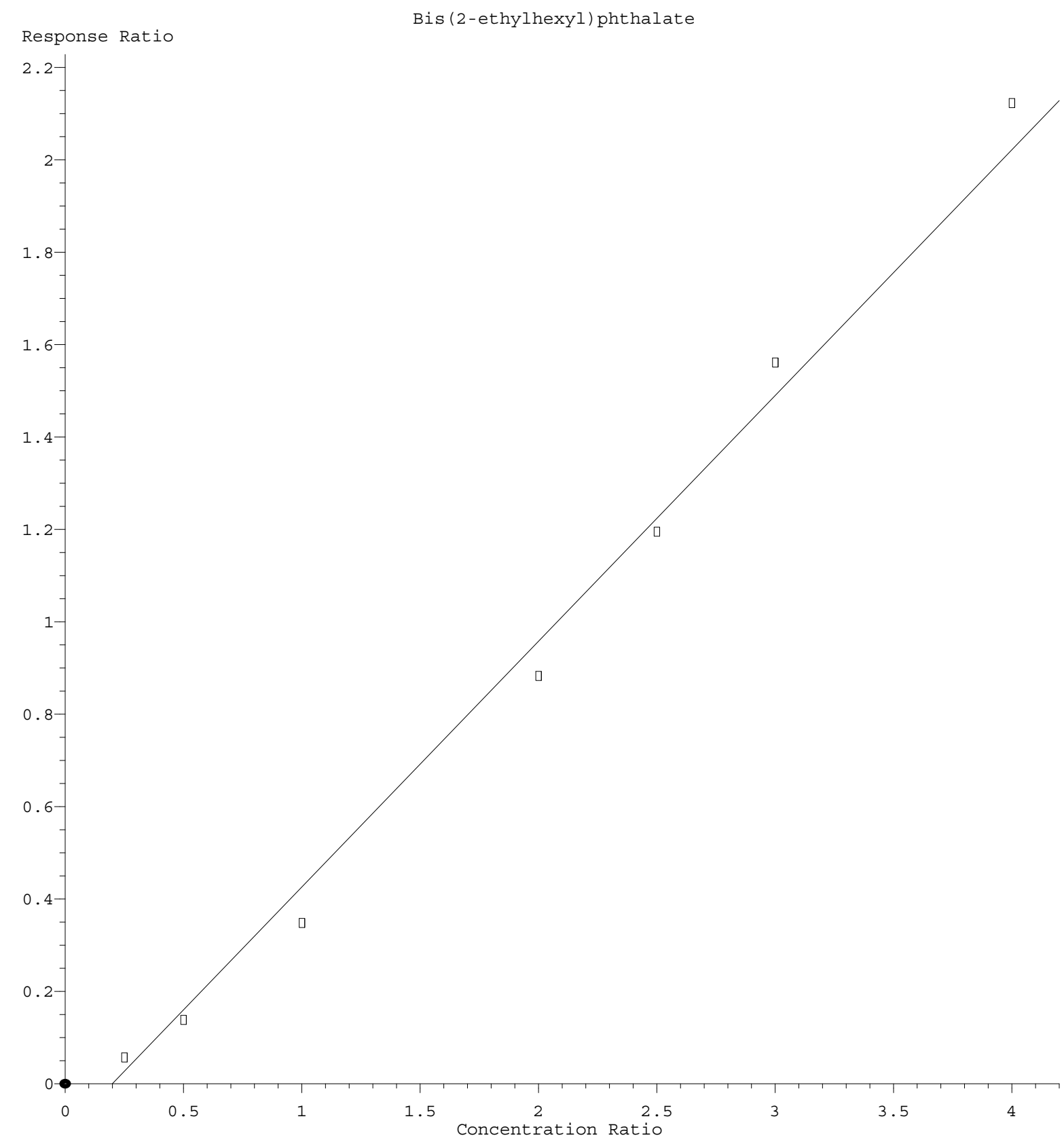
Response = 9.534e-002 * Amt - 3.461e-002
Coef of Det (r^2) = 0.992769 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



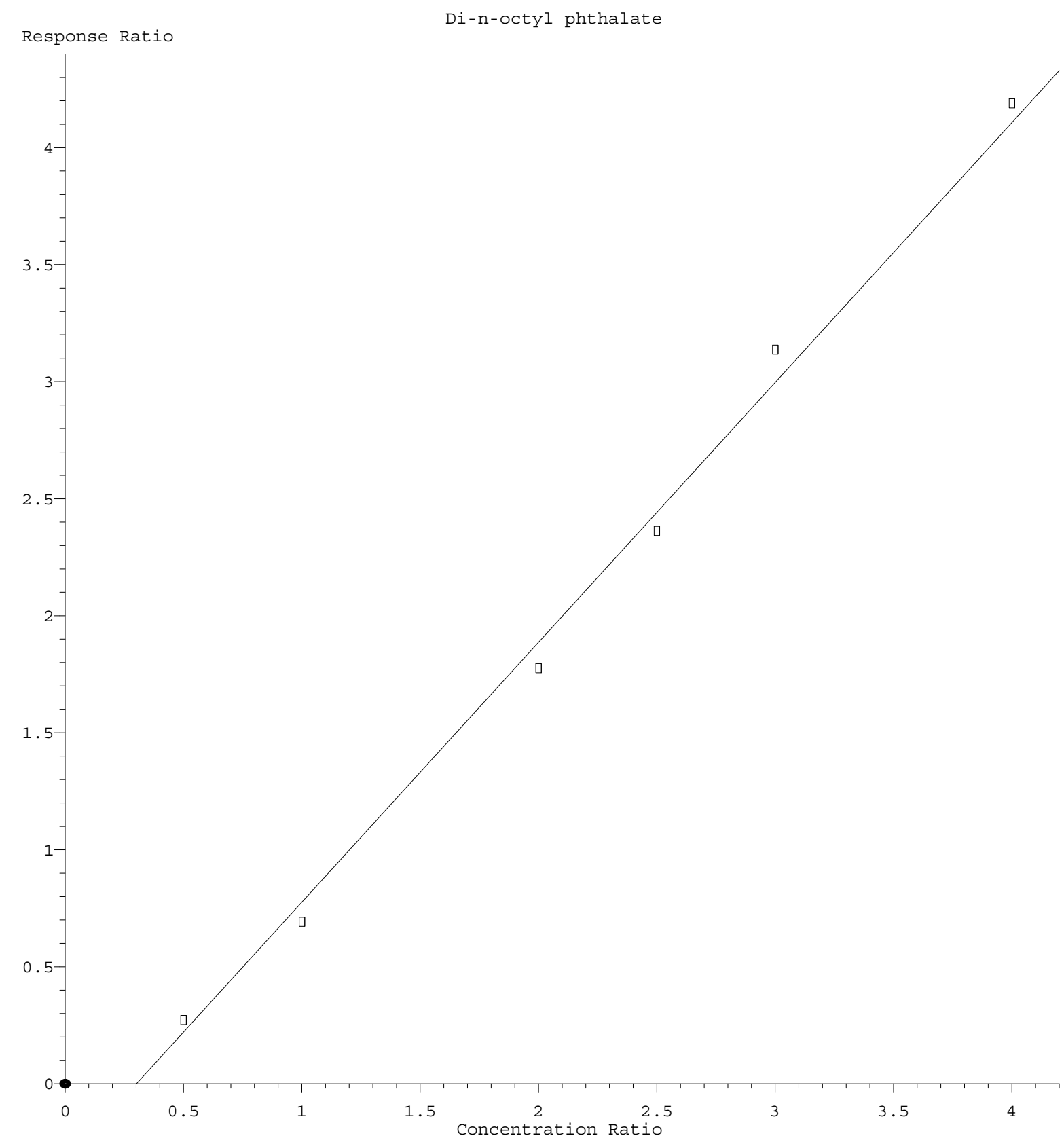
Response = 1.303e-001 * Amt - 3.859e-002
Coef of Det (r^2) = 0.999061 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



Response = 3.564e-001 * Amt - 5.972e-002
Coef of Det (r^2) = 0.994780 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



Response = 5.319e-001 * Amt - 1.061e-001
Coef of Det (r^2) = 0.991563 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025



Response = 1.110e+000 * Amt - 3.345e-001
Coef of Det (r^2) = 0.995260 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143343.D
Acq On : 12 Aug 2025 09:03
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 12 13:15:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

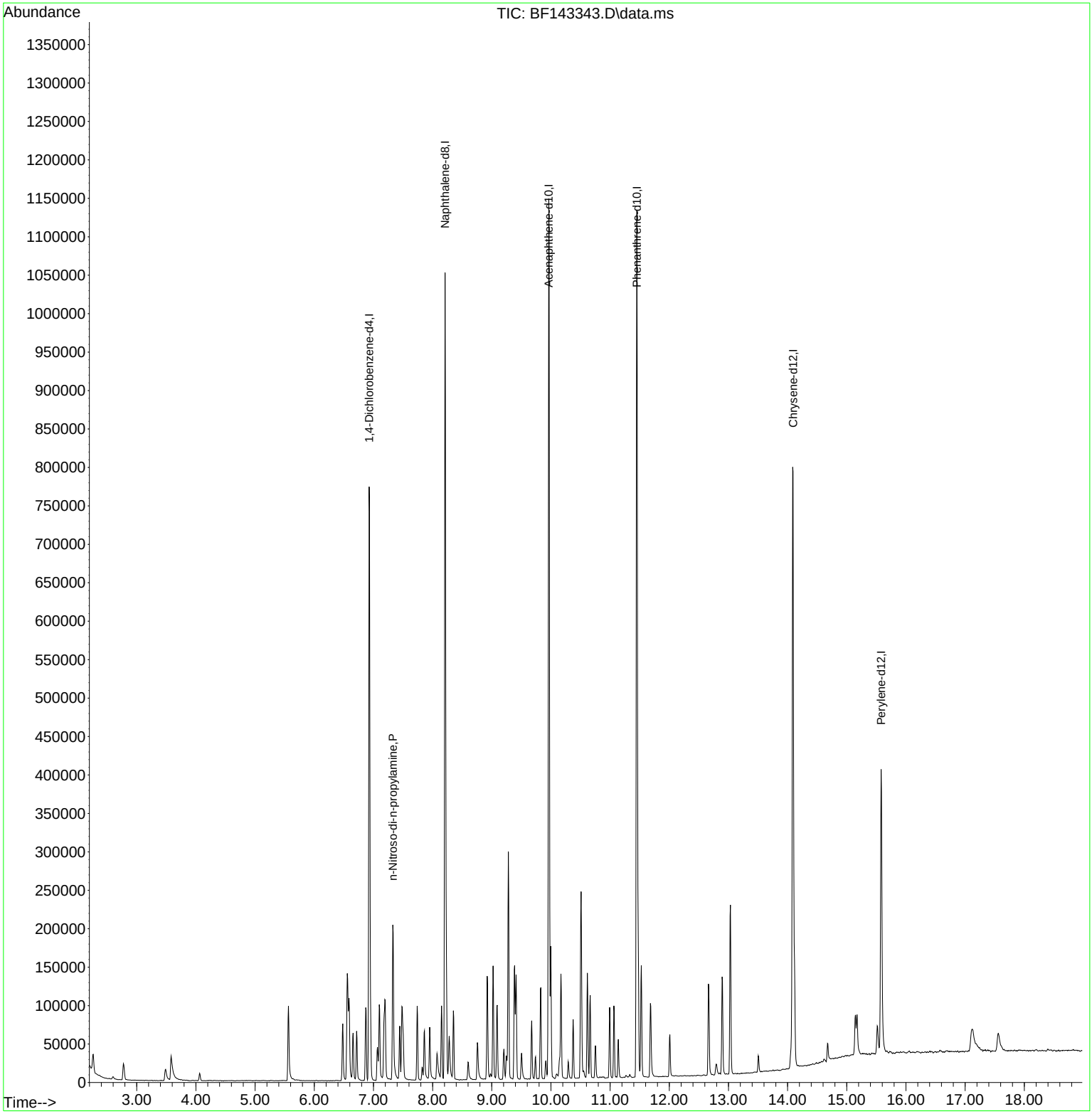
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	162273	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	638032	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	346209	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	555179	20.000	ng	0.00
76) Chrysene-d12	14.092	240	375834	20.000	ng	0.00
86) Perylene-d12	15.580	264	241869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	19396	2.609	ng	94

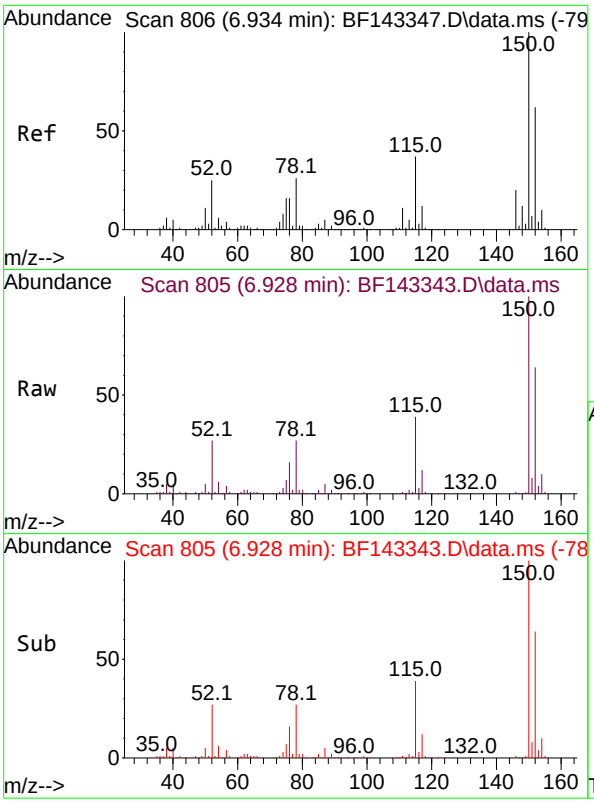
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143343.D
Acq On : 12 Aug 2025 09:03
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 12 13:15:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration



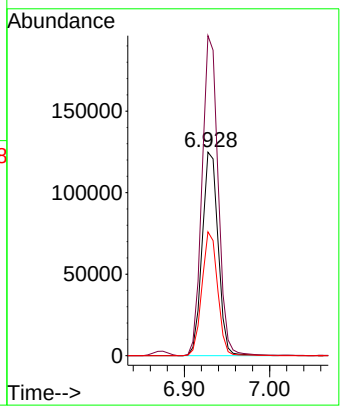


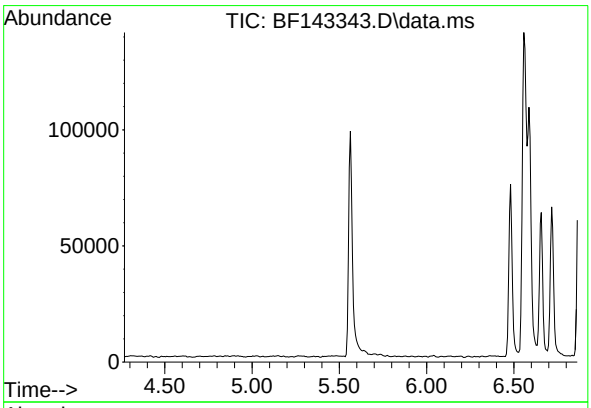
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 162273

Ion	Ratio	Lower	Upper
152	100		
150	157.2	129.8	194.8
115	60.9	47.8	71.8



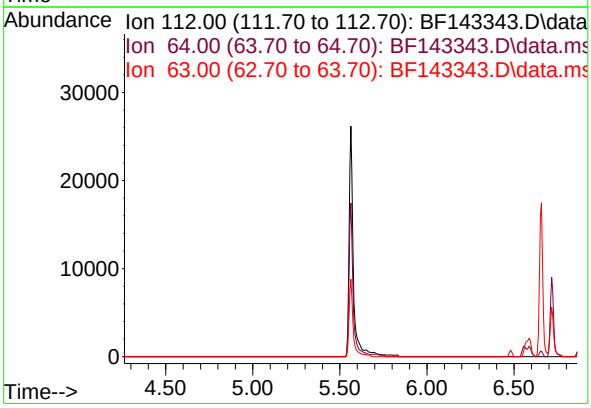


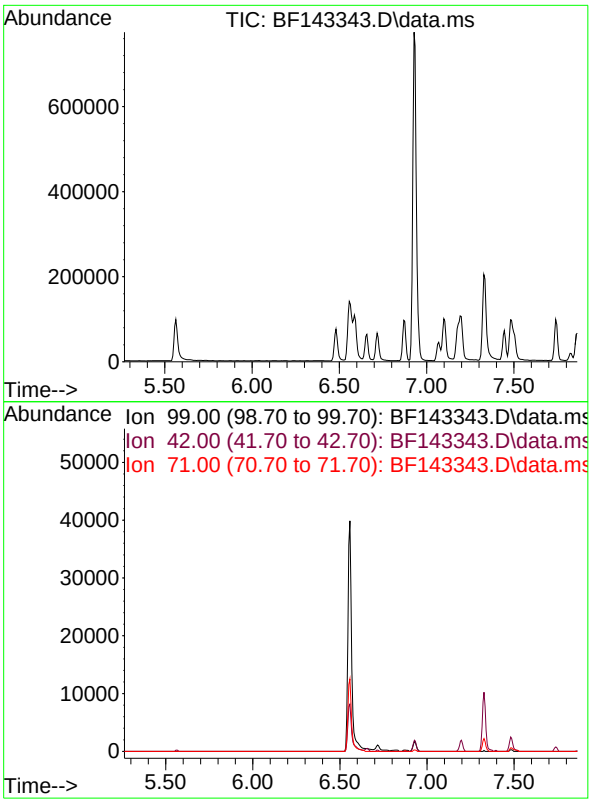
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.56 min

Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	65.1
63	33.2





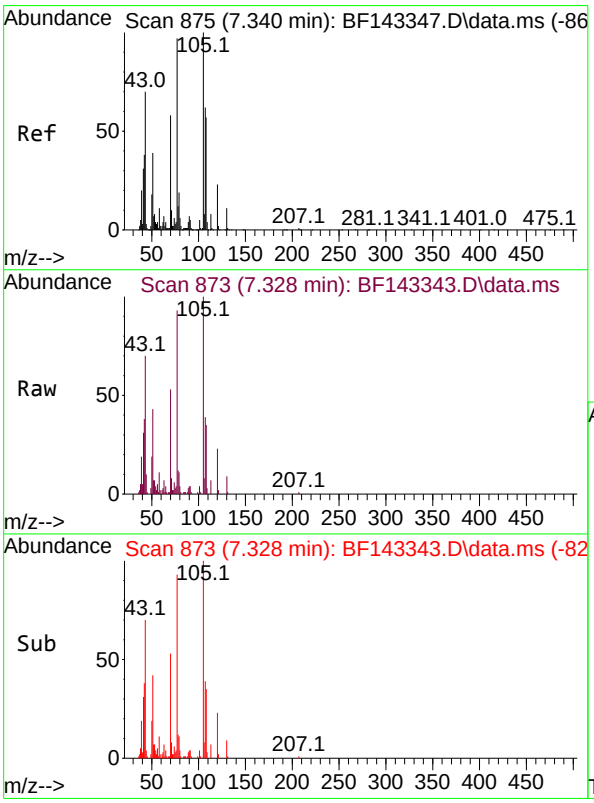
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.56 min

Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

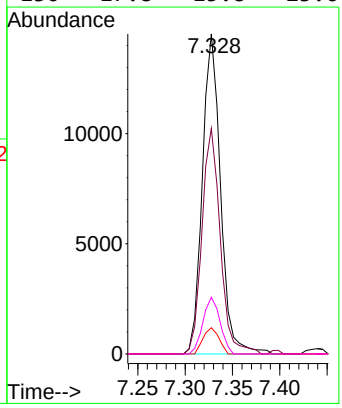
Sig	Exp Ratio
99	100
42	20.8
71	32.7

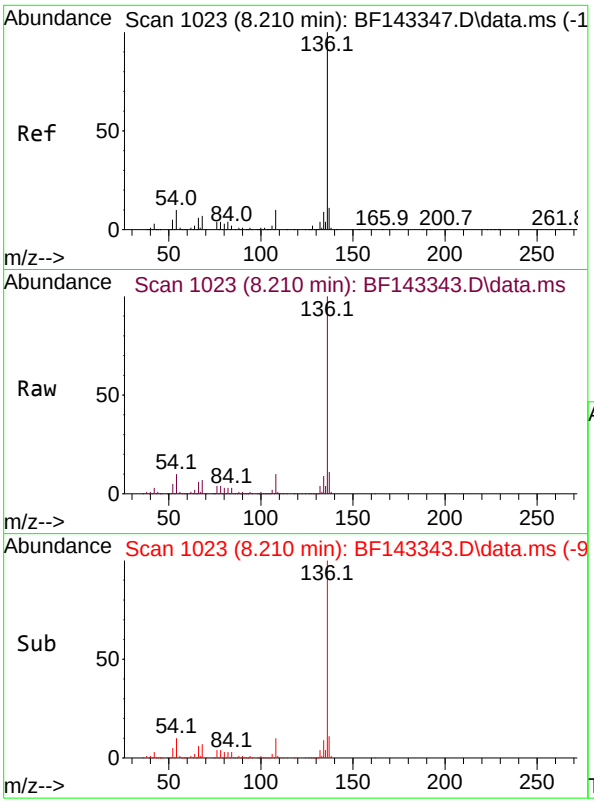


#19
n-Nitroso-di-n-propylamine
Concen: 2.609 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Tgt Ion: 70 Resp: 19396

Ion	Ratio	Lower	Upper
70	100		
42	70.5	51.6	77.4
101	8.2	7.5	11.3
130	17.8	15.8	23.6



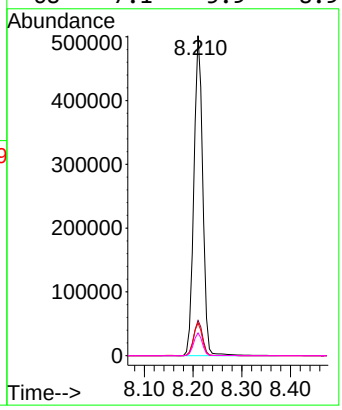


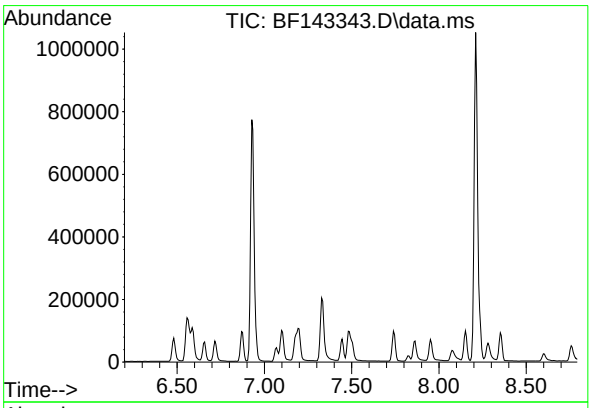
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 638032

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.2	8.4	12.6
68	7.1	5.9	8.9



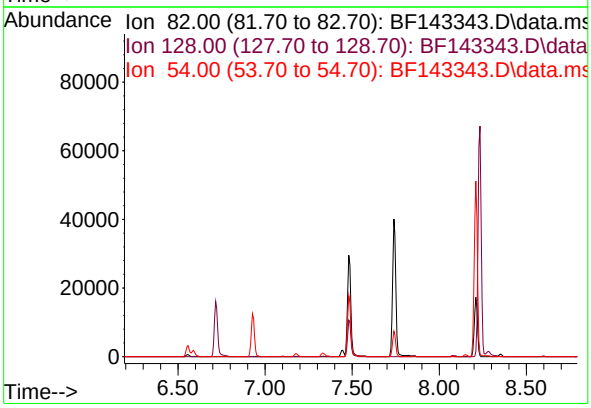


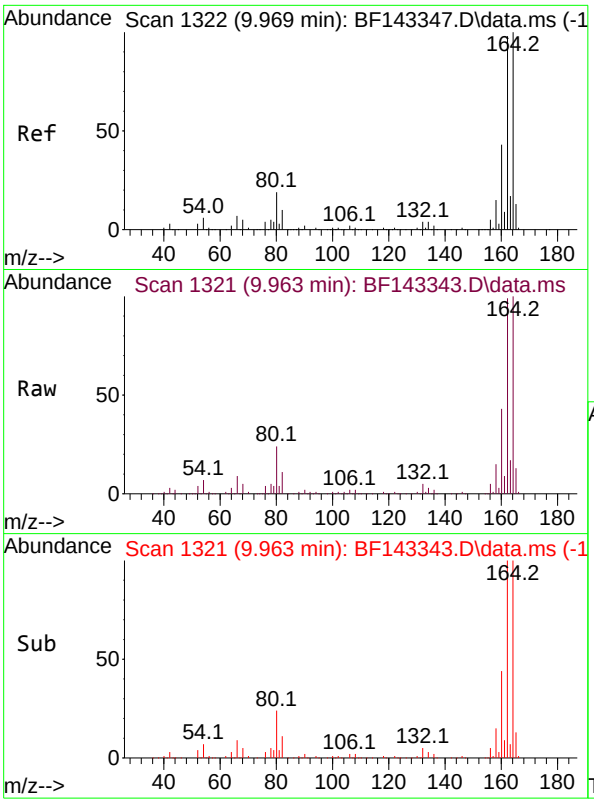
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.49 min

Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	41.9
54	58.4



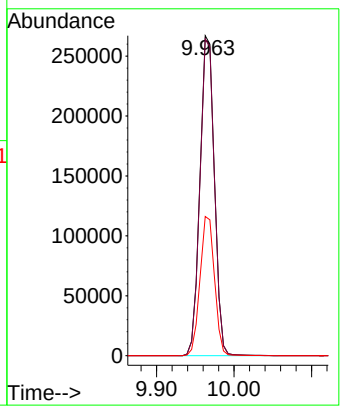


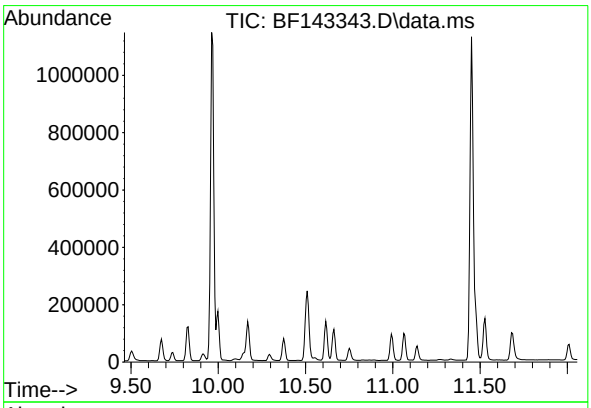
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 346209

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.6	118.0
160	43.5	34.4	51.6



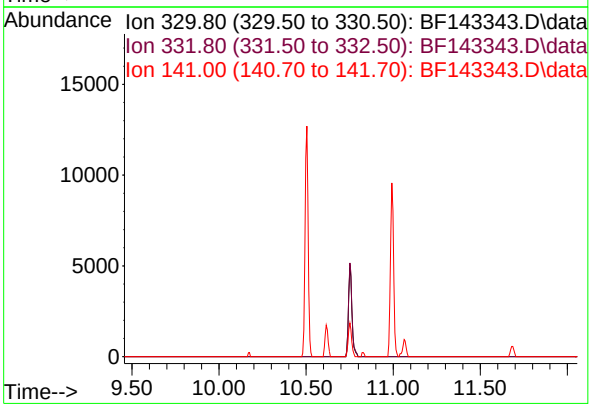


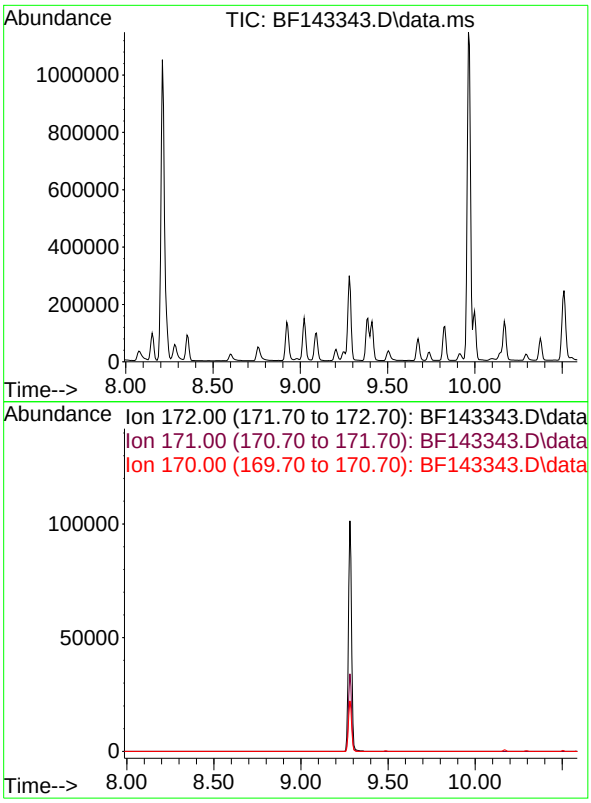
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.76 min

Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.6
141	31.7





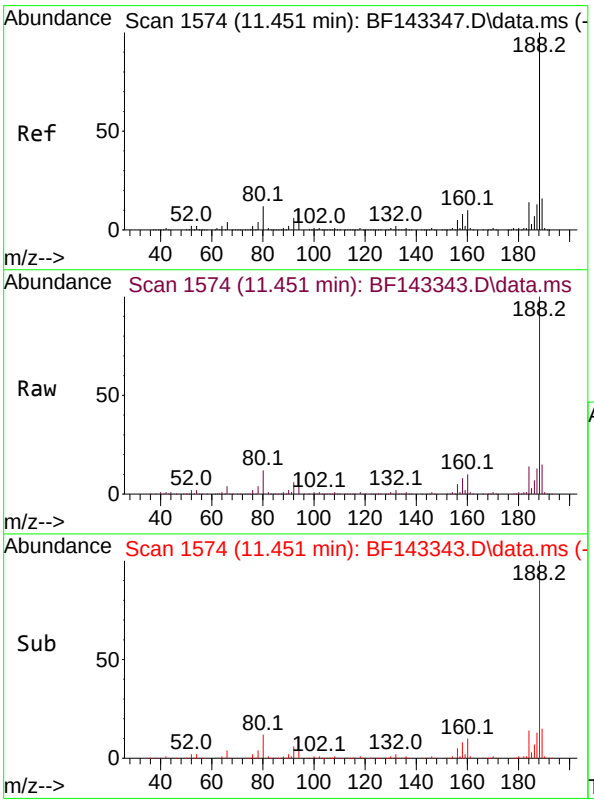
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.29 min

Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

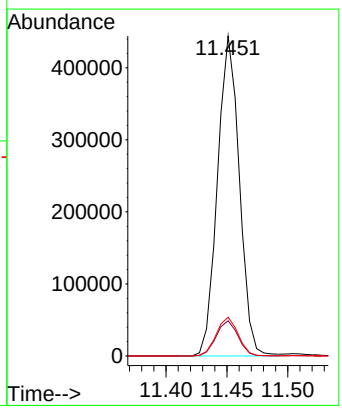
Sig	Exp Ratio
172	100
171	35.5
170	23.9

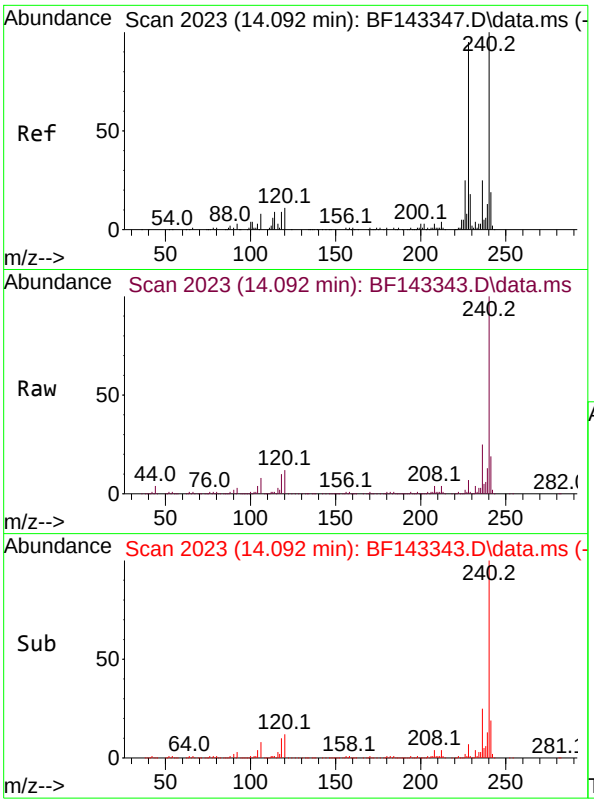


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Tgt Ion:188 Resp: 555179

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.8	13.2
80	12.1	9.7	14.5



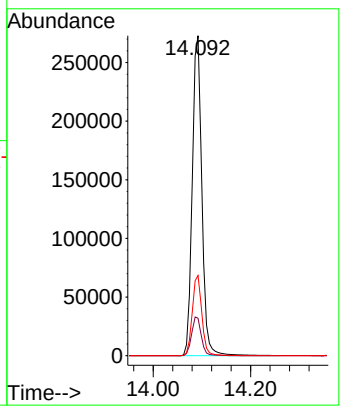


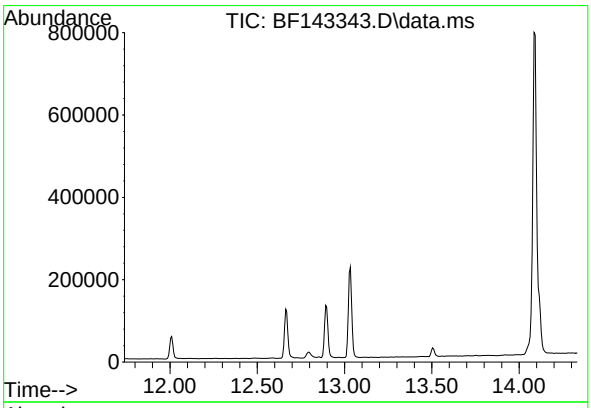
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 375834

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.6
236	25.1	19.9	29.9



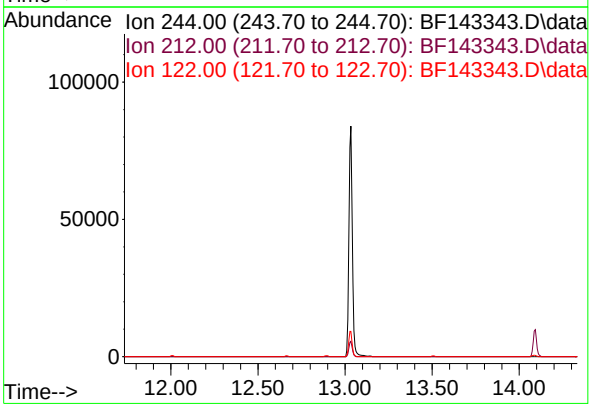


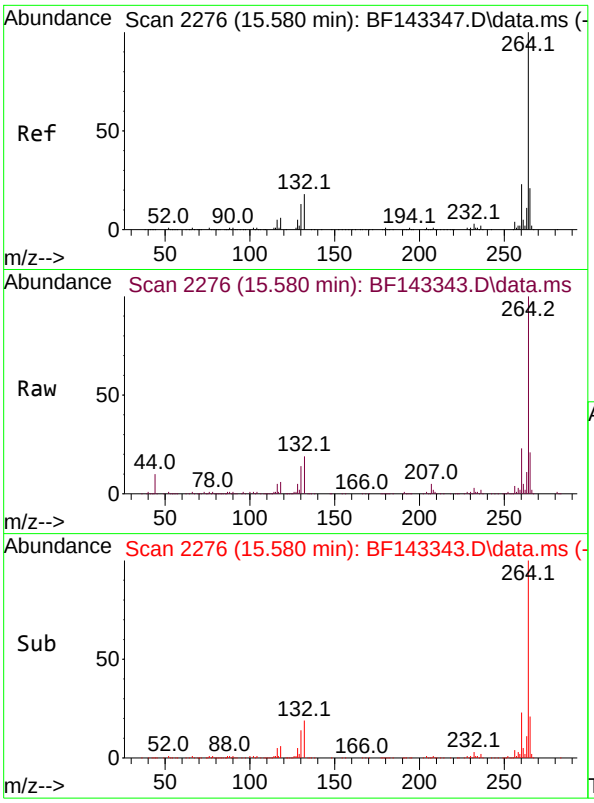
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.03 min

Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.4
122	11.1



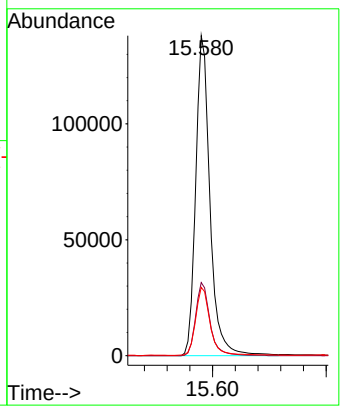


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 241869

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.3	17.2	25.8



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143344.D
Acq On : 12 Aug 2025 09:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 12 13:16:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	162290	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	628268	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	344999	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	557349	20.000	ng		0.00
76) Chrysene-d12	14.086	240	344394	20.000	ng		0.00
86) Perylene-d12	15.580	264	252587	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	93734	9.988	ng		0.00
7) Phenol-d6	6.551	99	123886	10.294	ng		-0.01
23) Nitrobenzene-d5	7.481	82	87105	8.634	ng		-0.01
42) 2,4,6-Tribromophenol	10.751	330	18107	7.182	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	249109	12.244	ng		0.00
79) Terphenyl-d14	13.027	244	230289	11.938	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	24600	5.066	ng		96
3) Pyridine	3.563	79	59883	4.627	ng		98
6) Aniline	6.587	93	87728	5.171	ng		99
8) 2-Chlorophenol	6.716	128	47366	4.723	ng		97
10) Phenol	6.569	94	73959	5.187	ng		95
11) bis(2-Chloroethyl)ether	6.657	93	55039	5.238	ng		98
12) 1,3-Dichlorobenzene	6.869	146	62932	5.441	ng		98
13) 1,4-Dichlorobenzene	6.945	146	63946	5.508	ng		98
14) 1,2-Dichlorobenzene	7.098	146	60298	5.472	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	102291	5.453	ng		97
17) 2-Methylphenol	7.175	107	41246	4.873	ng		97
18) Hexachloroethane	7.445	117	17263	4.743	ng		96
19) n-Nitroso-di-n-propyla...	7.328	70	40228	5.410	ng		98
22) Acetophenone	7.328	105	78486	5.670	ng	#	97
24) Nitrobenzene	7.498	77	50634	4.621	ng		96
25) Isophorone	7.739	82	108673	5.276	ng		97
26) 2-Nitrophenol	7.822	139	10813	5.918	ng		95
27) 2,4-Dimethylphenol	7.857	122	40753	4.743	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	66594	5.296	ng		98
29) 2,4-Dichlorophenol	8.069	162	38135	4.544	ng		97
30) 1,2,4-Trichlorobenzene	8.151	180	46949	5.303	ng		98
31) Naphthalene	8.233	128	170051	5.625	ng		99
33) 4-Chloroaniline	8.281	127	56886	5.217	ng		99
34) Hexachlorobutadiene	8.351	225	29122	5.288	ng		99
36) 4-Chloro-3-methylphenol	8.757	107	42384	4.817	ng		99
37) 2-Methylnaphthalene	8.922	142	113134	5.692	ng		99
38) 1-Methylnaphthalene	9.022	142	108359	5.661	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	50724	5.373	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	20838	3.890	ng		98
44) 2,4,5-Trichlorophenol	9.245	196	26517	4.384	ng		99
46) 1,1'-Biphenyl	9.380	154	139115	5.703	ng		100
47) 2-Chloronaphthalene	9.410	162	104874	5.459	ng		97
48) 2-Nitroaniline	9.498	65	16200	5.521	ng		89
49) Acenaphthylene	9.822	152	151682	5.467	ng		99
50) Dimethylphthalate	9.675	163	100034	4.962	ng		100
51) 2,6-Dinitrotoluene	9.739	165	10751	5.607	ng		89

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143344.D
Acq On : 12 Aug 2025 09:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 12 13:16:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.998	154	104223	5.651	ng		99
53) 3-Nitroaniline	9.910	138	13704	3.319	ng	#	85
55) Dibenzofuran	10.169	168	151524	5.708	ng		99
57) 2,4-Dinitrotoluene	10.139	165	13285	5.473	ng	#	85
58) Fluorene	10.510	166	119124	5.875	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	14793	3.628	ng	#	98
60) Diethylphthalate	10.375	149	87234	4.831	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	55620	5.677	ng		99
62) 4-Nitroaniline	10.516	138	15026	3.762	ng		95
63) Azobenzene	10.663	77	112299	5.445	ng		99
66) n-Nitrosodiphenylamine	10.616	169	96579	5.263	ng		99
67) 4-Bromophenyl-phenylether	10.992	248	32274	5.063	ng		98
68) Hexachlorobenzene	11.063	284	35913	5.227	ng		96
69) Atrazine	11.139	200	20457	4.274	ng		100
71) Phenanthrene	11.474	178	169159	5.563	ng		99
72) Anthracene	11.527	178	170698	5.535	ng		98
73) Carbazole	11.680	167	146129	5.564	ng		99
74) Di-n-butylphthalate	12.004	149	93961	4.228	ng		99
75) Fluoranthene	12.663	202	156101	5.860	ng		99
78) Pyrene	12.892	202	165633	5.733	ng		98
80) Butylbenzylphthalate	13.504	149	15374	5.856	ng		99
81) Benzo(a)anthracene	14.080	228	114909	5.250	ng		98
83) Chrysene	14.115	228	109349	5.357	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	19633	6.133	ng		97
87) Indeno(1,2,3-cd)pyrene	17.098	276	88484	4.890	ng		98
88) Benzo(b)fluoranthene	15.139	252	74031	5.359	ng		98
89) Benzo(k)fluoranthene	15.168	252	67207	5.006	ng		99
90) Benzo(a)pyrene	15.515	252	66211	5.089	ng		98
91) Dibenzo(a,h)anthracene	17.115	278	71319	4.933	ng		98
92) Benzo(g,h,i)perylene	17.551	276	69991	4.806	ng	#	93

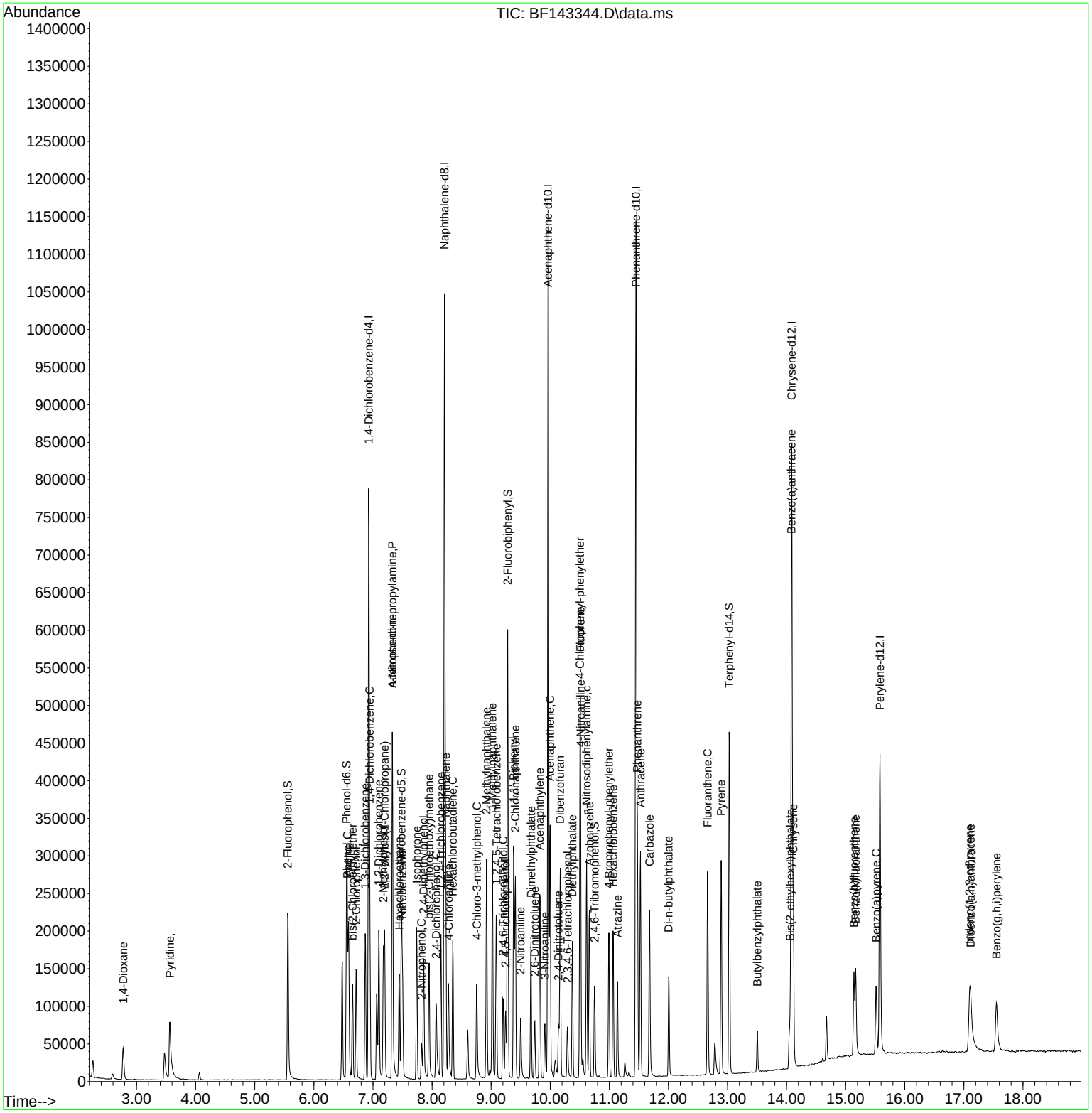
(#) = qualifier out of range (m) = manual integration (+) = signals summed

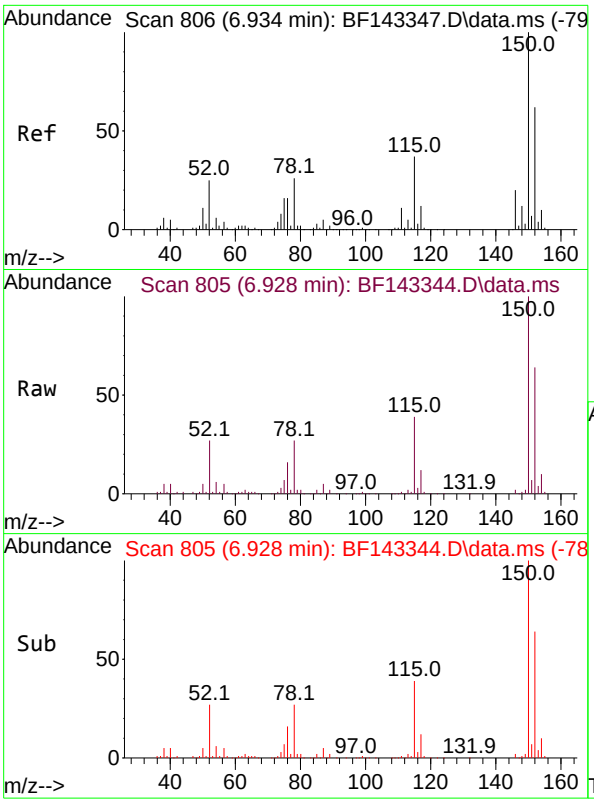
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143344.D
Acq On : 12 Aug 2025 09:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 12 13:16:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration



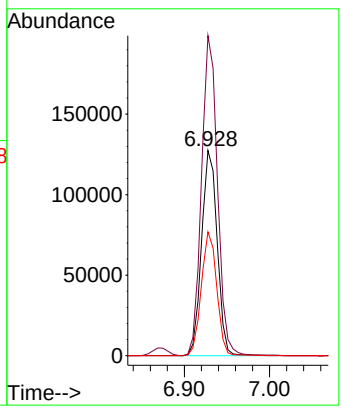


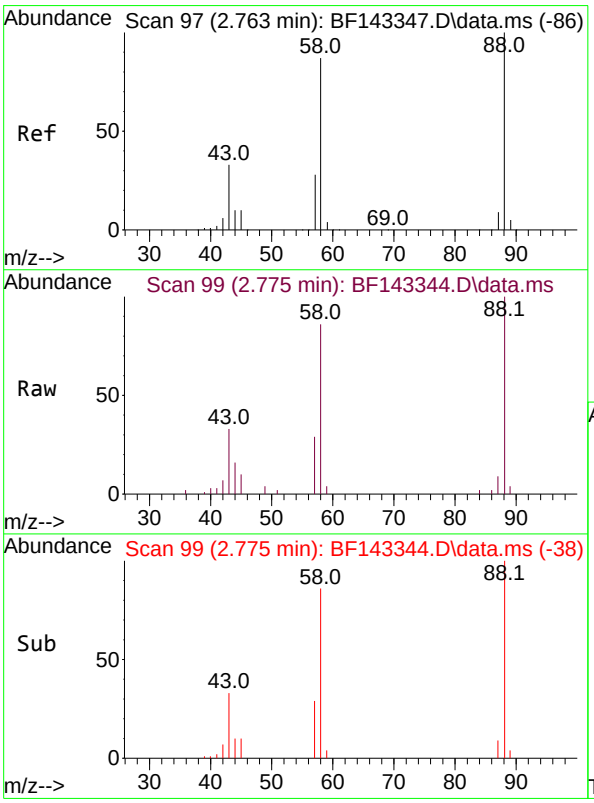
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 162290

Ion	Ratio	Lower	Upper
152	100		
150	156.0	129.8	194.8
115	60.3	47.8	71.8

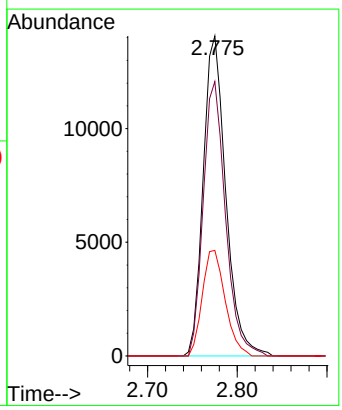


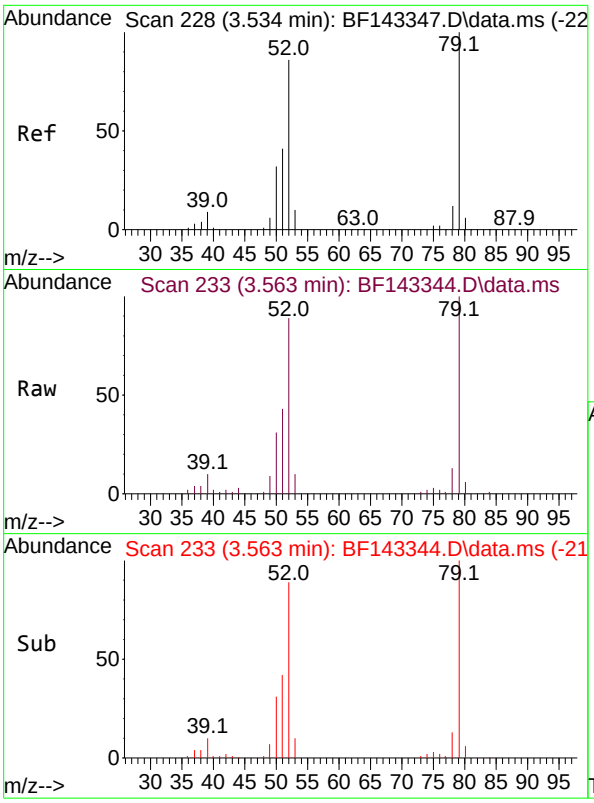


#2
1,4-Dioxane
Concen: 5.066 ng
RT: 2.775 min Scan# 99
Delta R.T. 0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 88 Resp: 24600

Ion	Ratio	Lower	Upper
88	100		
58	84.4	71.0	106.6
43	33.4	27.0	40.6



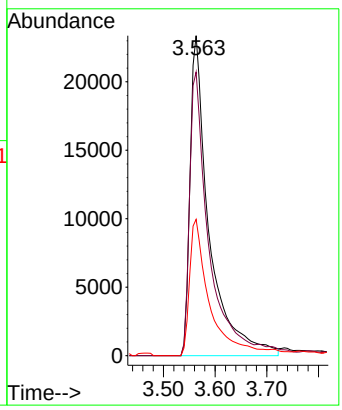


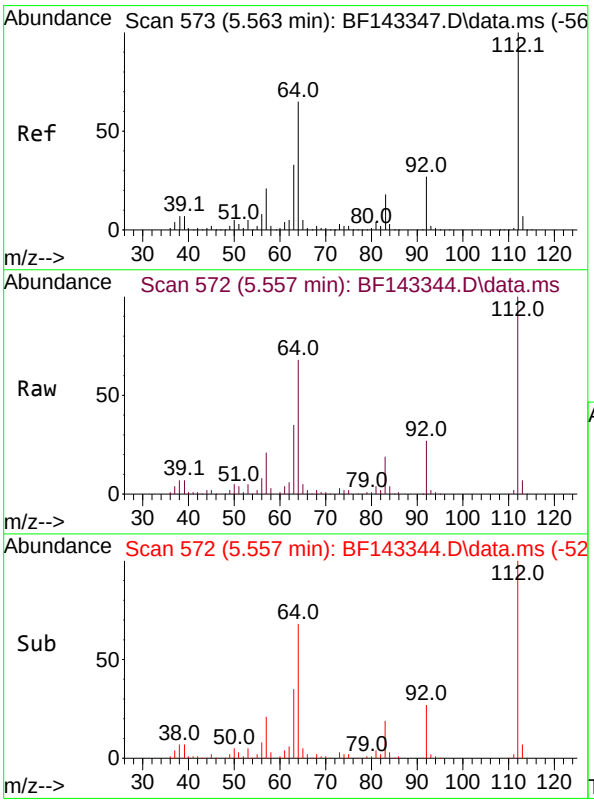
#3
Pyridine
Concen: 4.627 ng
RT: 3.563 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 59883

Ion	Ratio	Lower	Upper
79	100		
52	88.6	68.7	103.1
51	42.6	33.4	50.0

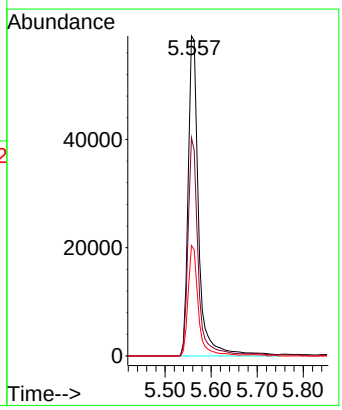


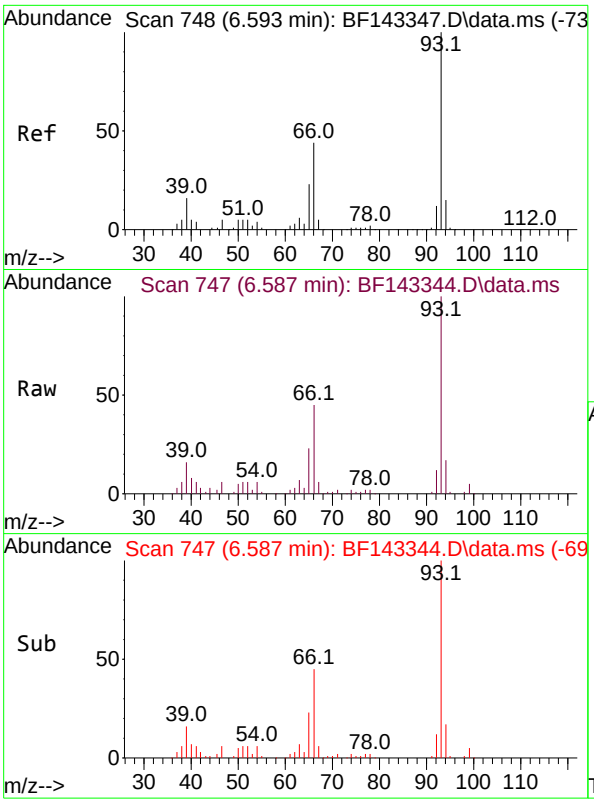


#5
2-Fluorophenol
Concen: 9.988 ng
RT: 5.557 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:112 Resp: 93734

Ion	Ratio	Lower	Upper
112	100		
64	68.2	52.1	78.1
63	34.5	26.6	39.8



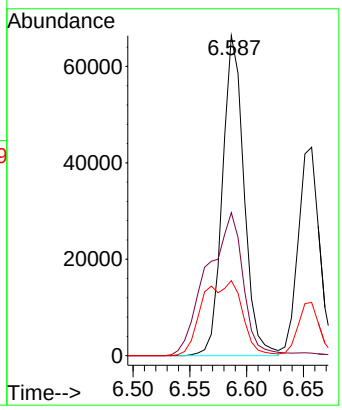


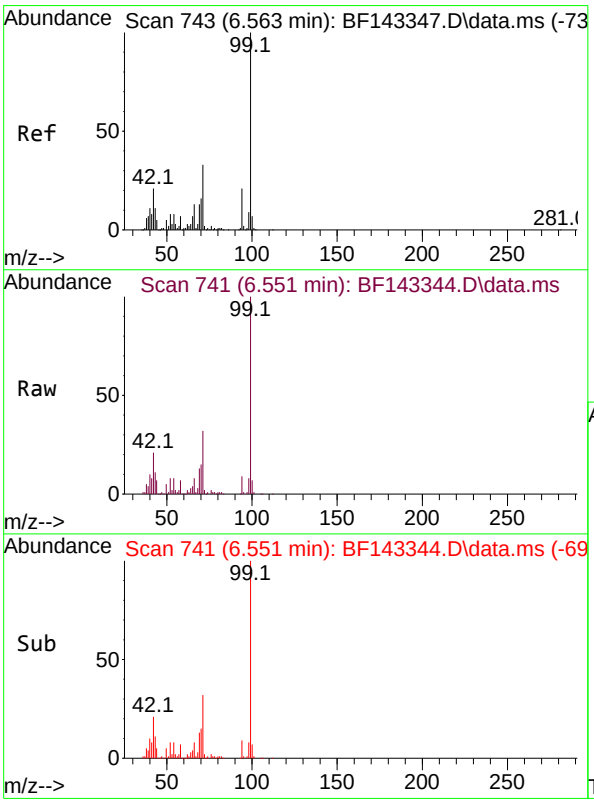
#6
Aniline
Concen: 5.171 ng
RT: 6.587 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 87728

Ion	Ratio	Lower	Upper
93	100		
66	44.7	35.3	52.9
65	23.5	18.2	27.4

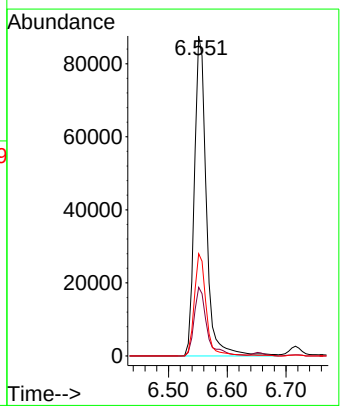


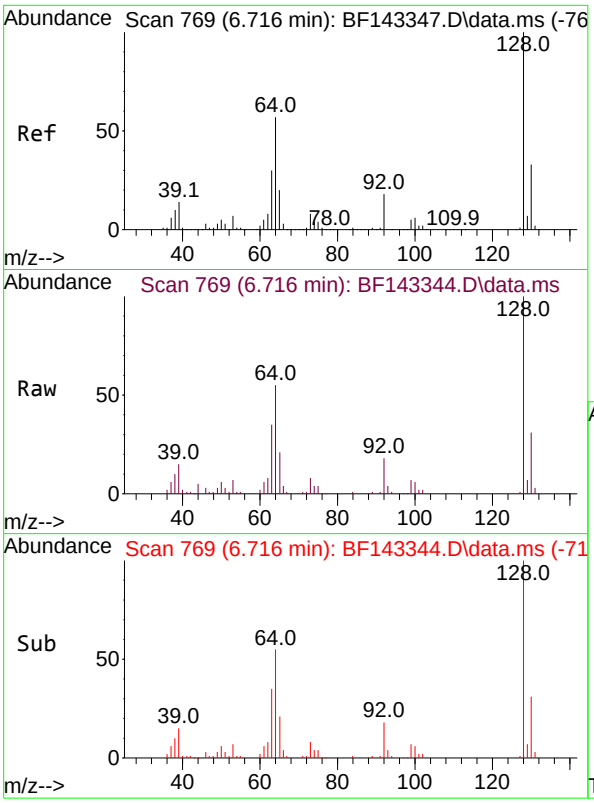


#7
Phenol-d6
Concen: 10.294 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 99 Resp: 123886

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.6	25.0
71	31.9	26.2	39.2



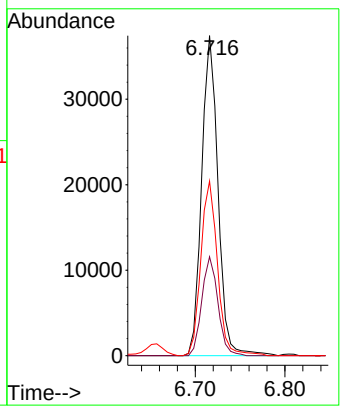


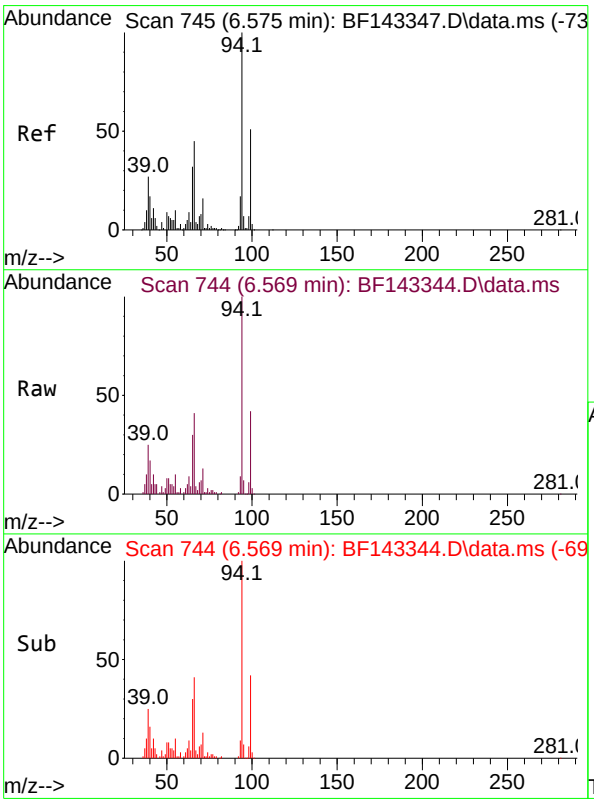
#8
2-Chlorophenol
Concen: 4.723 ng
RT: 6.716 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 47366

Ion	Ratio	Lower	Upper
128	100		
130	30.9	12.6	52.6
64	54.6	36.7	76.7

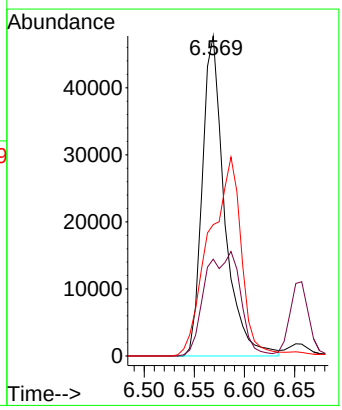


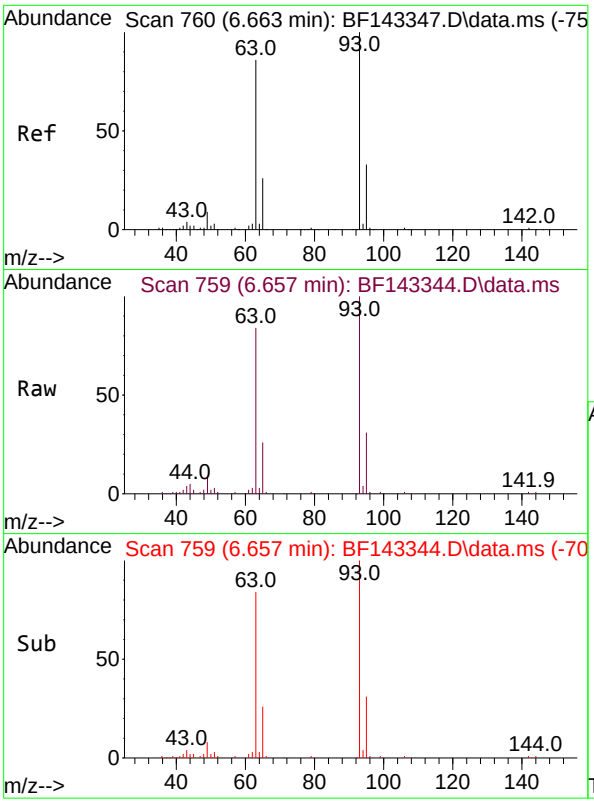


#10
Phenol
Concen: 5.187 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 94 Resp: 73959

Ion	Ratio	Lower	Upper
94	100		
65	30.3	12.0	52.0
66	41.0	25.6	65.6



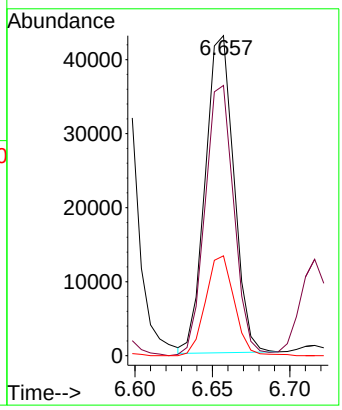


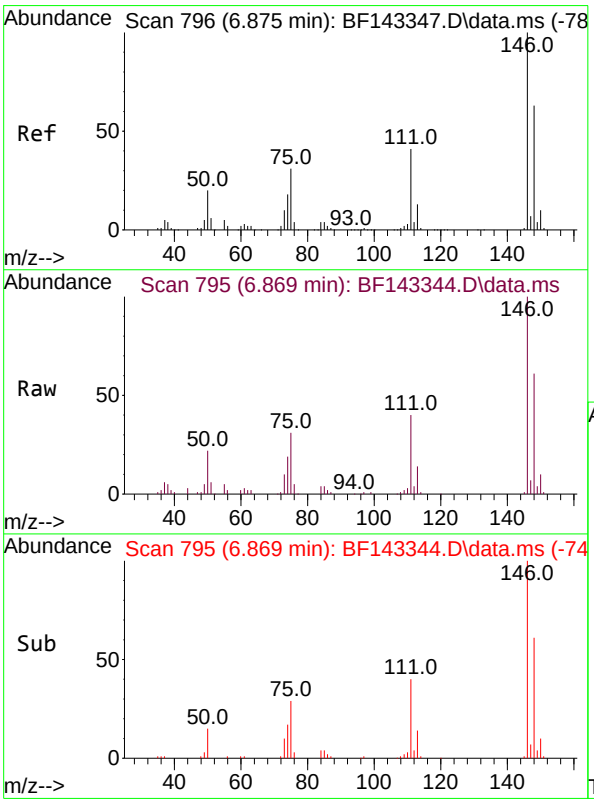
#11
bis(2-Chloroethyl)ether
Concen: 5.238 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 55039

Ion	Ratio	Lower	Upper
93	100		
63	84.4	65.7	105.7
95	31.2	13.0	53.0

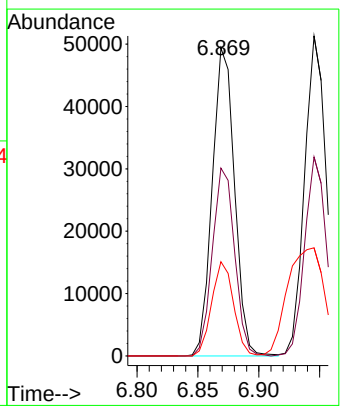


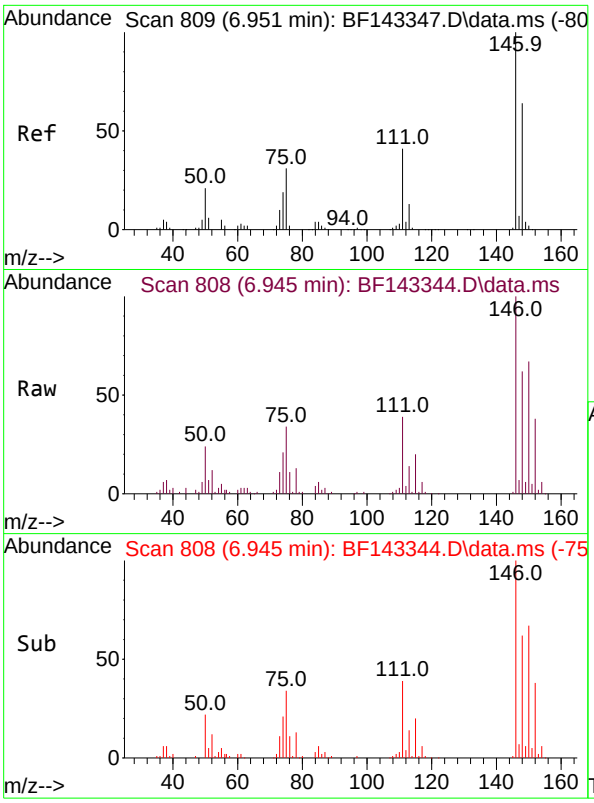


#12
1,3-Dichlorobenzene
Concen: 5.441 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:146 Resp: 62932

Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.5	75.7
75	30.6	24.9	37.3



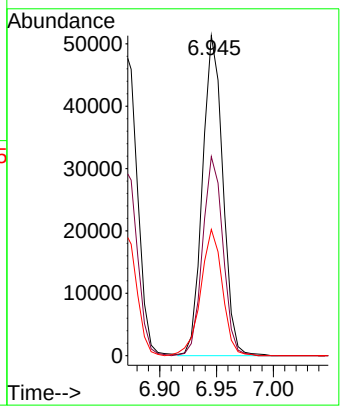


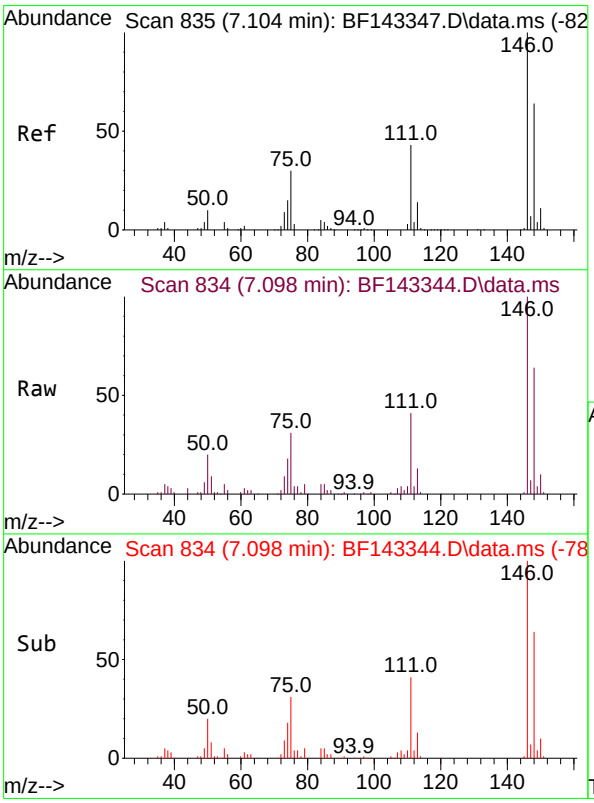
#13
1,4-Dichlorobenzene
Concen: 5.508 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 63946

Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.4	77.0
111	39.5	32.6	48.8

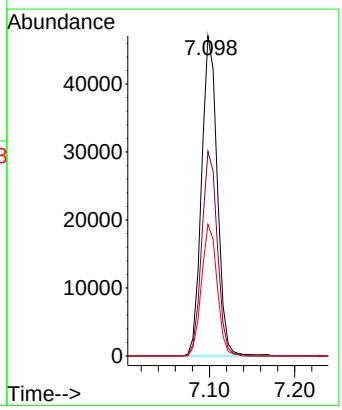


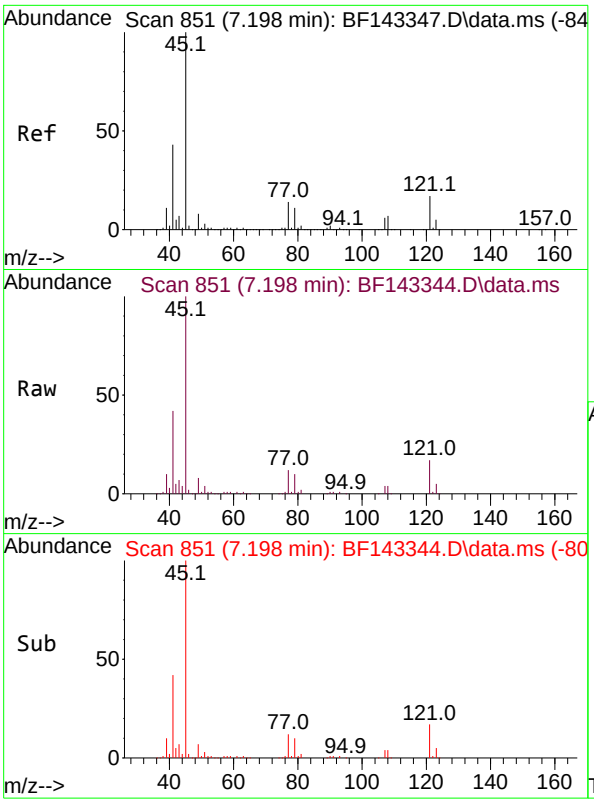


#14
1,2-Dichlorobenzene
Concen: 5.472 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:146 Resp: 60298

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	41.1	34.1	51.1



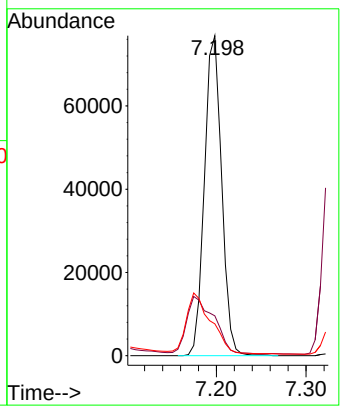


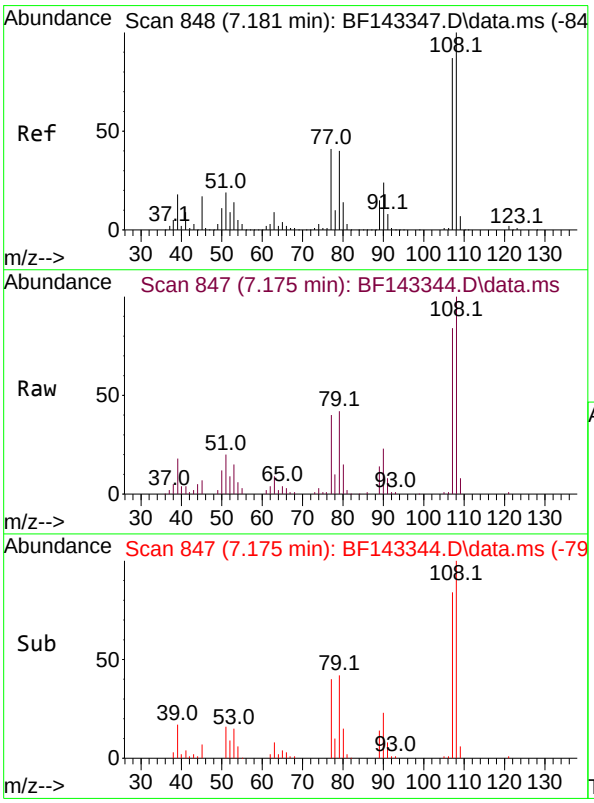
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.453 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 102291

Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	34.0
79	10.0	0.0	31.1

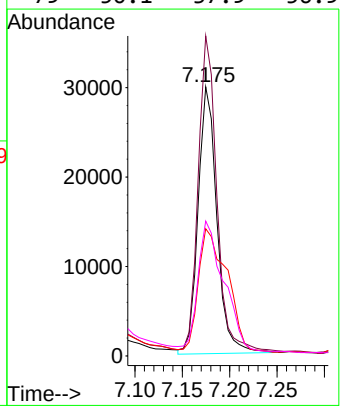


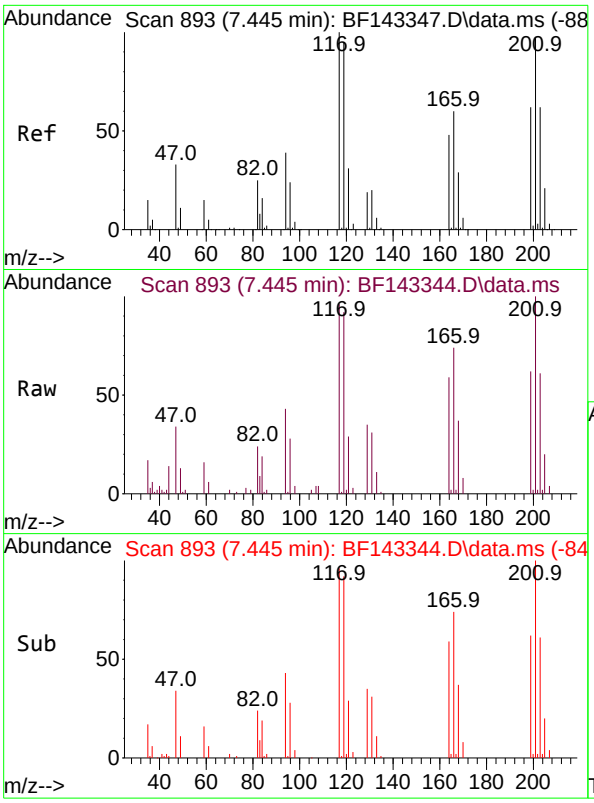


#17
2-Methylphenol
Concen: 4.873 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:107 Resp: 41246

Ion	Ratio	Lower	Upper
107	100		
108	118.9	92.0	138.0
77	47.3	38.2	57.2
79	50.1	37.9	56.9



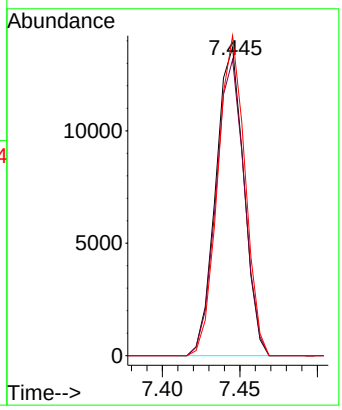


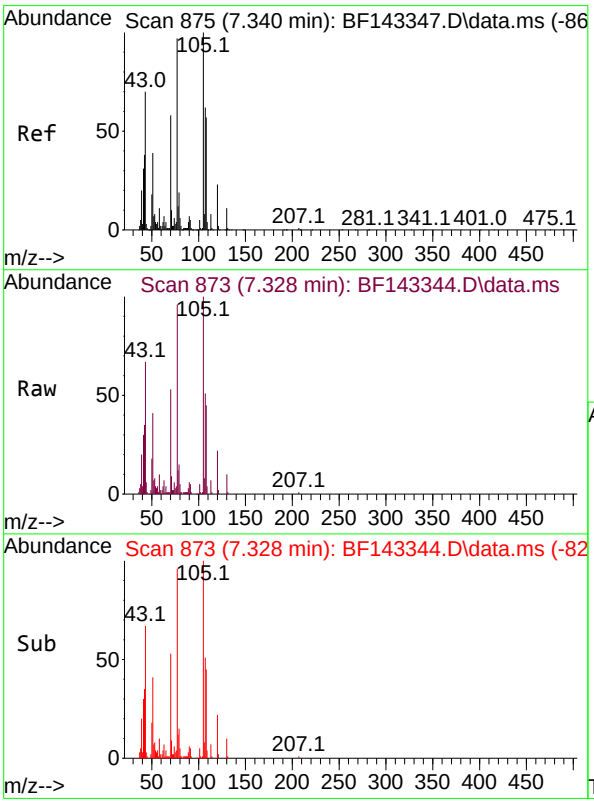
#18
Hexachloroethane
Concen: 4.743 ng
RT: 7.445 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 17263

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	103.8	77.2	115.8

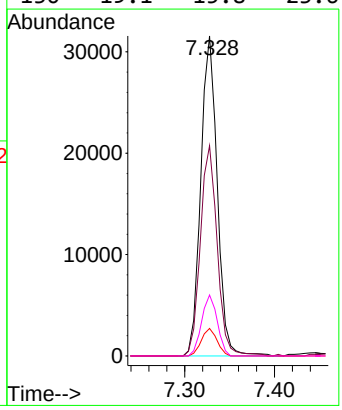


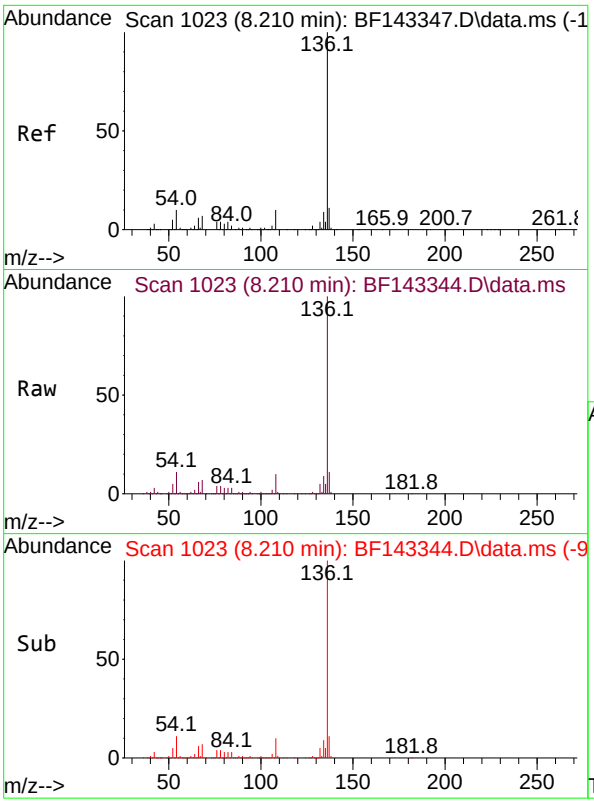


#19
n-Nitroso-di-n-propylamine
Concen: 5.410 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 70 Resp: 40228

Ion	Ratio	Lower	Upper
70	100		
42	65.7	51.6	77.4
101	8.6	7.5	11.3
130	19.1	15.8	23.6



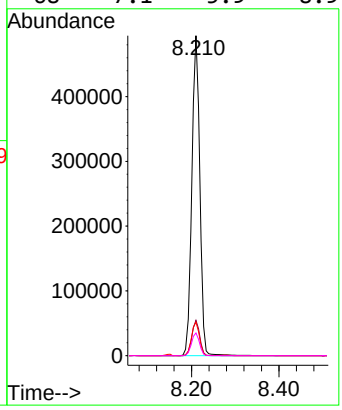


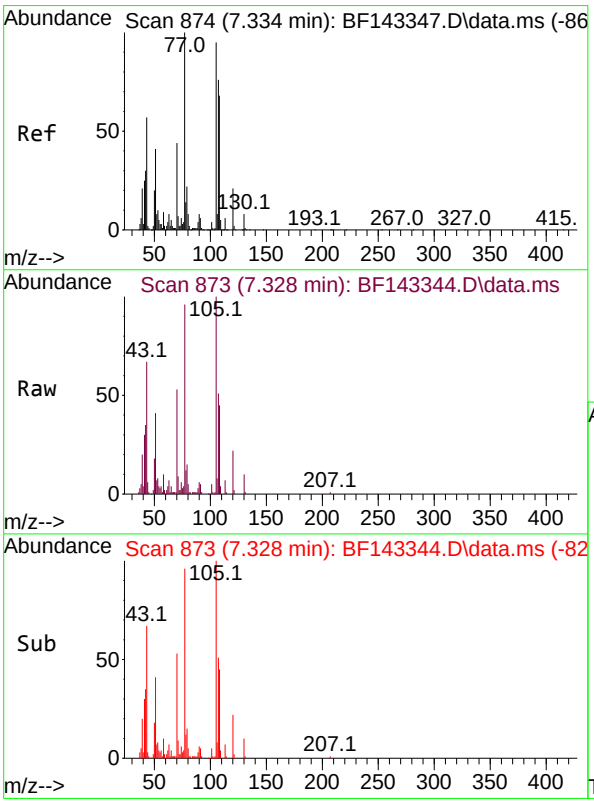
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 628268

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.5	8.4	12.6
68	7.1	5.9	8.9

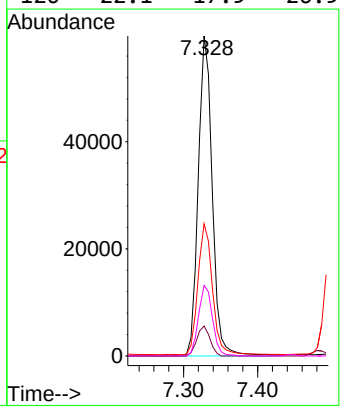


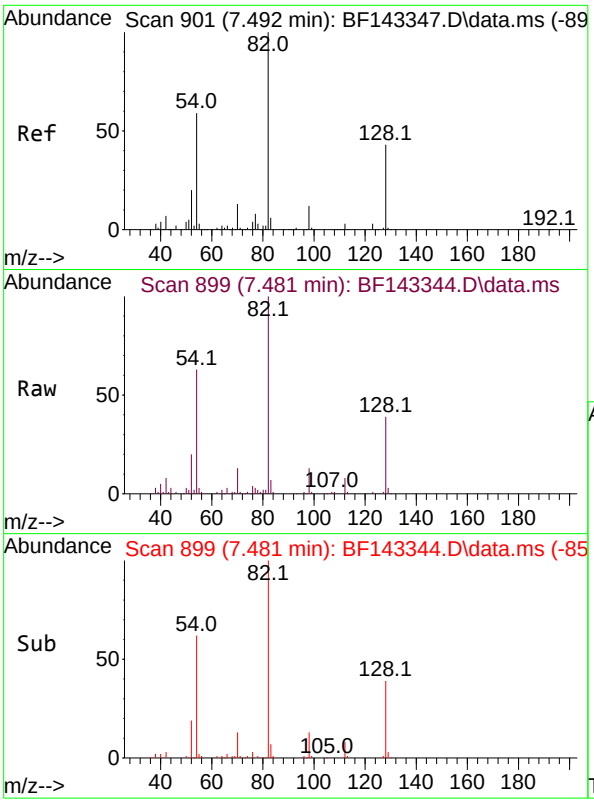


#22
Acetophenone
Concen: 5.670 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:105 Resp: 78486

Ion	Ratio	Lower	Upper
105	100		
71	9.4	6.2	9.4#
51	41.3	34.8	52.2
120	22.1	17.9	26.9



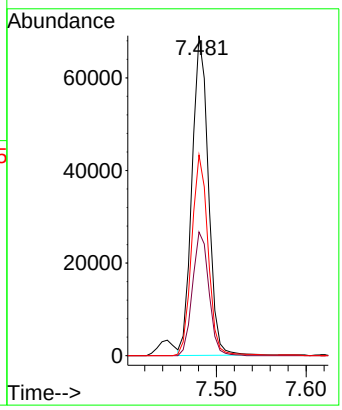


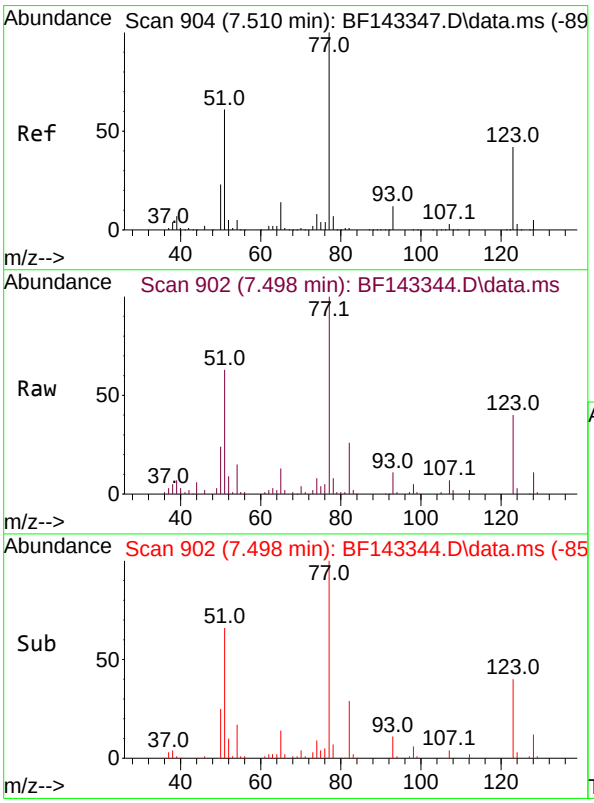
#23
Nitrobenzene-d5
Concen: 8.634 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 87105

Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.5	50.3
54	62.7	46.7	70.1

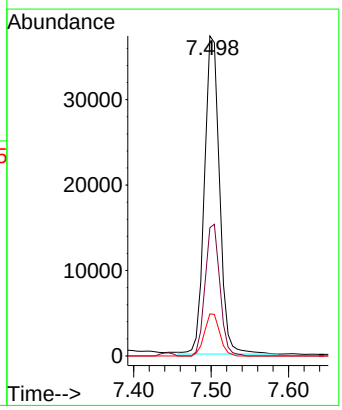


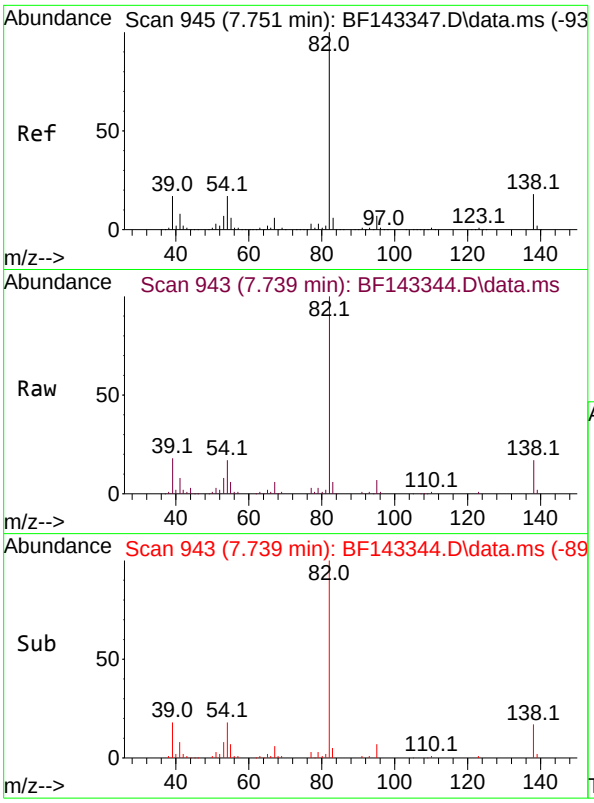


#24
Nitrobenzene
Concen: 4.621 ng
RT: 7.498 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 77 Resp: 50634

Ion	Ratio	Lower	Upper
77	100		
123	40.1	34.8	52.2
65	13.2	11.0	16.6



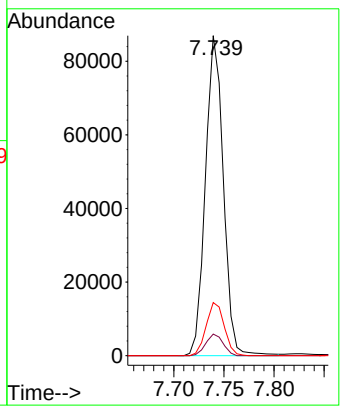


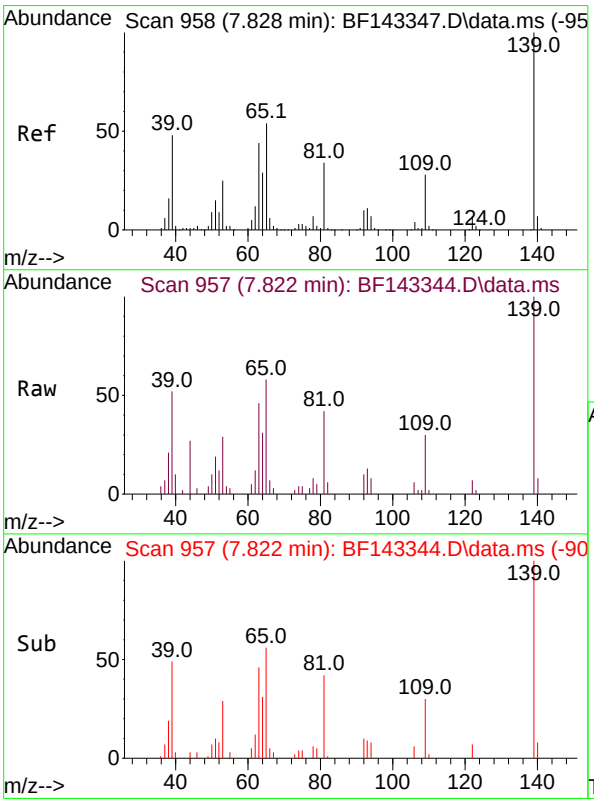
#25
Isophorone
Concen: 5.276 ng
RT: 7.739 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 108673

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	16.6	14.6	21.8

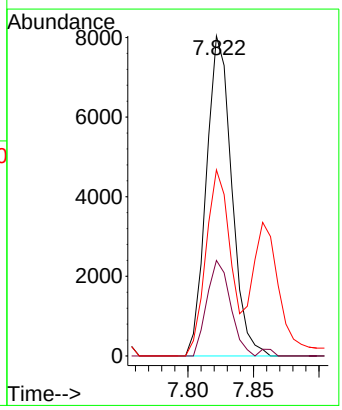


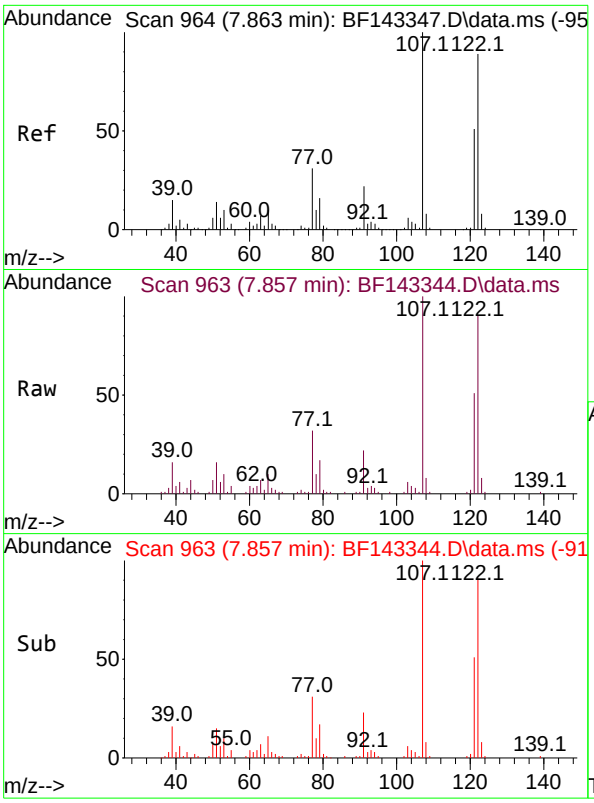


#26
2-Nitrophenol
Concen: 5.918 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:139 Resp: 10813

Ion	Ratio	Lower	Upper
139	100		
109	29.8	22.4	33.6
65	58.2	42.9	64.3



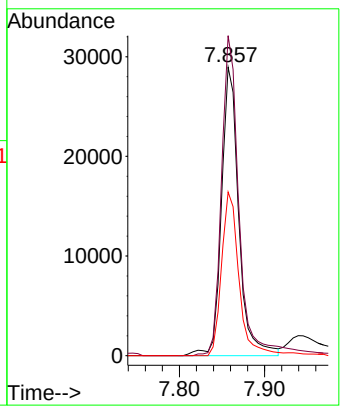


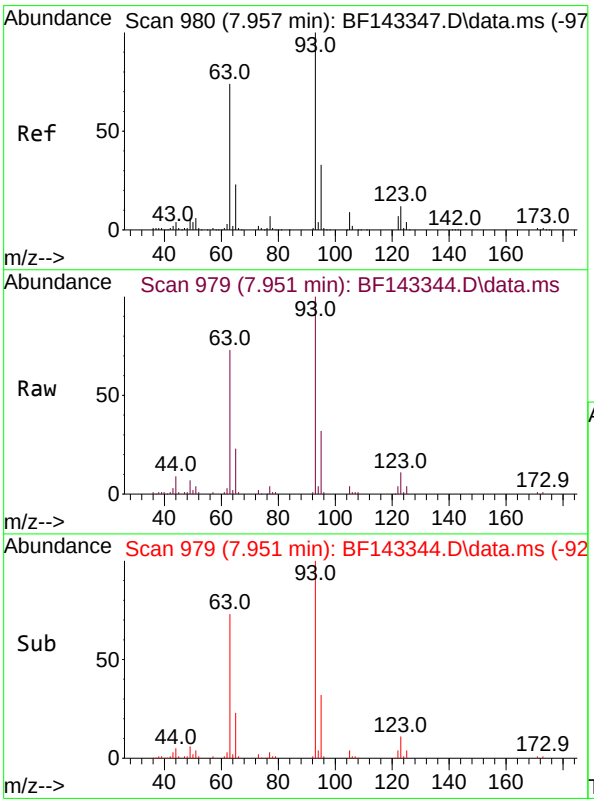
#27
2,4-Dimethylphenol
Concen: 4.743 ng
RT: 7.857 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 40753

Ion	Ratio	Lower	Upper
122	100		
107	110.9	89.9	134.9
121	56.7	46.2	69.4

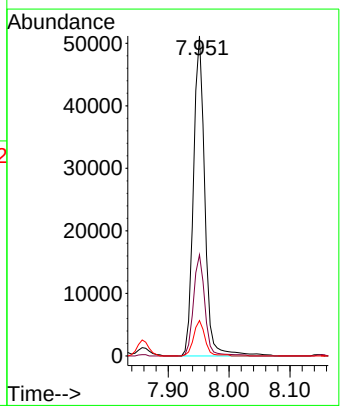


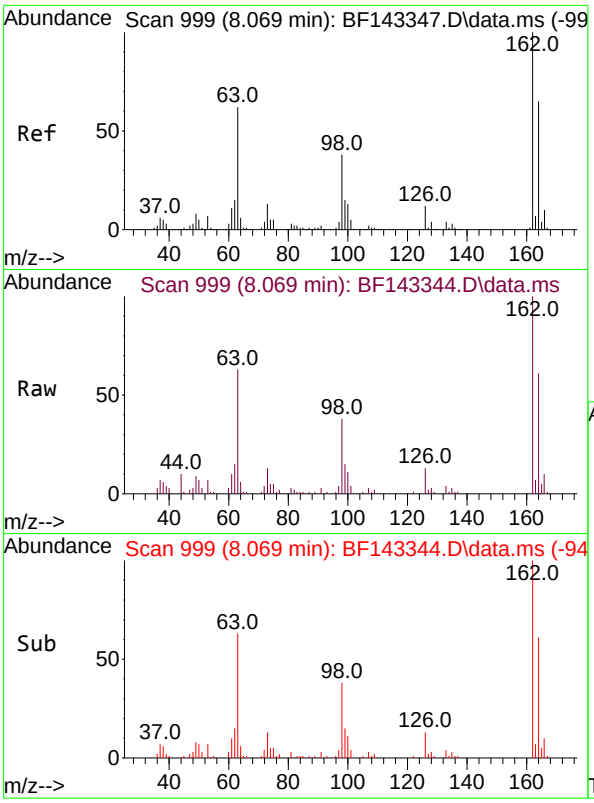


#28
bis(2-Chloroethoxy)methane
Concen: 5.296 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 93 Resp: 66594

Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.4
123	11.1	9.4	14.2



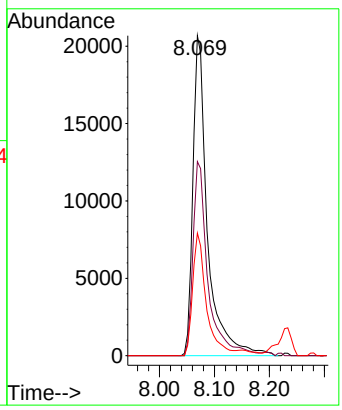


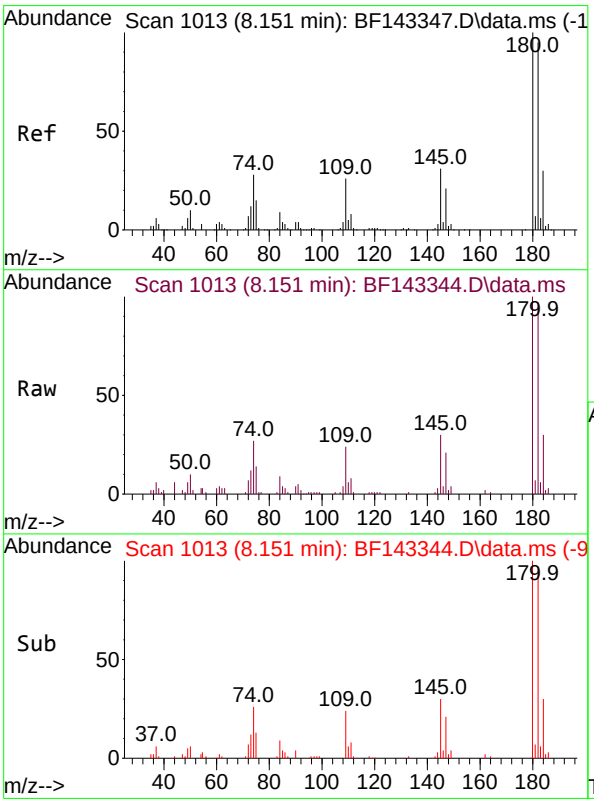
#29
2,4-Dichlorophenol
Concen: 4.544 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 38135

Ion	Ratio	Lower	Upper
162	100		
164	60.6	44.5	84.5
98	38.3	17.7	57.7

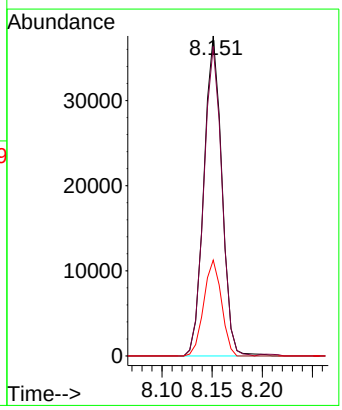


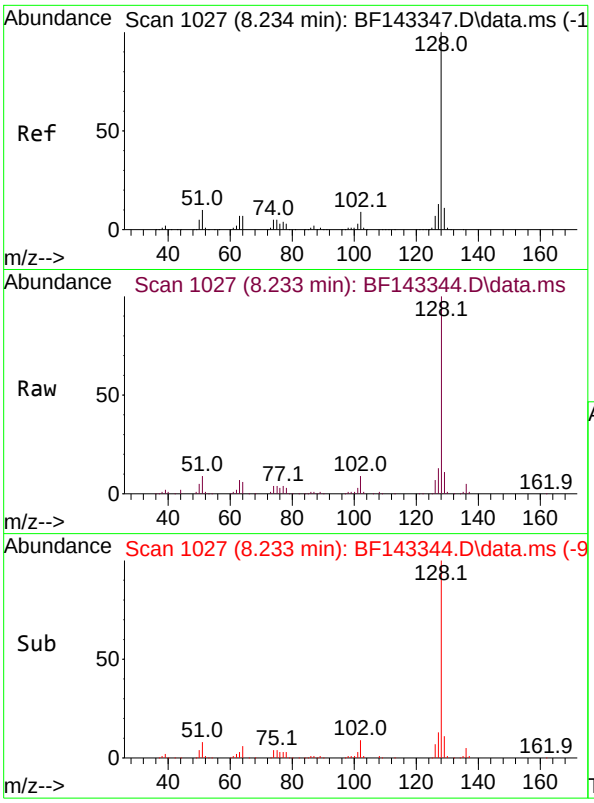


#30
1,2,4-Trichlorobenzene
Concen: 5.303 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:180 Resp: 46949

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.1	114.1
145	30.0	24.9	37.3



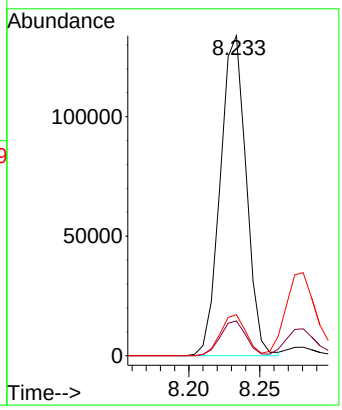


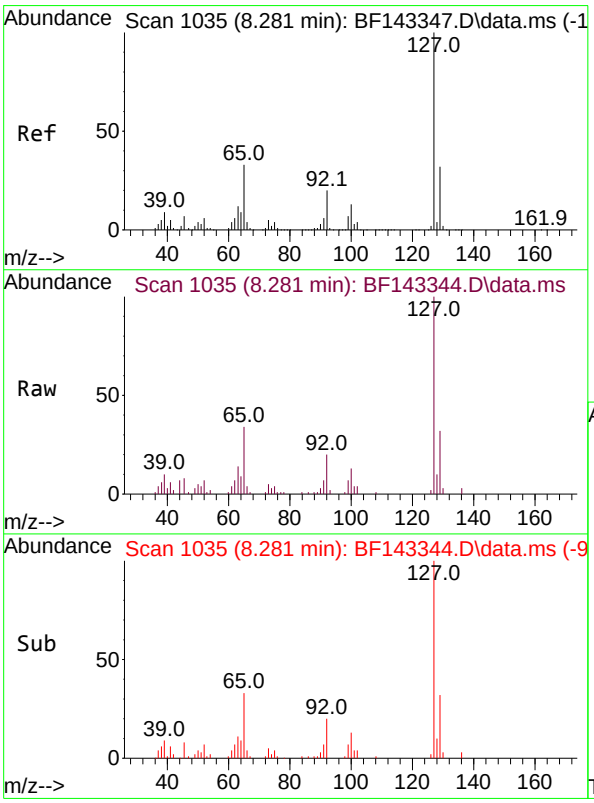
#31
Naphthalene
Concen: 5.625 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 170051

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	12.8	10.7	16.1

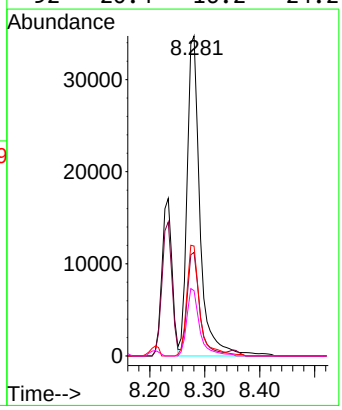


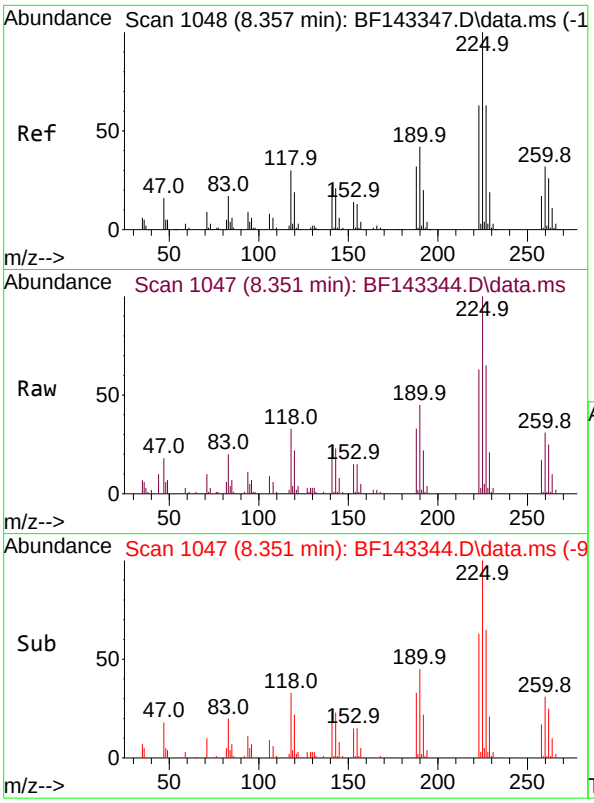


#33
4-Chloroaniline
Concen: 5.217 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:127 Resp: 56886

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.4	27.0	40.4
92	20.4	16.2	24.2



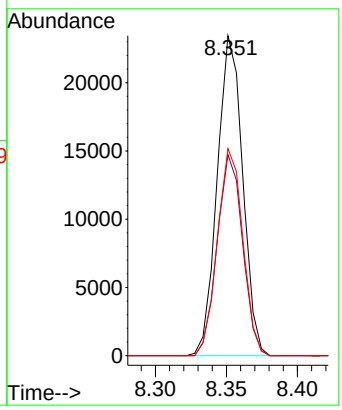


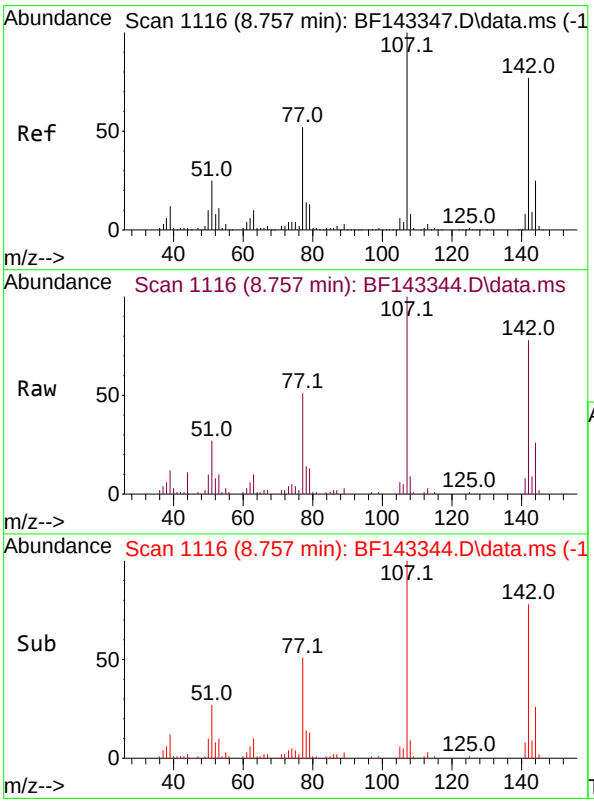
#34
Hexachlorobutadiene
Concen: 5.288 ng
RT: 8.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 29122

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.1	75.1
227	64.7	50.6	75.8

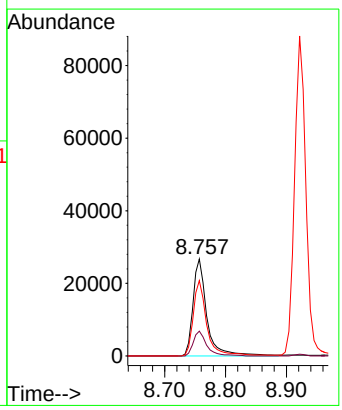


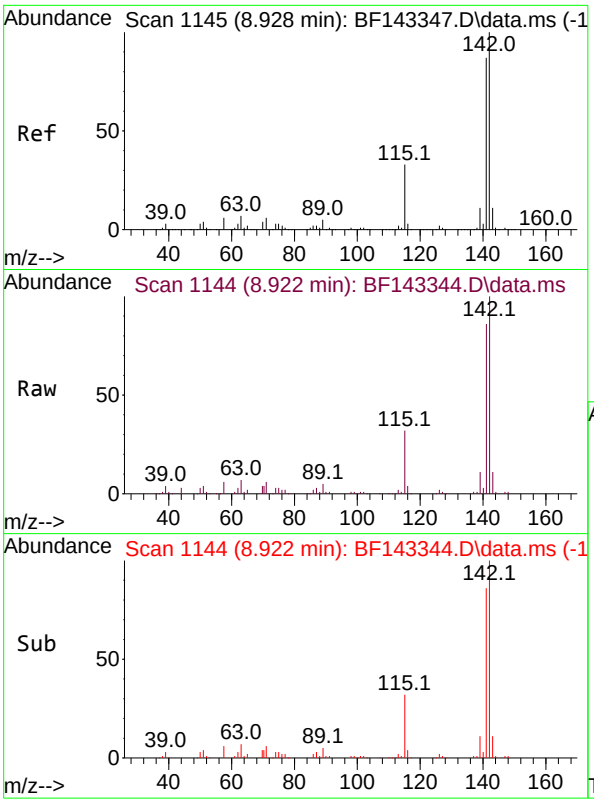


#36
4-Chloro-3-methylphenol
Concen: 4.817 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:107 Resp: 42384

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.0	30.0
142	77.7	61.3	91.9



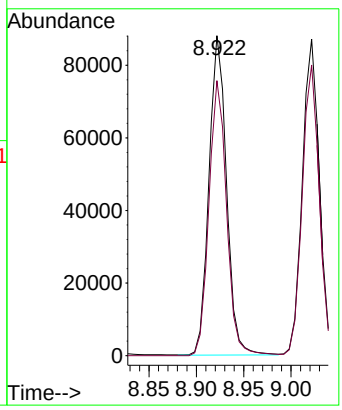


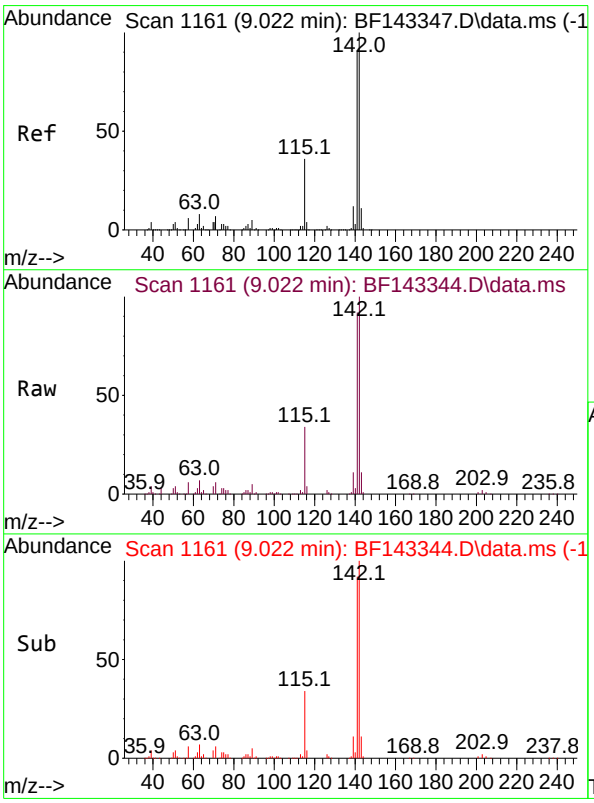
#37
2-Methylnaphthalene
Concen: 5.692 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 113134

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.8	104.8

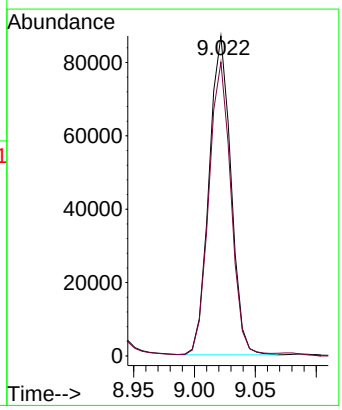


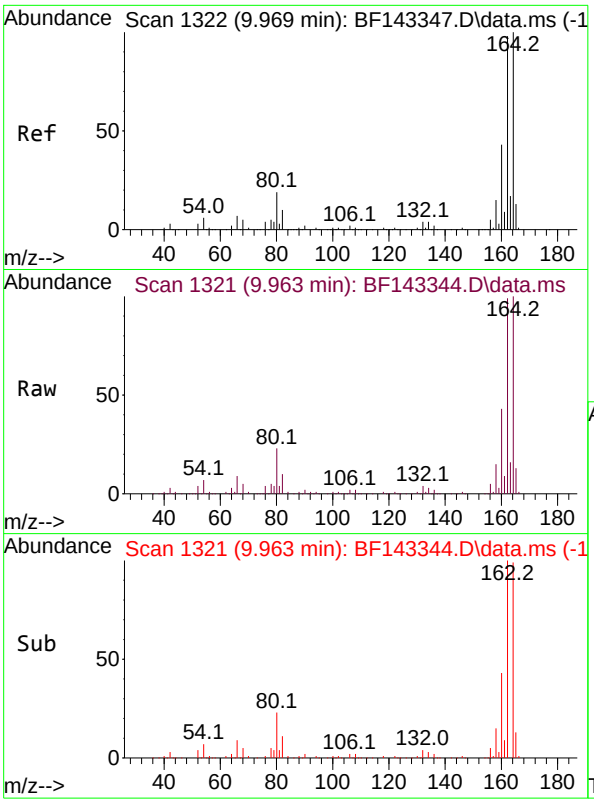


#38
1-Methylnaphthalene
Concen: 5.661 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:142 Resp: 108359

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.0	109.4



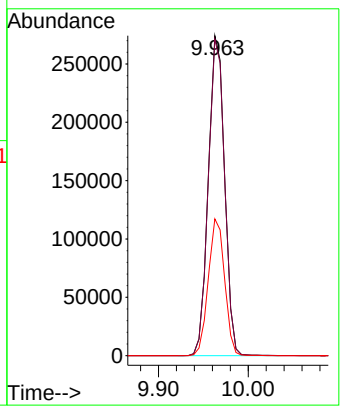


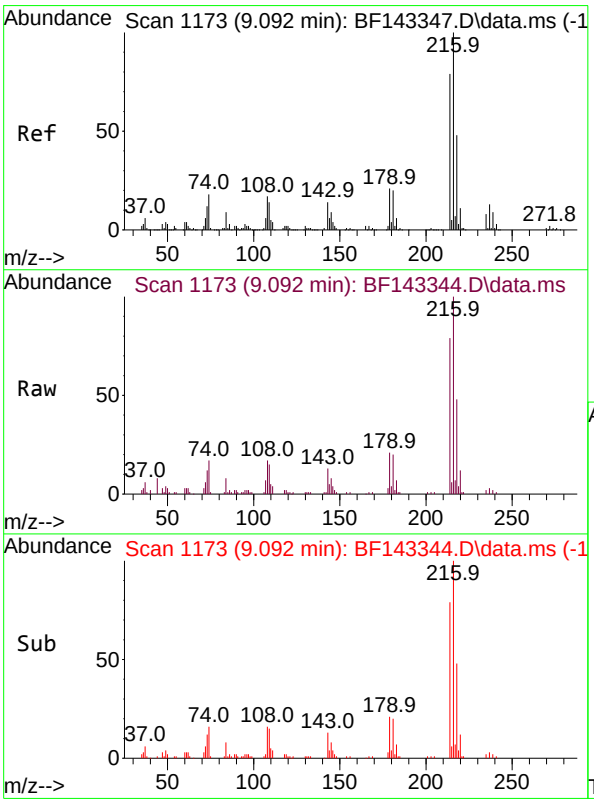
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 344999

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.6	118.0
160	42.7	34.4	51.6

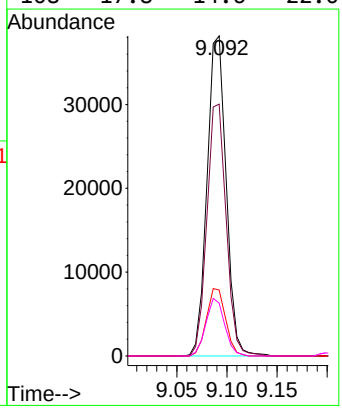


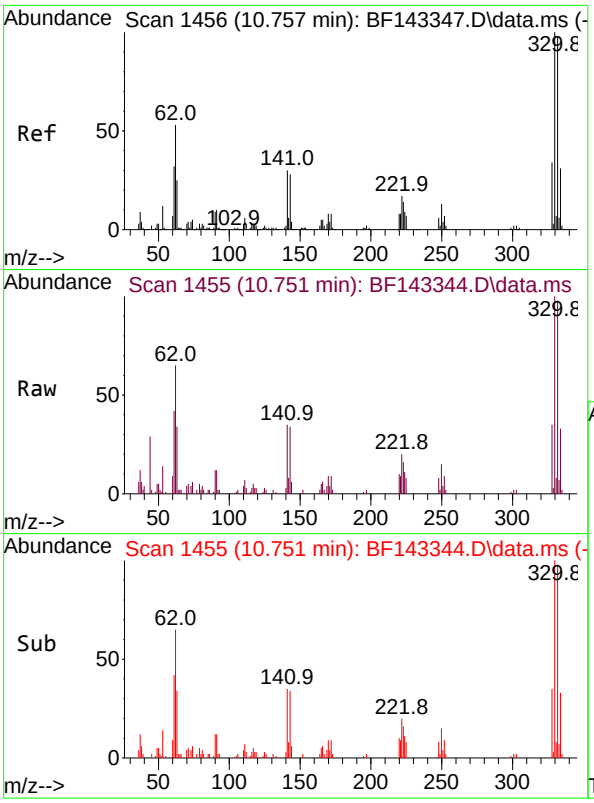


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.373 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:216 Resp: 50724

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	21.0	17.0	25.4
108	17.8	14.6	22.0



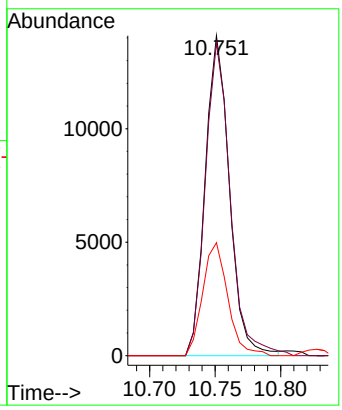


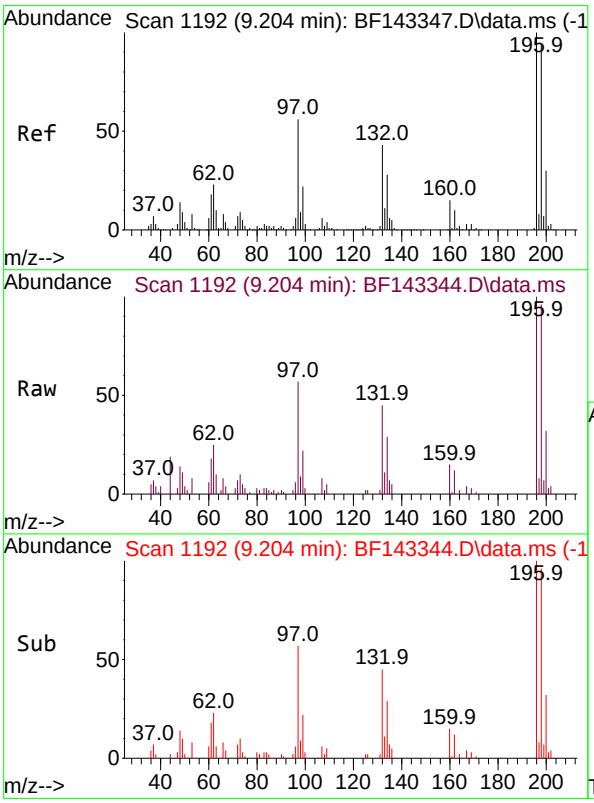
#42
2,4,6-Tribromophenol
Concen: 7.182 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 18107

Ion	Ratio	Lower	Upper
330	100		
332	100.5	78.1	117.1
141	36.6	25.4	38.0

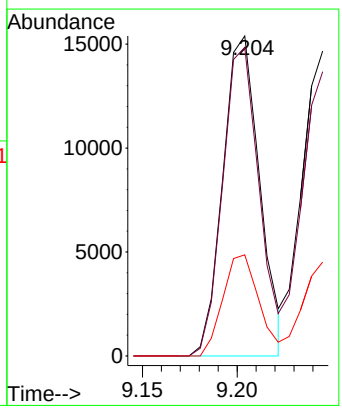


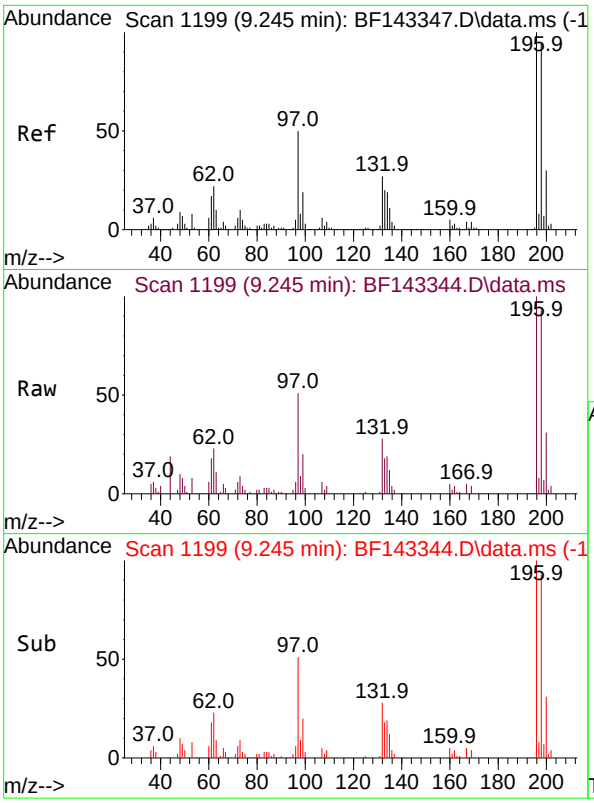


#43
2,4,6-Trichlorophenol
Concen: 3.890 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:196 Resp: 20838

Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.4	113.0
200	31.6	24.3	36.5



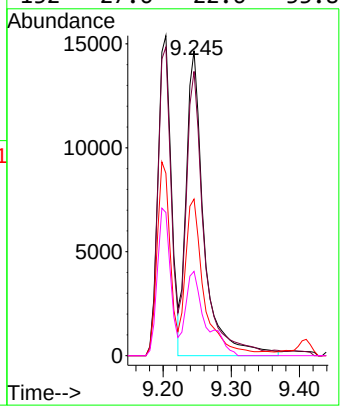


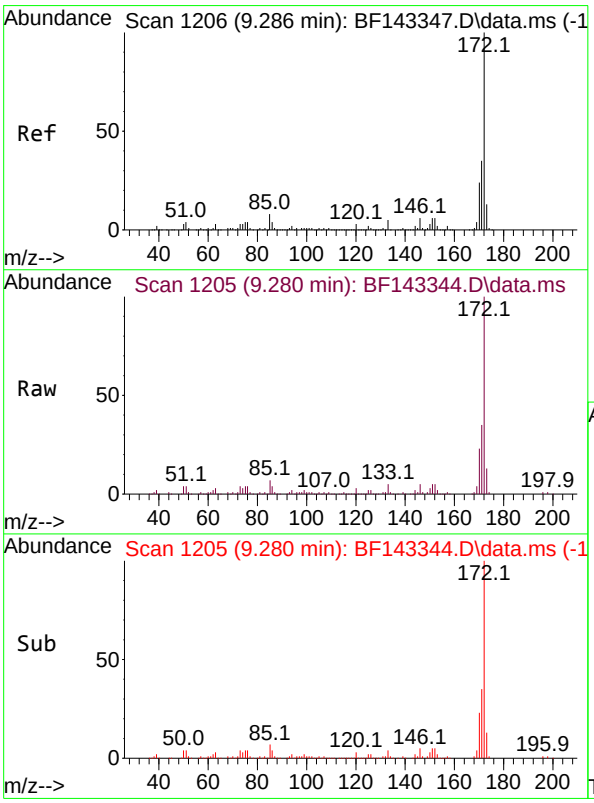
#44
2,4,5-Trichlorophenol
Concen: 4.384 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 26517

Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.4	113.2
97	51.3	39.9	59.9
132	27.6	22.6	33.8

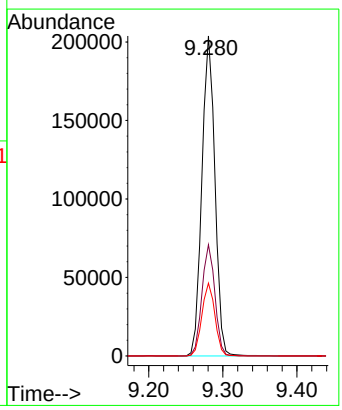


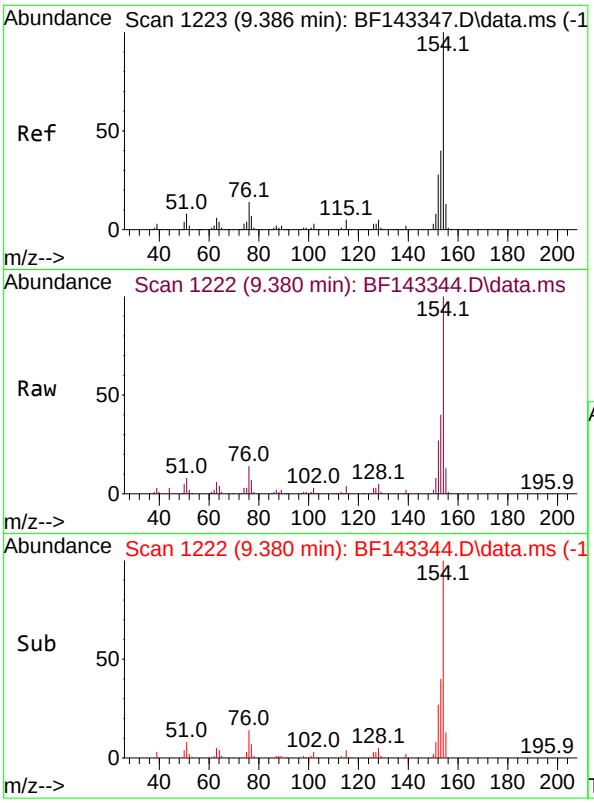


#45
2-Fluorobiphenyl
Concen: 12.244 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:172 Resp: 249109

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.4	42.6
170	22.8	19.1	28.7



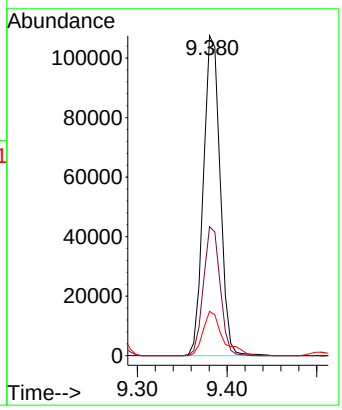


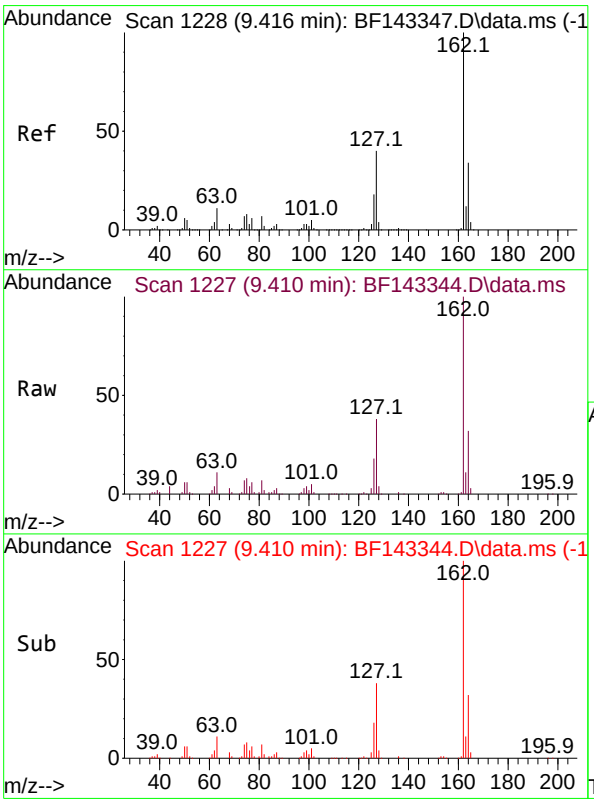
#46
1,1'-Biphenyl
Concen: 5.703 ng
RT: 9.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 139115

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	13.9	0.0	34.4

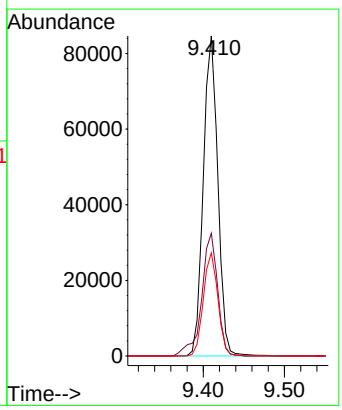


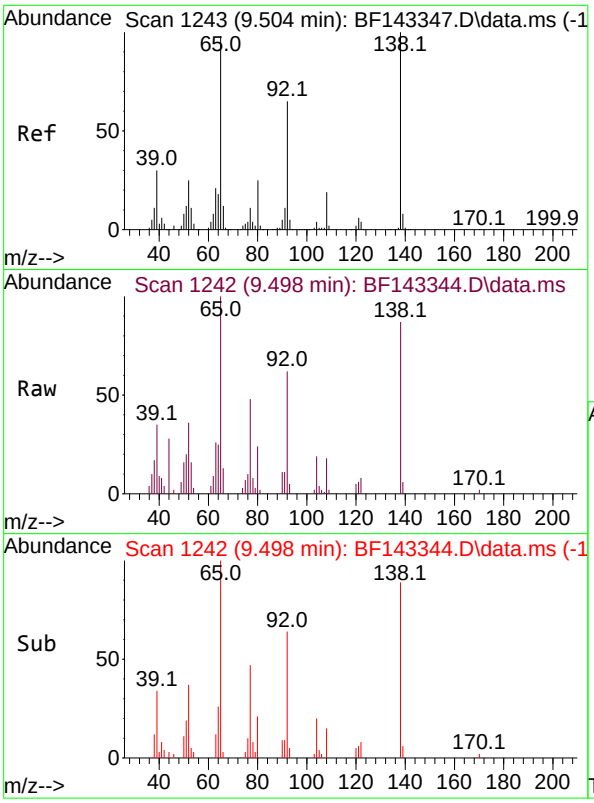


#47
2-Chloronaphthalene
Concen: 5.459 ng
RT: 9.410 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:162 Resp: 104874

Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.1	48.1
164	32.2	27.0	40.4



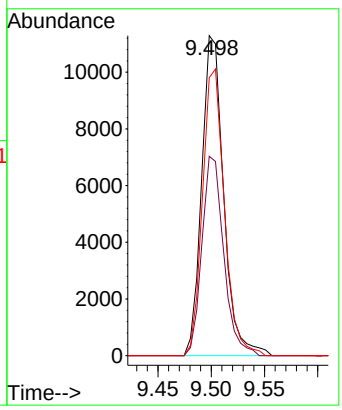


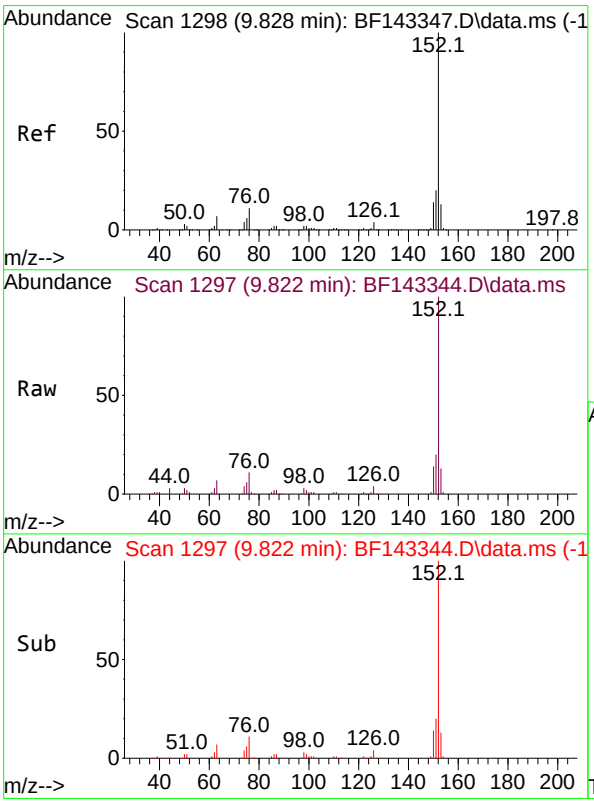
#48
2-Nitroaniline
Concen: 5.521 ng
RT: 9.498 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 16200

Ion	Ratio	Lower	Upper
65	100		
92	62.3	53.1	79.7
138	86.9	81.4	122.0

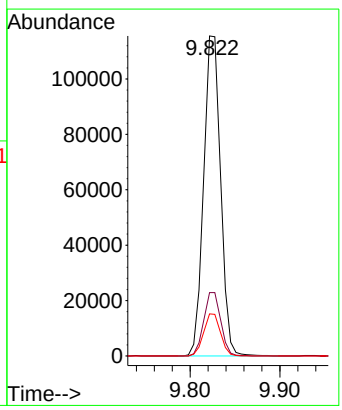


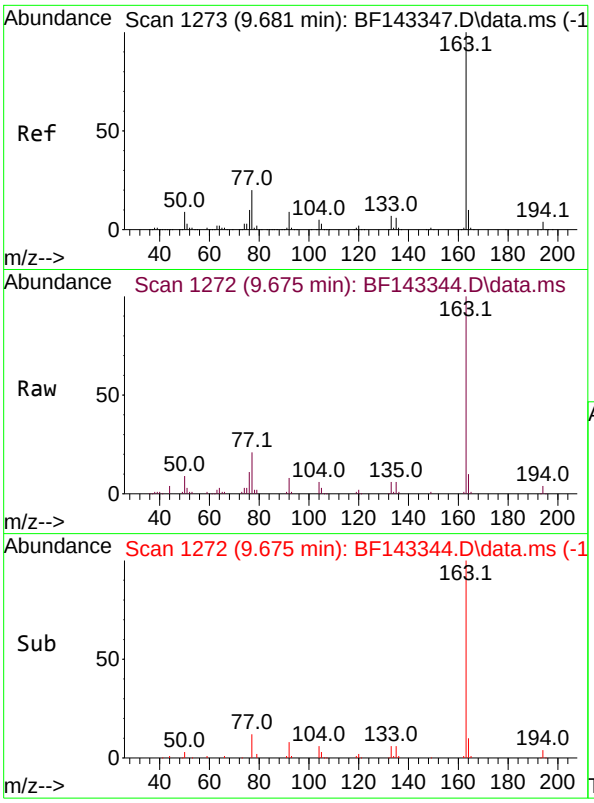


#49
Acenaphthylene
Concen: 5.467 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:152 Resp: 151682

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.1	10.6	16.0



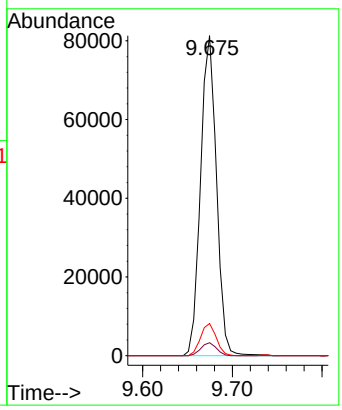


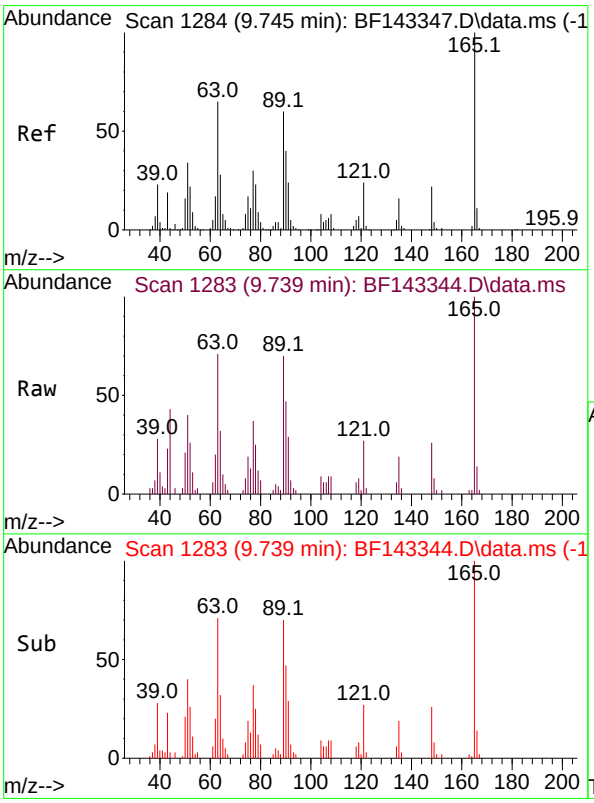
#50
Dimethylphthalate
Concen: 4.962 ng
RT: 9.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 100034

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.2	12.2

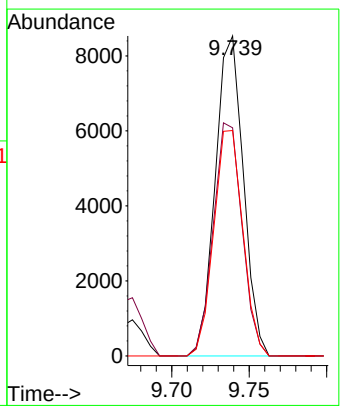


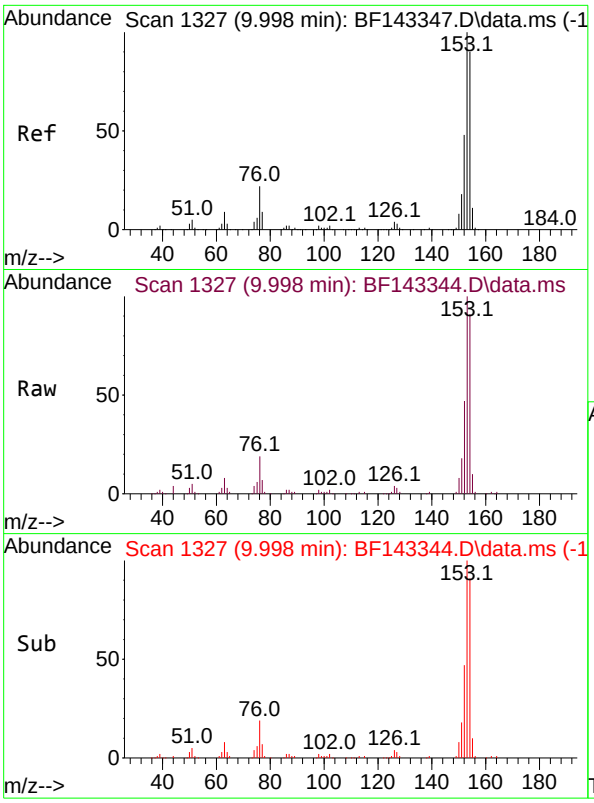


#51
2,6-Dinitrotoluene
Concen: 5.607 ng
RT: 9.739 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:165 Resp: 10751

Ion	Ratio	Lower	Upper
165	100		
63	71.3	51.6	77.4
89	70.4	47.7	71.5



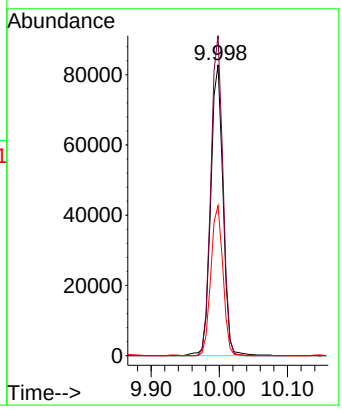


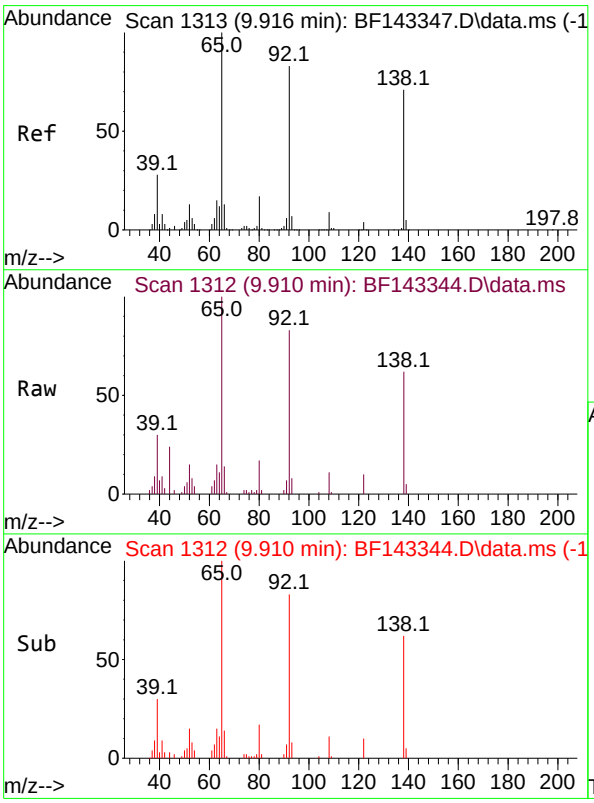
#52
Acenaphthene
Concen: 5.651 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 104223

Ion	Ratio	Lower	Upper
154	100		
153	110.0	88.5	132.7
152	51.6	42.4	63.6

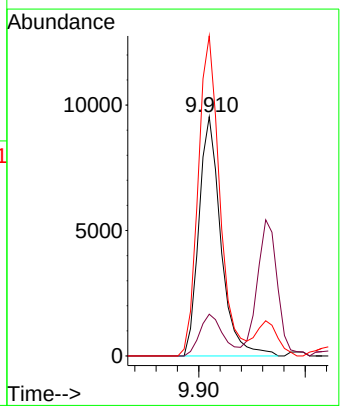


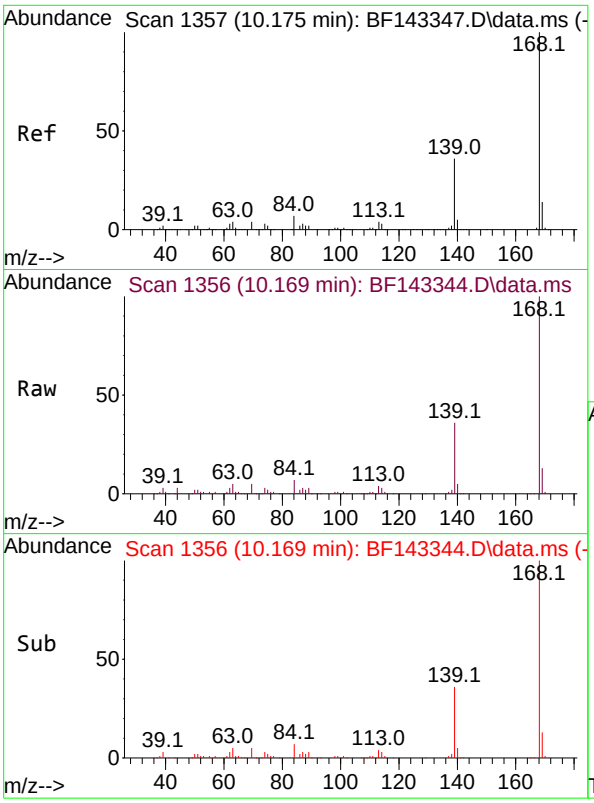


#53
3-Nitroaniline
Concen: 3.319 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:138 Resp: 13704

Ion	Ratio	Lower	Upper
138	100		
108	17.5	9.6	14.4#
92	133.8	93.4	140.2



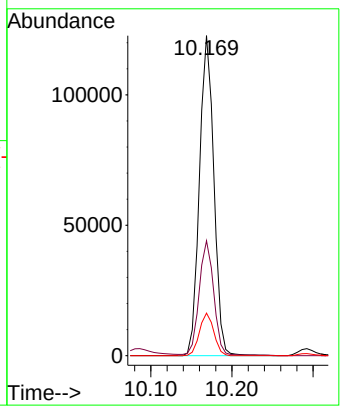


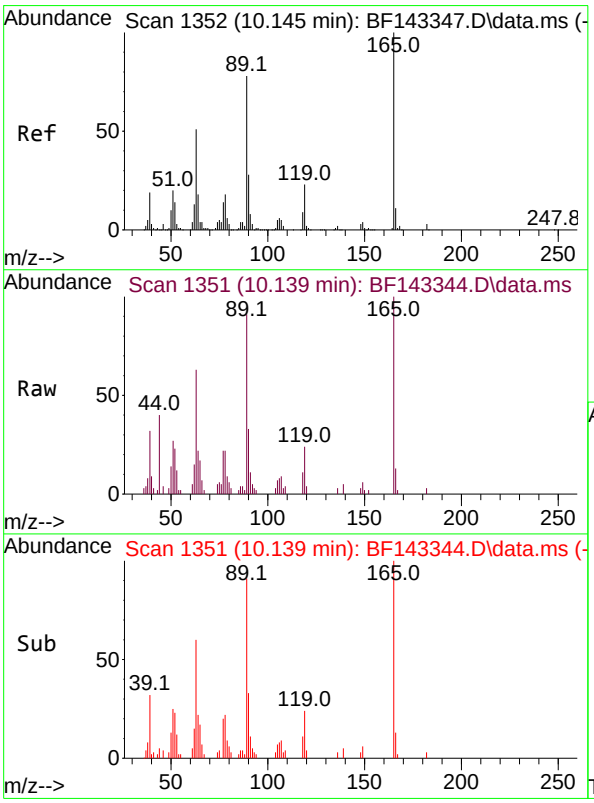
#55
Dibenzofuran
Concen: 5.708 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 151524

Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.4	44.0
169	13.3	11.0	16.6

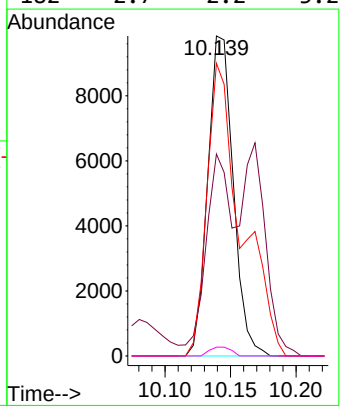


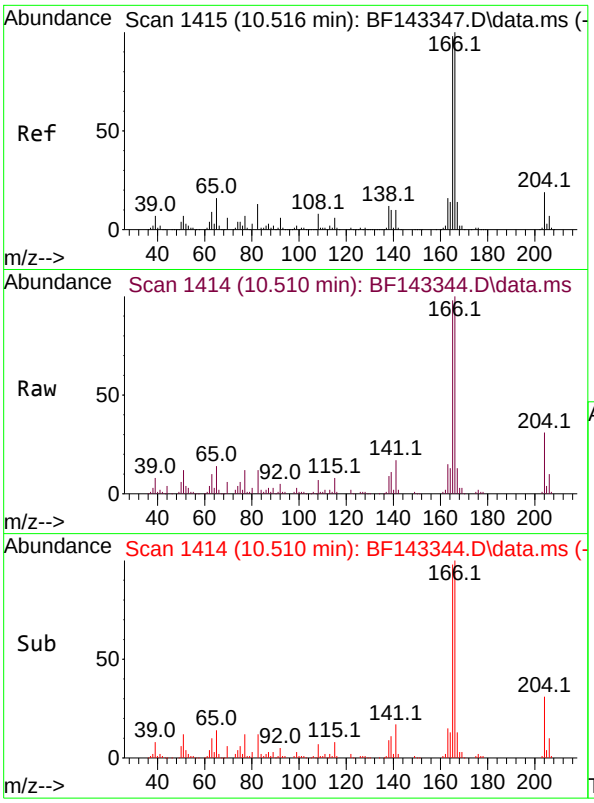


#57
2,4-Dinitrotoluene
Concen: 5.473 ng
RT: 10.139 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:165 Resp: 13285

Ion	Ratio	Lower	Upper
165	100		
63	63.1	41.8	62.8#
89	91.5	62.4	93.6
182	2.7	2.2	3.2



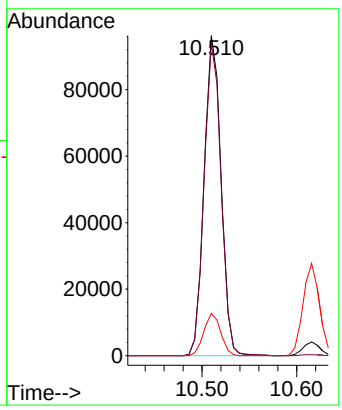


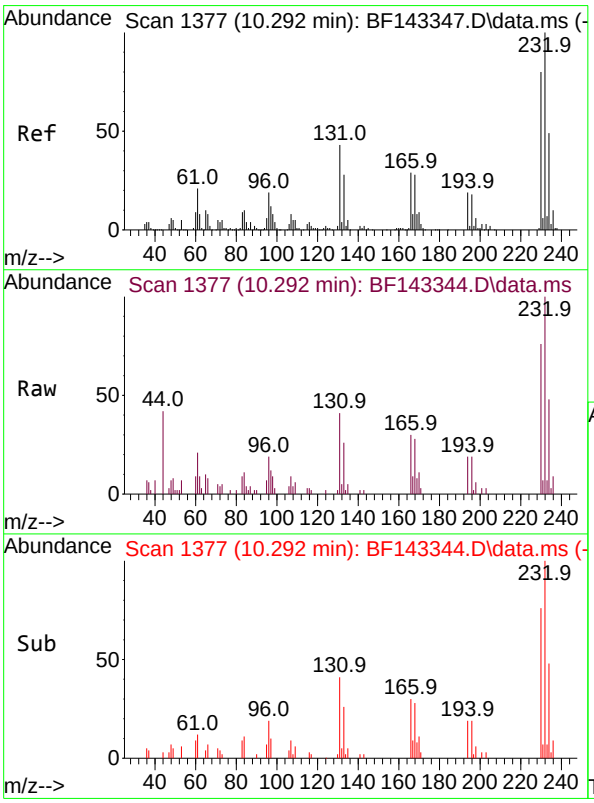
#58
Fluorene
Concen: 5.875 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 119124

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.2	117.4
167	13.2	10.9	16.3

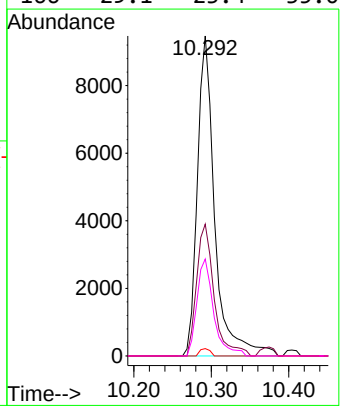


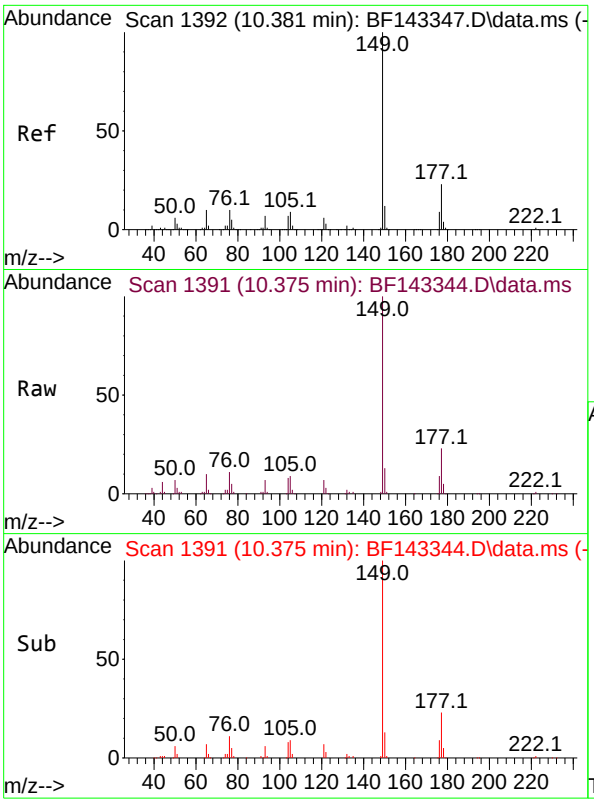


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.628 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:232 Resp: 14793

Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.6	51.8
130	1.3	1.7	2.5#
166	29.1	23.4	35.0



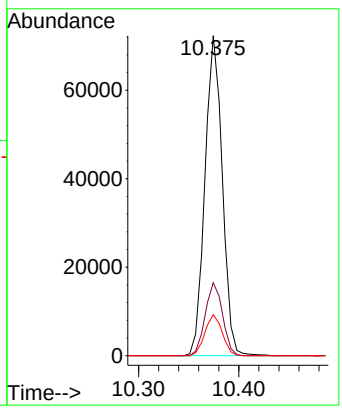


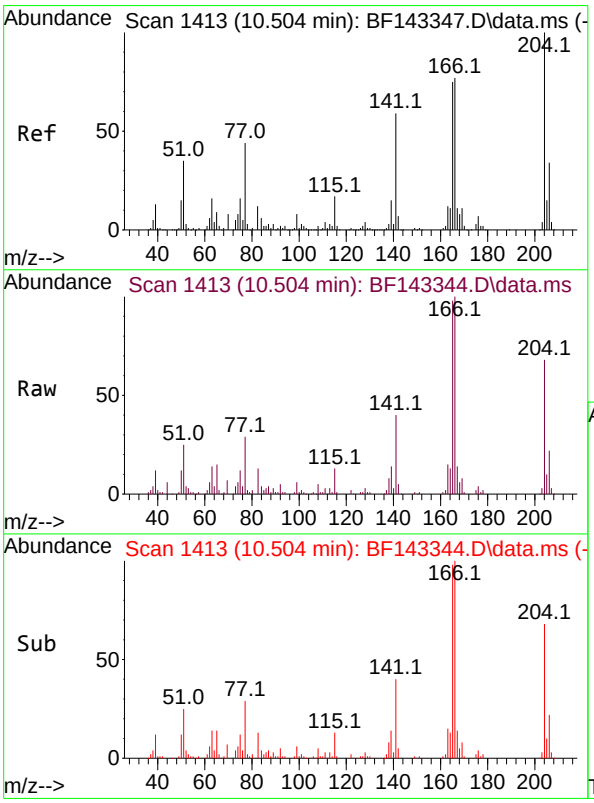
#60
Diethylphthalate
Concen: 4.831 ng
RT: 10.375 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 87234

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.8	9.9	14.9

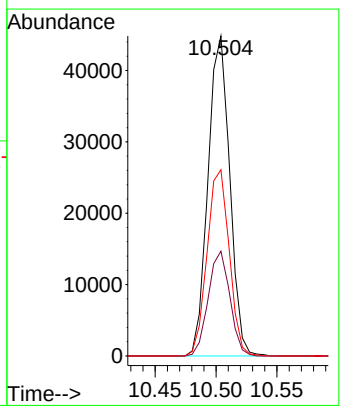


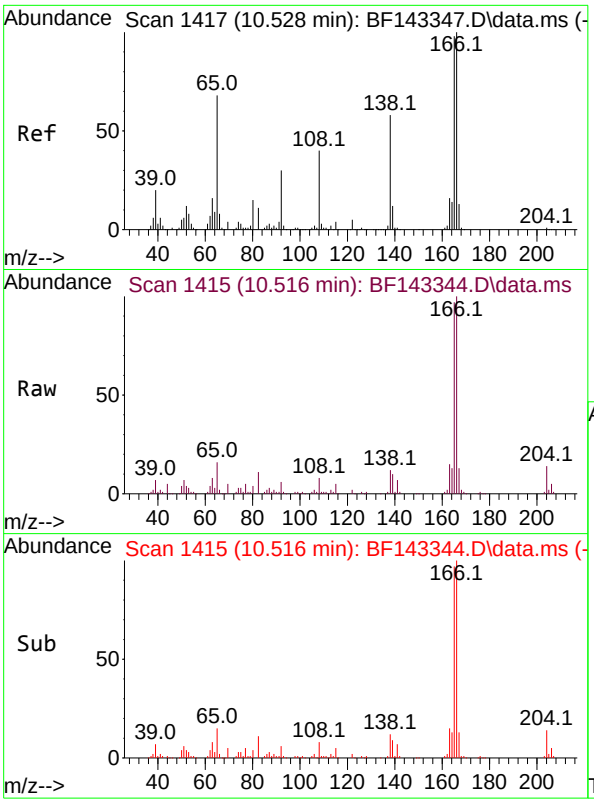


#61
4-Chlorophenyl-phenylether
Concen: 5.677 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:204 Resp: 55620

Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.4	41.2
141	58.2	46.9	70.3



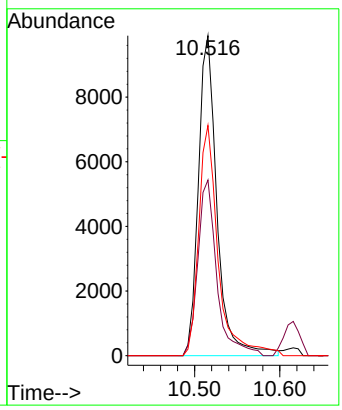


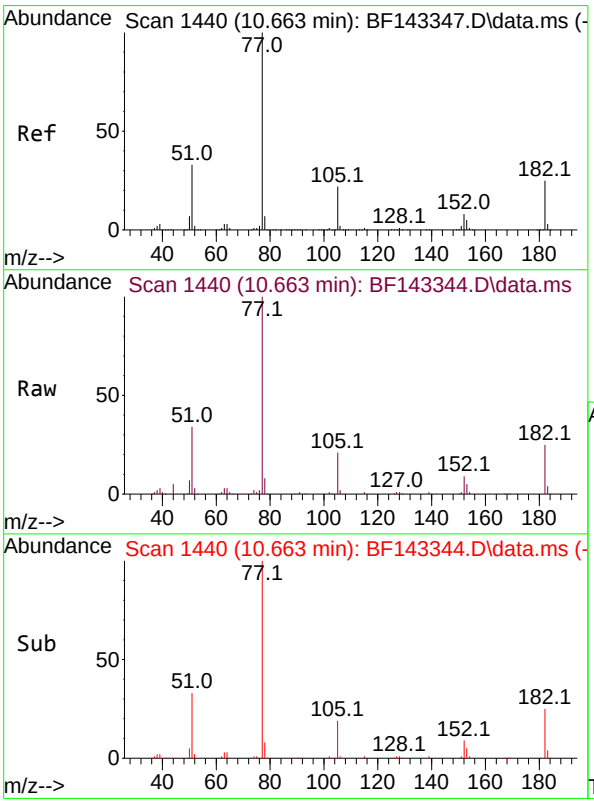
#62
4-Nitroaniline
Concen: 3.762 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 15026

Ion	Ratio	Lower	Upper
138	100		
92	54.9	31.2	71.2
108	72.0	48.1	88.1

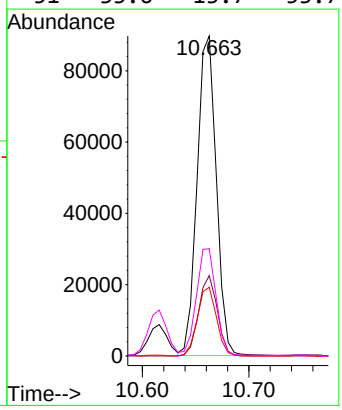


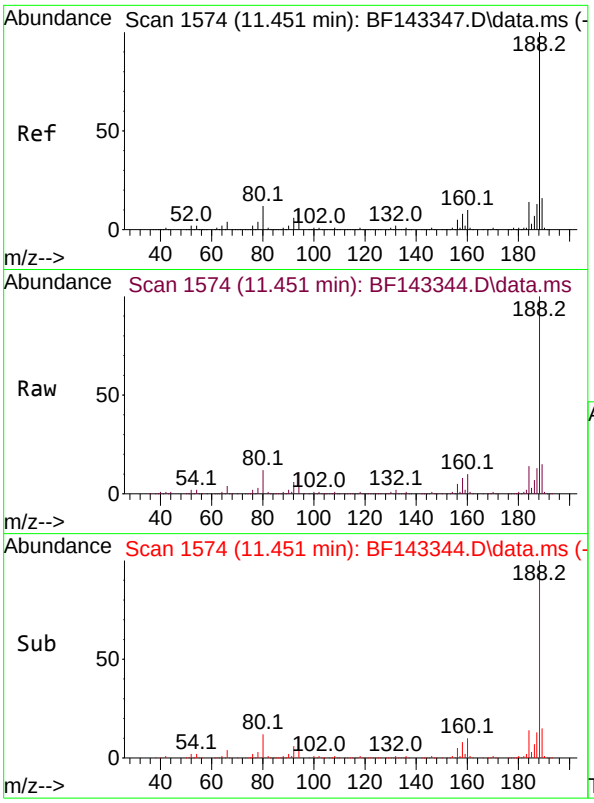


#63
Azobenzene
Concen: 5.445 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 77 Resp: 112299

Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.4	44.4
105	21.4	1.8	41.8
51	33.6	13.7	53.7



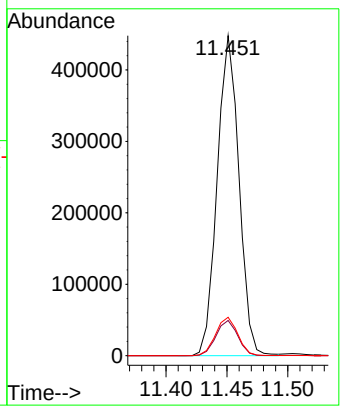


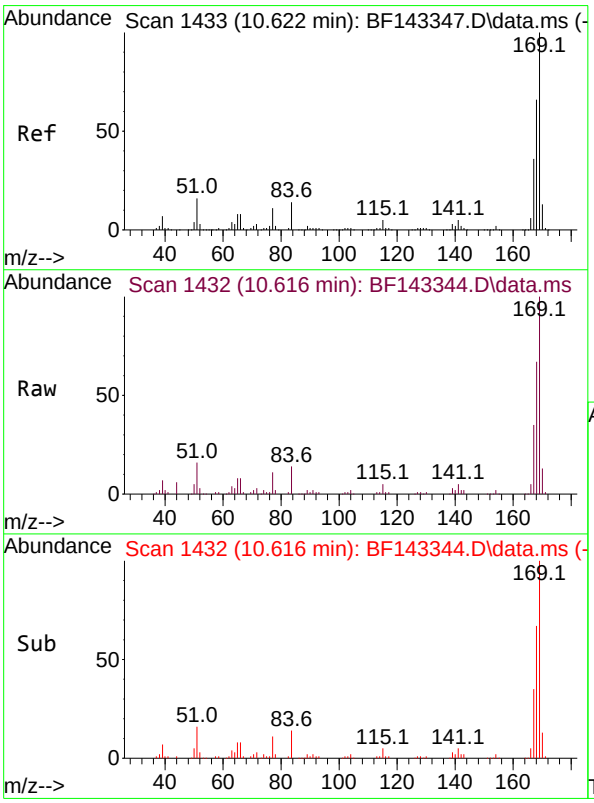
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 557349

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.8	13.2
80	12.0	9.7	14.5

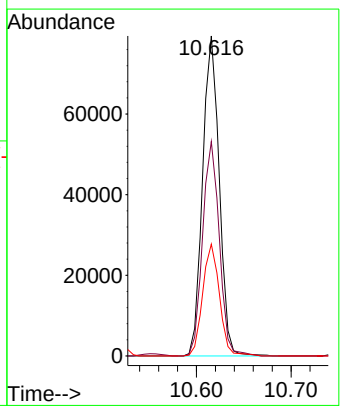


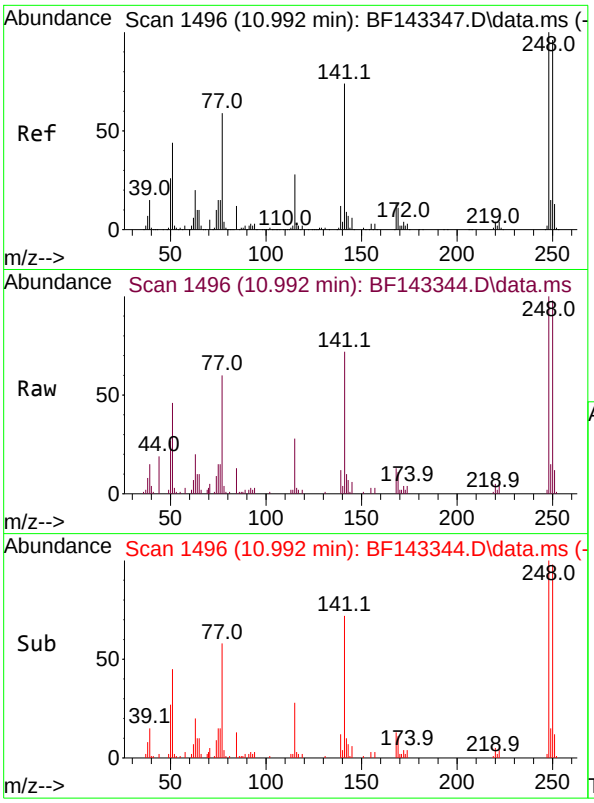


#66
n-Nitrosodiphenylamine
Concen: 5.263 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:169 Resp: 96579

Ion	Ratio	Lower	Upper
169	100		
168	67.0	52.7	79.1
167	35.0	28.6	42.8



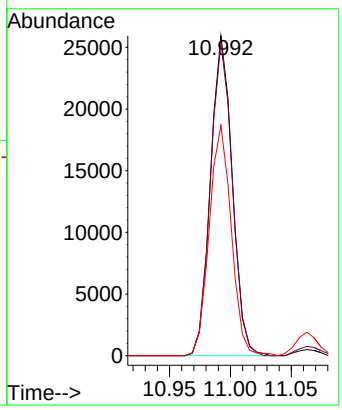


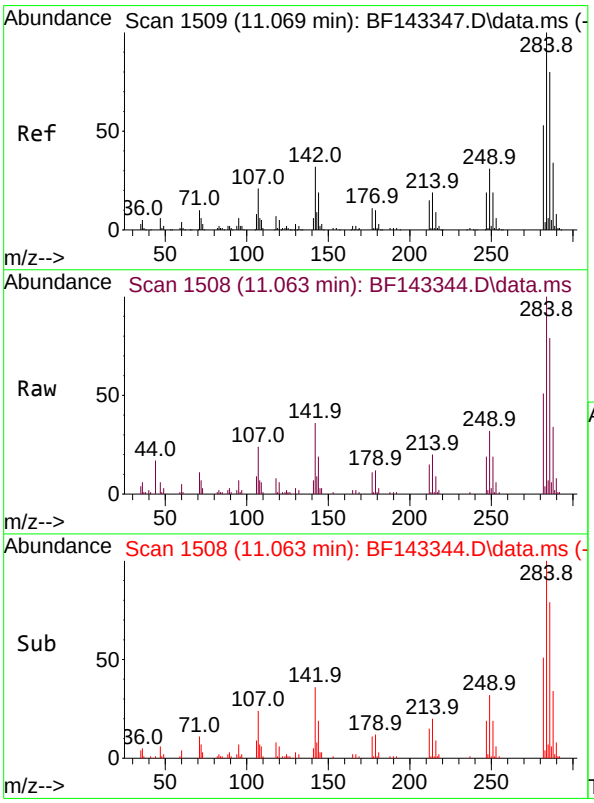
#67
4-Bromophenyl-phenylether
Concen: 5.063 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 32274

Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.1	115.7
141	72.0	59.1	88.7

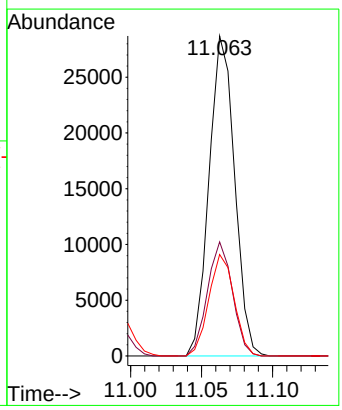


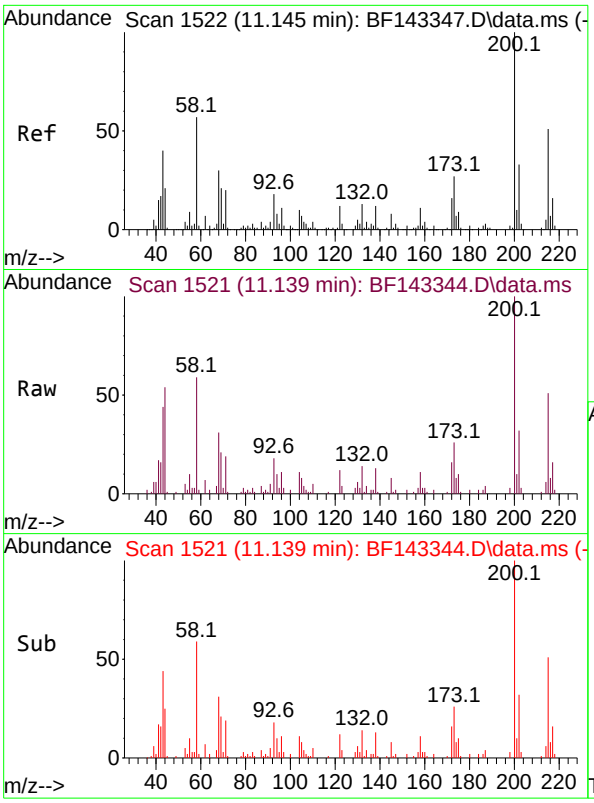


#68
Hexachlorobenzene
Concen: 5.227 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:284 Resp: 35913

Ion	Ratio	Lower	Upper
284	100		
142	35.6	25.7	38.5
249	31.7	24.6	37.0



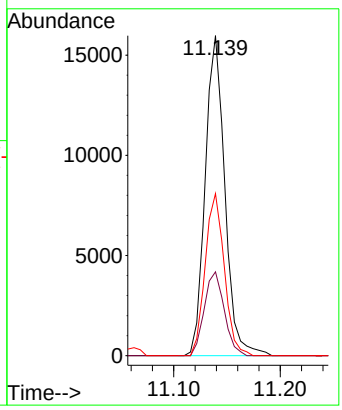


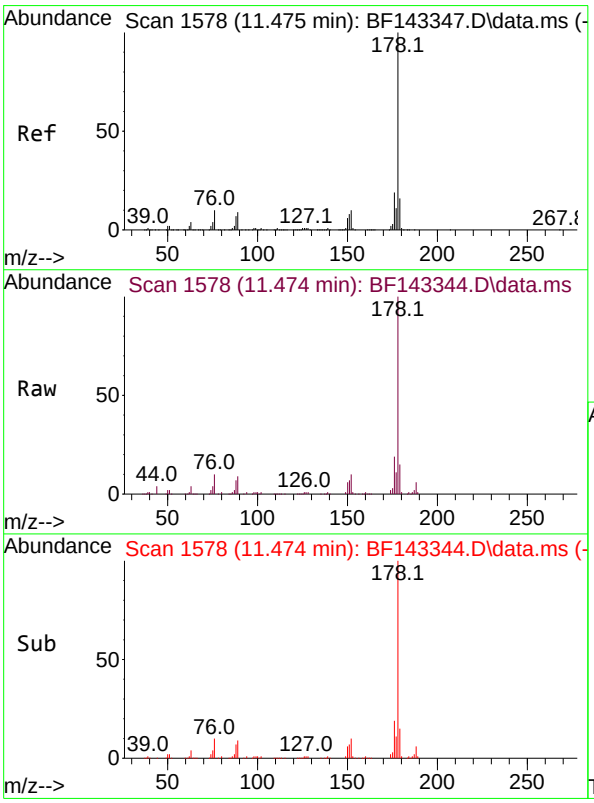
#69
Atrazine
Concen: 4.274 ng
RT: 11.139 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 20457

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	50.7	30.6	70.6

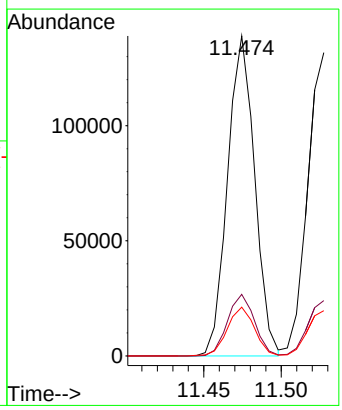


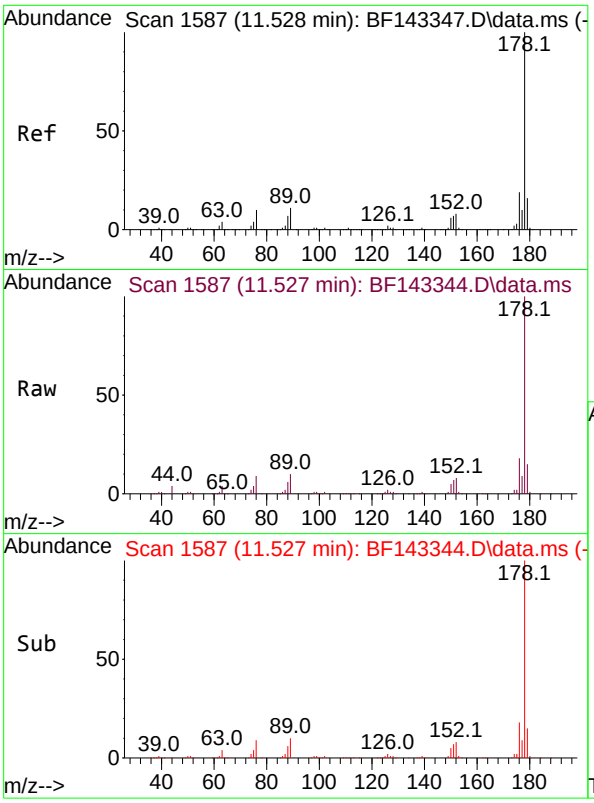


#71
Phenanthrene
Concen: 5.563 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:178 Resp: 169159

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.2	12.5	18.7



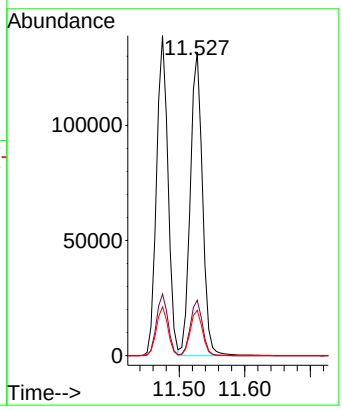


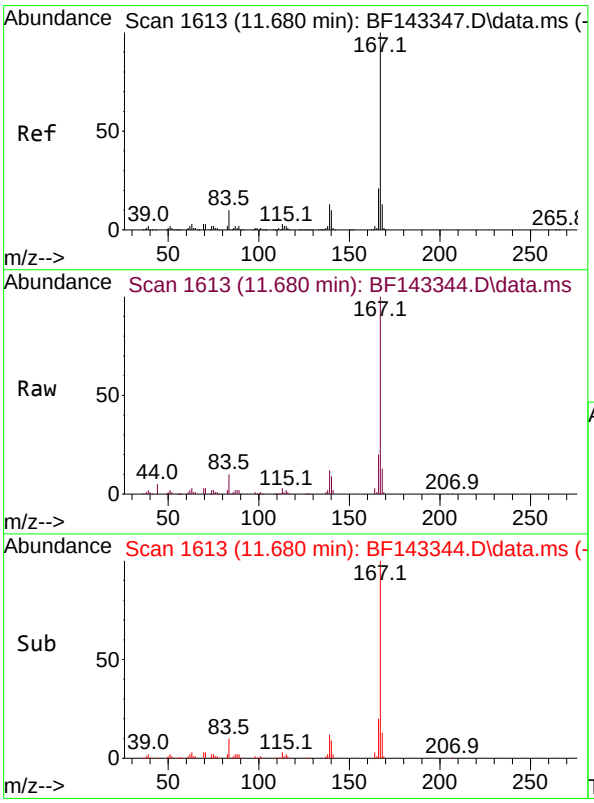
#72
Anthracene
Concen: 5.535 ng
RT: 11.527 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 170698

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	14.9	12.7	19.1

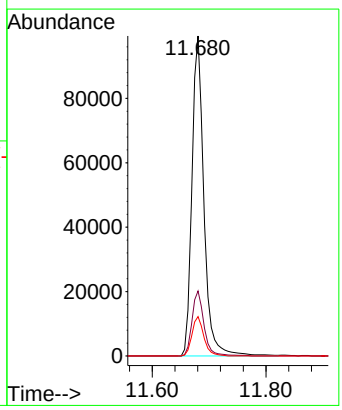


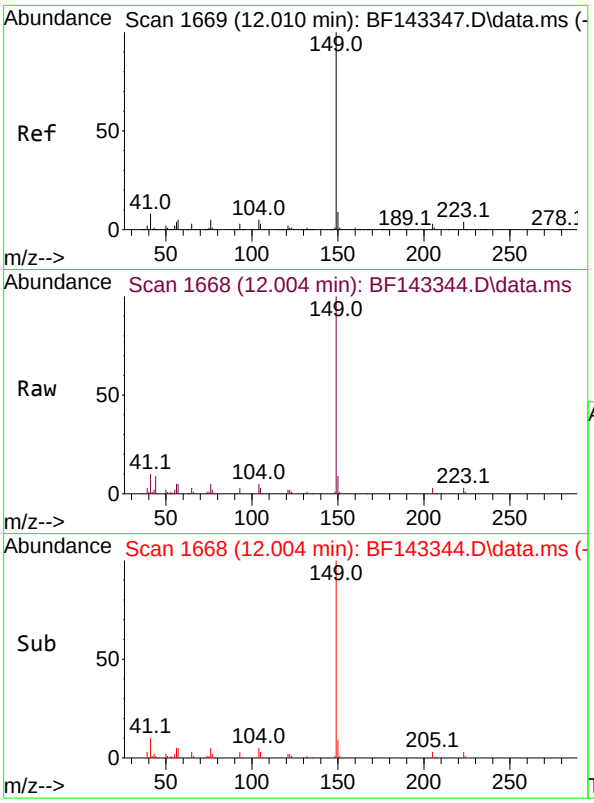


#73
Carbazole
Concen: 5.564 ng
RT: 11.680 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:167 Resp: 146129

Ion	Ratio	Lower	Upper
167	100		
166	20.3	16.8	25.2
139	12.3	10.2	15.2



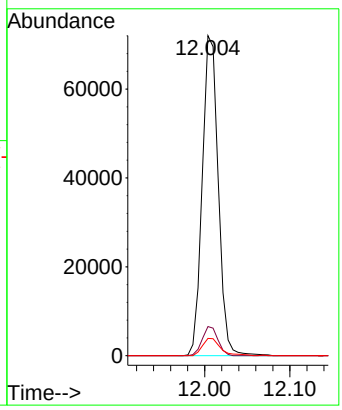


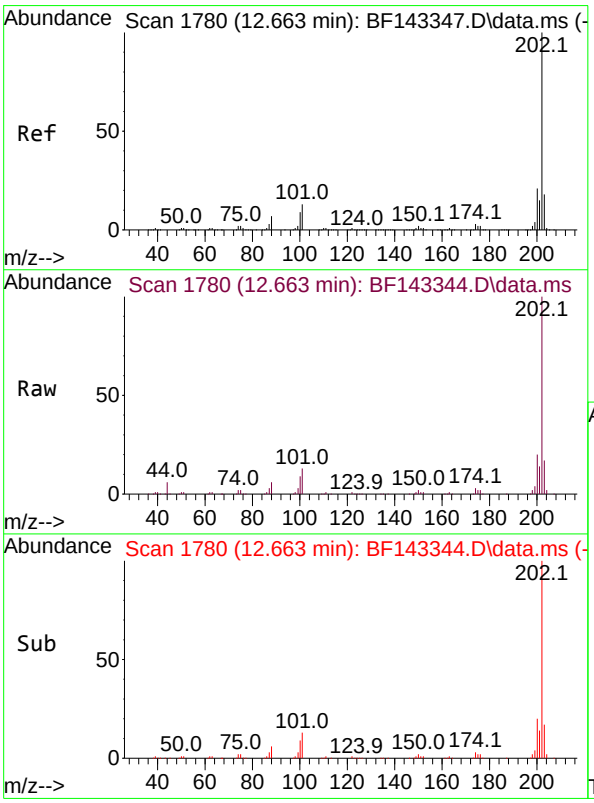
#74
Di-n-butylphthalate
Concen: 4.228 ng
RT: 12.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 93961

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.4	3.8	5.8

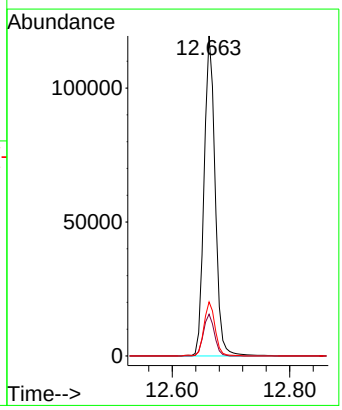


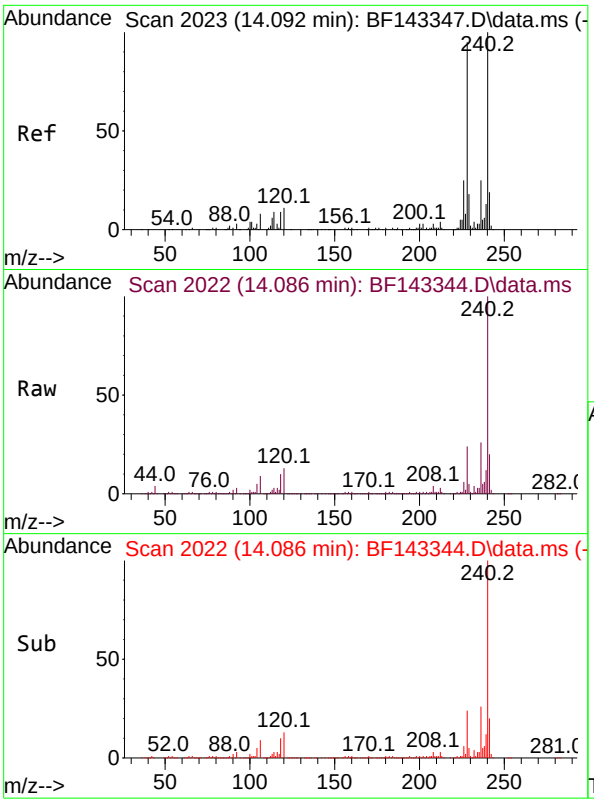


#75
Fluoranthene
Concen: 5.860 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:202 Resp: 156101

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	16.9	0.0	37.6



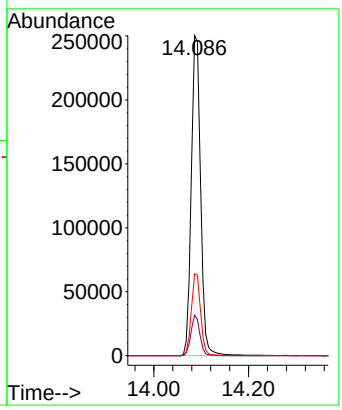


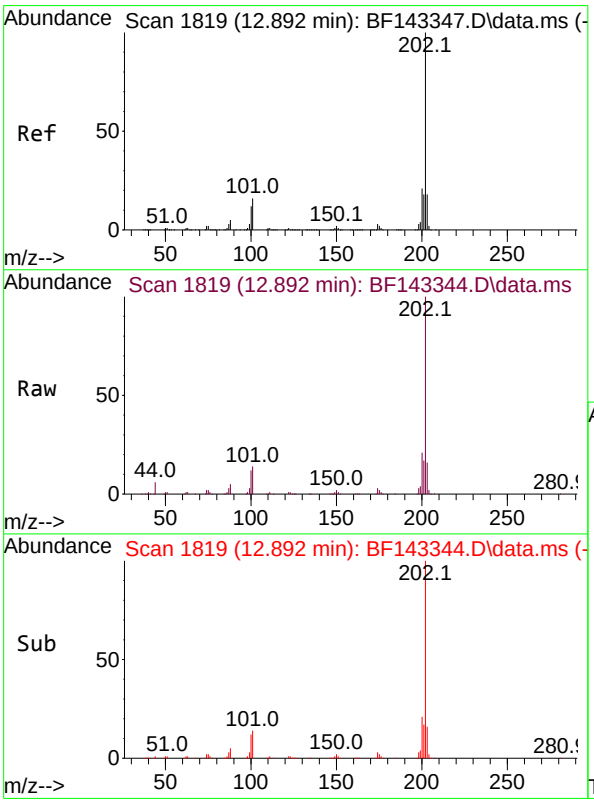
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 344394

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.0	13.6
236	25.5	19.9	29.9

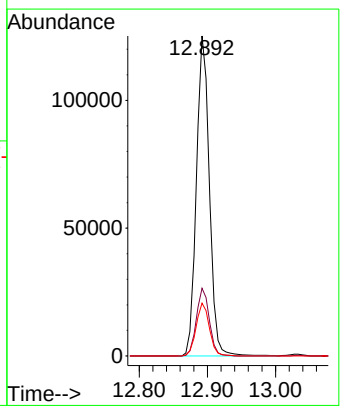


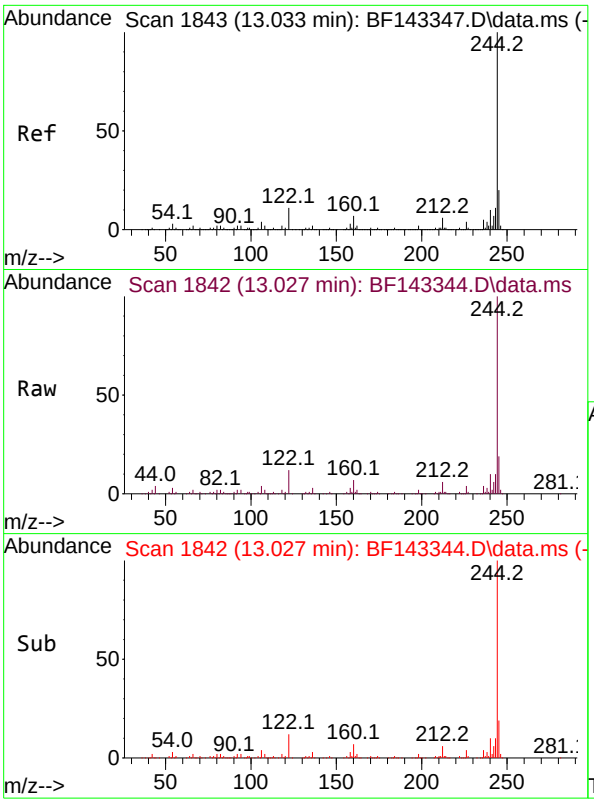


#78
Pyrene
Concen: 5.733 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:202 Resp: 165633

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	16.5	14.2	21.4



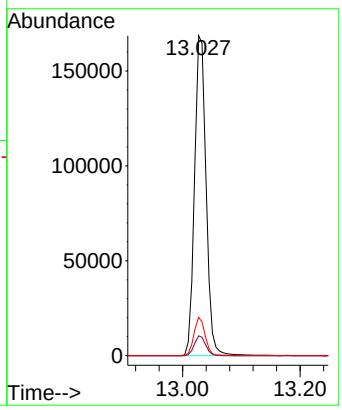


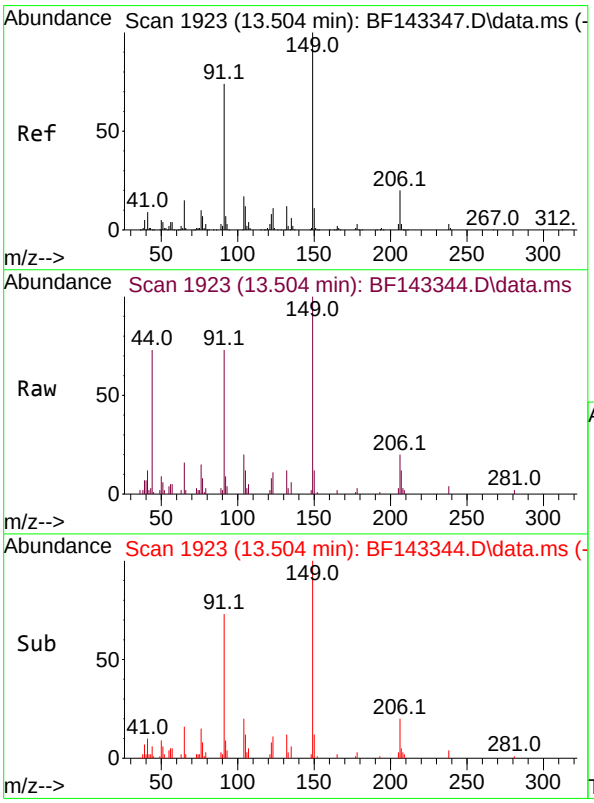
#79
Terphenyl-d14
Concen: 11.938 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 230289

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.1	7.7
122	12.0	8.9	13.3

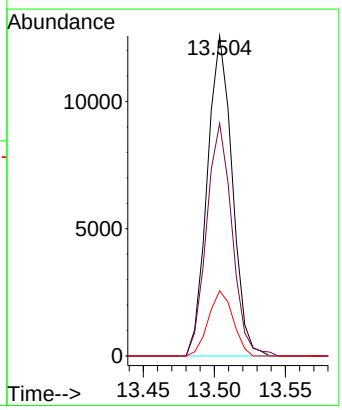


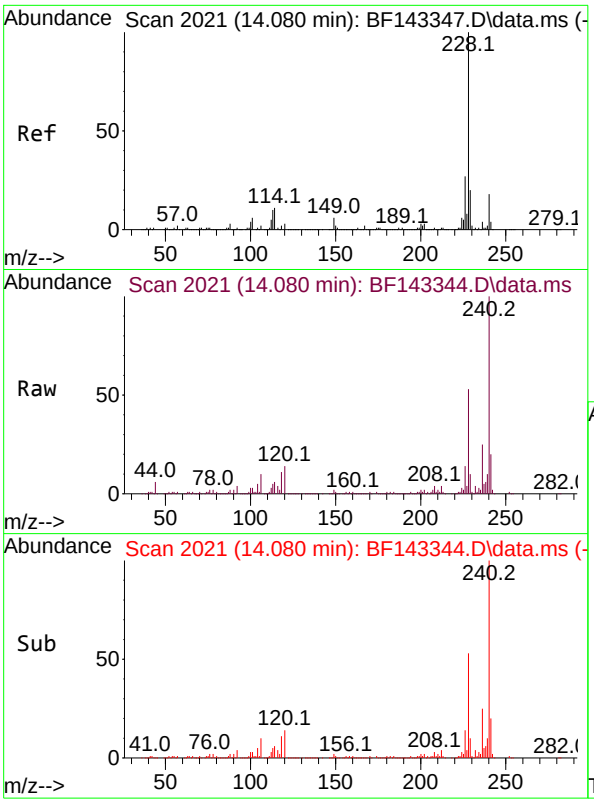


#80
Butylbenzylphthalate
Concen: 5.856 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:149 Resp: 15374

Ion	Ratio	Lower	Upper
149	100		
91	72.7	58.8	88.2
206	20.3	16.4	24.6



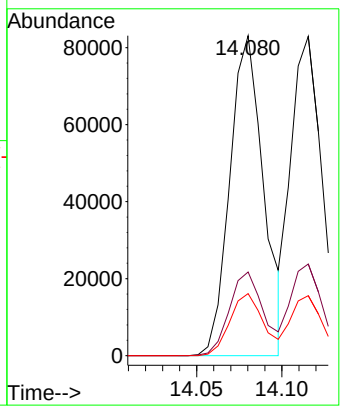


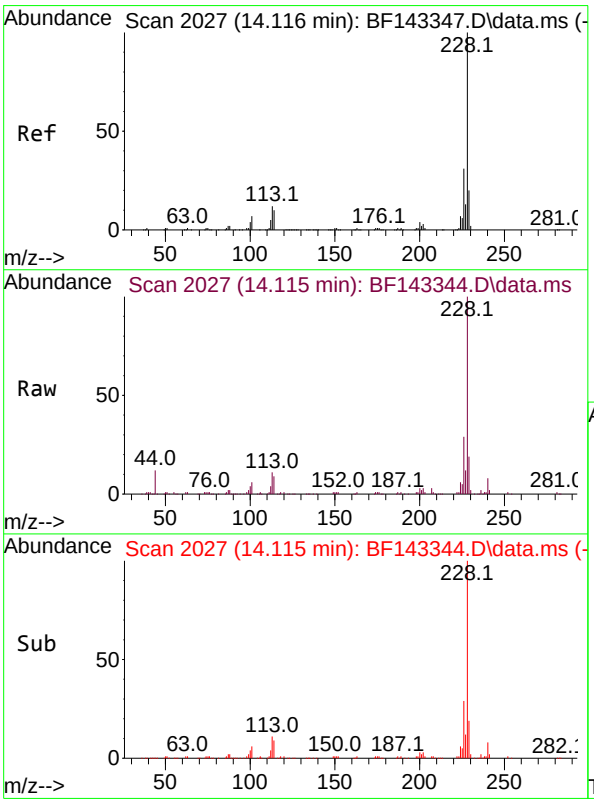
#81
Benzo(a)anthracene
Concen: 5.250 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 114909

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.0	33.0
229	19.4	15.8	23.8

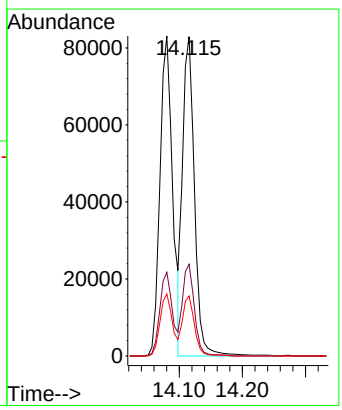


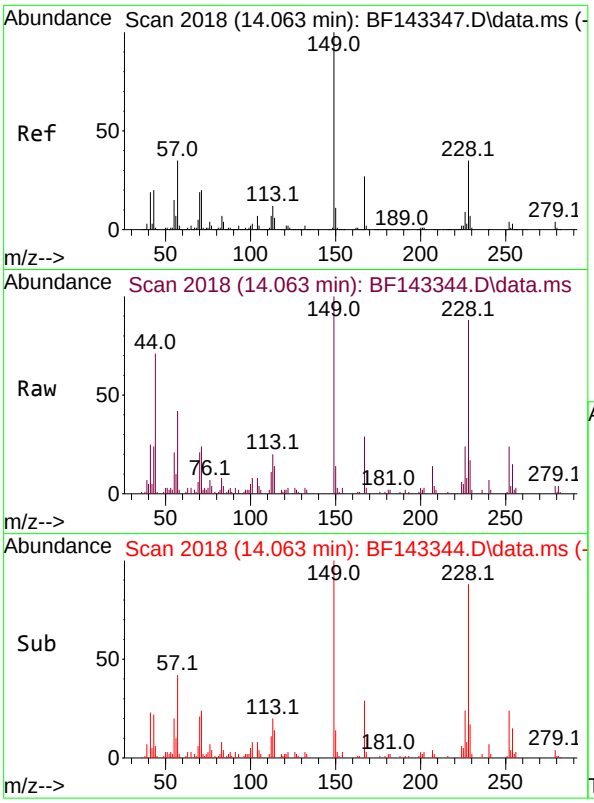


#83
Chrysene
Concen: 5.357 ng
RT: 14.115 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:228 Resp: 109349

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.2	36.2
229	18.8	15.8	23.6



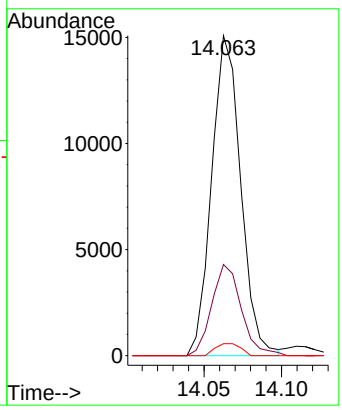


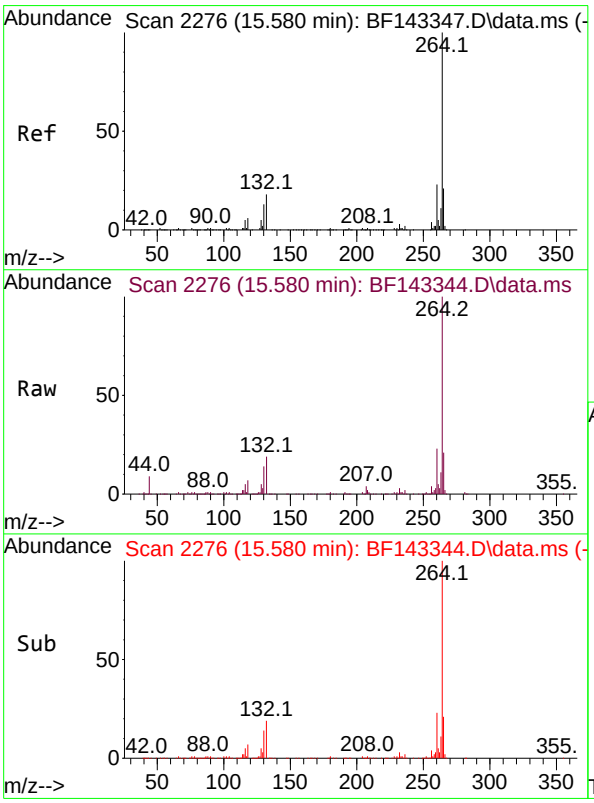
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.133 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 19633

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.4	32.0
279	3.7	3.2	4.8

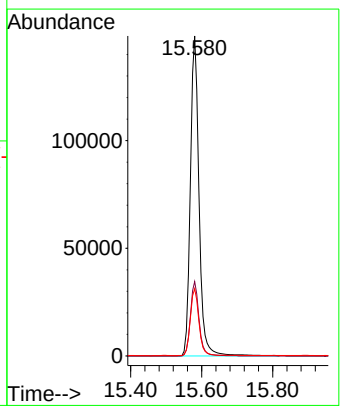


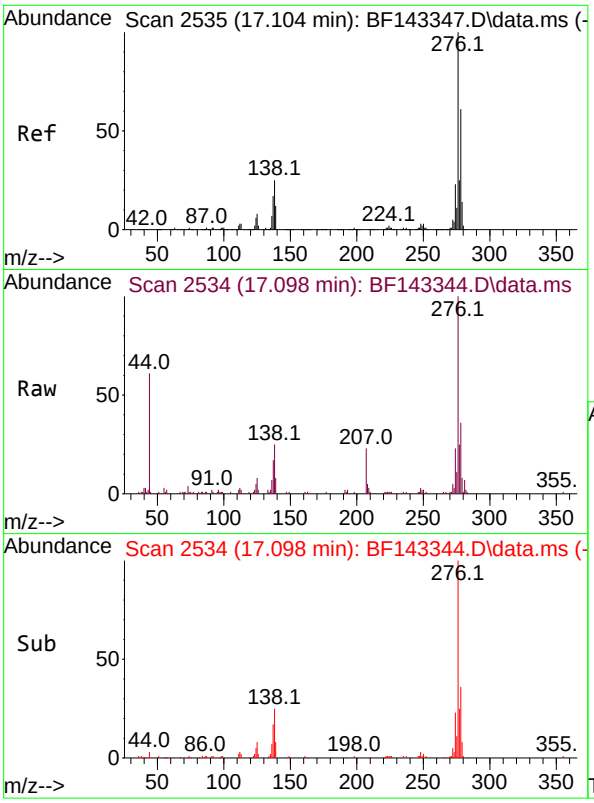


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:264 Resp: 252587

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.0	17.2	25.8



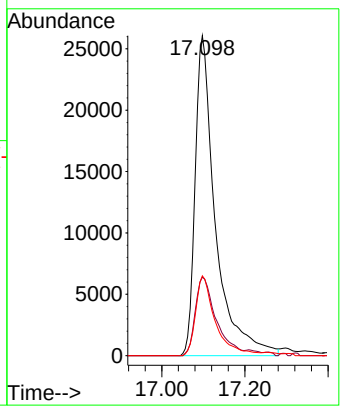


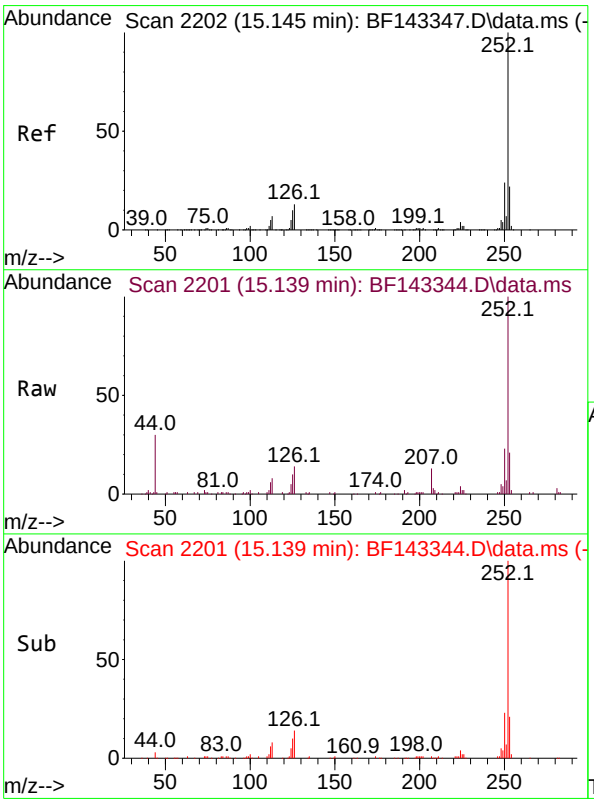
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.890 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 88484

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.1	31.7
277	24.4	20.2	30.2

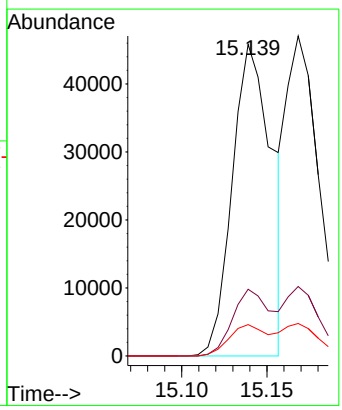


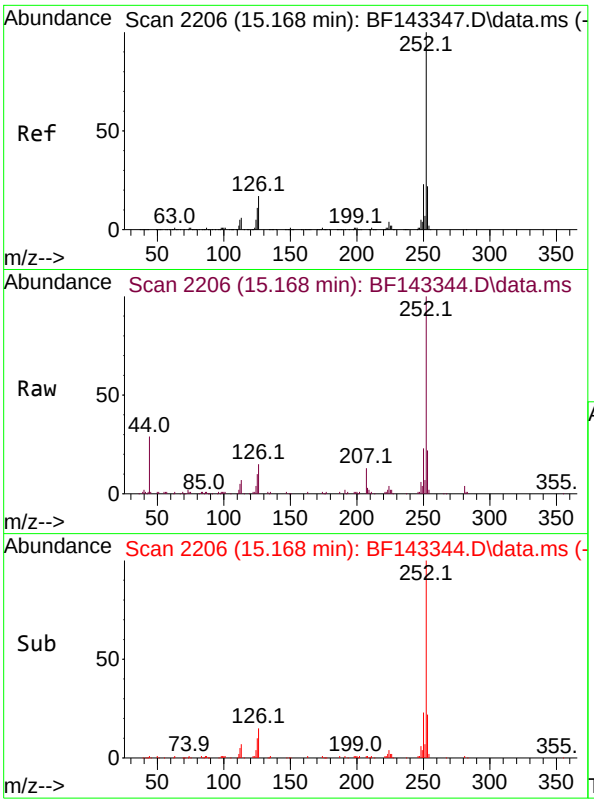


#88
Benzo(b)fluoranthene
Concen: 5.359 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:252 Resp: 74031

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	10.1	7.8	11.6



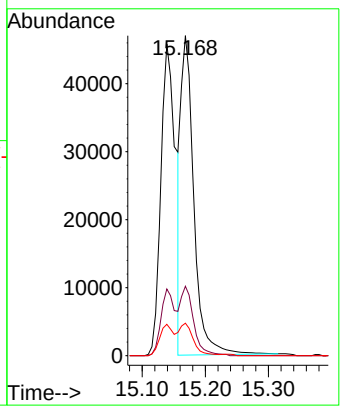


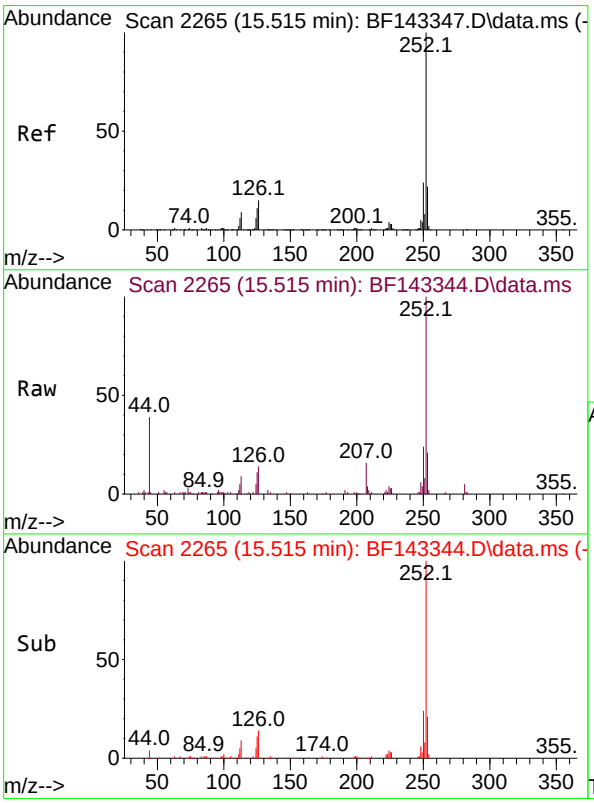
#89
Benzo(k)fluoranthene
Concen: 5.006 ng
RT: 15.168 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 67207

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.2	8.4	12.6

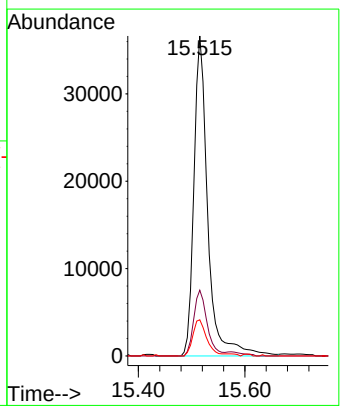


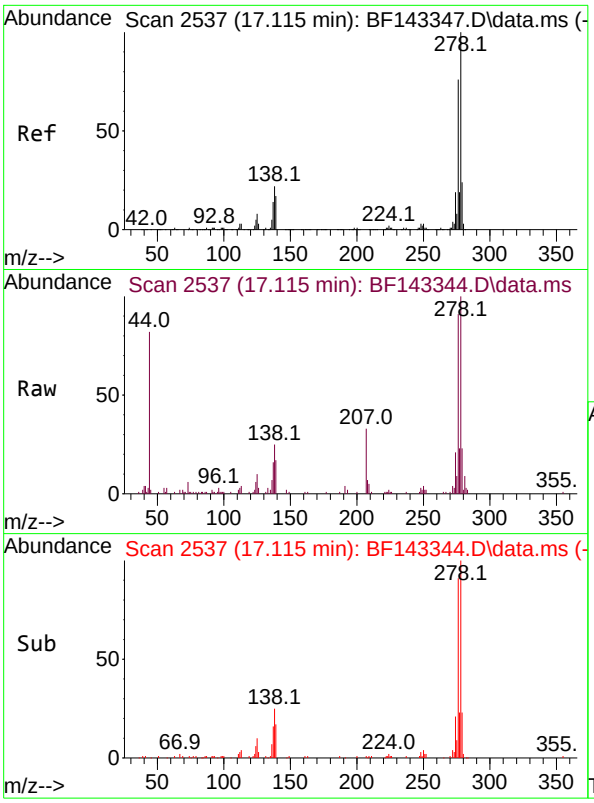


#90
Benzo(a)pyrene
Concen: 5.089 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:252 Resp: 66211

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.6	26.4
125	11.3	9.1	13.7



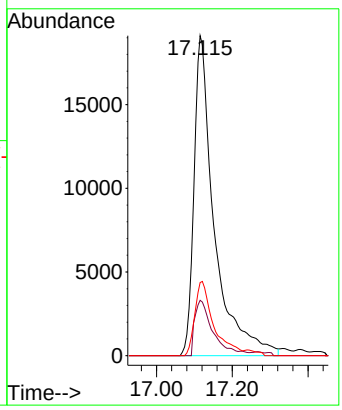


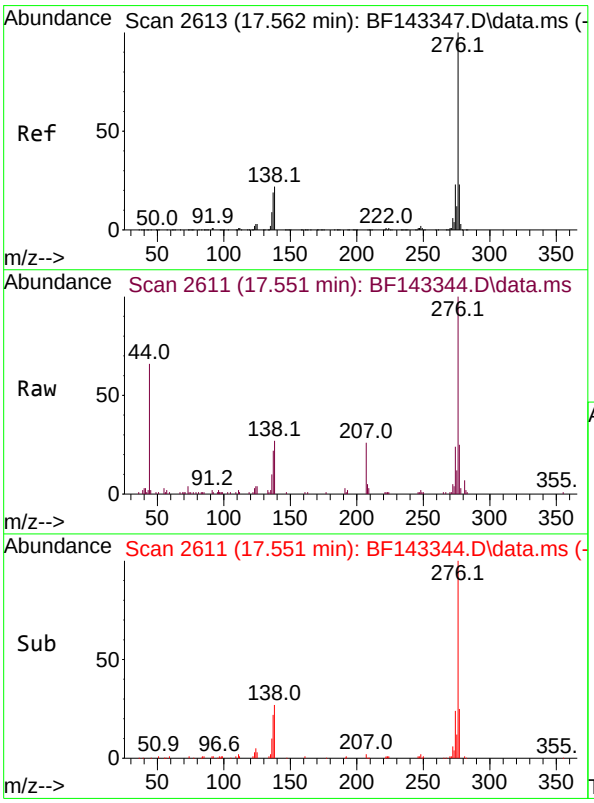
#91
Dibenzo(a,h)anthracene
Concen: 4.933 ng
RT: 17.115 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 71319

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.0	21.0
279	22.9	19.4	29.0

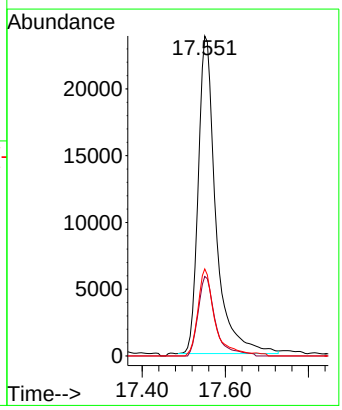




#92
Benzo(g,h,i)perylene
Concen: 4.806 ng
RT: 17.551 min Scan# 2611
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:276 Resp: 69991

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.7	28.1
138	27.2	17.8	26.8#



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143345.D
Acq On : 12 Aug 2025 10:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 12 13:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	154882	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	603685	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	326305	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	511556	20.000	ng		0.00
76) Chrysene-d12	14.086	240	288804	20.000	ng		0.00
86) Perylene-d12	15.580	264	252284	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	181196	20.231	ng		0.00
7) Phenol-d6	6.551	99	233168	20.301	ng		-0.01
23) Nitrobenzene-d5	7.481	82	183453	18.924	ng		-0.01
42) 2,4,6-Tribromophenol	10.751	330	41296	17.317	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	434554	22.583	ng		0.00
79) Terphenyl-d14	13.027	244	388588	24.022	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	45069	9.724	ng		99
3) Pyridine	3.546	79	121796	9.862	ng		98
4) n-Nitrosodimethylamine	3.463	42	53152	9.239	ng		95
6) Aniline	6.587	93	165629	10.229	ng		98
8) 2-Chlorophenol	6.716	128	94079	9.830	ng		97
9) Benzaldehyde	6.481	77	85899	11.315	ng		99
10) Phenol	6.569	94	138719	10.195	ng		94
11) bis(2-Chloroethyl)ether	6.657	93	100958	10.068	ng		99
12) 1,3-Dichlorobenzene	6.869	146	114502	10.373	ng		99
13) 1,4-Dichlorobenzene	6.945	146	116940	10.555	ng		97
14) 1,2-Dichlorobenzene	7.098	146	109638	10.425	ng		99
15) Benzyl Alcohol	7.063	79	75894	9.218	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	186451	10.414	ng		96
17) 2-Methylphenol	7.175	107	80378	9.950	ng		99
18) Hexachloroethane	7.445	117	33555	9.660	ng		98
19) n-Nitroso-di-n-propyla...	7.328	70	72922	10.275	ng		95
20) 3+4-Methylphenols	7.328	107	103058	10.548	ng	#	85
22) Acetophenone	7.328	105	144189	10.840	ng		98
24) Nitrobenzene	7.504	77	99226	9.425	ng		98
25) Isophorone	7.739	82	199699	10.091	ng		98
26) 2-Nitrophenol	7.822	139	25672	9.265	ng		98
27) 2,4-Dimethylphenol	7.857	122	78873	9.553	ng		98
28) bis(2-Chloroethoxy)met...	7.951	93	123627	10.232	ng		99
29) 2,4-Dichlorophenol	8.069	162	77156	9.568	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	87392	10.274	ng		98
31) Naphthalene	8.233	128	308901	10.634	ng		98
32) Benzoic acid	7.939	122	20894m	10.319	ng		
33) 4-Chloroaniline	8.275	127	105601	10.079	ng		99
34) Hexachlorobutadiene	8.351	225	54615	10.321	ng		99
35) Caprolactam	8.610	113	18357	8.098	ng		93
36) 4-Chloro-3-methylphenol	8.757	107	82681	9.780	ng		96
37) 2-Methylnaphthalene	8.922	142	203203	10.641	ng		100
38) 1-Methylnaphthalene	9.022	142	197497	10.738	ng		100
40) 1,2,4,5-Tetrachloroben...	9.086	216	92307	10.338	ng		99
41) Hexachlorocyclopentadiene	9.081	237	14343	10.801	ng		100
43) 2,4,6-Trichlorophenol	9.198	196	44424	8.769	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143345.D
Acq On : 12 Aug 2025 10:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Quant Time: Aug 12 13:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	50263	8.786	ng	98
46) 1,1'-Biphenyl	9.380	154	245641	10.647	ng	99
47) 2-Chloronaphthalene	9.410	162	191809	10.556	ng	98
48) 2-Nitroaniline	9.498	65	36444	9.319	ng	93
49) Acenaphthylene	9.822	152	274441	10.459	ng	99
50) Dimethylphthalate	9.675	163	192210	10.081	ng	100
51) 2,6-Dinitrotoluene	9.733	165	24005	9.205	ng	88
52) Acenaphthene	9.998	154	183915	10.543	ng	100
53) 3-Nitroaniline	9.904	138	31507	8.069	ng	92
54) 2,4-Dinitrophenol	10.022	184	4834	10.356	ng	92
55) Dibenzofuran	10.169	168	267653	10.660	ng	99
56) 4-Nitrophenol	10.075	139	15708	10.166	ng	92
57) 2,4-Dinitrotoluene	10.139	165	31226	9.126	ng	91
58) Fluorene	10.510	166	210161	10.959	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	30681	7.955	ng	98
60) Diethylphthalate	10.375	149	173119	10.137	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	97989	10.575	ng	99
62) 4-Nitroaniline	10.516	138	32919	8.714	ng	97
63) Azobenzene	10.657	77	200367	10.272	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	9325	11.085	ng	92
66) n-Nitrosodiphenylamine	10.616	169	171289	10.169	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	56818	9.712	ng	97
68) Hexachlorobenzene	11.063	284	63639	10.091	ng	99
69) Atrazine	11.139	200	40124	9.133	ng	100
70) Pentachlorophenol	11.257	266	14951	10.407	ng	94
71) Phenanthrene	11.474	178	296410	10.620	ng	98
72) Anthracene	11.527	178	298872	10.559	ng	99
73) Carbazole	11.674	167	255831	10.613	ng	100
74) Di-n-butylphthalate	12.004	149	189069	9.269	ng	99
75) Fluoranthene	12.663	202	269569	11.026	ng	99
77) Benzidine	12.780	184	78152	9.898	ng	100
78) Pyrene	12.892	202	283403	11.697	ng	98
80) Butylbenzylphthalate	13.504	149	30088	9.196	ng	99
81) Benzo(a)anthracene	14.074	228	176759	9.629	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	36804	7.425	ng	98
83) Chrysene	14.110	228	180427	10.541	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	39945	9.191	ng	100
85) Di-n-octyl phthalate	14.674	149	78702	10.933	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	183505	10.153	ng	99
88) Benzo(b)fluoranthene	15.139	252	129605	9.392	ng	99
89) Benzo(k)fluoranthene	15.168	252	136296	10.165	ng	98
90) Benzo(a)pyrene	15.515	252	127540	9.814	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	146537	10.148	ng	98
92) Benzo(g,h,i)perylene	17.551	276	150383	10.338	ng	100

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

ICAL Form

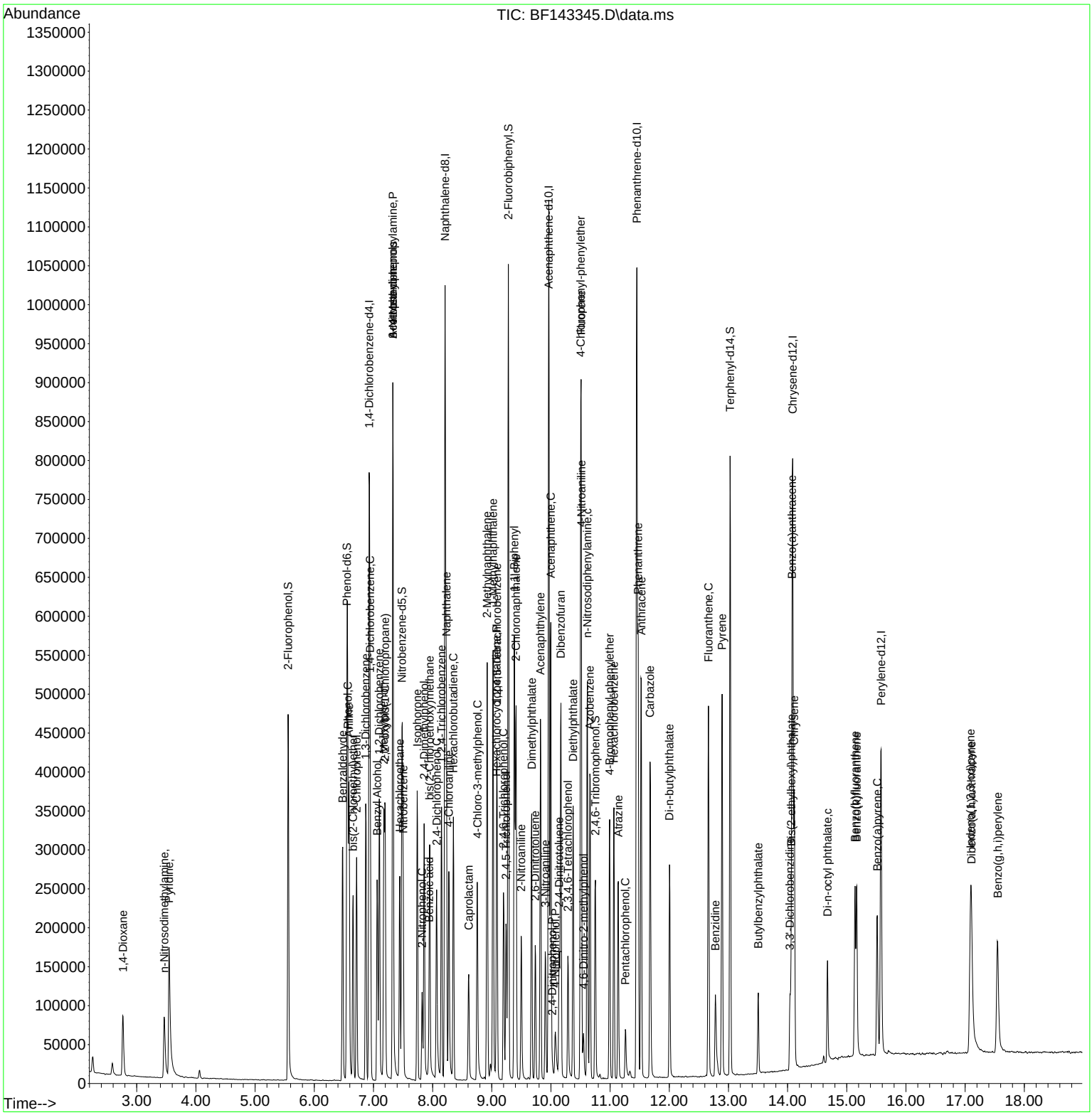
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143345.D
Acq On : 12 Aug 2025 10:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

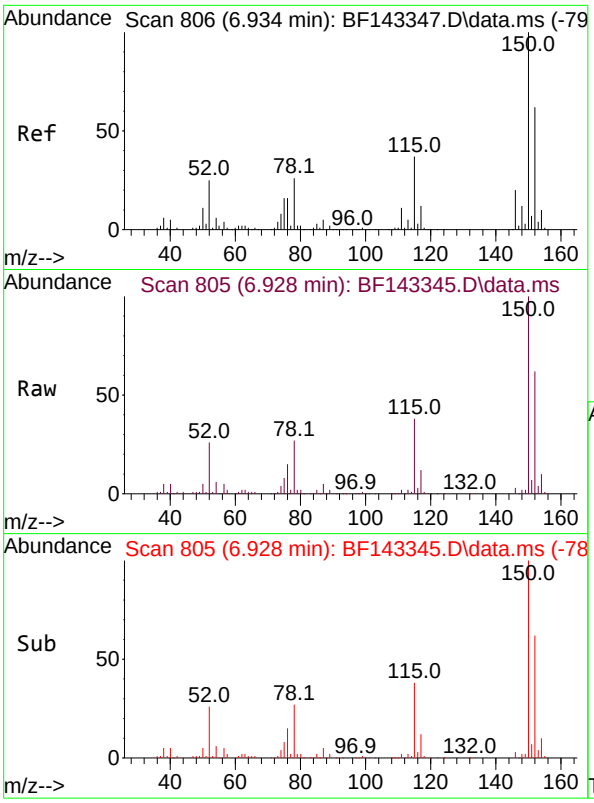
Quant Time: Aug 12 13:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

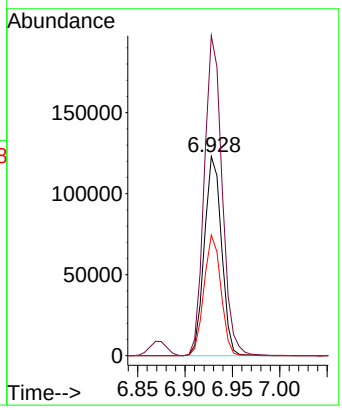




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:152 Resp: 15488

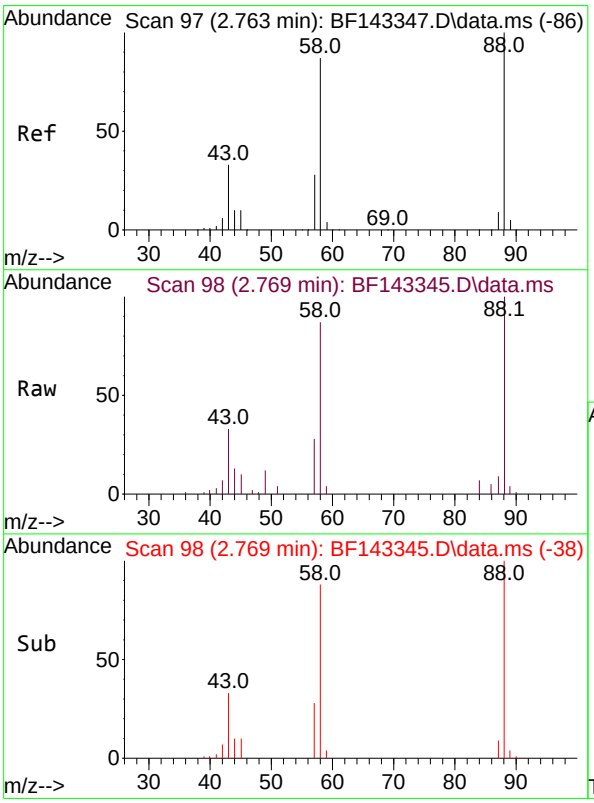
Ion	Ratio	Lower	Upper
152	100		
150	160.6	129.8	194.8
115	60.6	47.8	71.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

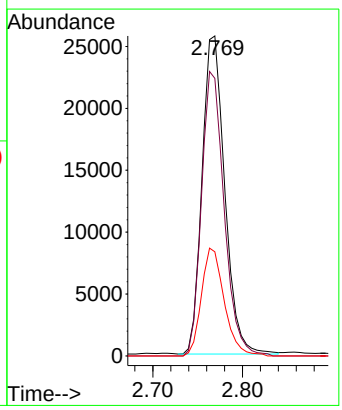
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

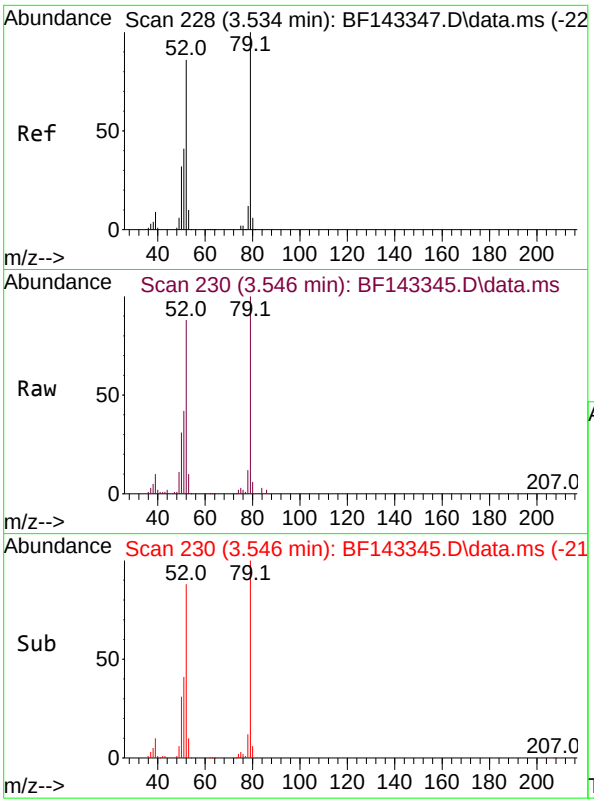


#2
1,4-Dioxane
Concen: 9.724 ng
RT: 2.769 min Scan# 98
Delta R.T. 0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 88 Resp: 45069

Ion	Ratio	Lower	Upper
88	100		
58	89.2	71.0	106.6
43	34.2	27.0	40.6

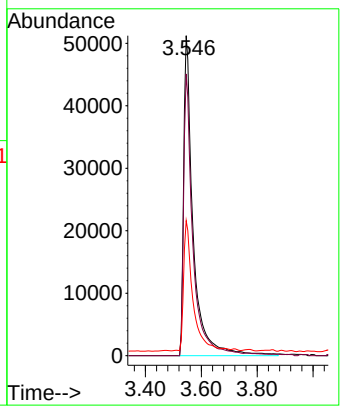




#3
Pyridine
Concen: 9.862 ng
RT: 3.546 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 79 Resp: 12179

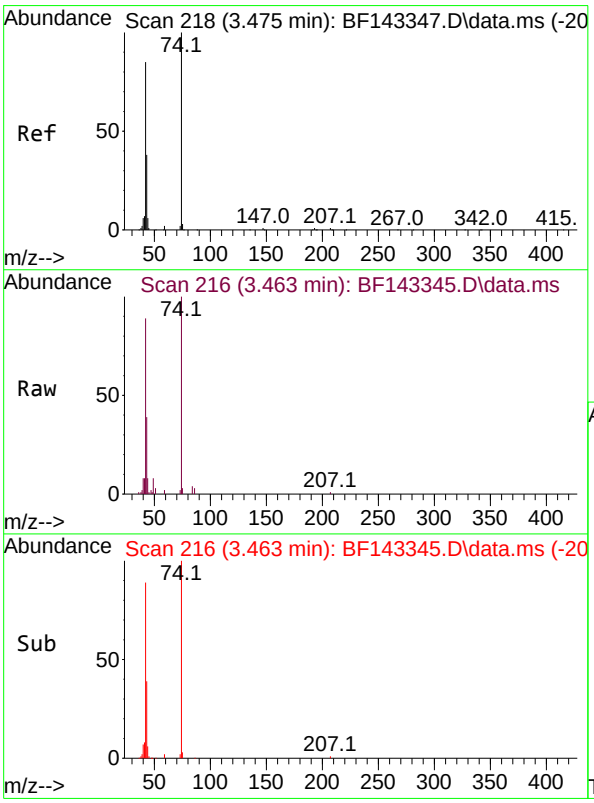
Ion	Ratio	Lower	Upper
79	100		
52	88.0	68.7	103.1
51	42.2	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

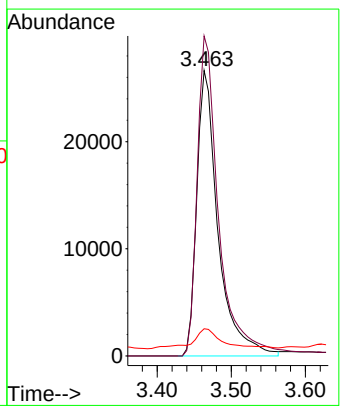
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

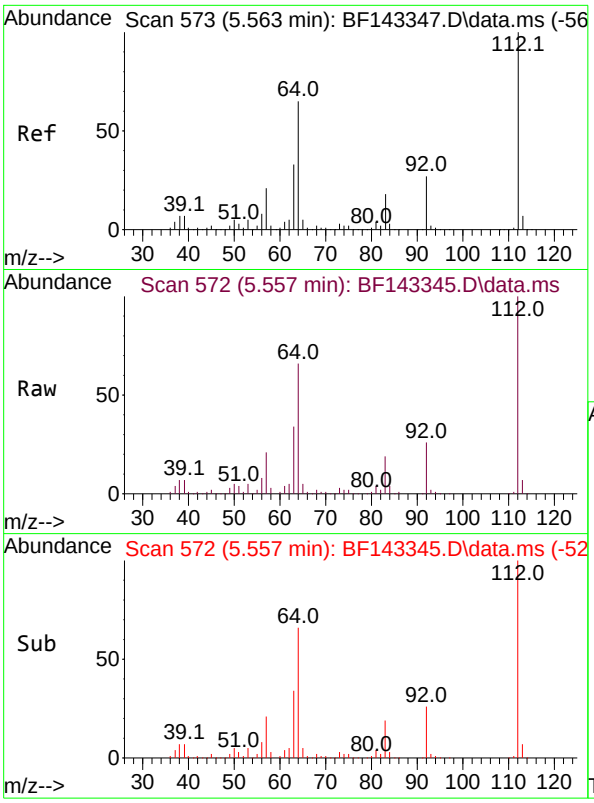


#4
n-Nitrosodimethylamine
Concen: 9.239 ng
RT: 3.463 min Scan# 216
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 42 Resp: 53152

Ion	Ratio	Lower	Upper
42	100		
74	112.1	94.1	141.1
44	9.5	6.5	9.7

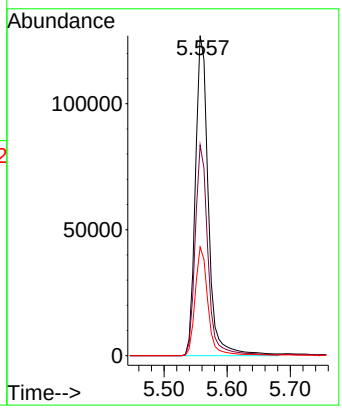




#5
2-Fluorophenol
Concen: 20.231 ng
RT: 5.557 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:112 Resp: 18119

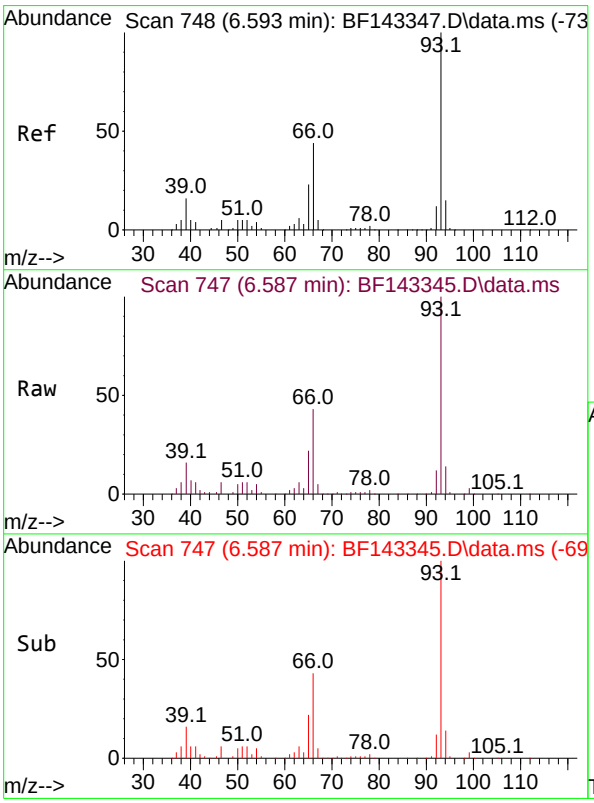
Ion	Ratio	Lower	Upper
112	100		
64	65.8	52.1	78.1
63	33.9	26.6	39.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

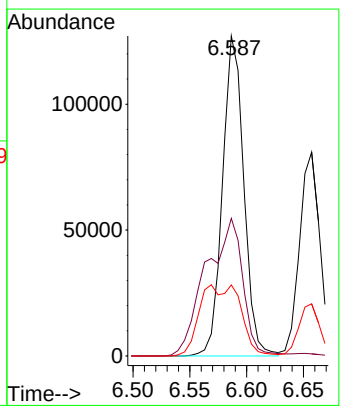
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

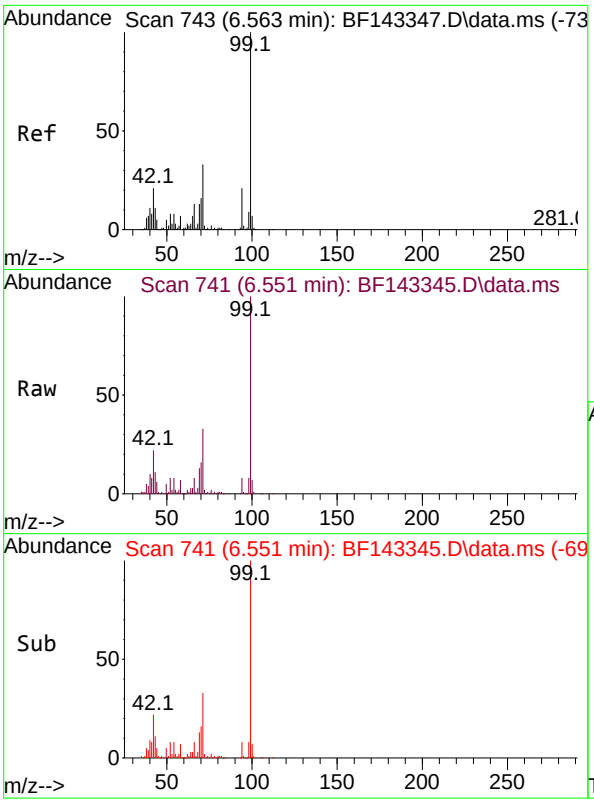


#6
Aniline
Concen: 10.229 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 93 Resp: 165629

Ion	Ratio	Lower	Upper
93	100		
66	43.0	35.3	52.9
65	22.2	18.2	27.4

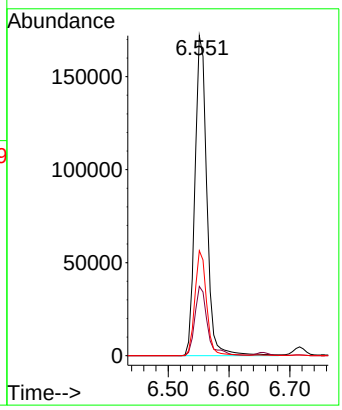




#7
Phenol-d6
Concen: 20.301 ng
RT: 6.551 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 99 Resp: 23316

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.6	25.0
71	32.8	26.2	39.2



Instrument :
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ClientSampleId :
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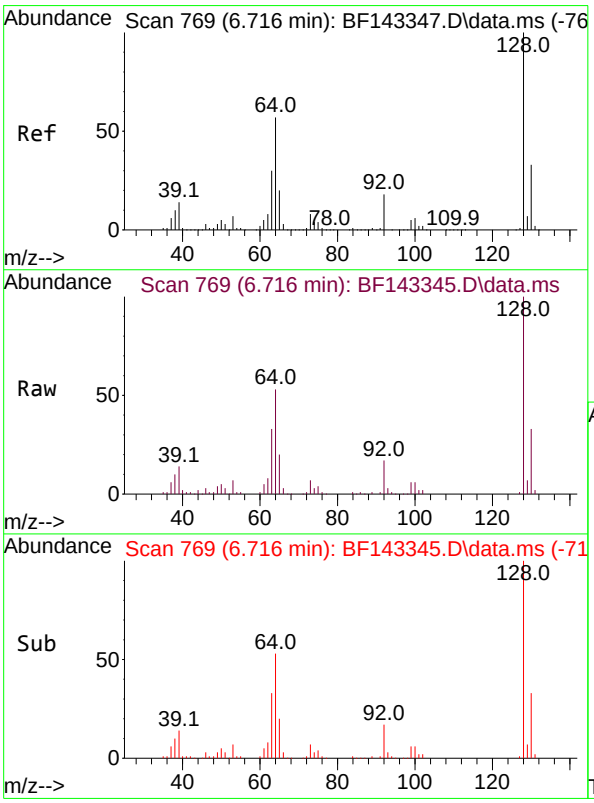
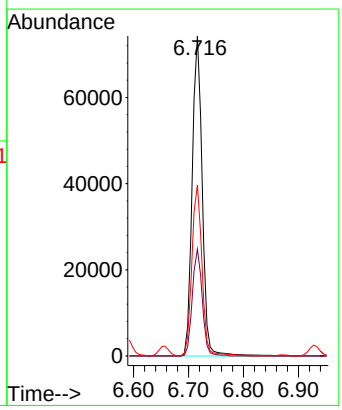
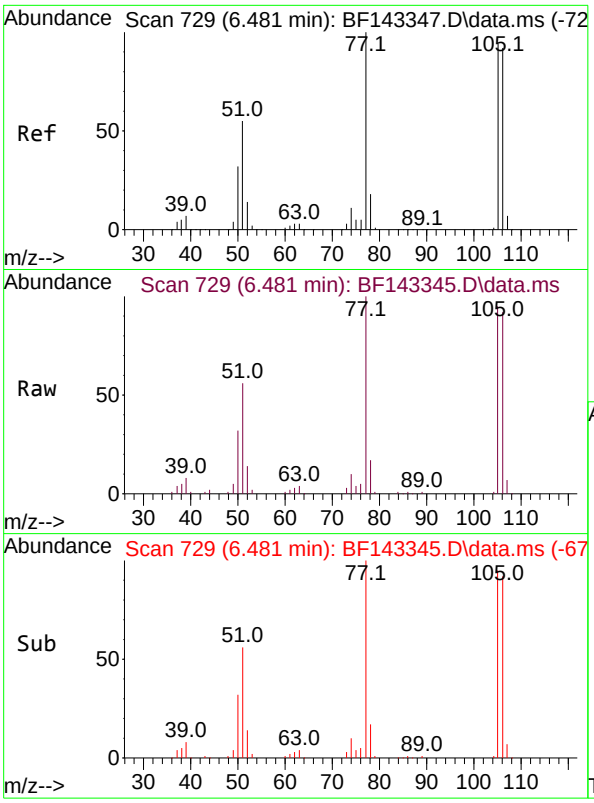


#8
2-Chlorophenol
Concen: 9.830 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:128 Resp: 94079

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.6	52.6
64	53.4	36.7	76.7

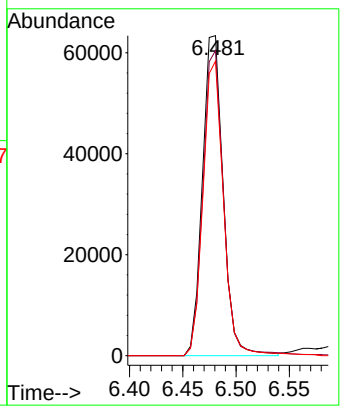




#9
Benzaldehyde
Concen: 11.315 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 77 Resp: 8589

Ion	Ratio	Lower	Upper
77	100		
105	95.4	74.2	114.2
106	92.0	72.2	112.2



Instrument :
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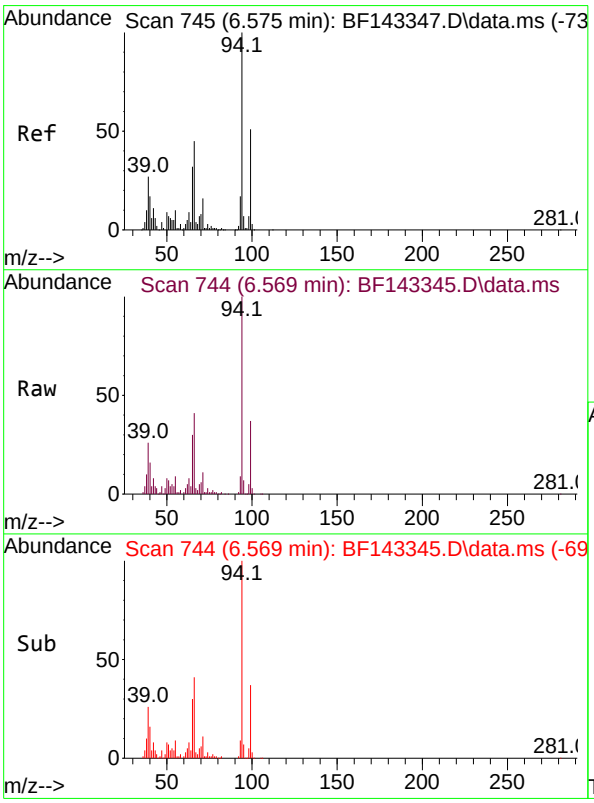
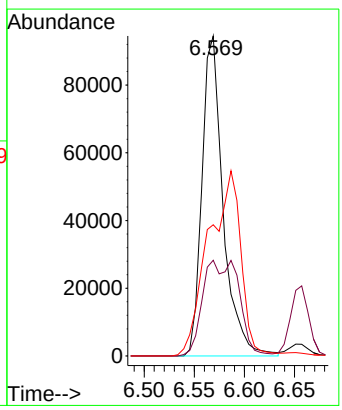
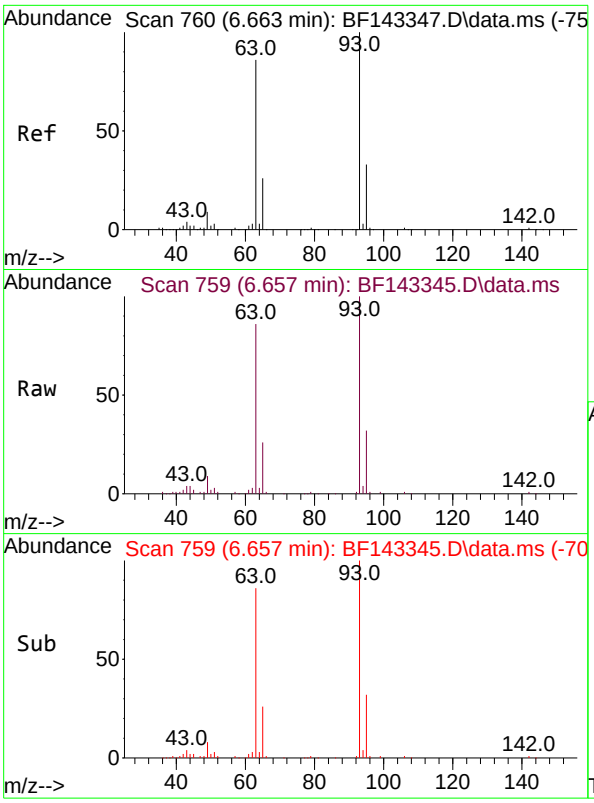


#10
Phenol
Concen: 10.195 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 94 Resp: 138719

Ion	Ratio	Lower	Upper
94	100		
65	29.9	12.0	52.0
66	41.0	25.6	65.6

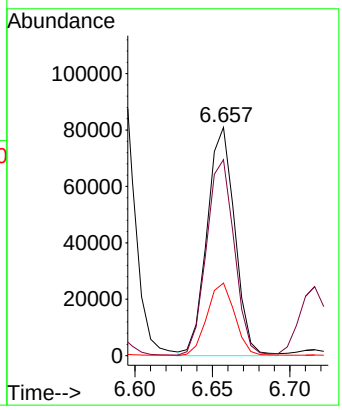




#11
bis(2-Chloroethyl)ether
Concen: 10.068 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 93 Resp: 10095

Ion	Ratio	Lower	Upper
93	100		
63	85.8	65.7	105.7
95	31.8	13.0	53.0



Instrument :
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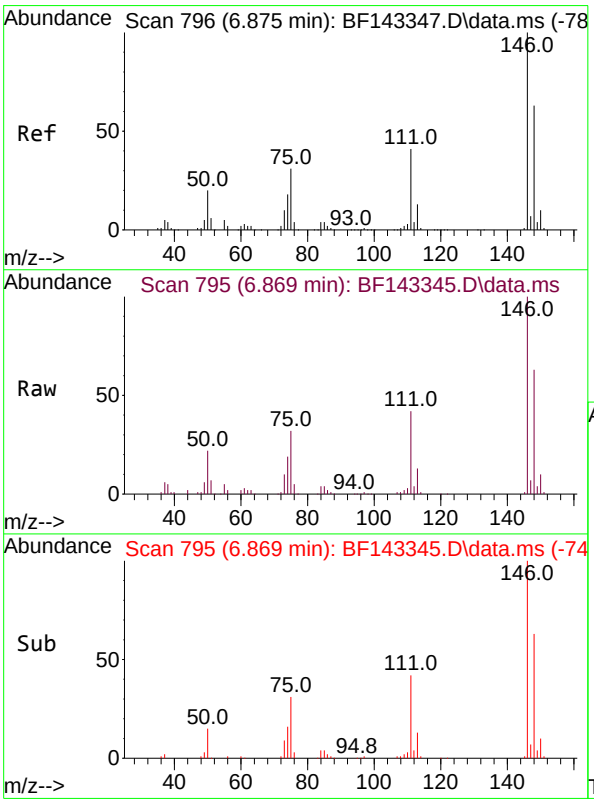
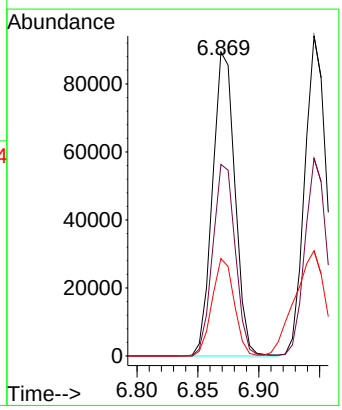
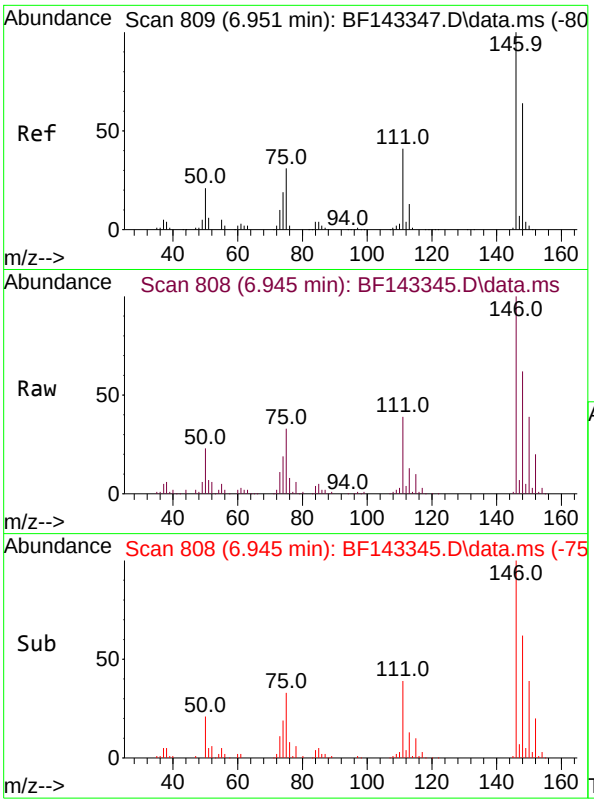


#12
1,3-Dichlorobenzene
Concen: 10.373 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:146 Resp: 114502

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.5	75.7
75	32.1	24.9	37.3

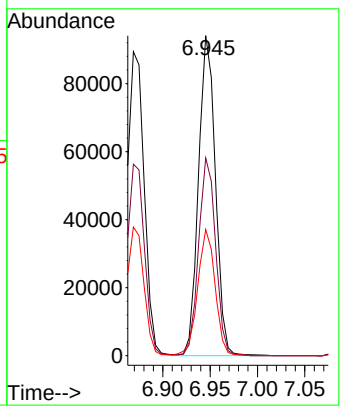




#13
1,4-Dichlorobenzene
Concen: 10.555 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:146 Resp: 11694

Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.4	77.0
111	39.4	32.6	48.8



Instrument :
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ClientSampleId :
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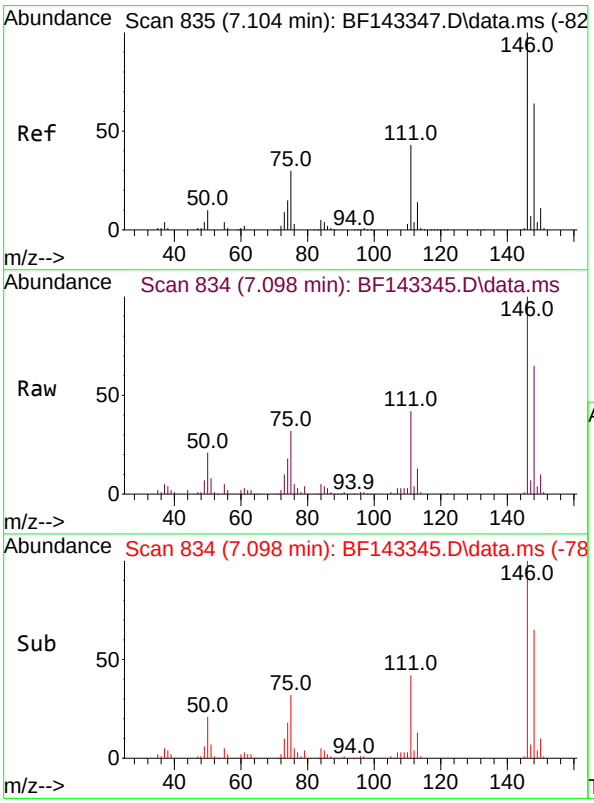
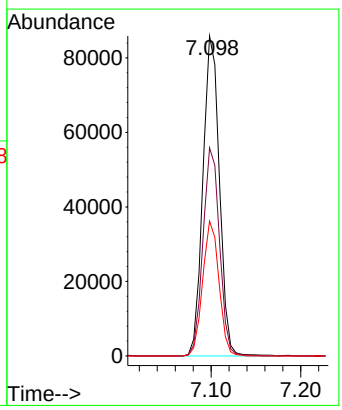
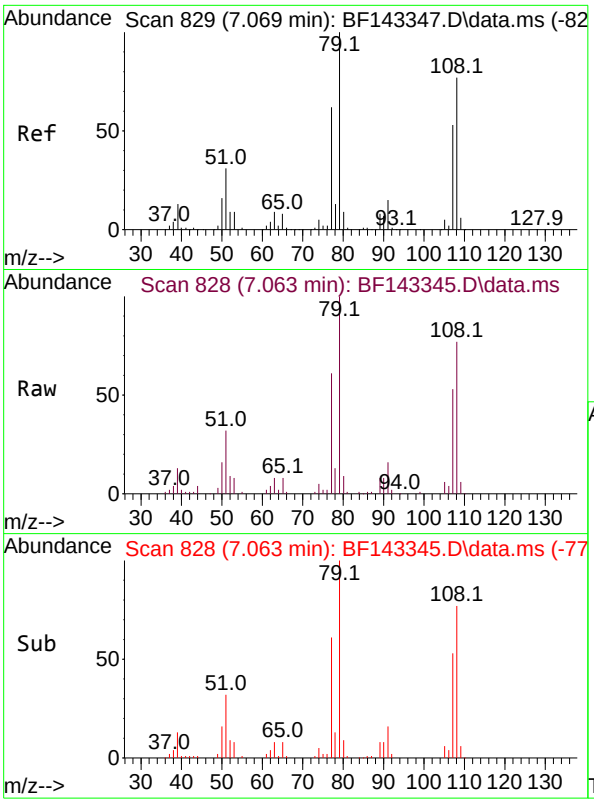


#14
1,2-Dichlorobenzene
Concen: 10.425 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:146 Resp: 109638

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.2
111	42.2	34.1	51.1

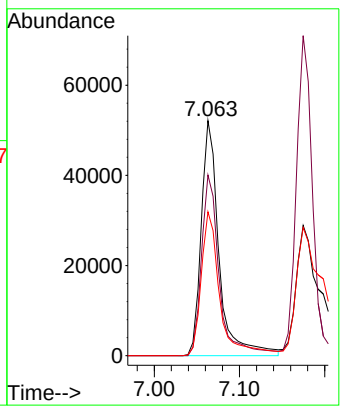




#15
Benzyl Alcohol
Concen: 9.218 ng
RT: 7.063 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 79 Resp: 7589

Ion	Ratio	Lower	Upper
79	100		
108	76.8	61.5	92.3
77	61.2	49.8	74.8



Instrument :
BNA_F
ClientSampleId :
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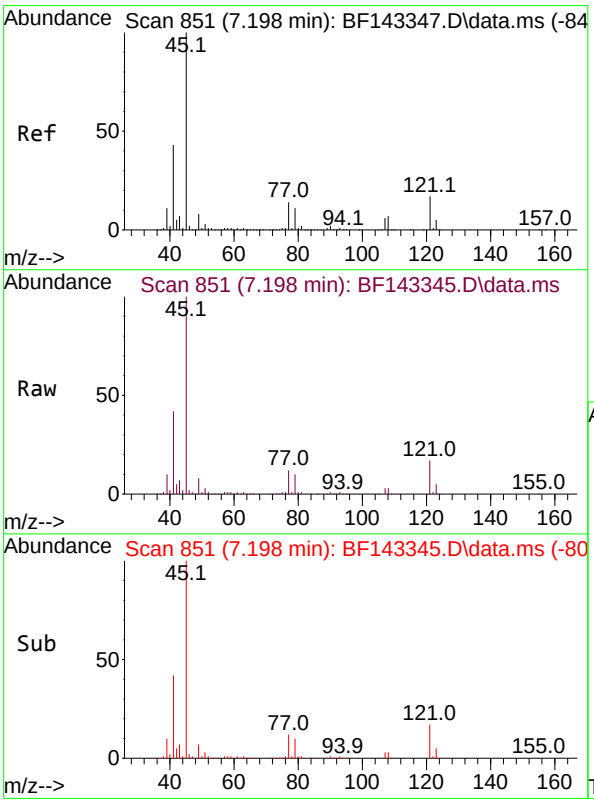
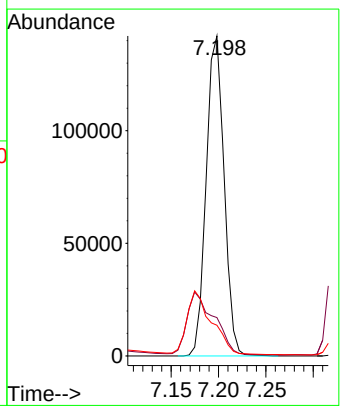
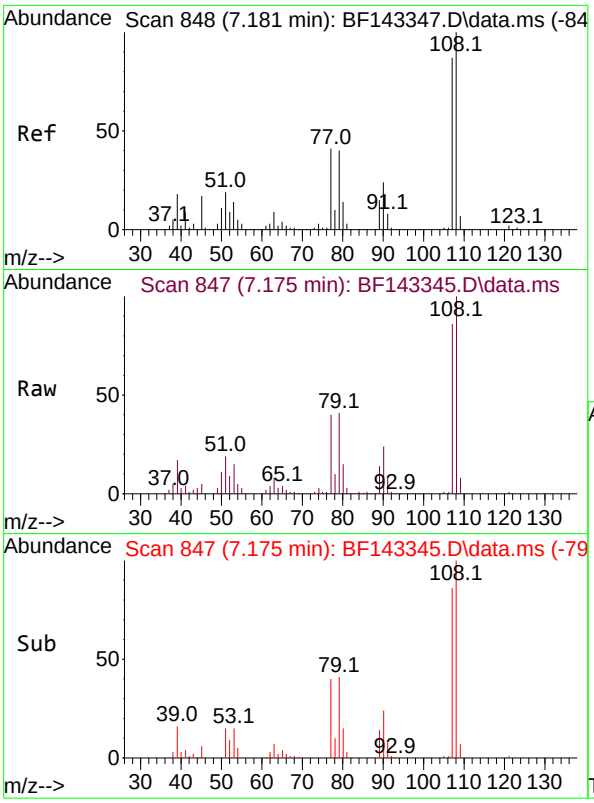


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.414 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 45 Resp: 186451

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	34.0
79	9.6	0.0	31.1

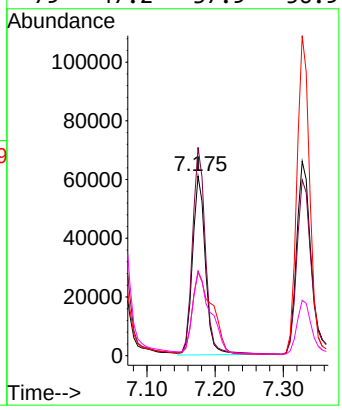




#17
2-Methylphenol
Concen: 9.950 ng
RT: 7.175 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:107 Resp: 8037

Ion	Ratio	Lower	Upper
107	100		
108	116.0	92.0	138.0
77	46.5	38.2	57.2
79	47.2	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
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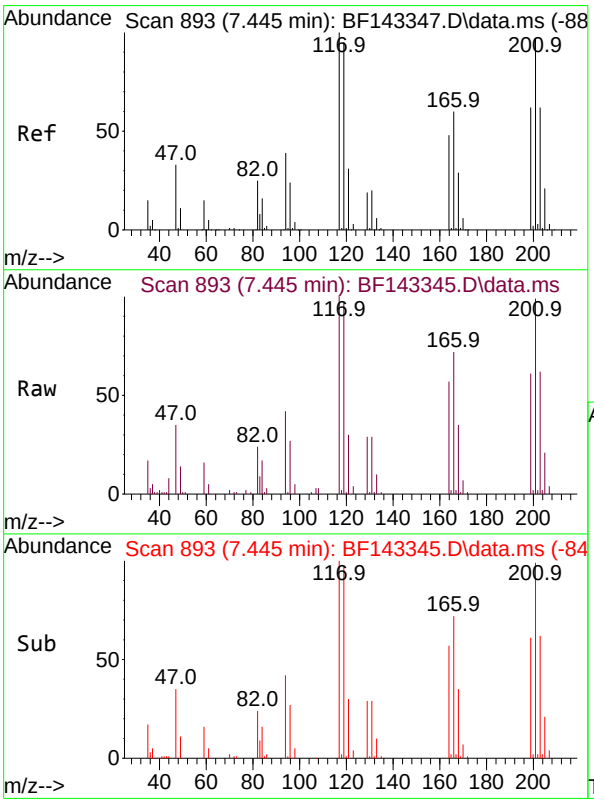
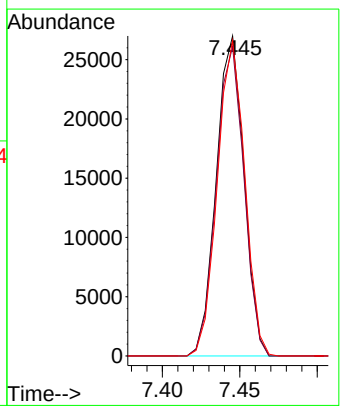
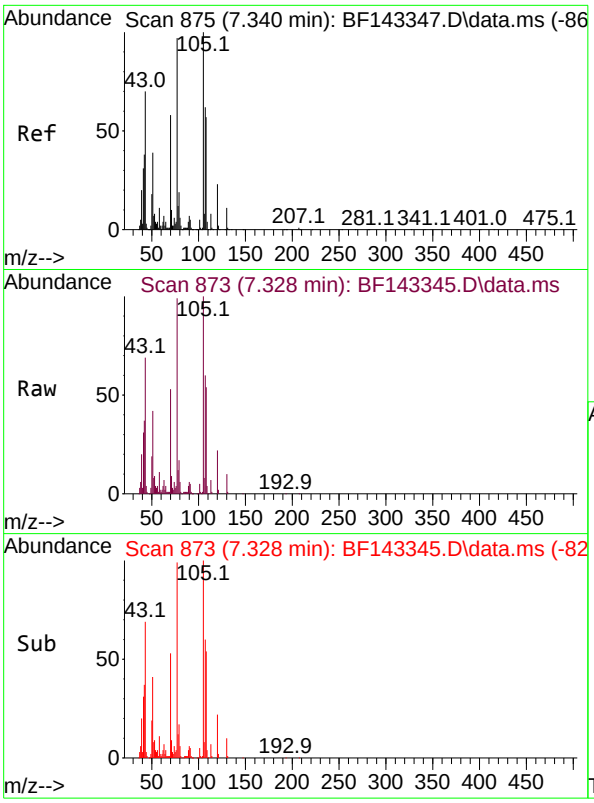


#18
Hexachloroethane
Concen: 9.660 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:117 Resp: 33555

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	98.6	77.2	115.8

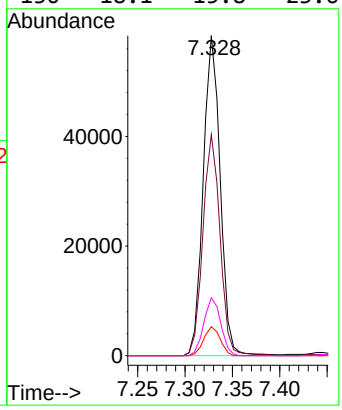




#19
n-Nitroso-di-n-propylamine
Concen: 10.275 ng
RT: 7.328 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 70 Resp: 7292

Ion	Ratio	Lower	Upper
70	100		
42	69.0	51.6	77.4
101	9.1	7.5	11.3
130	18.1	15.8	23.6



Instrument :
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ClientSampleId :
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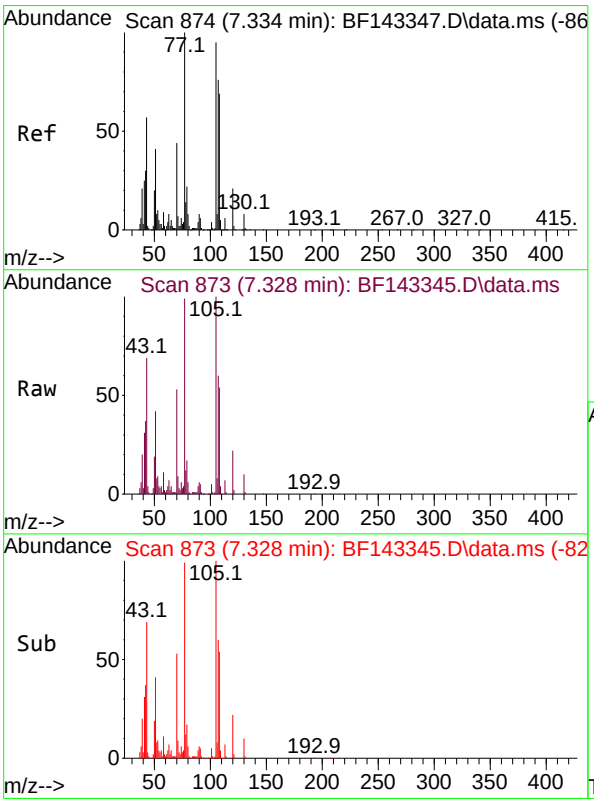
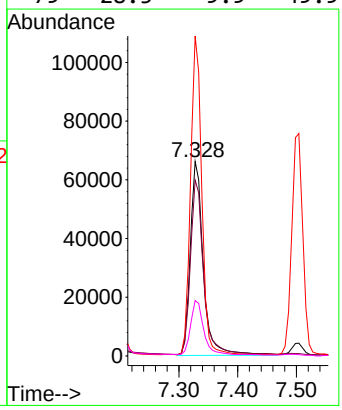
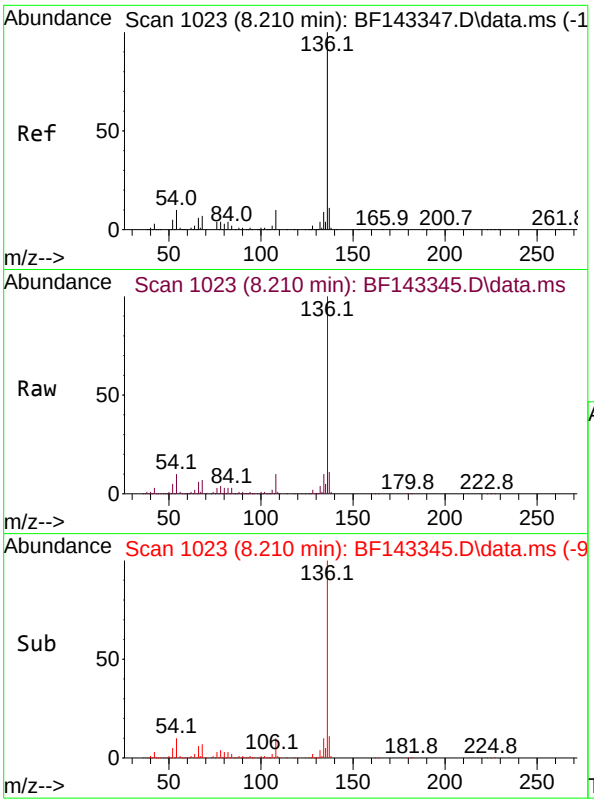


#20
3+4-Methylphenols
Concen: 10.548 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:107 Resp: 103058

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.6	110.6
77	164.6	112.0	152.0#
79	28.5	9.9	49.9

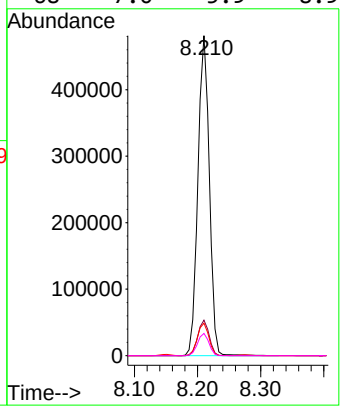




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:136 Resp: 60368

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.2	8.4	12.6
68	7.0	5.9	8.9



Instrument :
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ClientSampleId :
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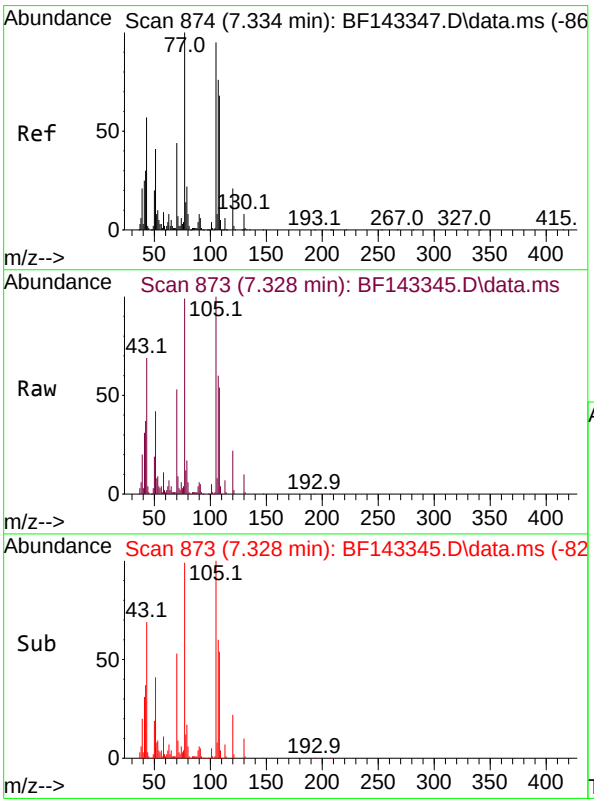
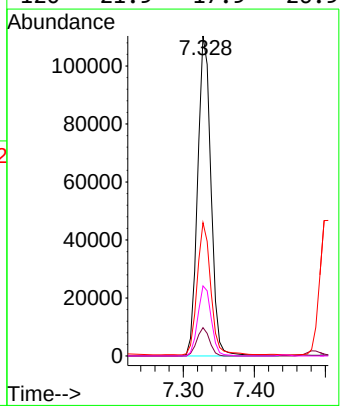
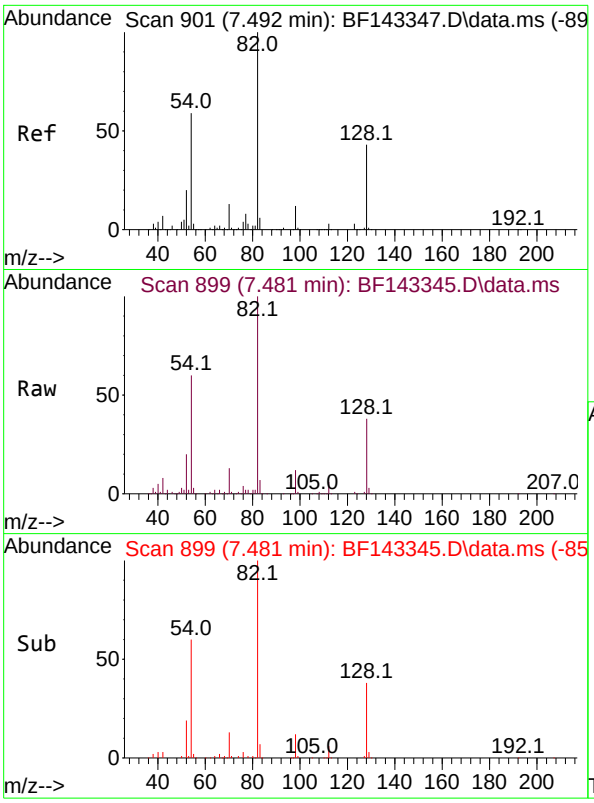


#22
Acetophenone
Concen: 10.840 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:105 Resp: 144189

Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.2	9.4
51	41.6	34.8	52.2
120	21.9	17.9	26.9

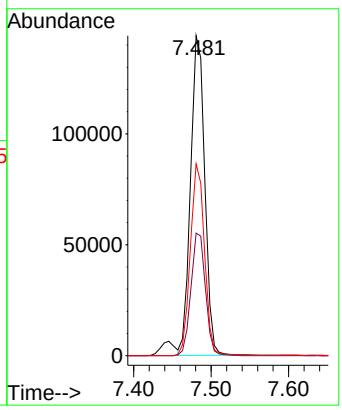




#23
Nitrobenzene-d5
Concen: 18.924 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 82 Resp: 18345

Ion	Ratio	Lower	Upper
82	100		
128	38.3	33.5	50.3
54	60.0	46.7	70.1



Instrument :
BNA_F
ClientSampleId :
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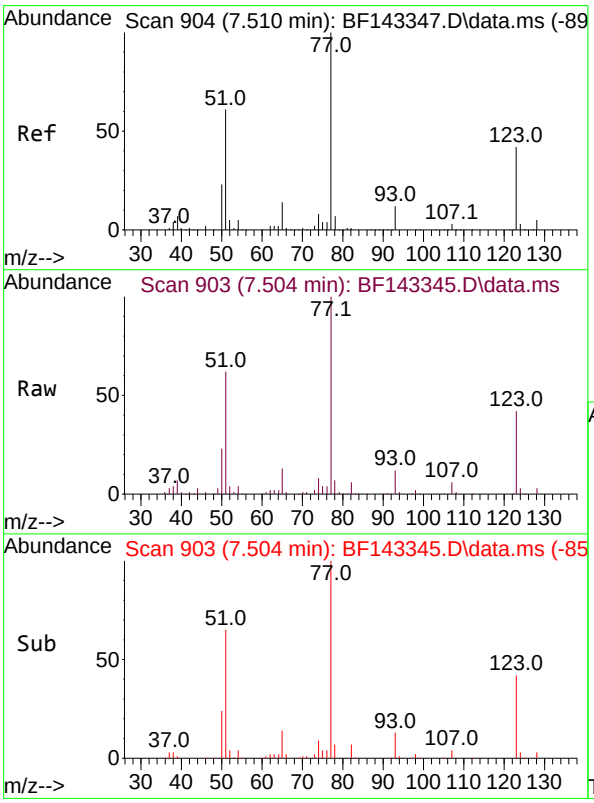
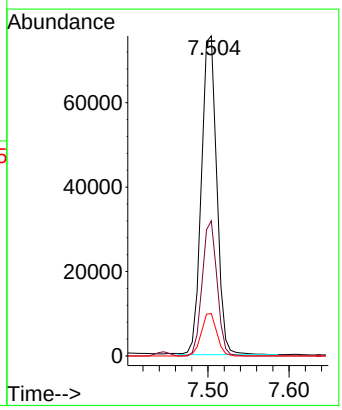
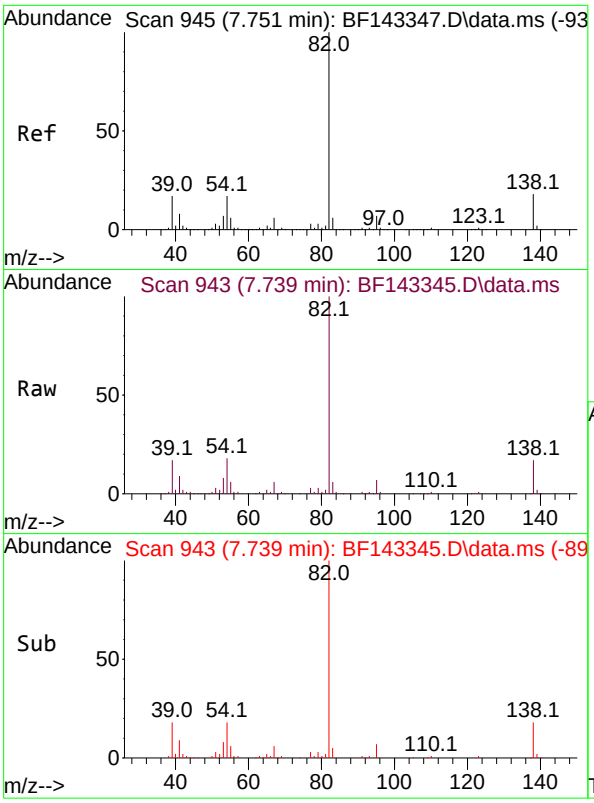


#24
Nitrobenzene
Concen: 9.425 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 77 Resp: 99226

Ion	Ratio	Lower	Upper
77	100		
123	42.3	34.8	52.2
65	13.2	11.0	16.6

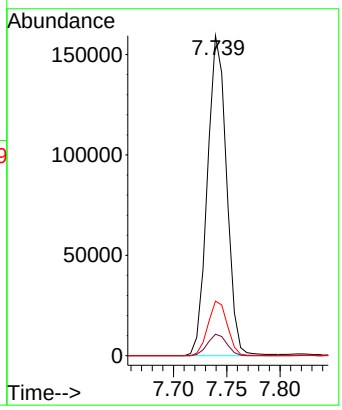




#25
Isophorone
Concen: 10.091 ng
RT: 7.739 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 82 Resp: 199699

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.1	14.6	21.8



Instrument :
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ClientSampleId :
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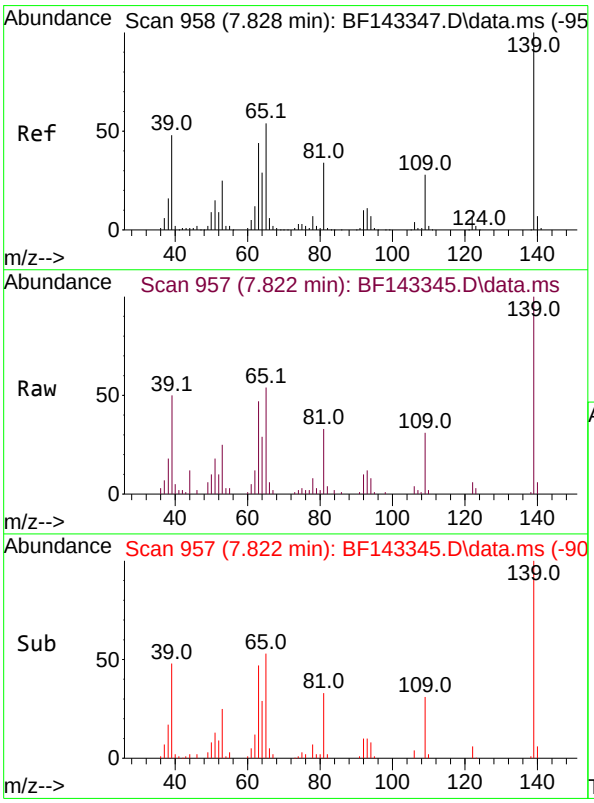
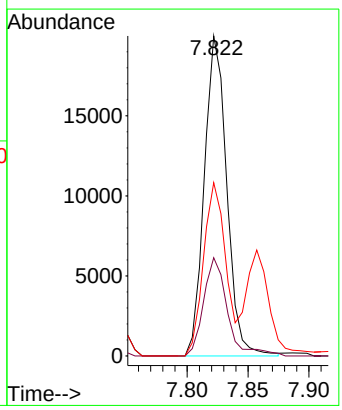
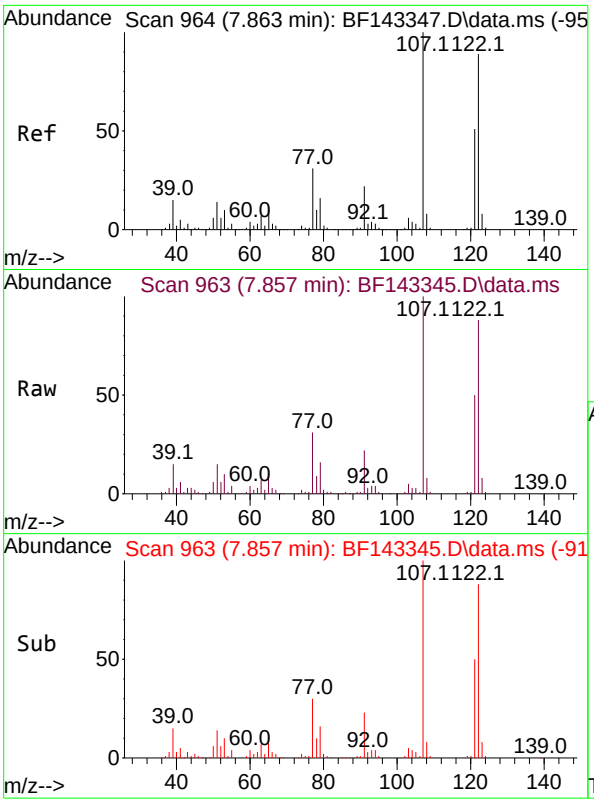


#26
2-Nitrophenol
Concen: 9.265 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:139 Resp: 25672

Ion	Ratio	Lower	Upper
139	100		
109	30.7	22.4	33.6
65	54.1	42.9	64.3

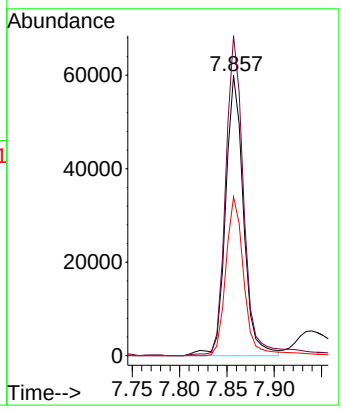




#27
2,4-Dimethylphenol
Concen: 9.553 ng
RT: 7.857 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:122 Resp: 7887

Ion	Ratio	Lower	Upper
122	100		
107	114.2	89.9	134.9
121	56.7	46.2	69.4



Instrument :
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ClientSampleId :
SSTDICC010

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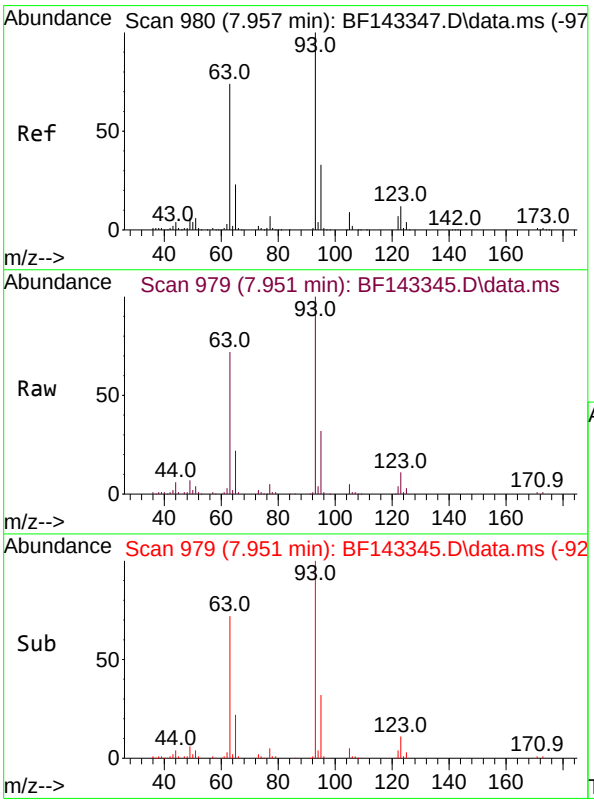
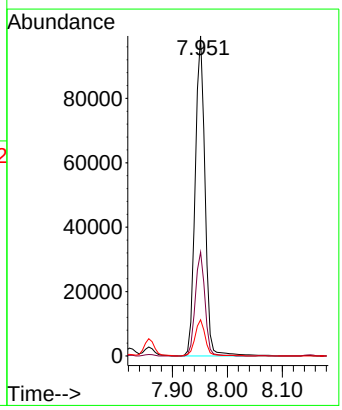
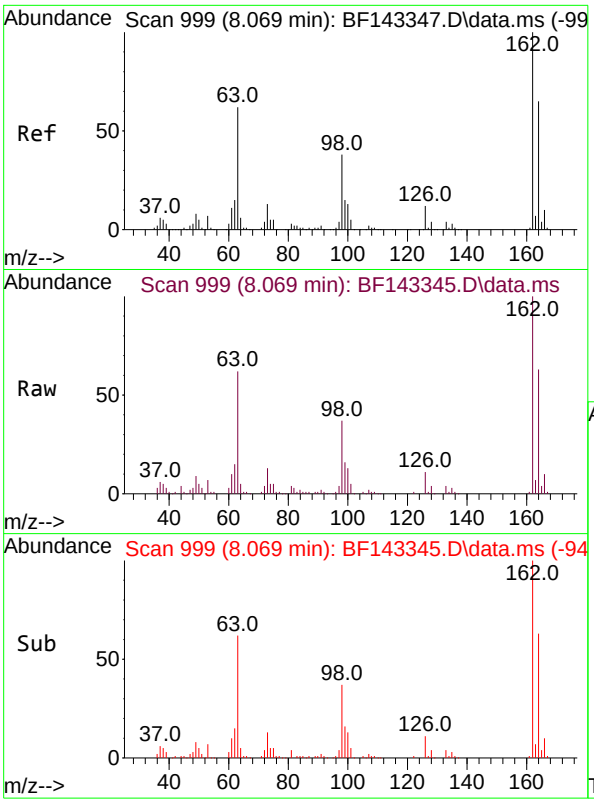


#28
bis(2-Chloroethoxy)methane
Concen: 10.232 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 93 Resp: 123627

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.3	9.4	14.2

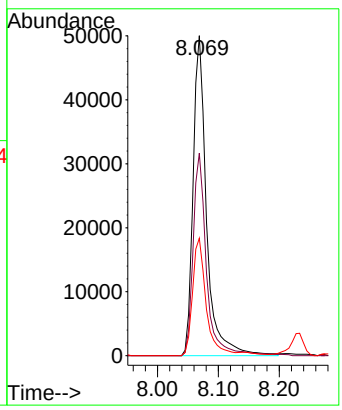




#29
2,4-Dichlorophenol
Concen: 9.568 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:162 Resp: 7715

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.5	84.5
98	36.7	17.7	57.7



Instrument :
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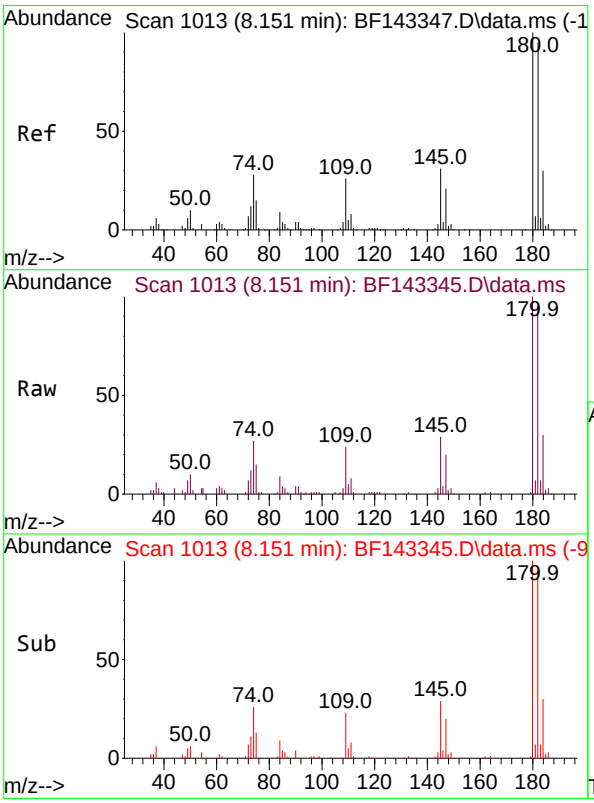
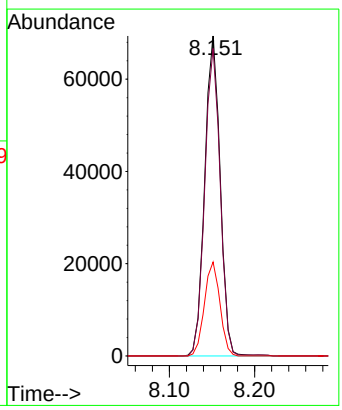
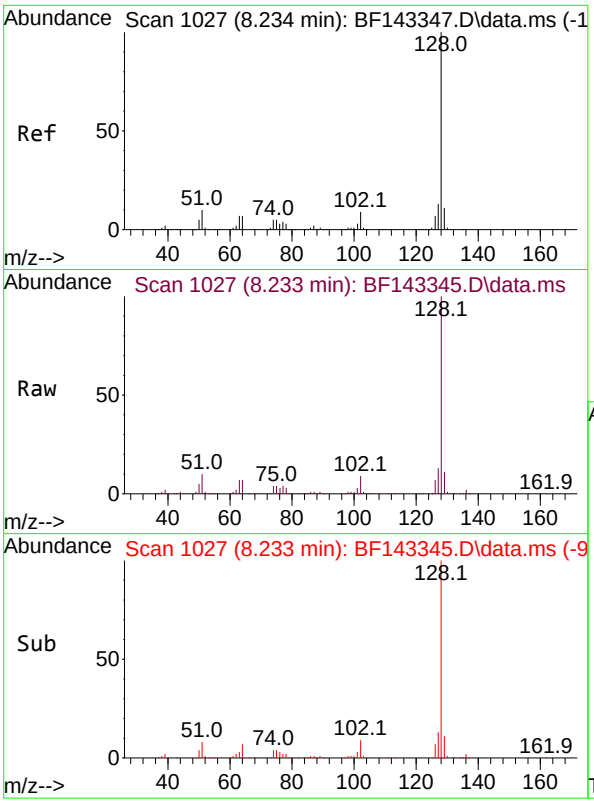


#30
1,2,4-Trichlorobenzene
Concen: 10.274 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:180 Resp: 87392

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.1	114.1
145	29.4	24.9	37.3

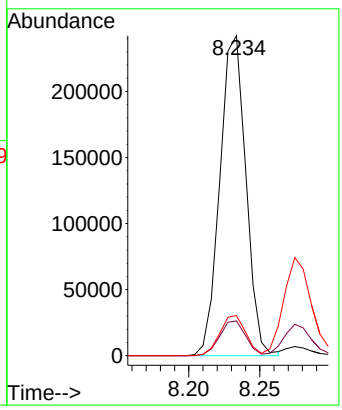




#31
Naphthalene
Concen: 10.634 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:128 Resp: 30890

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	12.6	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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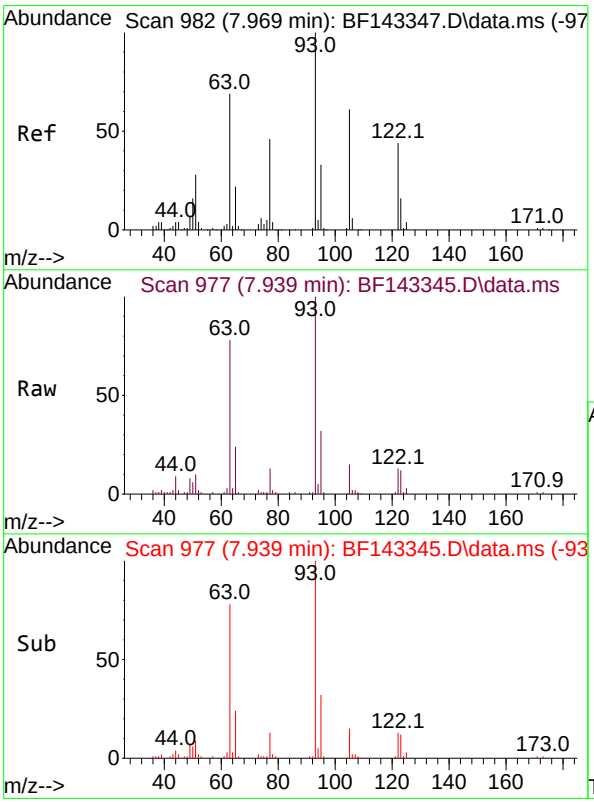
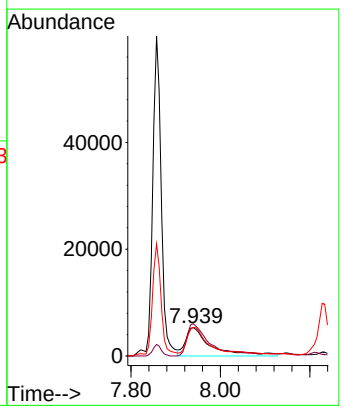
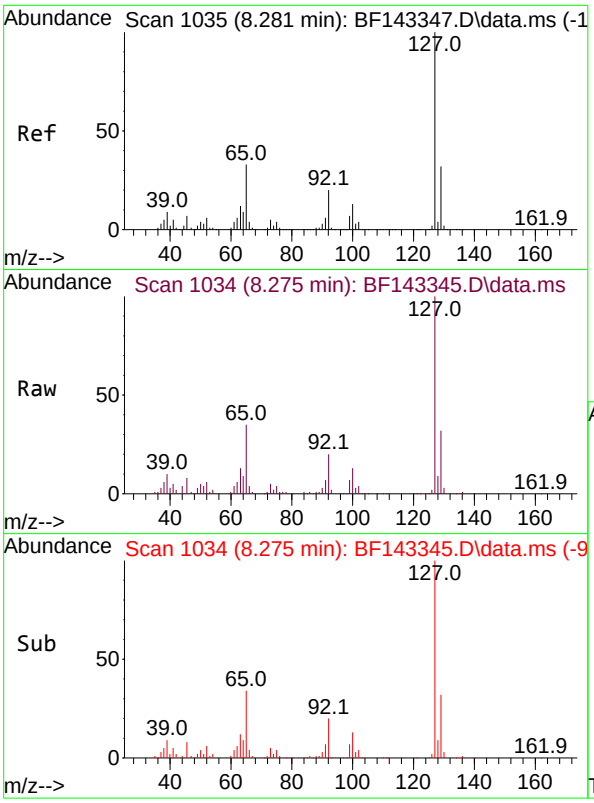


#32
Benzoic acid
Concen: 10.319 ng m
RT: 7.939 min Scan# 977
Delta R.T. -0.030 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:122 Resp: 20894

Ion	Ratio	Lower	Upper
122	100		
105	113.7	106.4	146.4
77	101.1	79.2	119.2

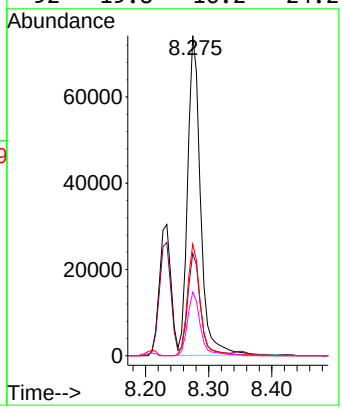




#33
4-Chloroaniline
Concen: 10.079 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:127 Resp: 10560

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	34.8	27.0	40.4
92	19.8	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
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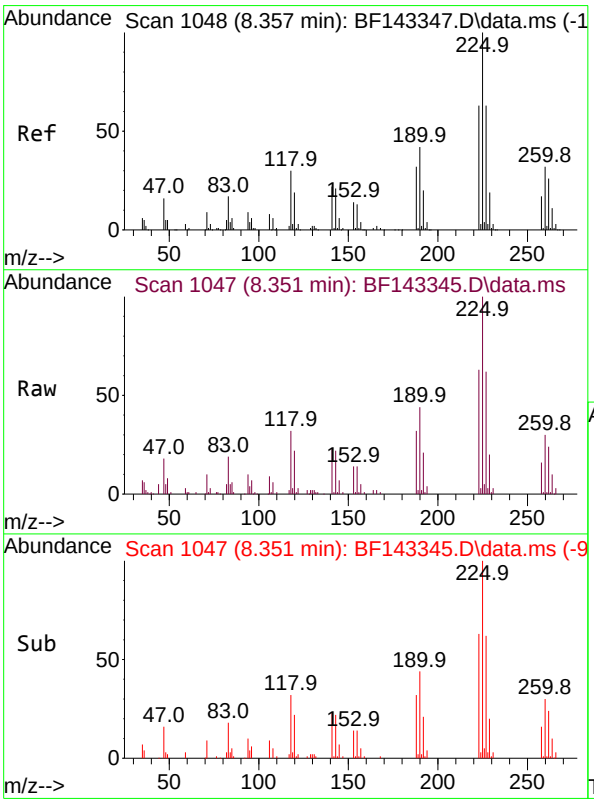
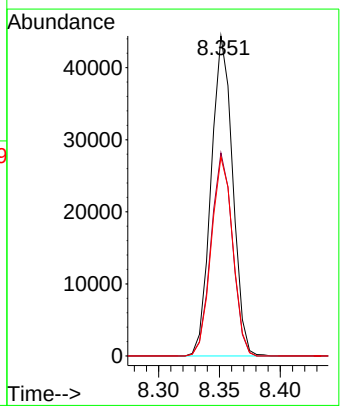
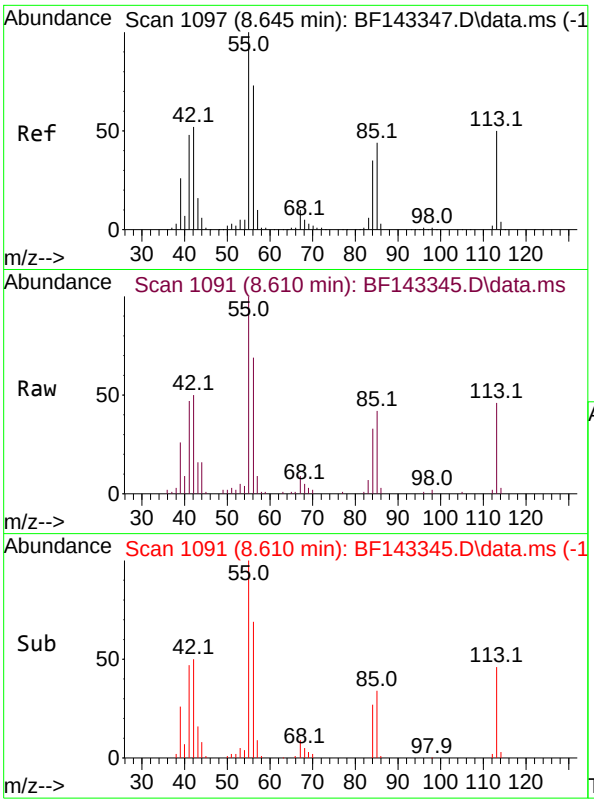


#34
Hexachlorobutadiene
Concen: 10.321 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:225 Resp: 54615

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.1	75.1
227	62.1	50.6	75.8

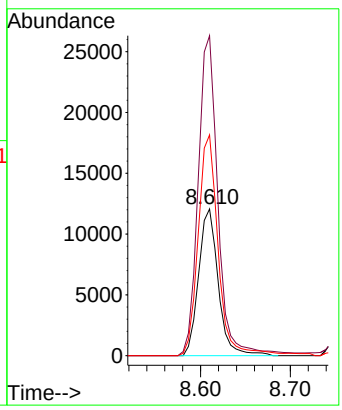




#35
Caprolactam
Concen: 8.098 ng
RT: 8.610 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:113 Resp: 1835

Ion	Ratio	Lower	Upper
113	100		
55	218.1	181.4	221.4
56	150.5	127.3	167.3



Instrument :
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ClientSampleId :
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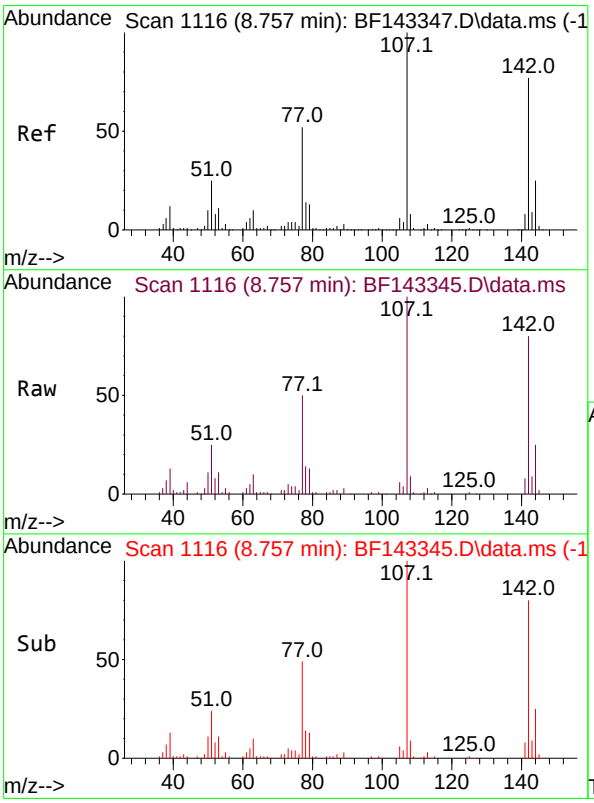
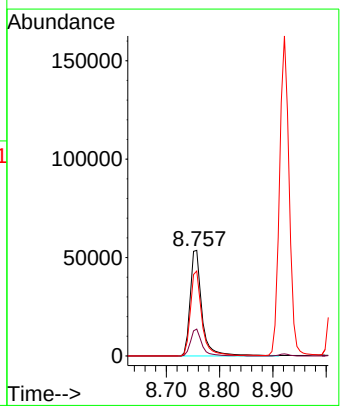
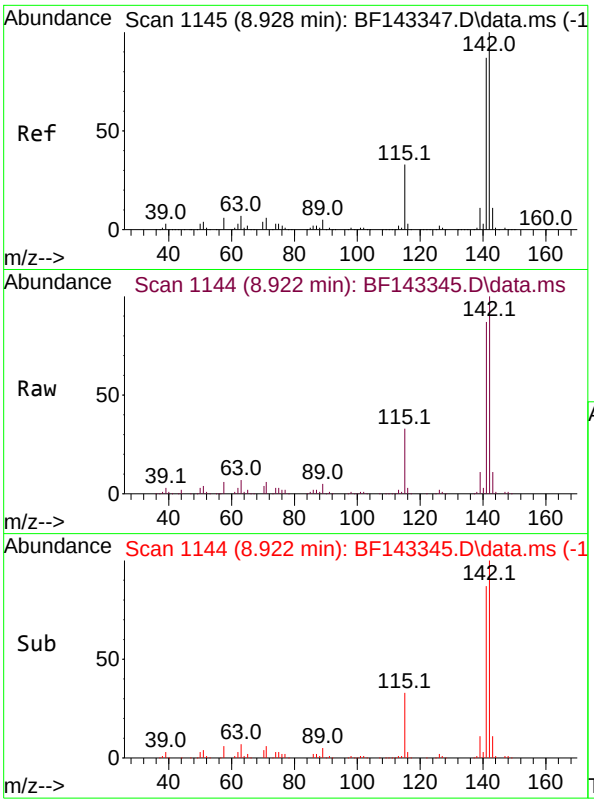


#36
4-Chloro-3-methylphenol
Concen: 9.780 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:107 Resp: 82681

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.0	30.0
142	80.4	61.3	91.9





#37
2-Methylnaphthalene
Concen: 10.641 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:142 Resp: 20320

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.8	104.8

Instrument :
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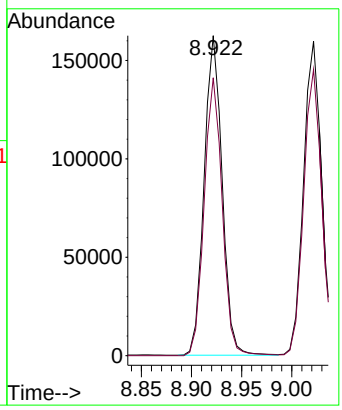
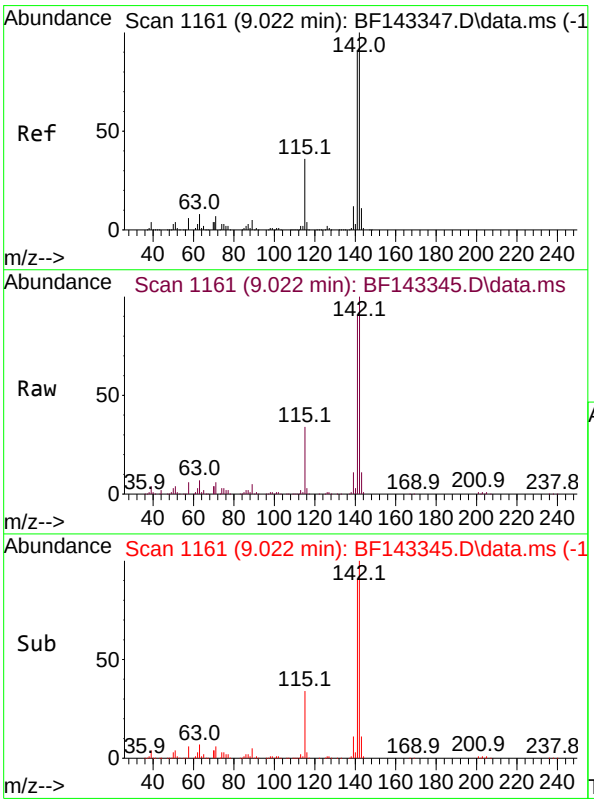
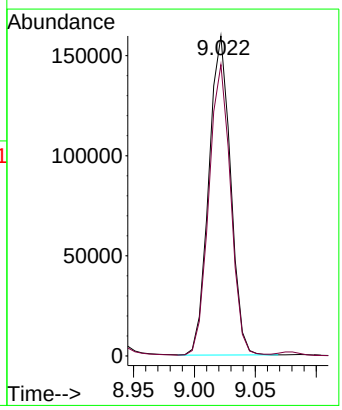


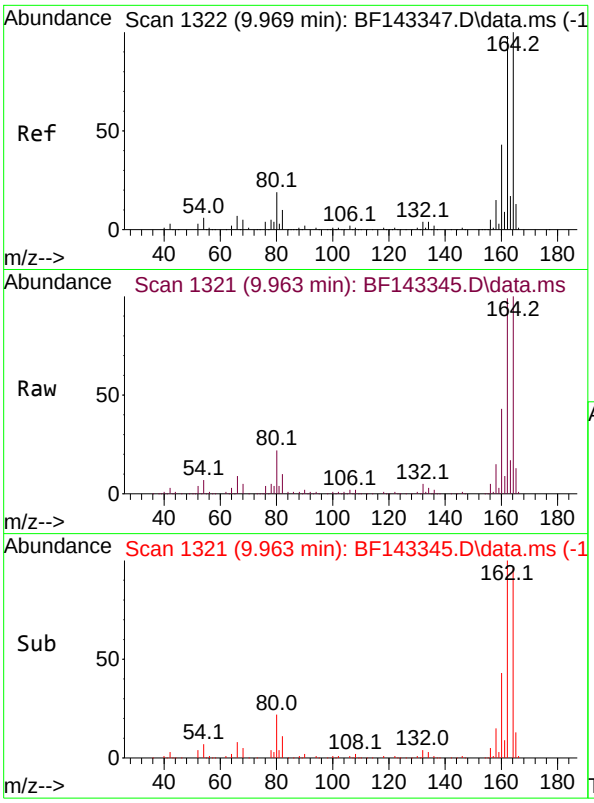


#38
1-Methylnaphthalene
Concen: 10.738 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:142 Resp: 197497

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.4

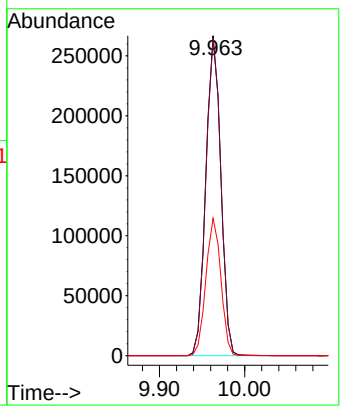




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:164 Resp: 32630

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.6	118.0
160	42.9	34.4	51.6



Instrument :
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ClientSampleId :
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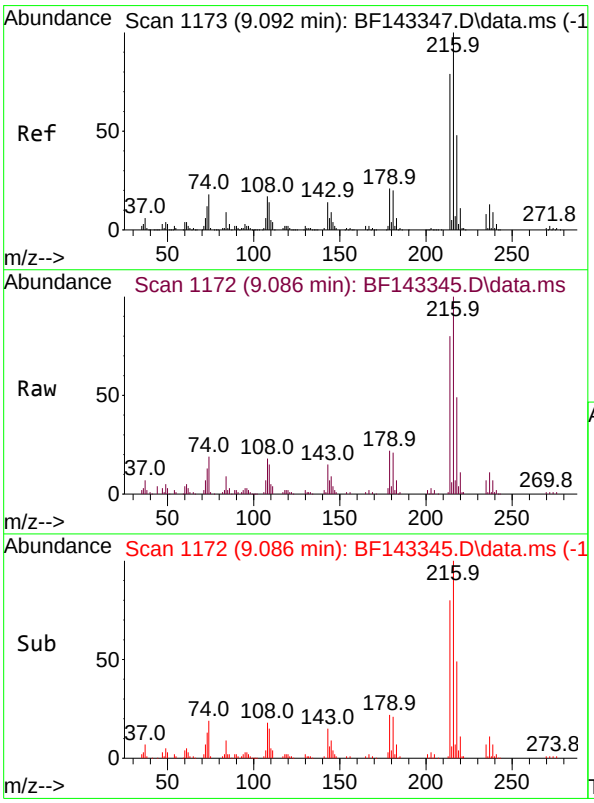
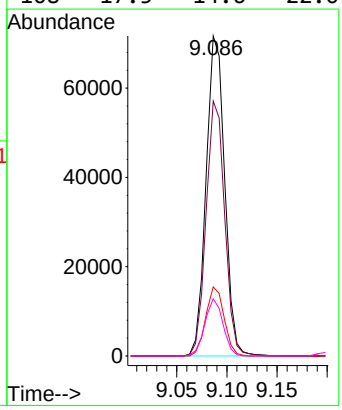
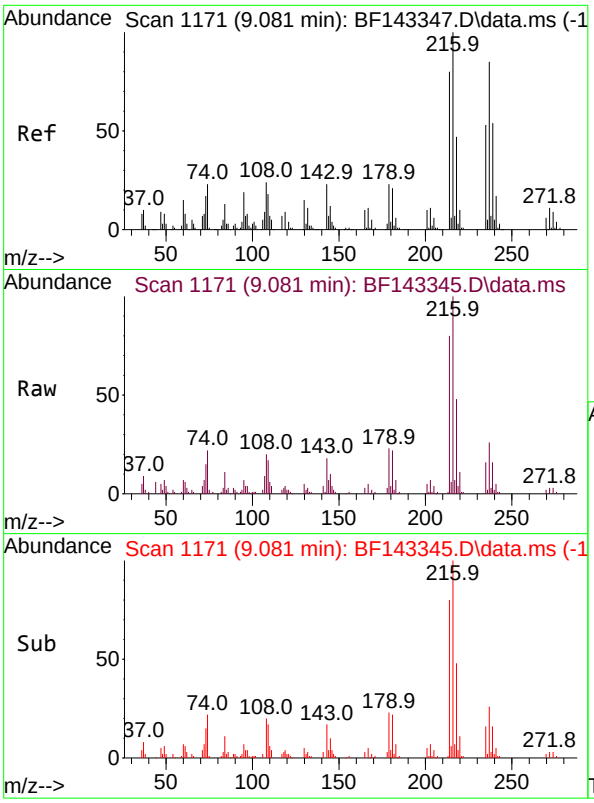


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.338 ng
RT: 9.086 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:216 Resp: 92307

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	21.3	17.0	25.4
108	17.5	14.6	22.0





#41
Hexachlorocyclopentadiene
Concen: 10.801 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:237 Resp: 1434

Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.0	82.0
272	12.9	0.0	32.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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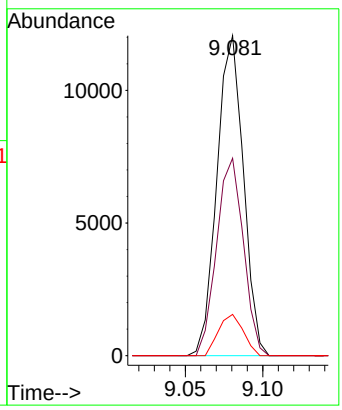
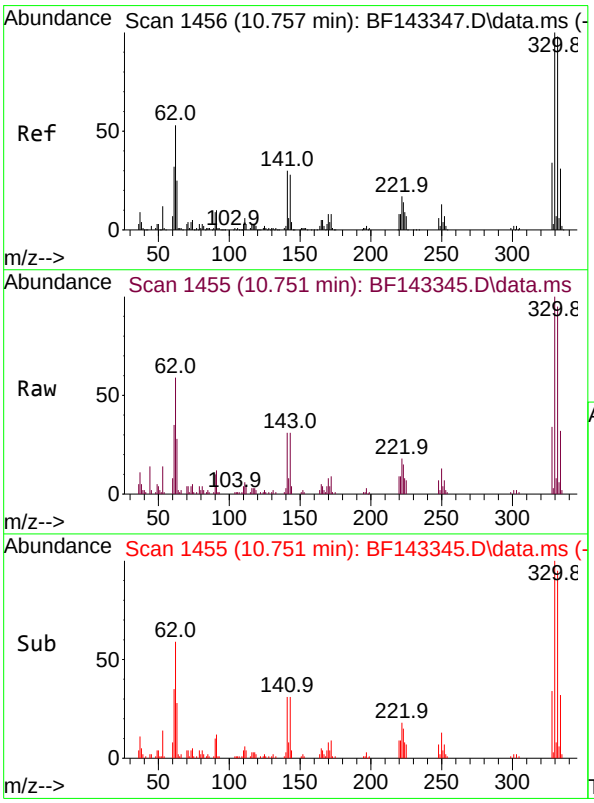
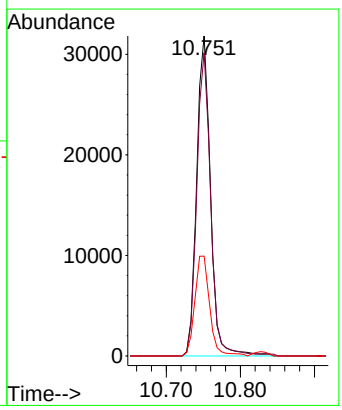


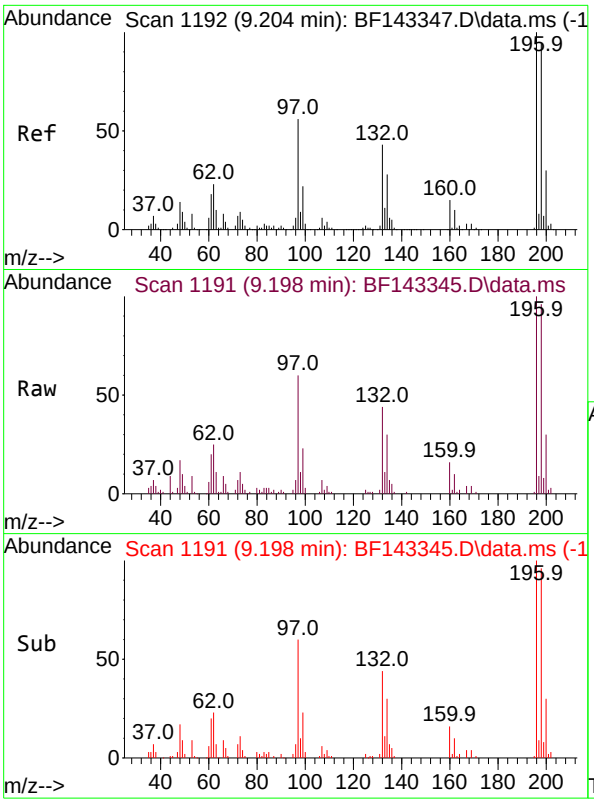


#42
2,4,6-Tribromophenol
Concen: 17.317 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:330 Resp: 41296

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.1	117.1
141	33.4	25.4	38.0

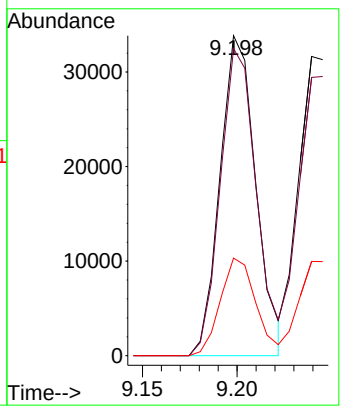




#43
2,4,6-Trichlorophenol
Concen: 8.769 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:196 Resp: 4442

Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.4	113.0
200	30.5	24.3	36.5



Instrument :
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ClientSampleId :
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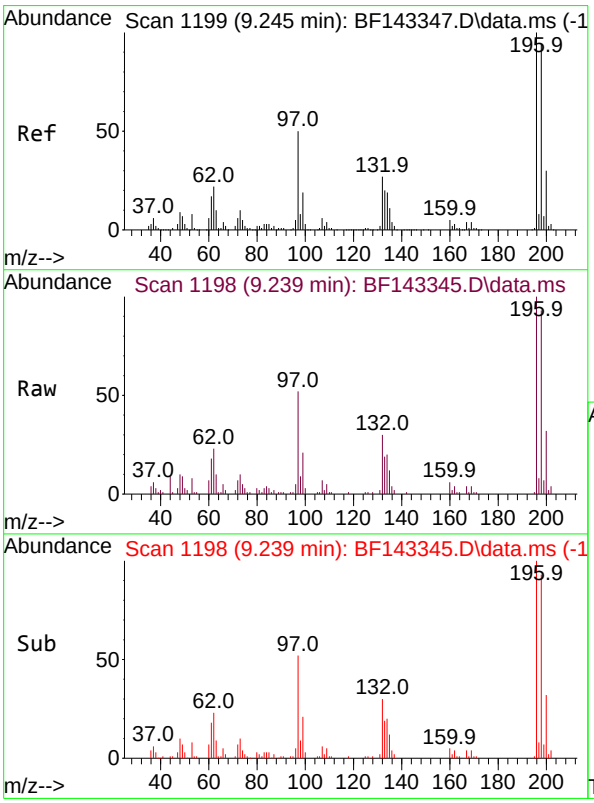
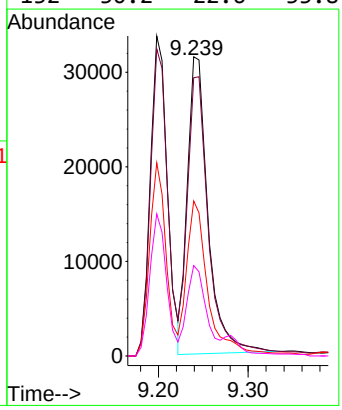
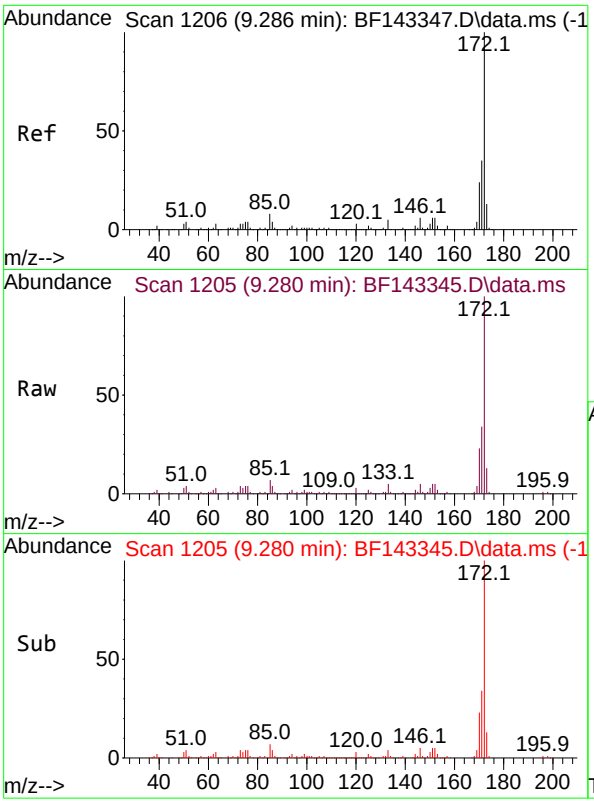


#44
2,4,5-Trichlorophenol
Concen: 8.786 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:196 Resp: 50263

Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.4	113.2
97	51.8	39.9	59.9
132	30.2	22.6	33.8

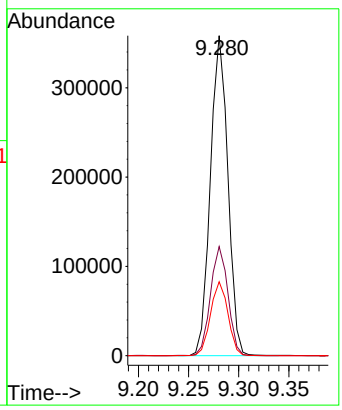




#45
2-Fluorobiphenyl
Concen: 22.583 ng
RT: 9.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:172 Resp: 43455

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.4	42.6
170	23.1	19.1	28.7



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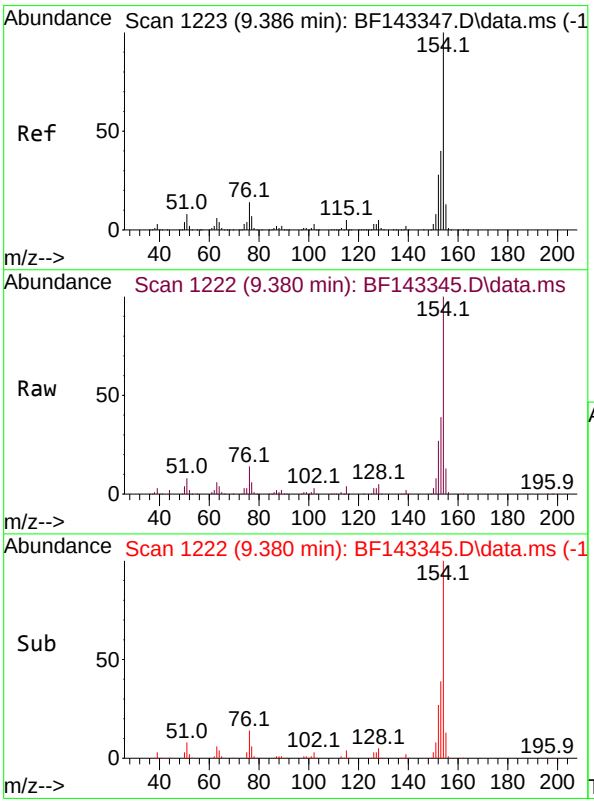
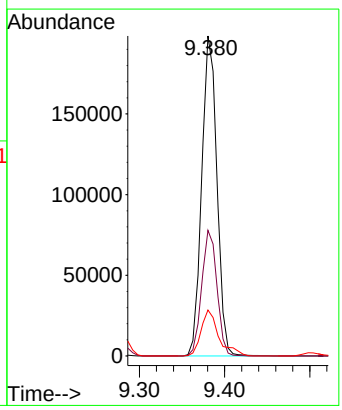
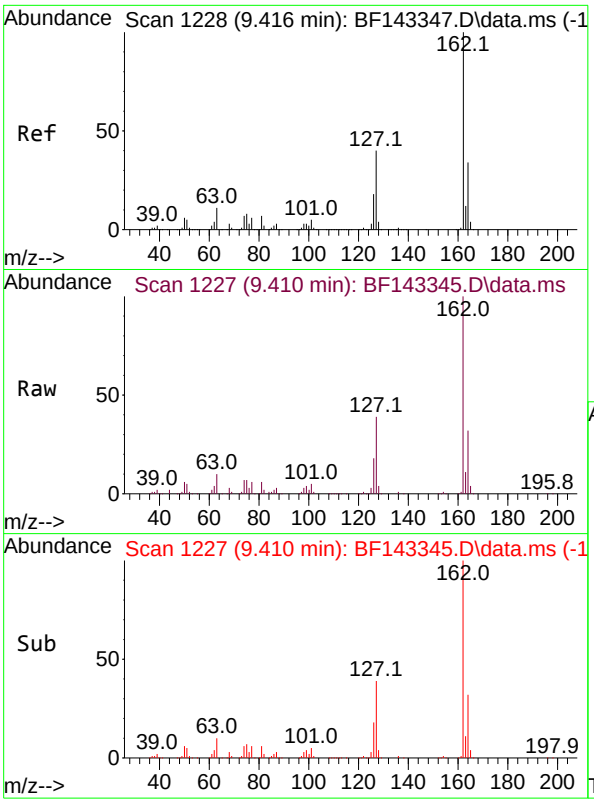


#46
1,1'-Biphenyl
Concen: 10.647 ng
RT: 9.380 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:154 Resp: 245641

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.2	60.2
76	14.4	0.0	34.4

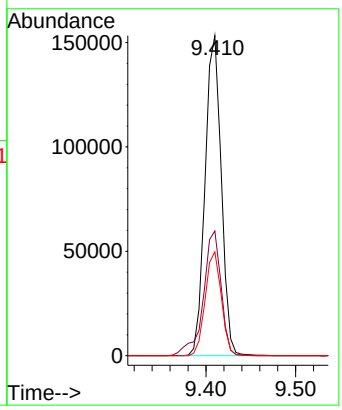




#47
2-Chloronaphthalene
Concen: 10.556 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:162 Resp: 19180

Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.1	48.1
164	32.5	27.0	40.4



Instrument :
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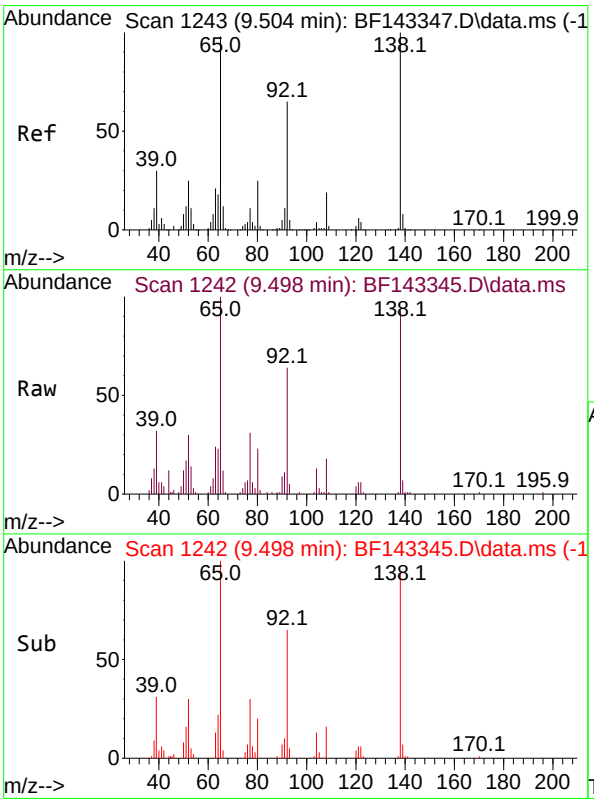
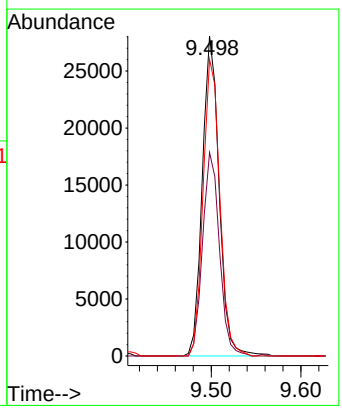
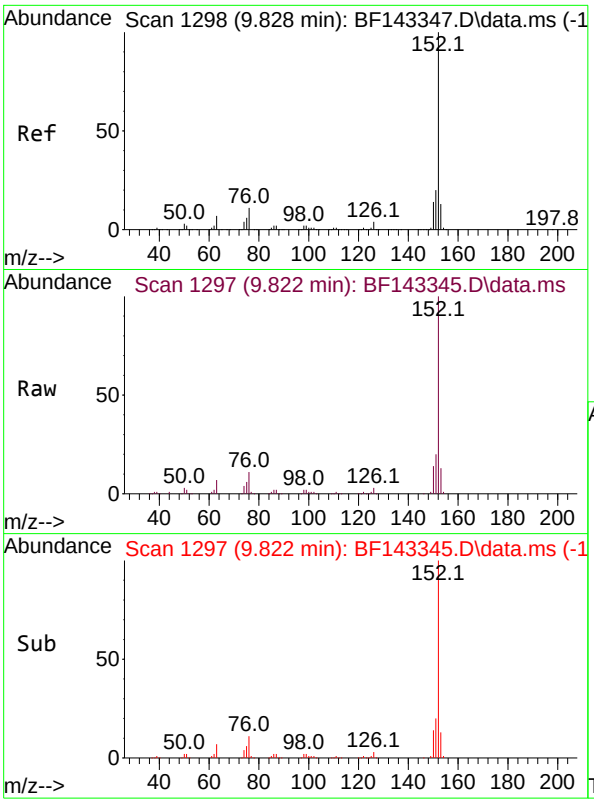


#48
2-Nitroaniline
Concen: 9.319 ng
RT: 9.498 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 65 Resp: 36444

Ion	Ratio	Lower	Upper
65	100		
92	63.6	53.1	79.7
138	92.7	81.4	122.0





#49
Acenaphthylene
Concen: 10.459 ng
RT: 9.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 27444

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.0	10.6	16.0

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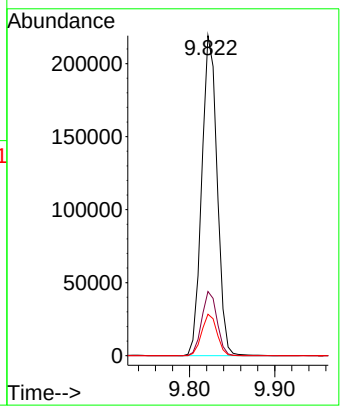
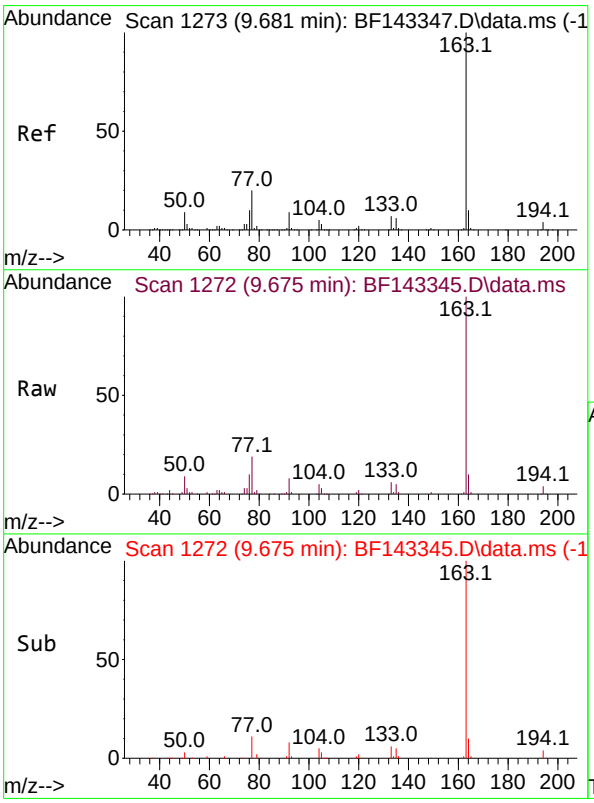
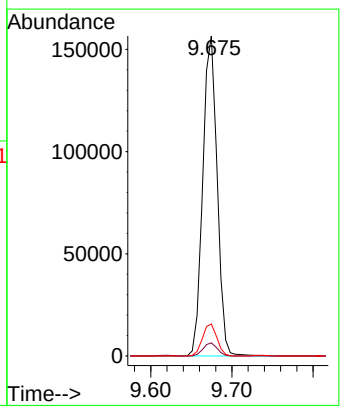


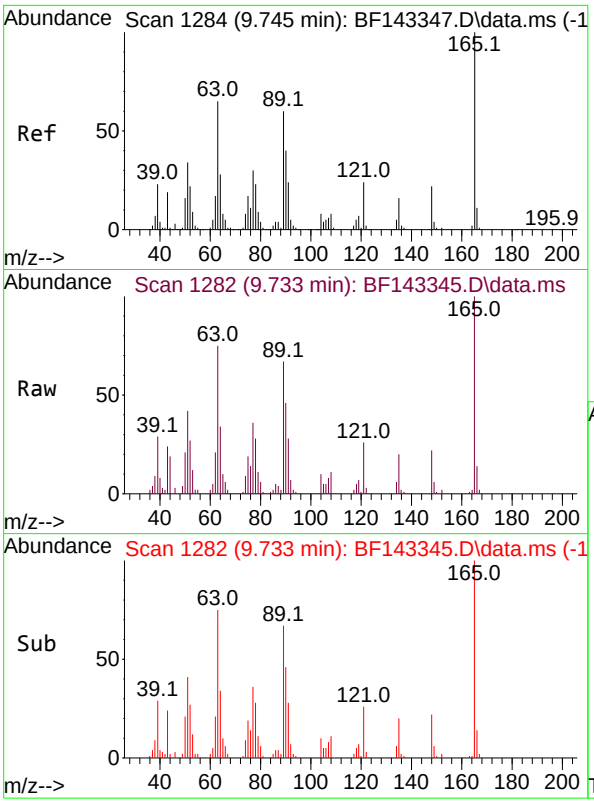


#50
Dimethylphthalate
Concen: 10.081 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:163 Resp: 192210

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 9.205 ng
RT: 9.733 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:165 Resp: 2400

Ion	Ratio	Lower	Upper
165	100		
63	74.8	51.6	77.4
89	67.3	47.7	71.5

Instrument :
BNA_F
ClientSampleId :
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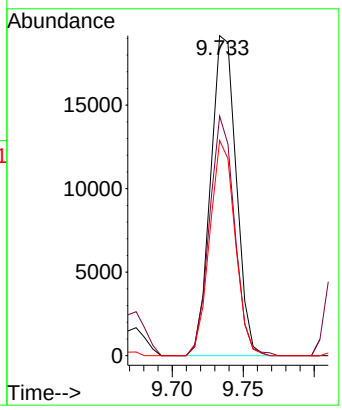
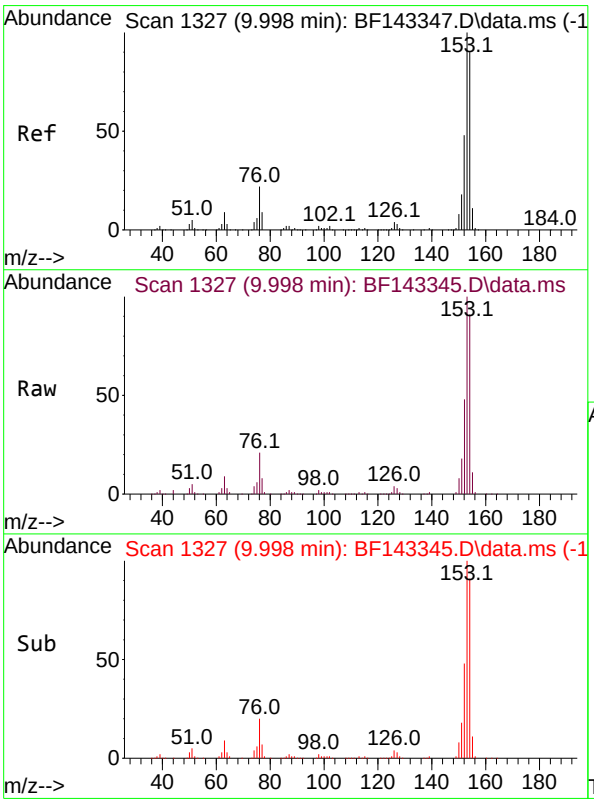
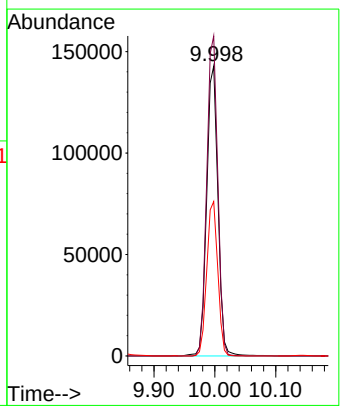


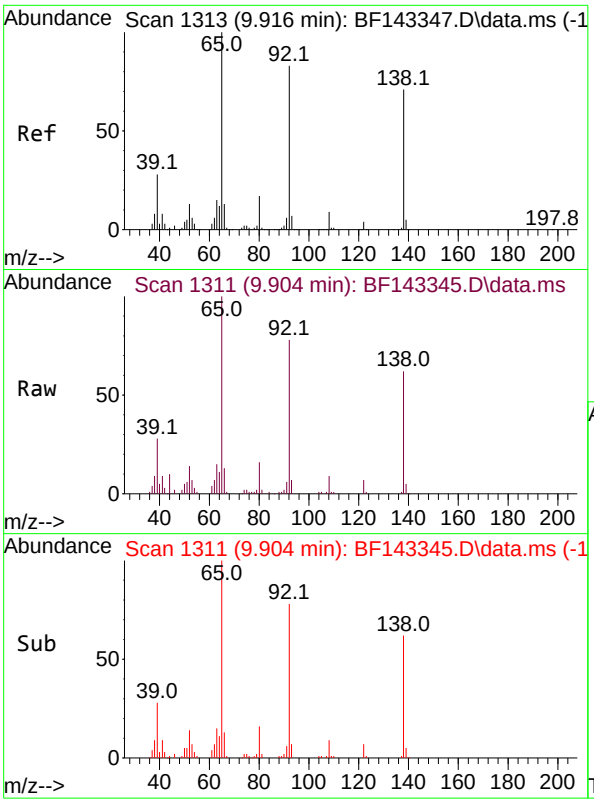


#52
Acenaphthene
Concen: 10.543 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:154 Resp: 183915

Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.5	132.7
152	53.3	42.4	63.6

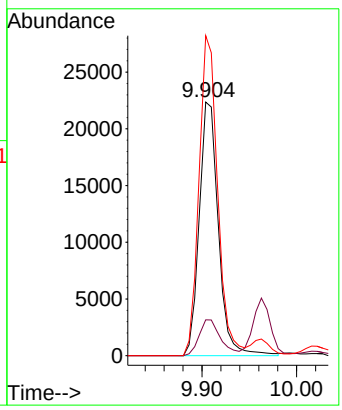




#53
3-Nitroaniline
Concen: 8.069 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:138 Resp: 3150

Ion	Ratio	Lower	Upper
138	100		
108	14.1	9.6	14.4
92	126.2	93.4	140.2



Instrument :
BNA_F
ClientSampleId :
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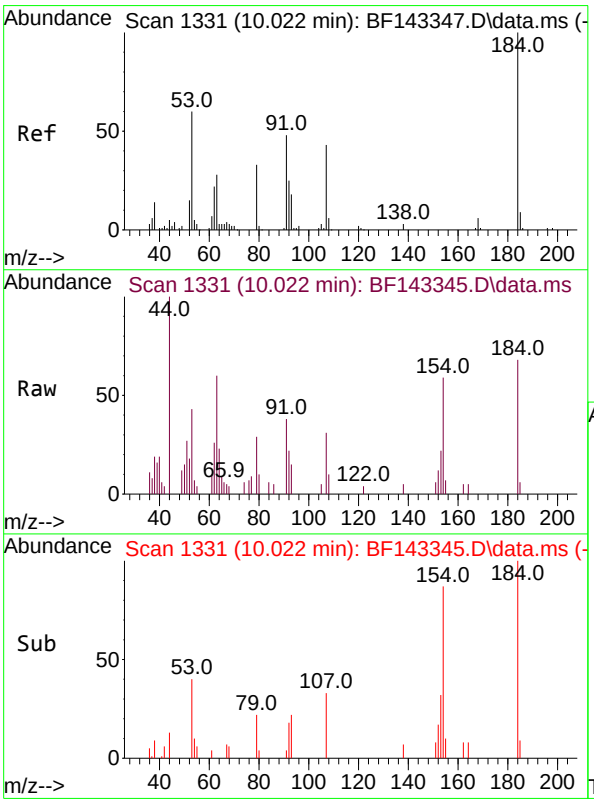
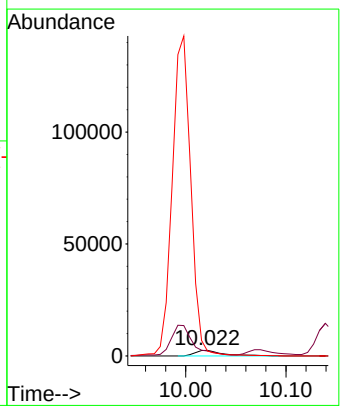
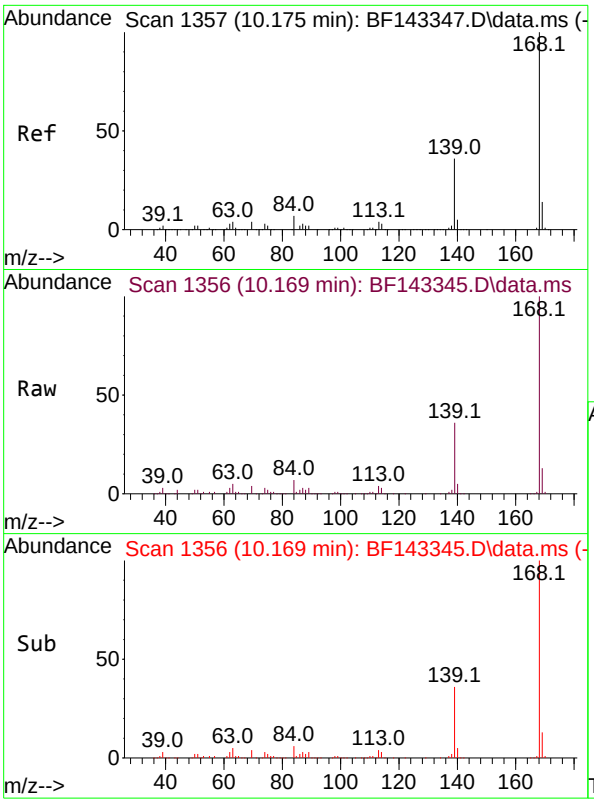


#54
2,4-Dinitrophenol
Concen: 10.356 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:184 Resp: 4834

Ion	Ratio	Lower	Upper
184	100		
63	88.5	62.5	93.7
154	87.3	73.0	109.4

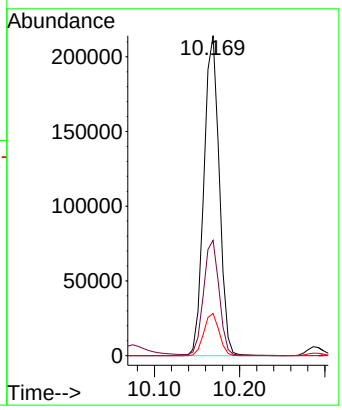




#55
Dibenzofuran
Concen: 10.660 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:168 Resp: 26765

Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.4	44.0
169	13.2	11.0	16.6



Instrument :
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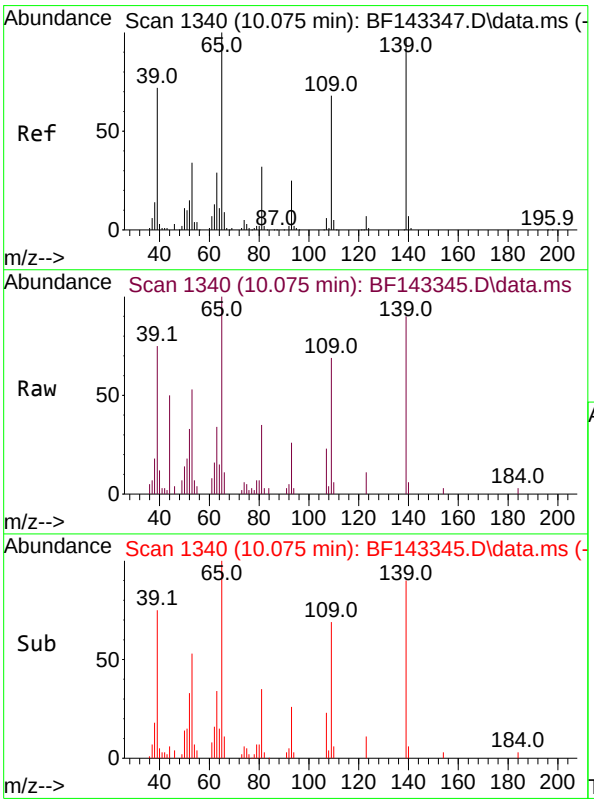
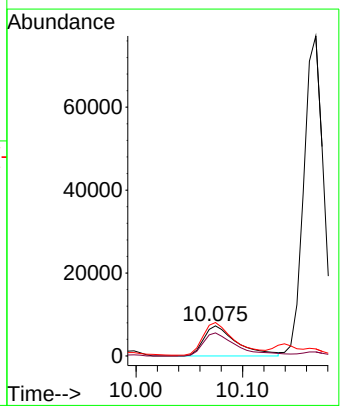
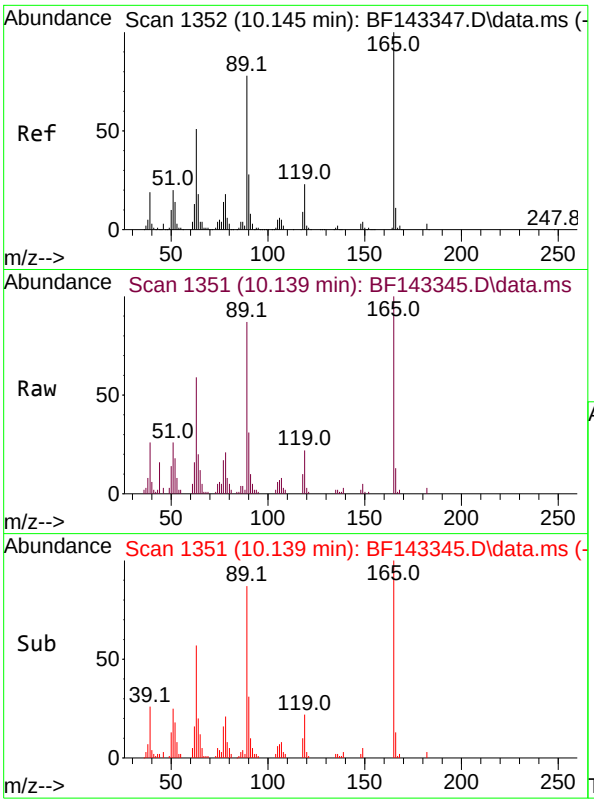


#56
4-Nitrophenol
Concen: 10.166 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:139 Resp: 15708

Ion	Ratio	Lower	Upper
139	100		
109	76.4	49.4	89.4
65	111.1	83.7	123.7

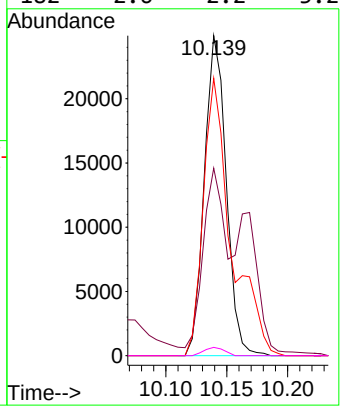




#57
2,4-Dinitrotoluene
Concen: 9.126 ng
RT: 10.139 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:165 Resp: 3122

Ion	Ratio	Lower	Upper
165	100		
63	58.6	41.8	62.8
89	86.7	62.4	93.6
182	2.6	2.2	3.2



Instrument :
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ClientSampleId :
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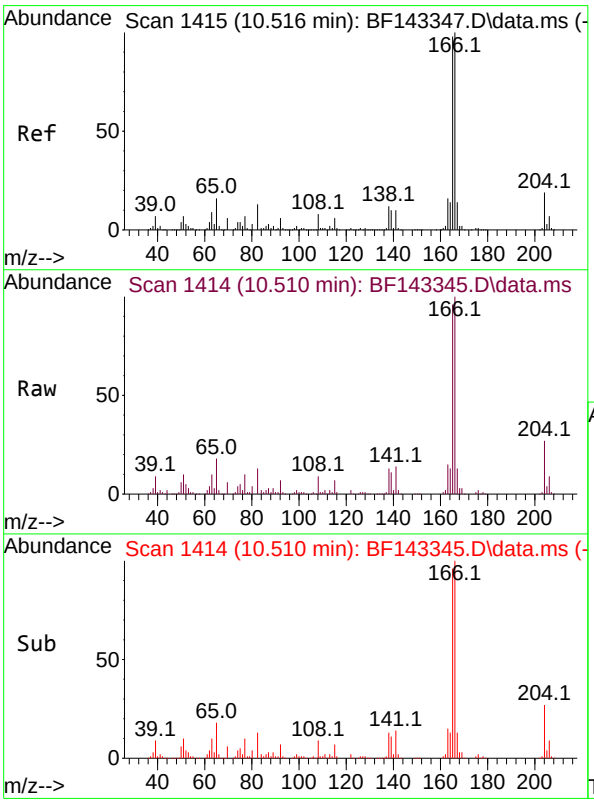
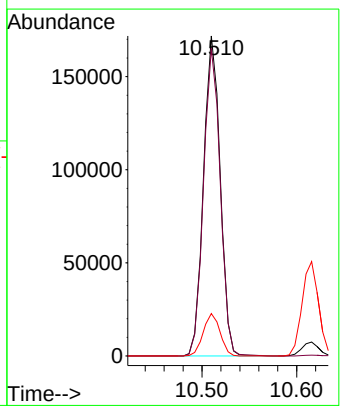
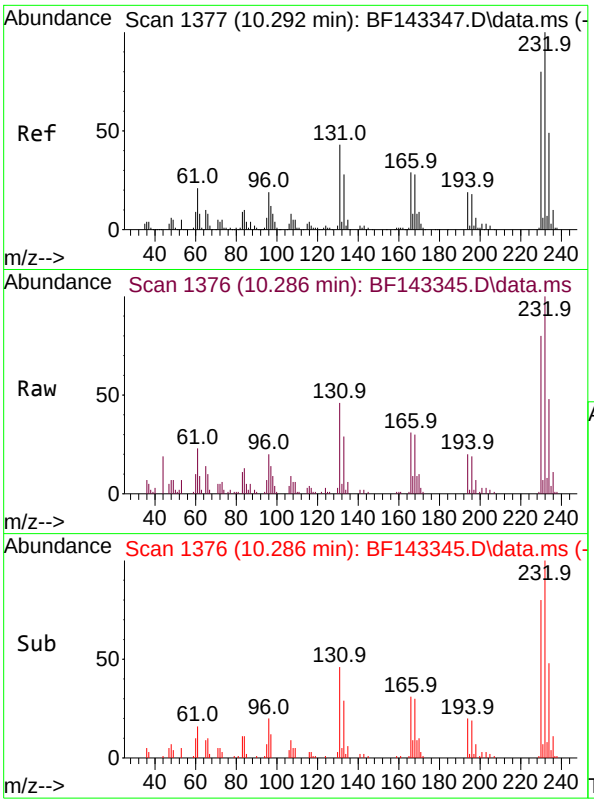


#58
Fluorene
Concen: 10.959 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:166 Resp: 210161

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.2	117.4
167	13.3	10.9	16.3

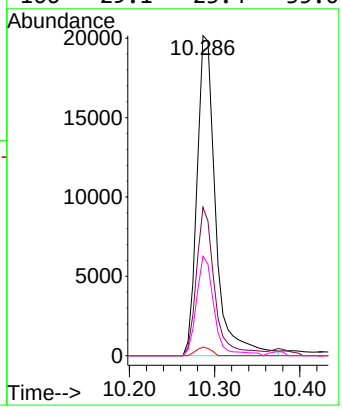




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.955 ng
RT: 10.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:232 Resp: 3068

Ion	Ratio	Lower	Upper
232	100		
131	45.6	34.6	51.8
130	2.1	1.7	2.5
166	29.1	23.4	35.0



Instrument :
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ClientSampleId :
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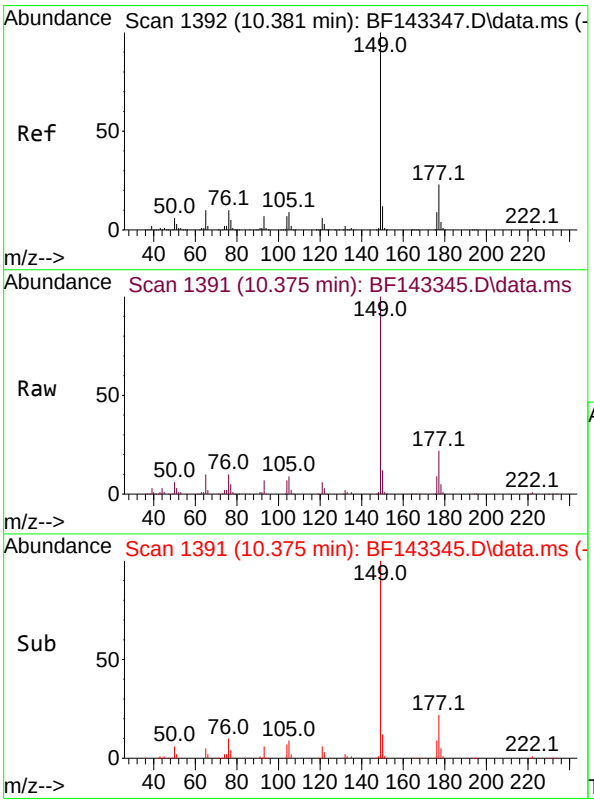
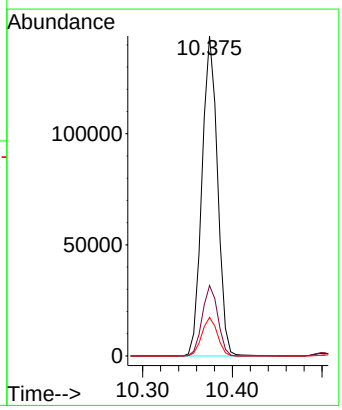
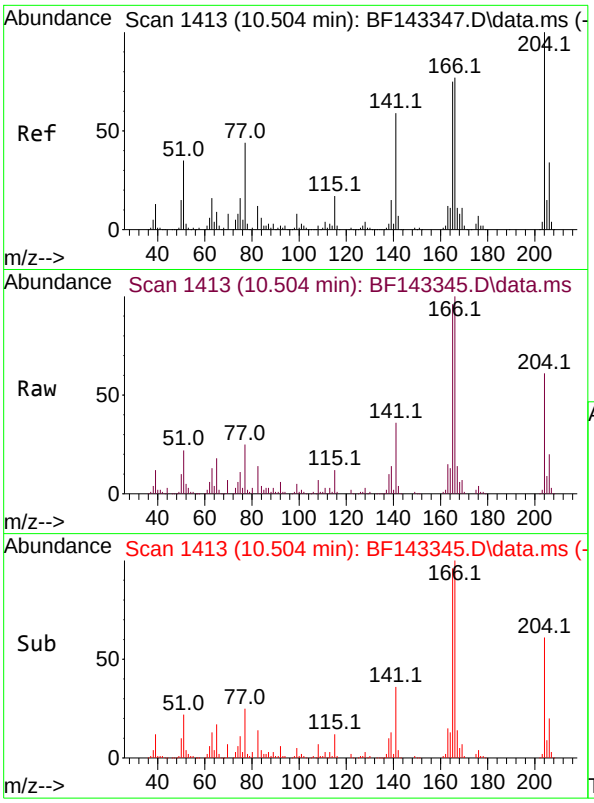


#60
Diethylphthalate
Concen: 10.137 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:149 Resp: 173119

Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	12.0	9.9	14.9

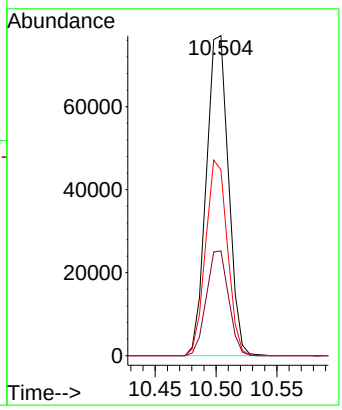




#61
4-Chlorophenyl-phenylether
Concen: 10.575 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:204 Resp: 9798

Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.4	41.2
141	58.0	46.9	70.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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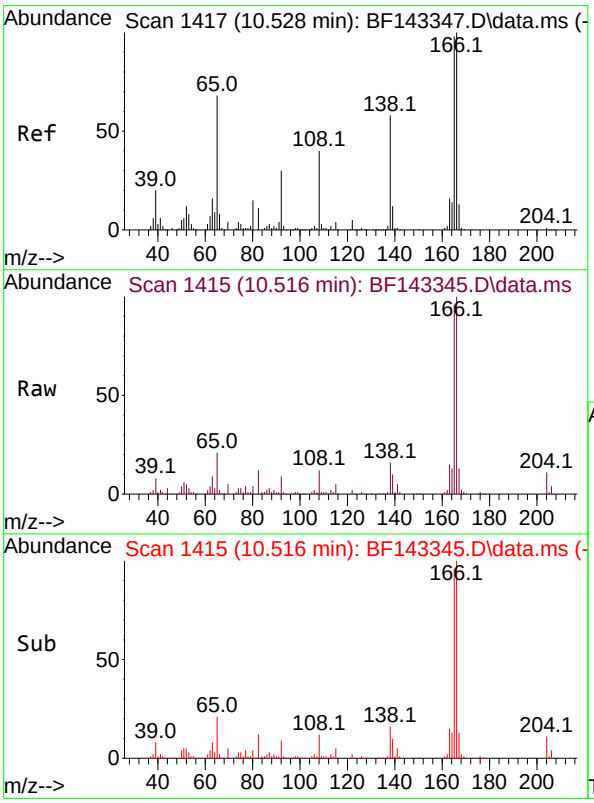
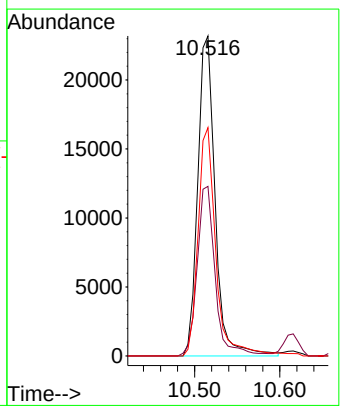
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

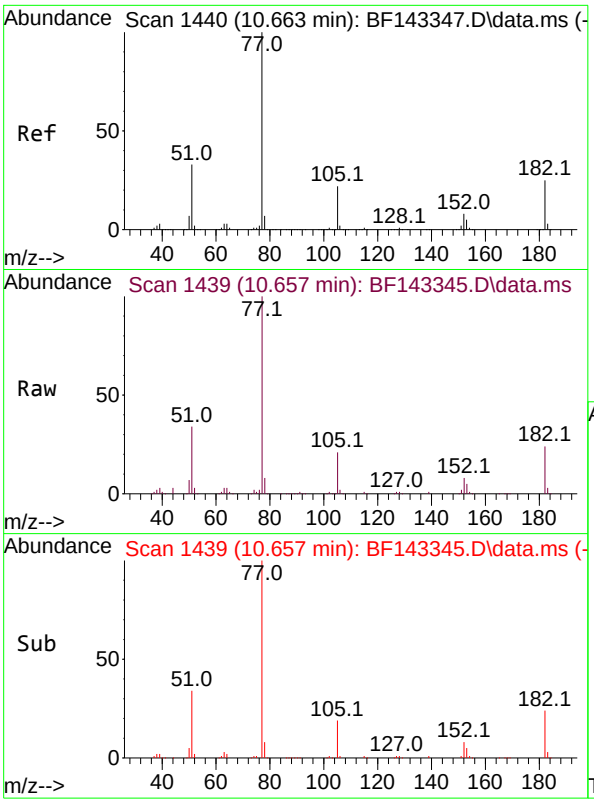


#62
4-Nitroaniline
Concen: 8.714 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:138 Resp: 32919

Ion	Ratio	Lower	Upper
138	100		
92	53.0	31.2	71.2
108	71.4	48.1	88.1

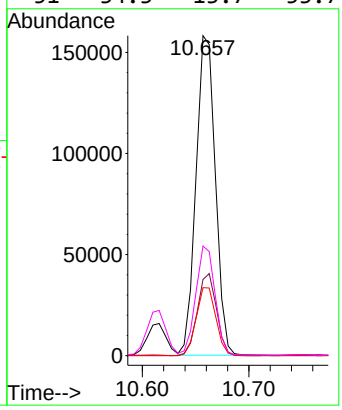




#63
Azobenzene
Concen: 10.272 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 77 Resp: 20036

Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.4	44.4
105	21.3	1.8	41.8
51	34.3	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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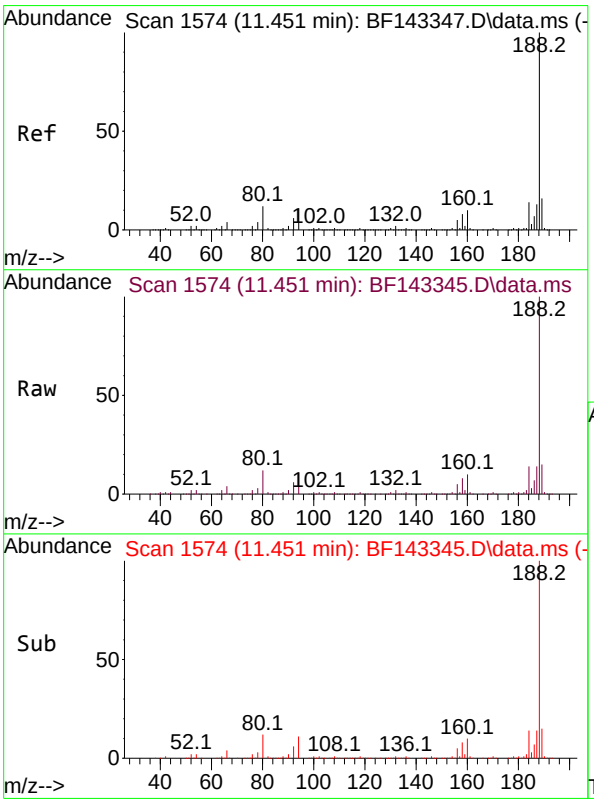
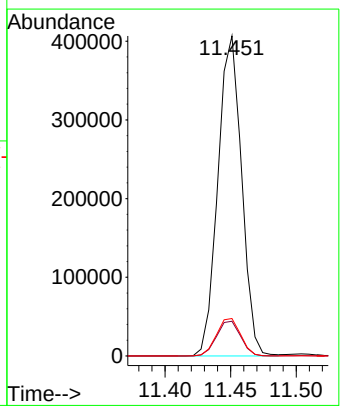
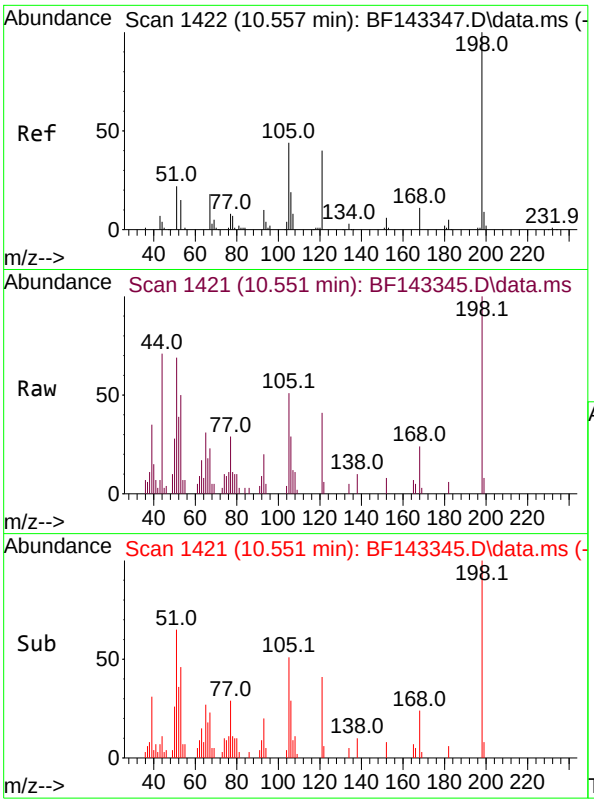


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:188 Resp: 511556

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.8	13.2
80	11.7	9.7	14.5





#65
4,6-Dinitro-2-methylphenol
Concen: 11.085 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:198 Resp: 932

Ion	Ratio	Lower	Upper
198	100		
51	68.6	41.7	81.7
105	50.8	26.8	66.8

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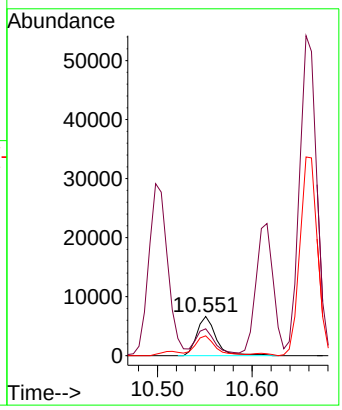
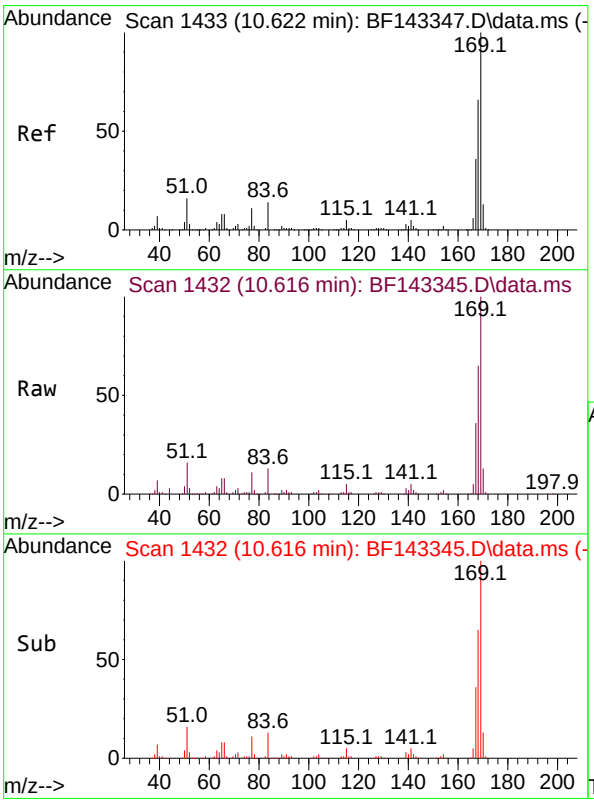
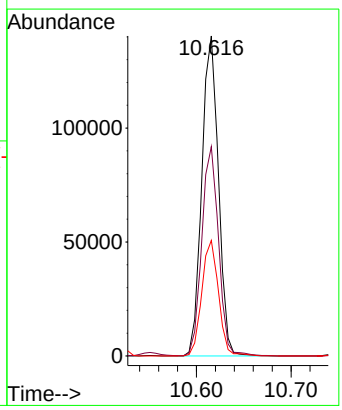


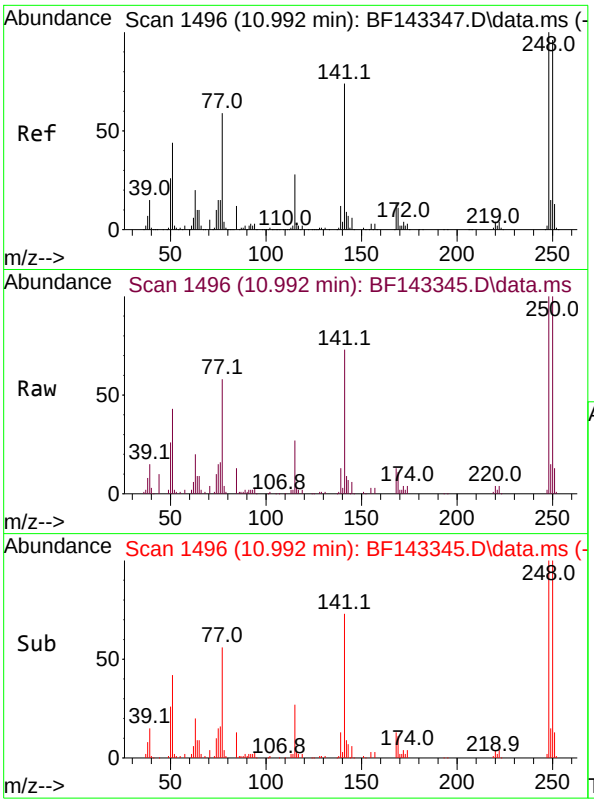


#66
n-Nitrosodiphenylamine
Concen: 10.169 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:169 Resp: 171289

Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.7	79.1
167	36.1	28.6	42.8

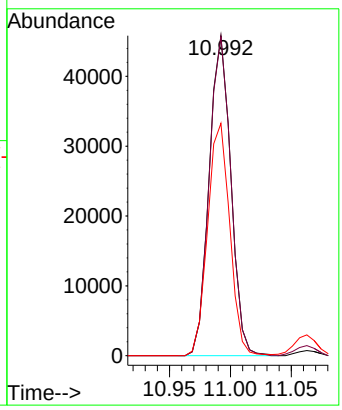




#67
4-Bromophenyl-phenylether
Concen: 9.712 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:248 Resp: 5681

Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.1	115.7
141	72.6	59.1	88.7



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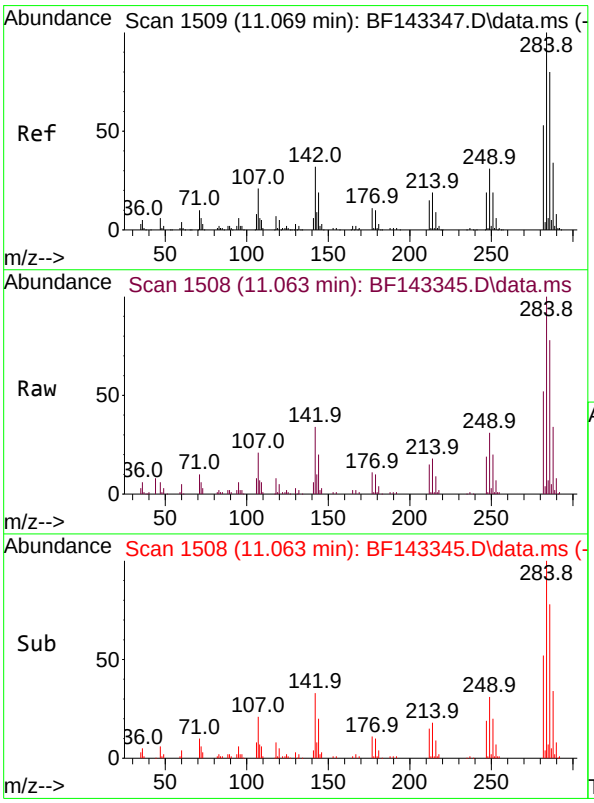
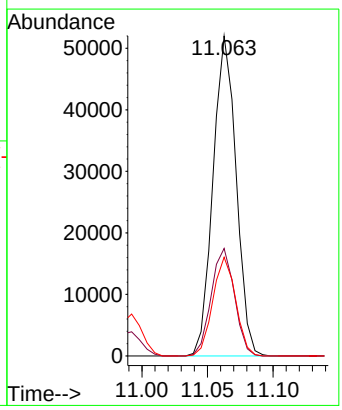
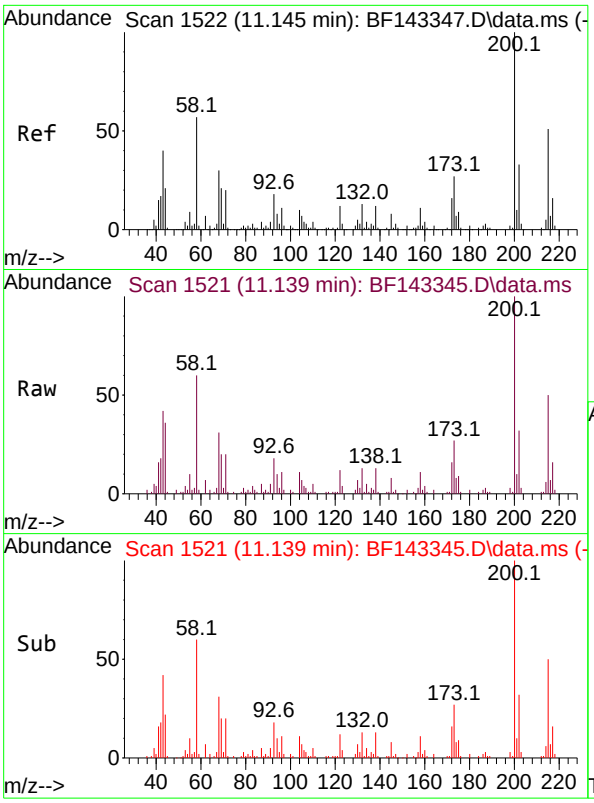


#68
Hexachlorobenzene
Concen: 10.091 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:284 Resp: 63639

Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.7	38.5
249	30.9	24.6	37.0

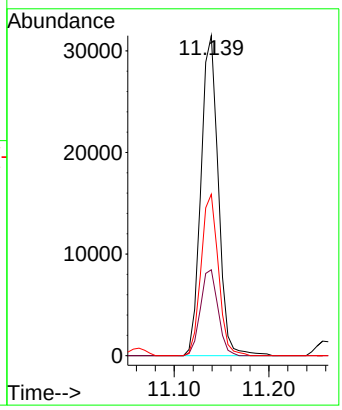




#69
Atrazine
Concen: 9.133 ng
RT: 11.139 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:200 Resp: 4012

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	50.5	30.6	70.6



Instrument :
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ClientSampleId :
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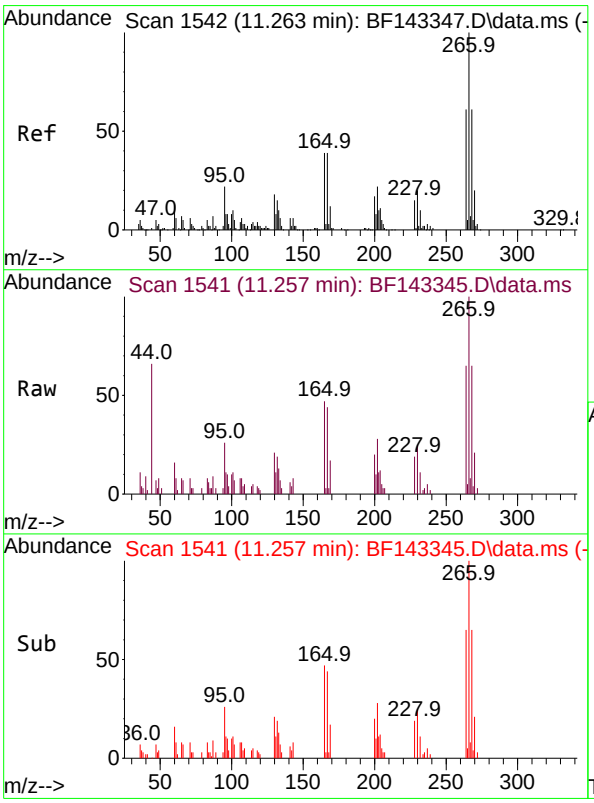
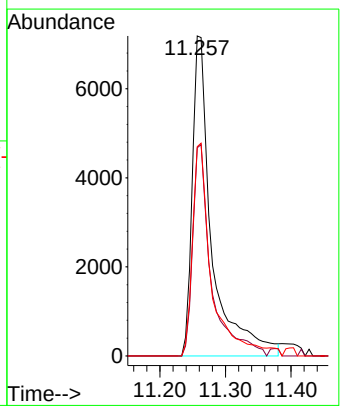
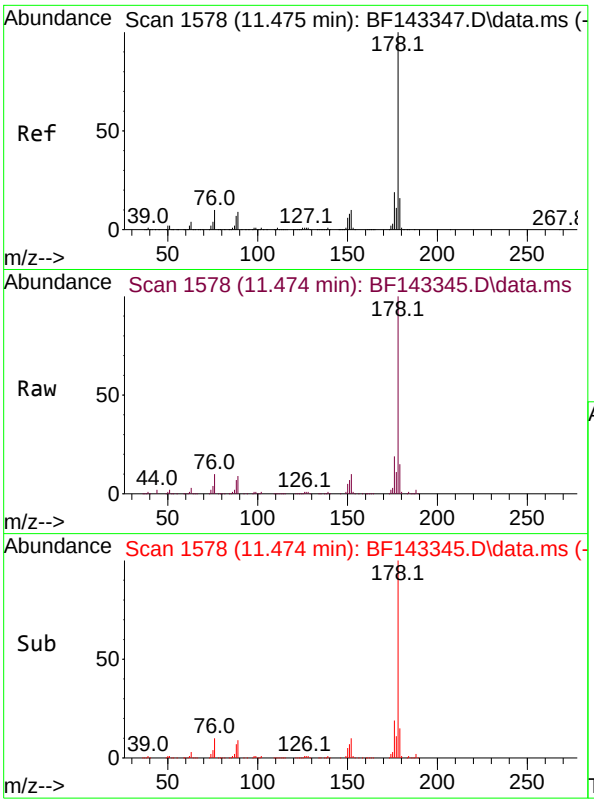


#70
Pentachlorophenol
Concen: 10.407 ng
RT: 11.257 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:266 Resp: 14951

Ion	Ratio	Lower	Upper
266	100		
268	65.0	48.8	73.2
264	65.4	48.8	73.2

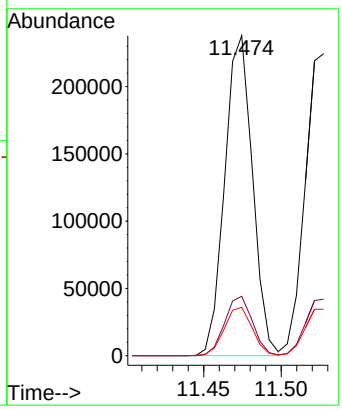




#71
Phenanthrene
Concen: 10.620 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:178 Resp: 29641

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	15.1	12.5	18.7



Instrument :
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ClientSampleId :
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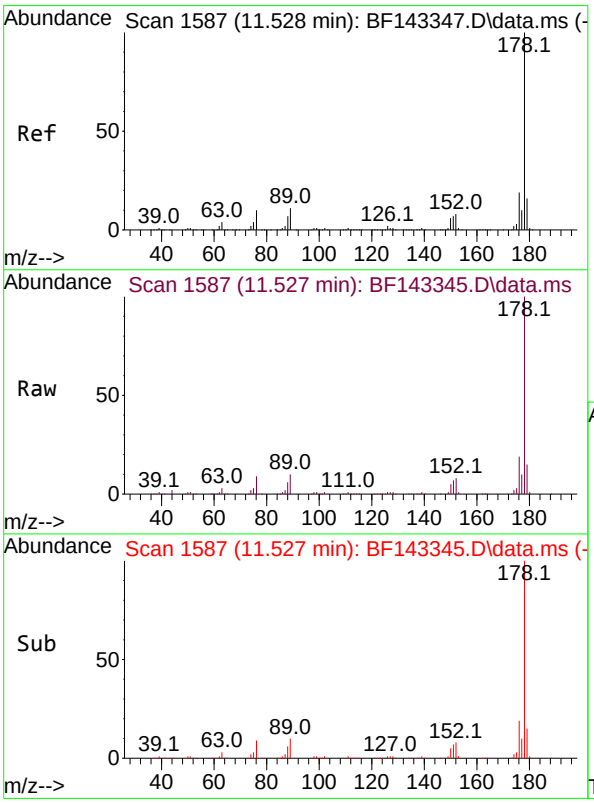
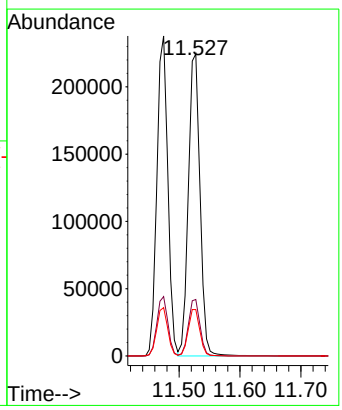
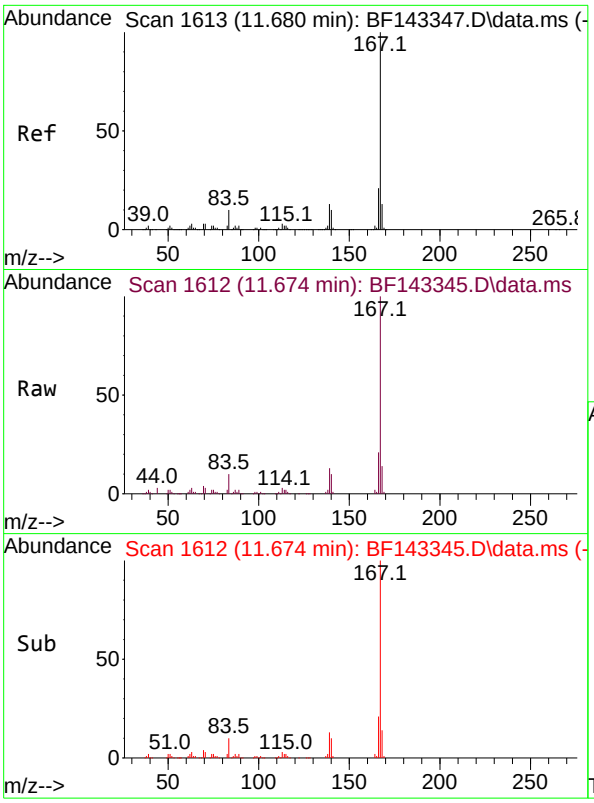


#72
Anthracene
Concen: 10.559 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:178 Resp: 298872

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.4	12.7	19.1

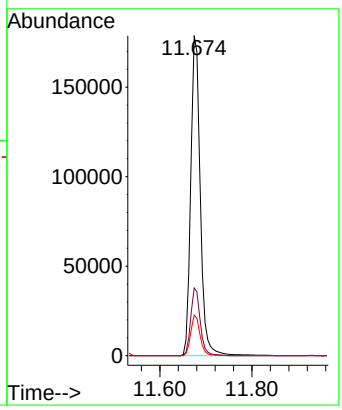




#73
Carbazole
Concen: 10.613 ng
RT: 11.674 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:167 Resp: 25583

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.8	25.2
139	12.7	10.2	15.2



Instrument :
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ClientSampleId :
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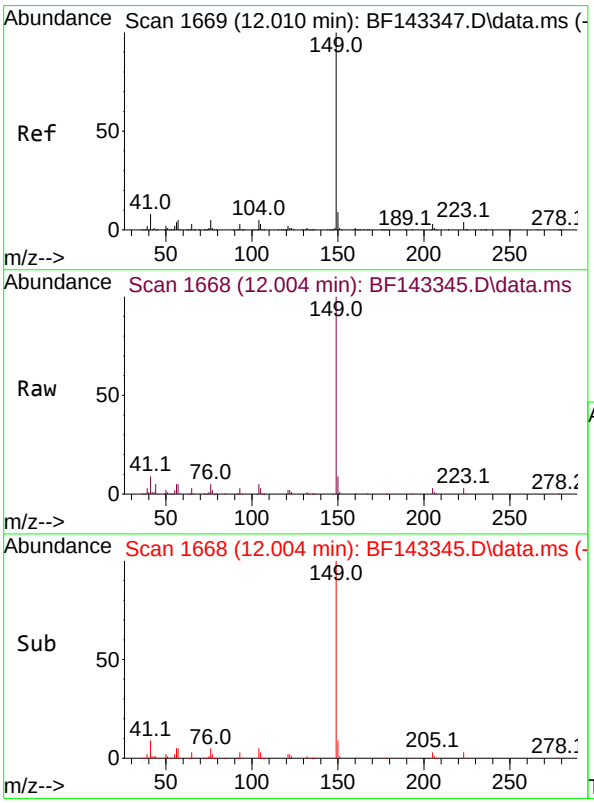
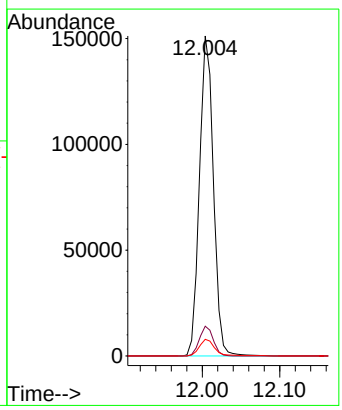
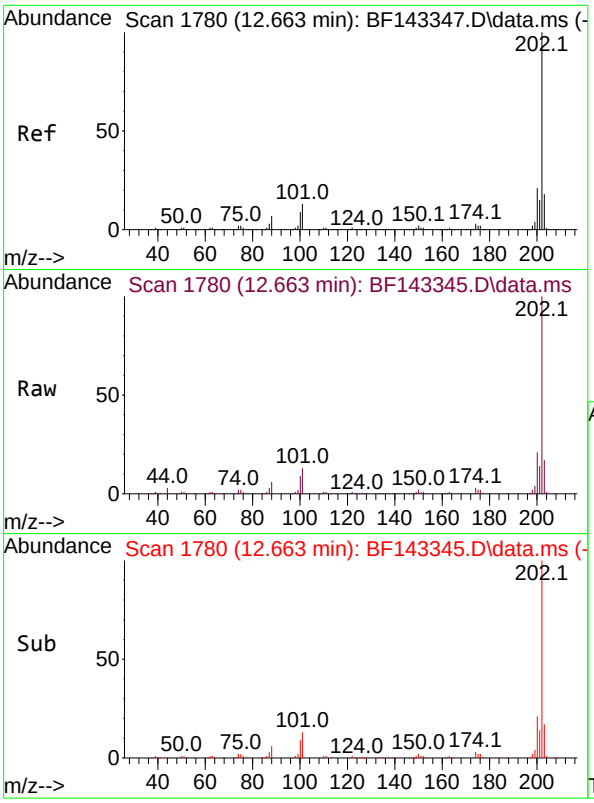


#74
Di-n-butylphthalate
Concen: 9.269 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:149 Resp: 189069

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.2	3.8	5.8

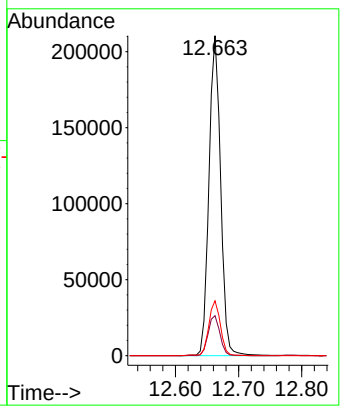




#75
Fluoranthene
Concen: 11.026 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:202 Resp: 26956

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.2	0.0	37.6



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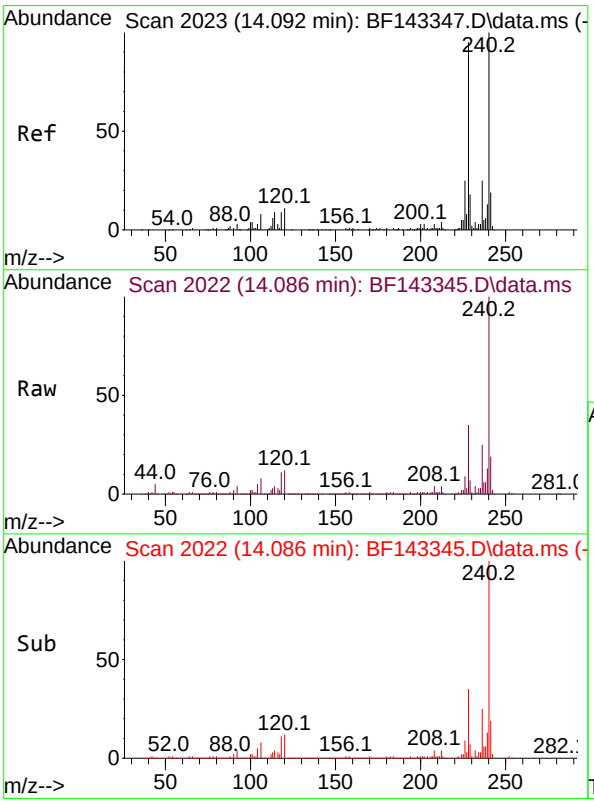
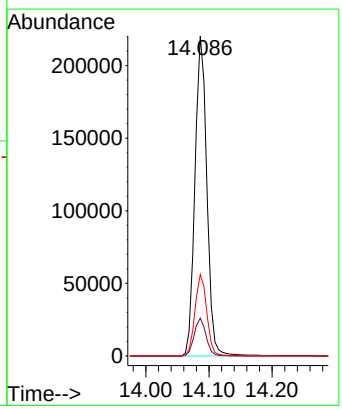
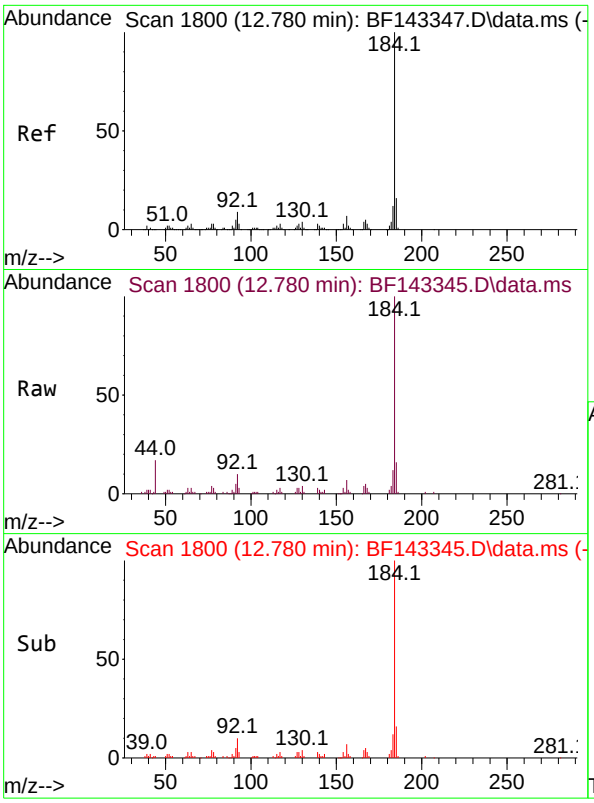


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:240 Resp: 288804

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.6
236	25.5	19.9	29.9

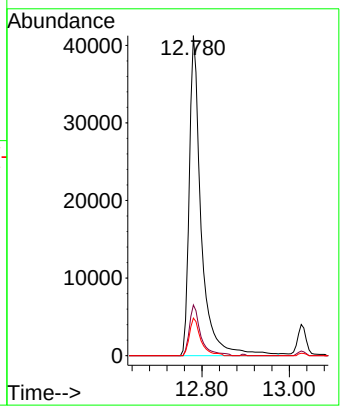




#77
Benzidine
Concen: 9.898 ng
RT: 12.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:184 Resp: 7815

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.8	19.2
183	11.8	9.3	13.9



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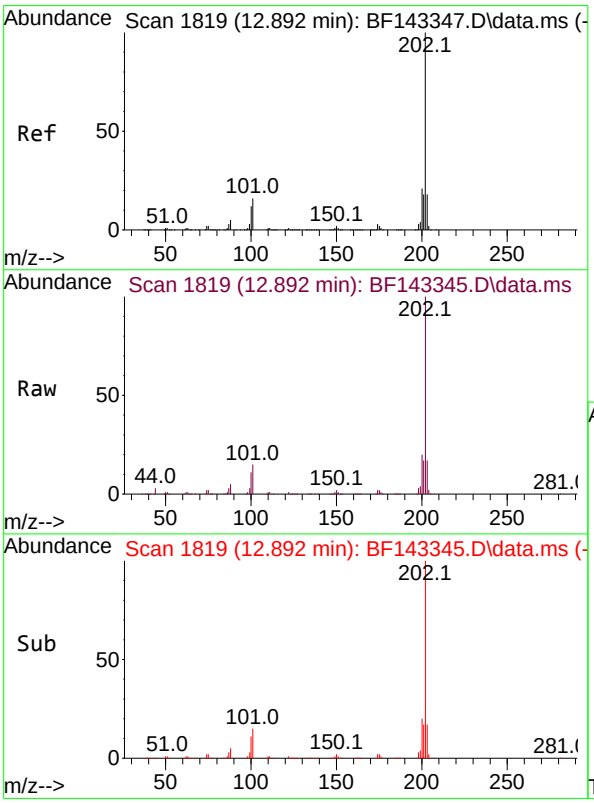
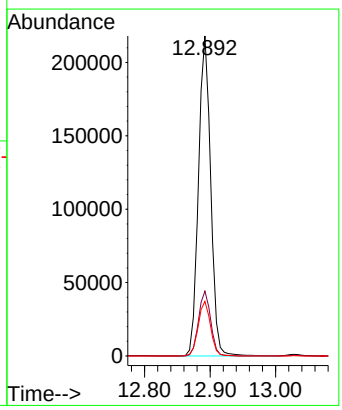
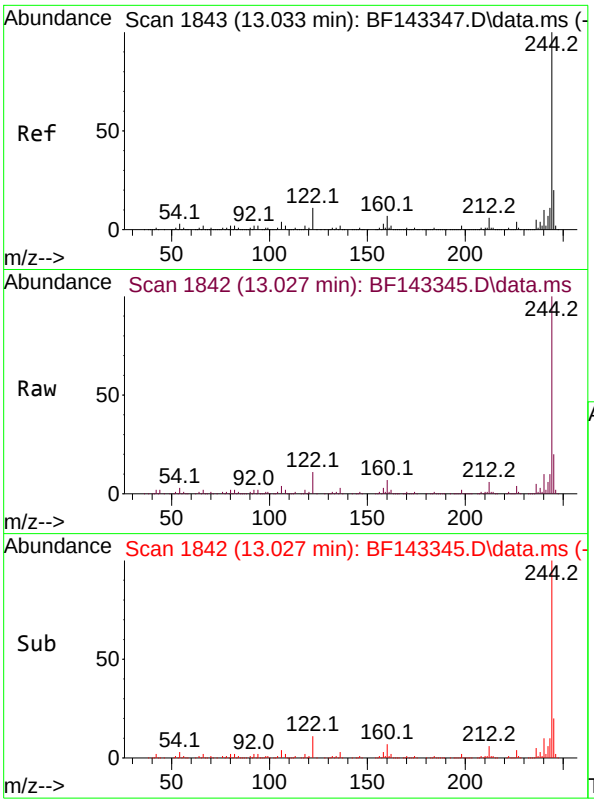


#78
Pyrene
Concen: 11.697 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:202 Resp: 283403

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.8	25.2
203	17.0	14.2	21.4

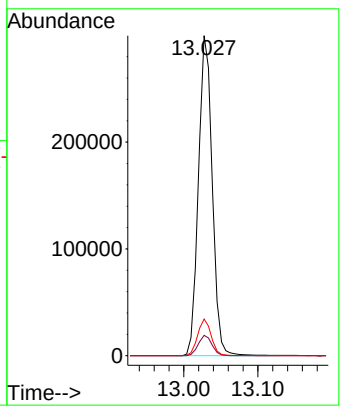




#79
Terphenyl-d14
Concen: 24.022 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:244 Resp: 38858

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.1	7.7
122	11.5	8.9	13.3



Instrument :
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ClientSampleId :
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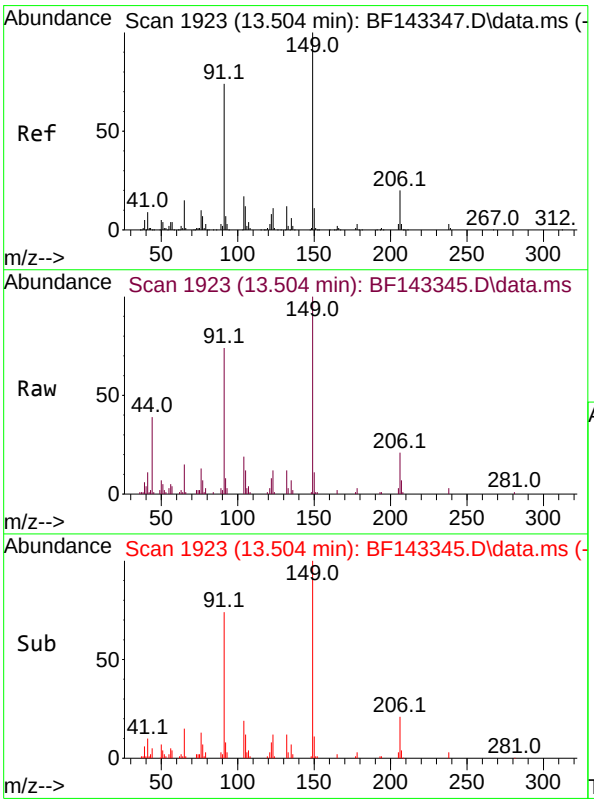
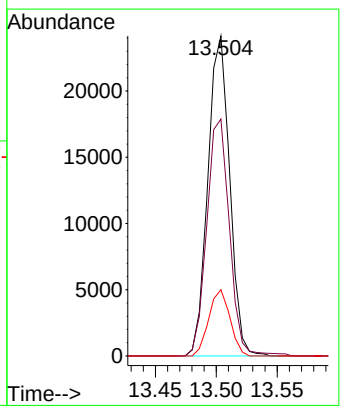
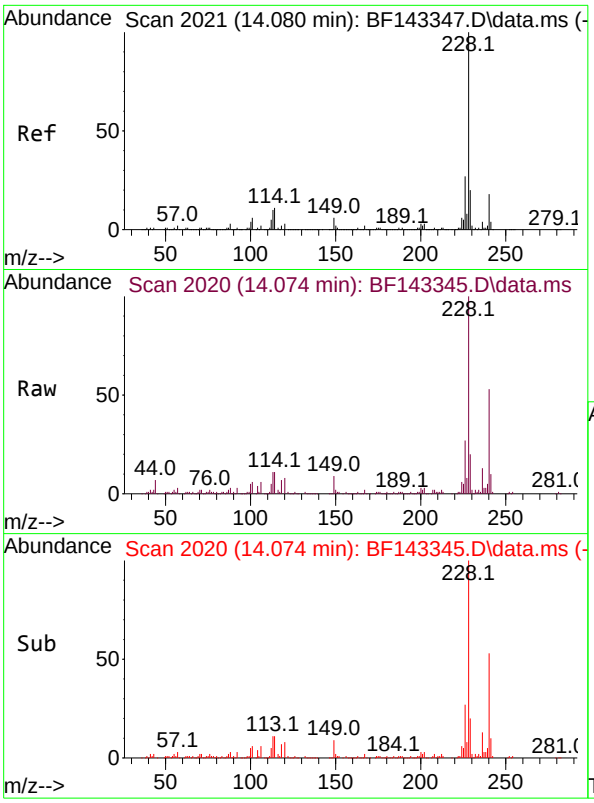


#80
Butylbenzylphthalate
Concen: 9.196 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:149 Resp: 30088

Ion	Ratio	Lower	Upper
149	100		
91	74.1	58.8	88.2
206	20.7	16.4	24.6

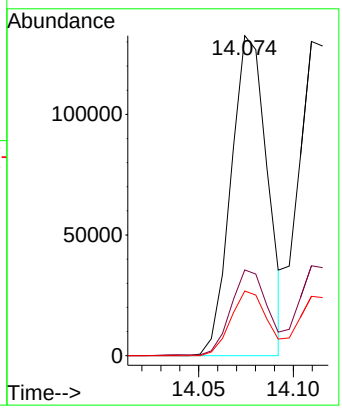




#81
Benzo(a)anthracene
Concen: 9.629 ng
RT: 14.074 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:228 Resp: 17675(

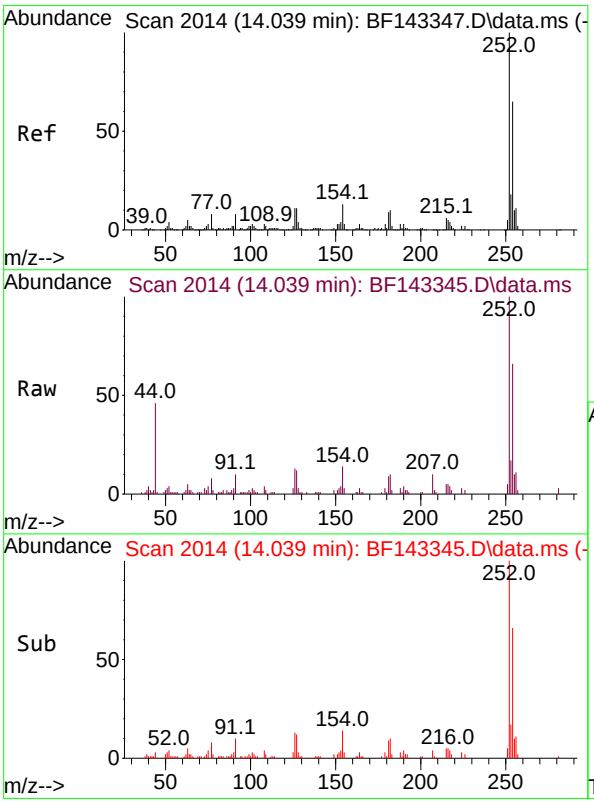
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.0	33.0
229	20.2	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

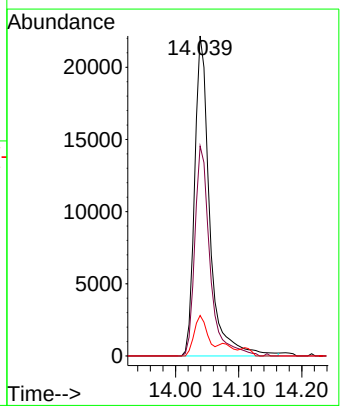
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

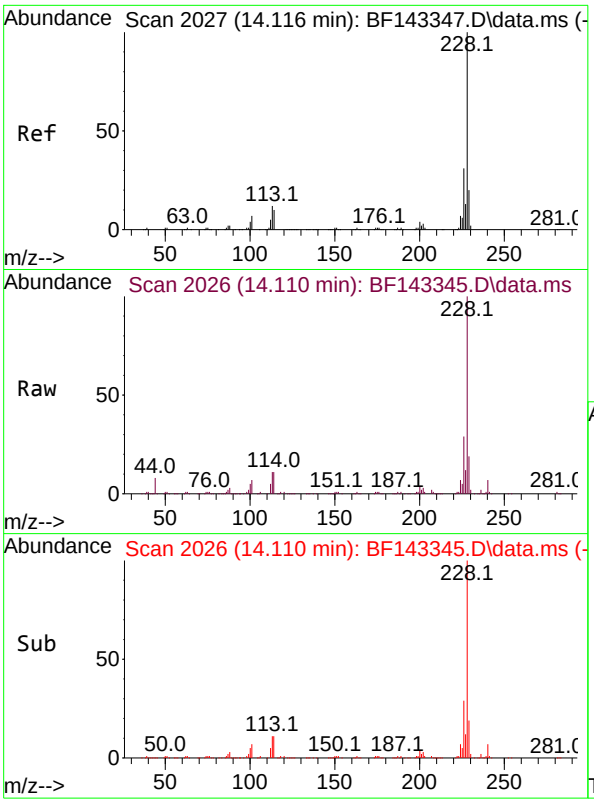


#82
3,3'-Dichlorobenzidine
Concen: 7.425 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:252 Resp: 36804

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.7	77.5
126	12.6	9.2	13.8

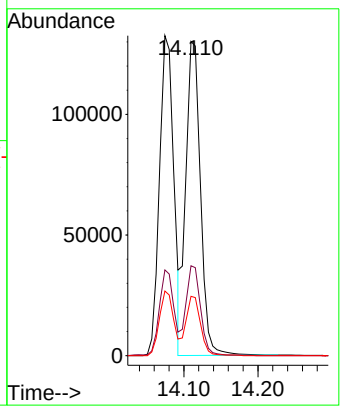




#83
Chrysene
Concen: 10.541 ng
RT: 14.110 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:228 Resp: 18042

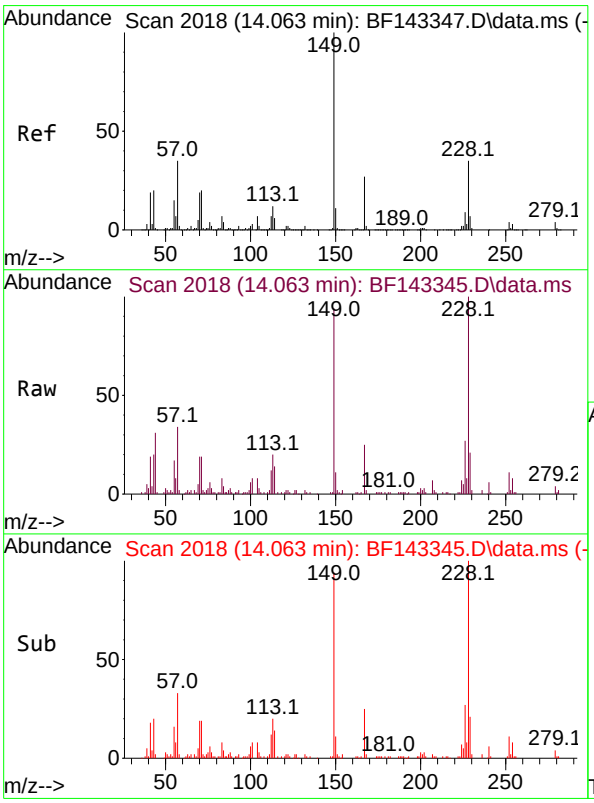
Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.2	36.2
229	18.9	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

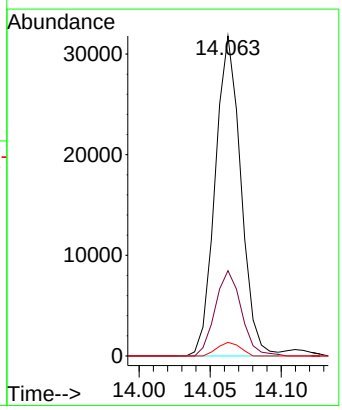
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

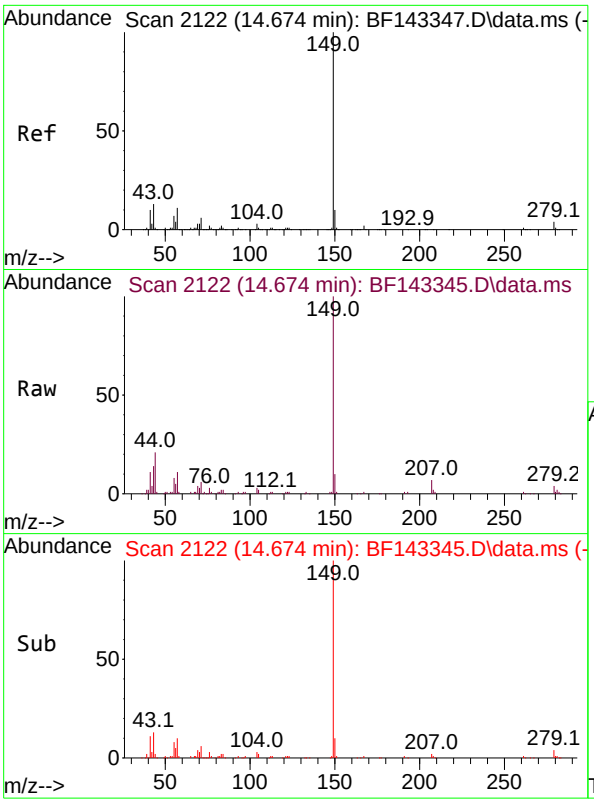


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.191 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:149 Resp: 39945

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	4.3	3.2	4.8

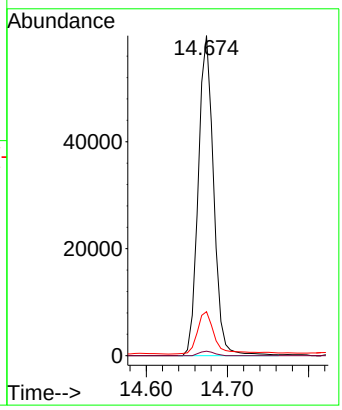




#85
Di-n-octyl phthalate
Concen: 10.933 ng
RT: 14.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:149 Resp: 7870

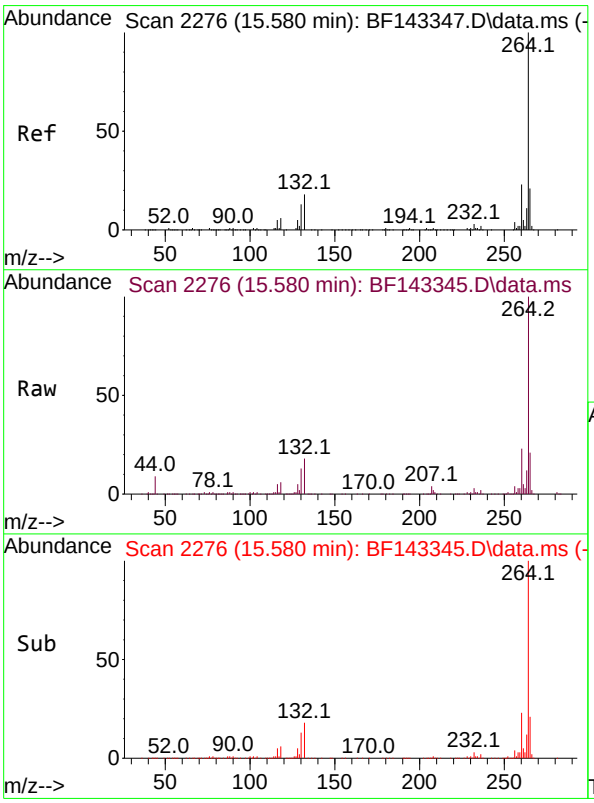
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	14.9	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

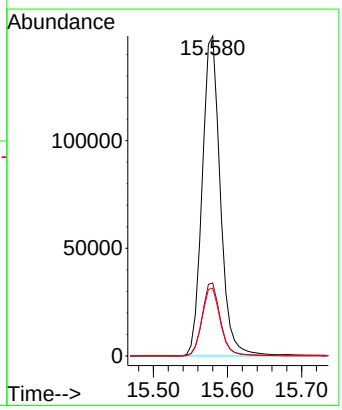
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

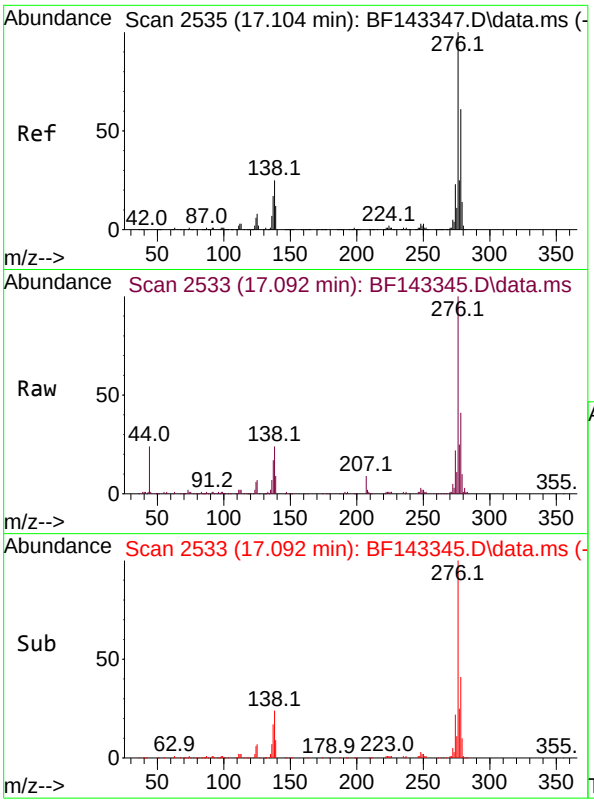


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:264 Resp: 252284

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.2	17.2	25.8

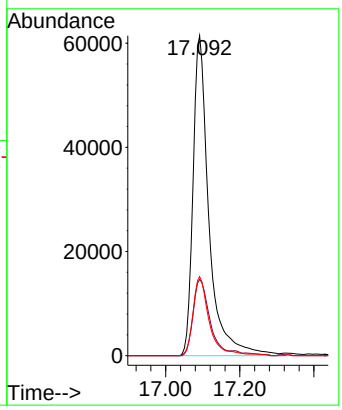




#87
Indeno(1,2,3-cd)pyrene
Concen: 10.153 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:276 Resp: 18350

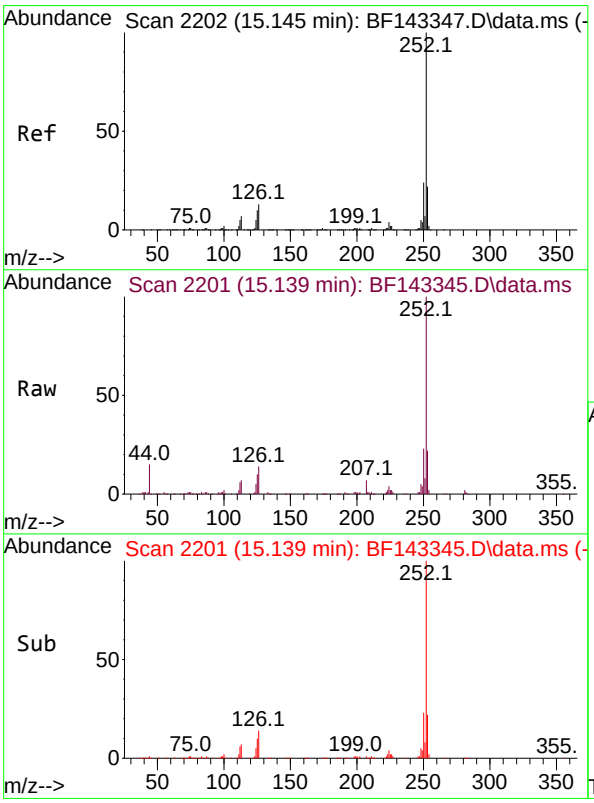
Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.1	31.7
277	24.8	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

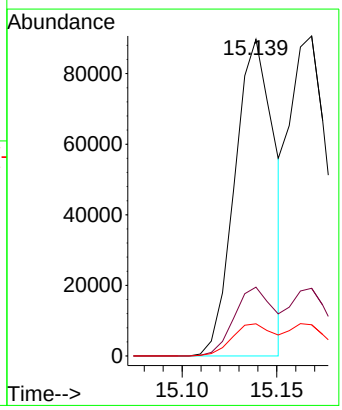
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

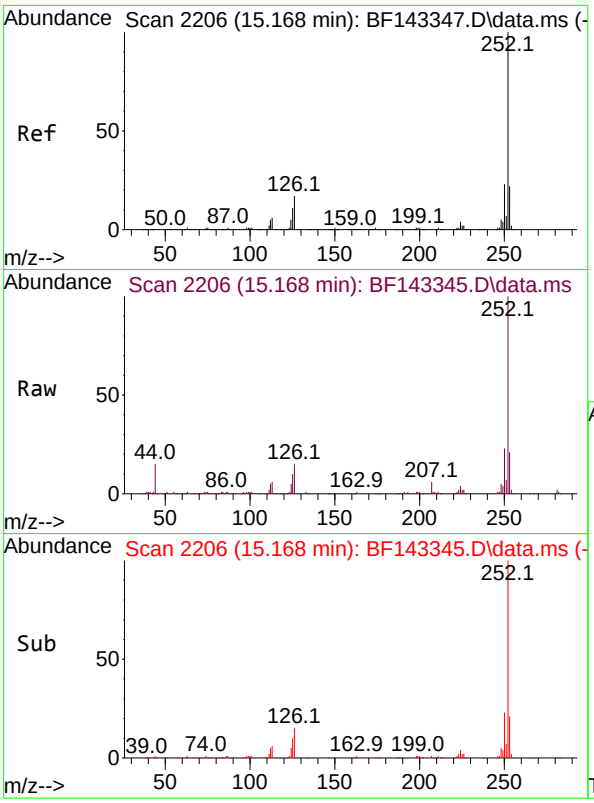


#88
Benzo(b)fluoranthene
Concen: 9.392 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:252 Resp: 129605

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.2	7.8	11.6

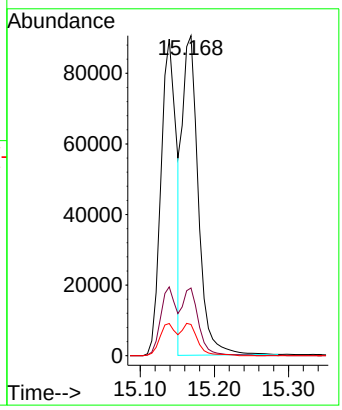




#89
Benzo(k)fluoranthene
Concen: 10.165 ng
RT: 15.168 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:252 Resp: 13629

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	9.8	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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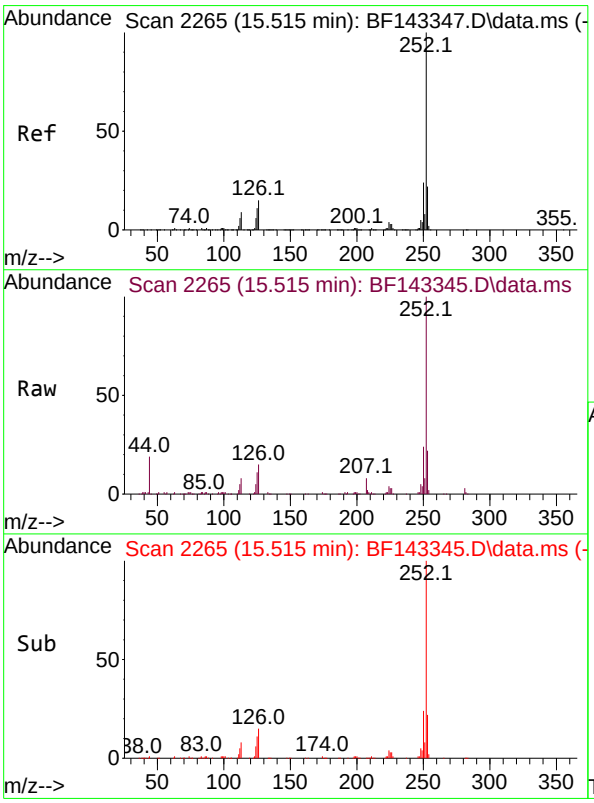
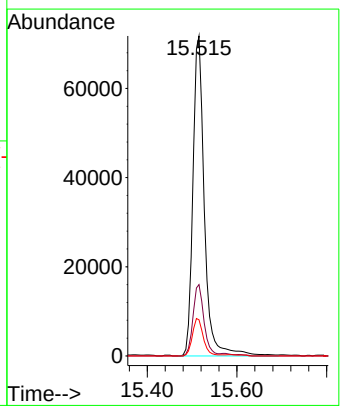
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

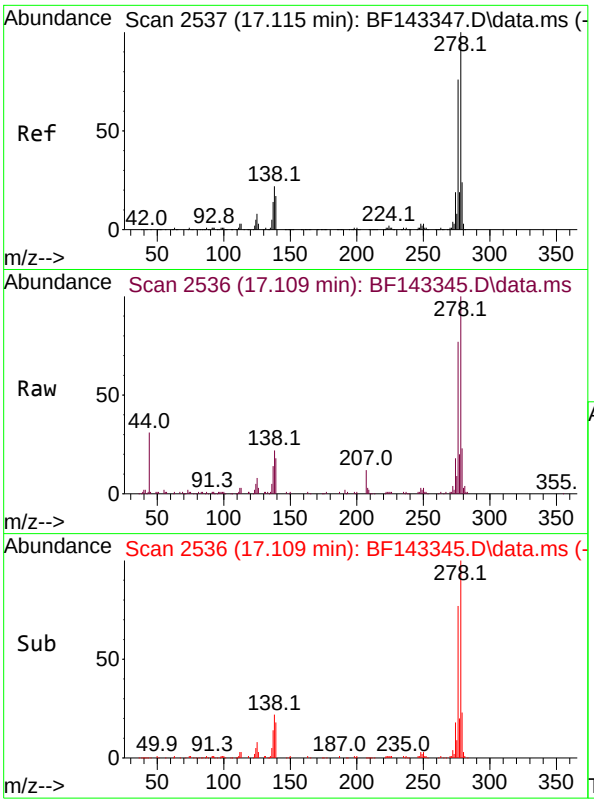


#90
Benzo(a)pyrene
Concen: 9.814 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:252 Resp: 127540

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.3	9.1	13.7

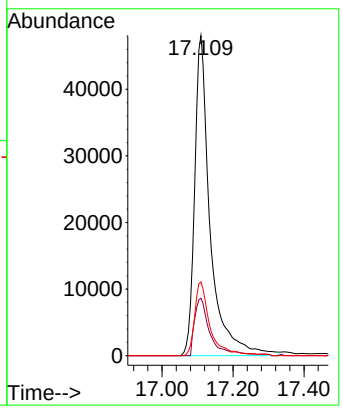




#91
Dibenzo(a,h)anthracene
Concen: 10.148 ng
RT: 17.109 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:278 Resp: 14653

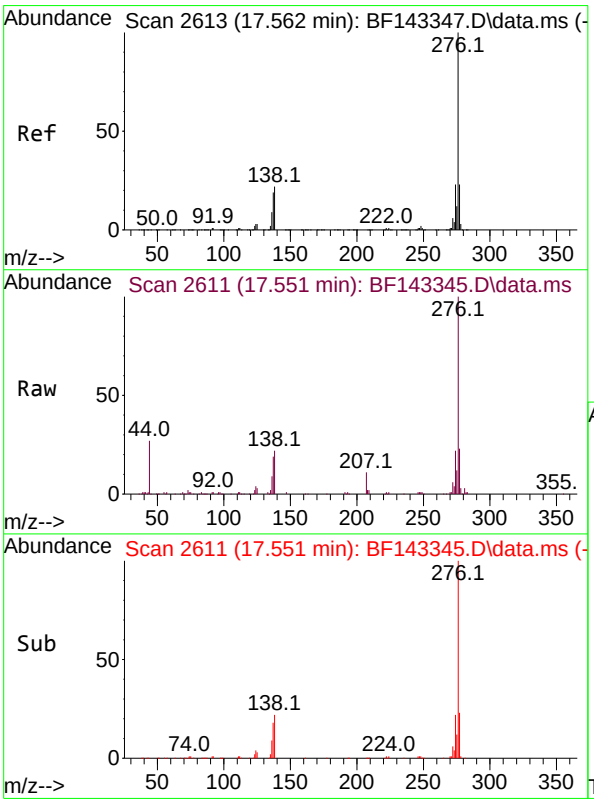
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.0	21.0
279	23.0	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

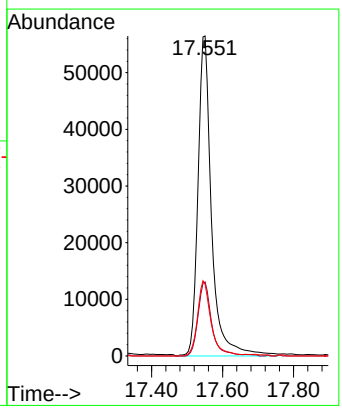
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#92
Benzo(g,h,i)perylene
Concen: 10.338 ng
RT: 17.551 min Scan# 2611
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:276 Resp: 150383

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.7	28.1
138	22.4	17.8	26.8



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143346.D
Acq On : 12 Aug 2025 10:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Aug 12 13:18:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	168701	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	640356	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	345152	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	538915	20.000	ng	0.00
76) Chrysene-d12	14.086	240	307753	20.000	ng	0.00
86) Perylene-d12	15.580	264	306974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	407312	41.751	ng	0.00
7) Phenol-d6	6.557	99	520093	41.573	ng	0.00
23) Nitrobenzene-d5	7.486	82	433525	42.160	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	103035	40.847	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	886799	43.569	ng	0.00
79) Terphenyl-d14	13.027	244	798330	46.313	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	103635	20.529	ng	97
3) Pyridine	3.540	79	269381	20.025	ng	100
4) n-Nitrosodimethylamine	3.463	42	119909	19.135	ng	99
6) Aniline	6.587	93	367374	20.830	ng	99
8) 2-Chlorophenol	6.716	128	214531	20.580	ng	98
9) Benzaldehyde	6.481	77	186638	22.572	ng	99
10) Phenol	6.569	94	310854	20.975	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	224903	20.590	ng	99
12) 1,3-Dichlorobenzene	6.875	146	249994	20.792	ng	99
13) 1,4-Dichlorobenzene	6.945	146	250438	20.753	ng	99
14) 1,2-Dichlorobenzene	7.098	146	237306	20.716	ng	99
15) Benzyl Alcohol	7.063	79	180344	20.110	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	410762	21.064	ng	95
17) 2-Methylphenol	7.175	107	181753	20.655	ng	99
18) Hexachloroethane	7.445	117	77573	20.504	ng	98
19) n-Nitroso-di-n-propyla...	7.334	70	161440	20.884	ng	98
20) 3+4-Methylphenols	7.328	107	231589	21.762	ng	96
22) Acetophenone	7.334	105	304419	21.576	ng	97
24) Nitrobenzene	7.504	77	234624	21.009	ng	98
25) Isophorone	7.745	82	437206	20.827	ng	99
26) 2-Nitrophenol	7.822	139	70117	18.121	ng	96
27) 2,4-Dimethylphenol	7.857	122	184676	21.087	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	272180	21.236	ng	98
29) 2,4-Dichlorophenol	8.069	162	182884	21.380	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	191714	21.247	ng	99
31) Naphthalene	8.233	128	658723	21.378	ng	100
32) Benzoic acid	7.951	122	54709	19.373	ng	97
33) 4-Chloroaniline	8.275	127	235075	21.152	ng	98
34) Hexachlorobutadiene	8.351	225	119600	21.308	ng	99
35) Caprolactam	8.622	113	46828	19.474	ng	91
36) 4-Chloro-3-methylphenol	8.757	107	189645	21.148	ng	98
37) 2-Methylnaphthalene	8.922	142	436344	21.540	ng	100
38) 1-Methylnaphthalene	9.022	142	417915	21.421	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	198354	21.001	ng	99
41) Hexachlorocyclopentadiene	9.081	237	44965	19.003	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	109203	20.378	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143346.D
Acq On : 12 Aug 2025 10:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Aug 12 13:18:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

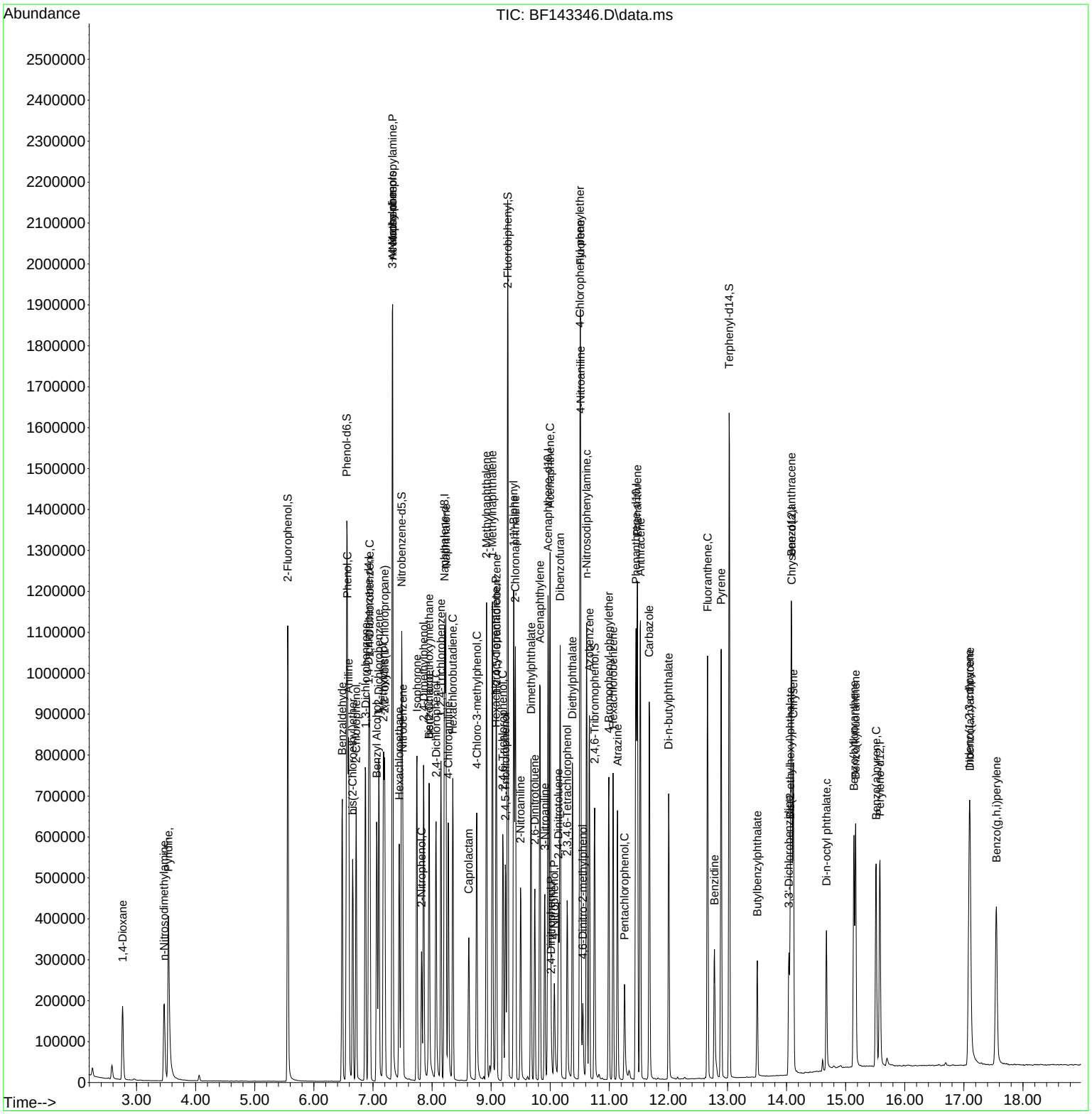
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	126432	20.892	ng		98
46) 1,1'-Biphenyl	9.380	154	523392	21.447	ng		99
47) 2-Chloronaphthalene	9.410	162	407385	21.196	ng		99
48) 2-Nitroaniline	9.498	65	96206	19.121	ng		97
49) Acenaphthylene	9.828	152	593246	21.374	ng		99
50) Dimethylphthalate	9.675	163	429516	21.297	ng		100
51) 2,6-Dinitrotoluene	9.739	165	65043	18.954	ng		95
52) Acenaphthene	9.998	154	386752	20.959	ng		98
53) 3-Nitroaniline	9.910	138	86436	20.928	ng		99
54) 2,4-Dinitrophenol	10.016	184	15765	19.272	ng	#	13
55) Dibenzofuran	10.169	168	564025	21.238	ng		100
56) 4-Nitrophenol	10.069	139	50785	19.809	ng		99
57) 2,4-Dinitrotoluene	10.139	165	88718	19.432	ng		94
58) Fluorene	10.510	166	431847	21.289	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	81483	19.975	ng		99
60) Diethylphthalate	10.375	149	390634	21.624	ng		100
61) 4-Chlorophenyl-phenyle...	10.504	204	207053	21.124	ng		99
62) 4-Nitroaniline	10.516	138	87370	21.864	ng		99
63) Azobenzene	10.663	77	443476	21.493	ng		99
65) 4,6-Dinitro-2-methylph...	10.551	198	29324	18.676	ng		94
66) n-Nitrosodiphenylamine	10.616	169	363227	20.469	ng		100
67) 4-Bromophenyl-phenylether	10.992	248	125072	20.293	ng		97
68) Hexachlorobenzene	11.063	284	134796	20.290	ng		98
69) Atrazine	11.139	200	100549	21.725	ng		100
70) Pentachlorophenol	11.257	266	47147	19.347	ng		99
71) Phenanthrene	11.474	178	622794	21.181	ng		99
72) Anthracene	11.527	178	638169	21.401	ng		98
73) Carbazole	11.674	167	548030	21.580	ng		100
74) Di-n-butylphthalate	12.004	149	479230	22.300	ng		99
75) Fluoranthene	12.663	202	566275	21.986	ng		99
77) Benzidine	12.780	184	201097	23.901	ng		99
78) Pyrene	12.892	202	587878	22.771	ng		100
80) Butylbenzylphthalate	13.504	149	83834	18.636	ng		99
81) Benzo(a)anthracene	14.080	228	412056	21.066	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	100529	19.033	ng		100
83) Chrysene	14.115	228	369066	20.235	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	107115	17.077	ng		99
85) Di-n-octyl phthalate	14.674	149	213024	18.493	ng		100
87) Indeno(1,2,3-cd)pyrene	17.092	276	454164	20.651	ng		99
88) Benzo(b)fluoranthene	15.139	252	335316	19.971	ng		99
89) Benzo(k)fluoranthene	15.168	252	355480	21.789	ng		99
90) Benzo(a)pyrene	15.515	252	325450	20.580	ng		99
91) Dibenzo(a,h)anthracene	17.104	278	363491	20.688	ng		98
92) Benzo(g,h,i)perylene	17.551	276	364540	20.596	ng		99

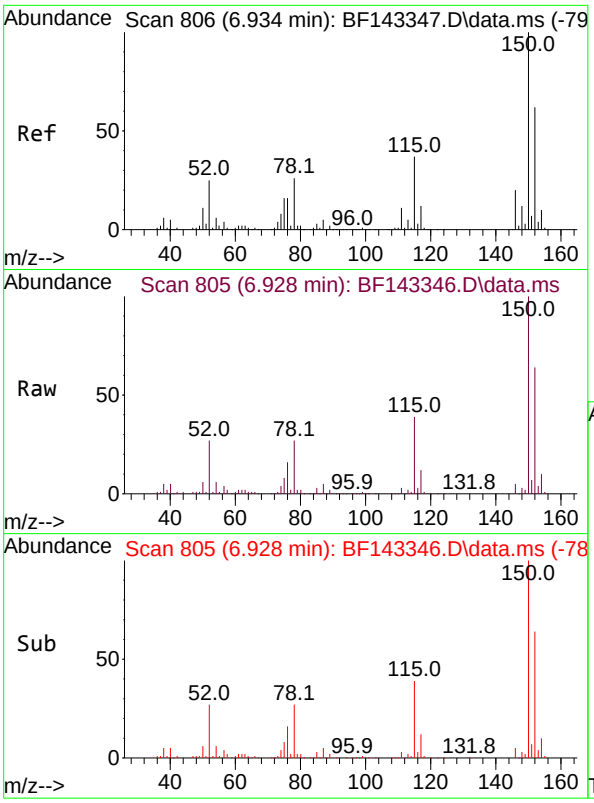
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143346.D
Acq On : 12 Aug 2025 10:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Aug 12 13:18:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration



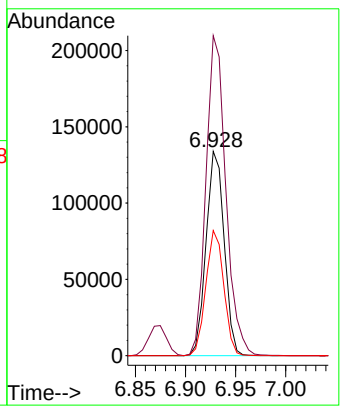


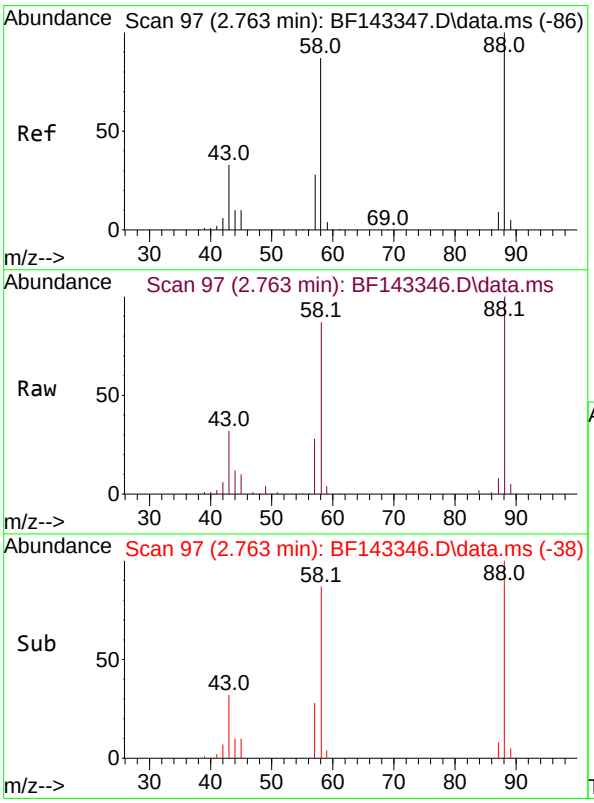
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 168701

Ion	Ratio	Lower	Upper
152	100		
150	156.6	129.8	194.8
115	61.3	47.8	71.8

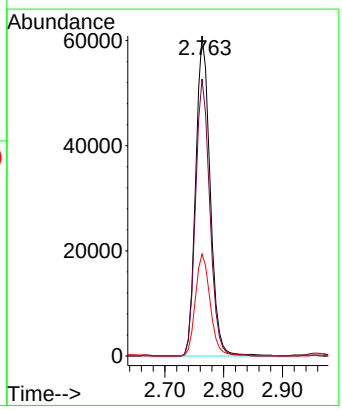


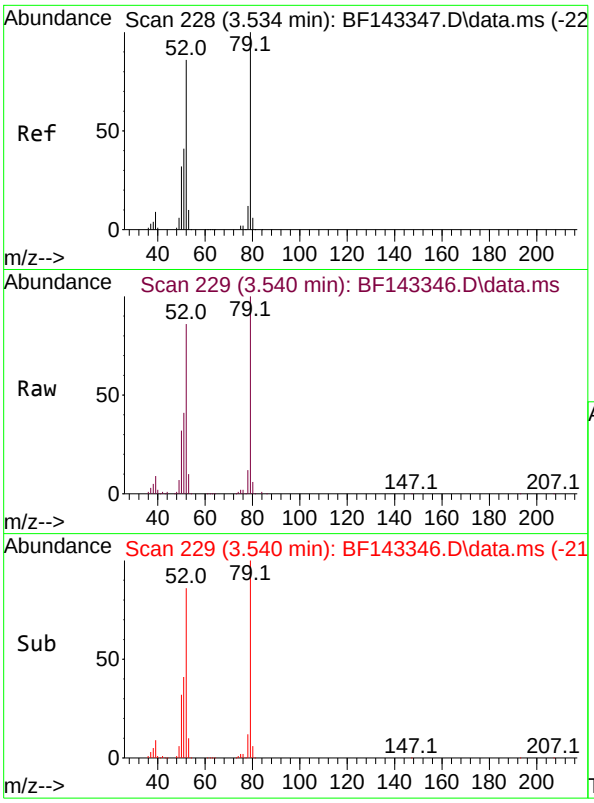


#2
1,4-Dioxane
Concen: 20.529 ng
RT: 2.763 min Scan# 97
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 88 Resp: 103635

Ion	Ratio	Lower	Upper
88	100		
58	85.7	71.0	106.6
43	32.6	27.0	40.6



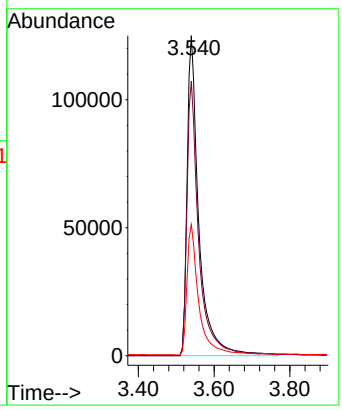


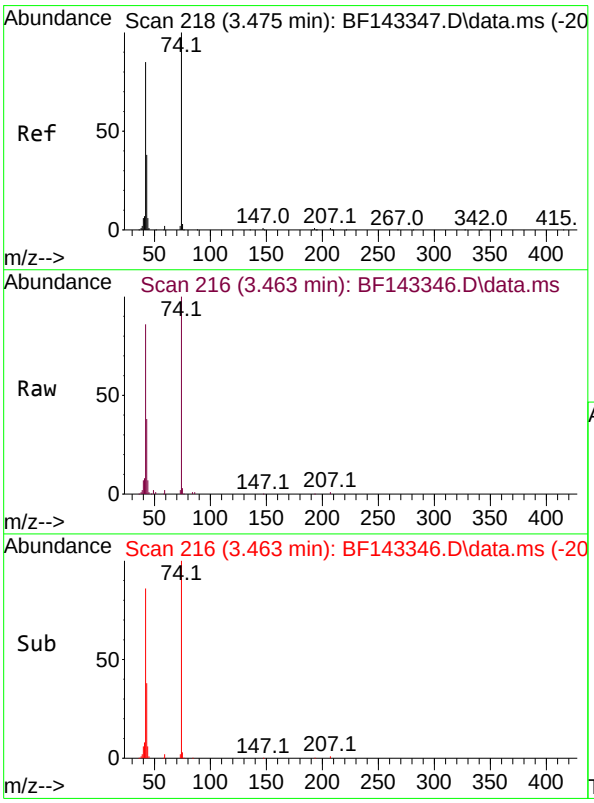
#3
Pyridine
Concen: 20.025 ng
RT: 3.540 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 269381

Ion	Ratio	Lower	Upper
79	100		
52	85.8	68.7	103.1
51	40.9	33.4	50.0

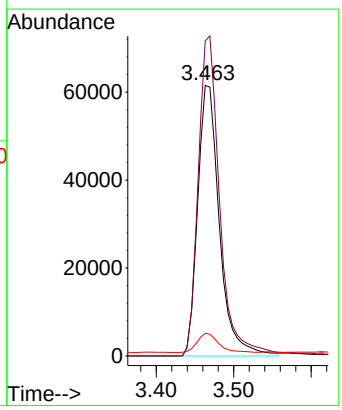


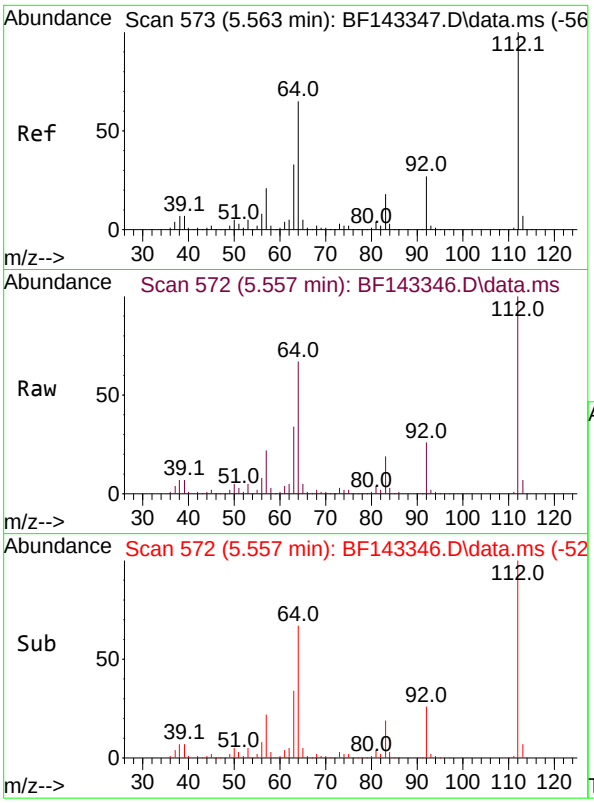


#4
n-Nitrosodimethylamine
Concen: 19.135 ng
RT: 3.463 min Scan# 216
Delta R.T. -0.012 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 42 Resp: 119909

Ion	Ratio	Lower	Upper
42	100		
74	116.4	94.1	141.1
44	8.4	6.5	9.7



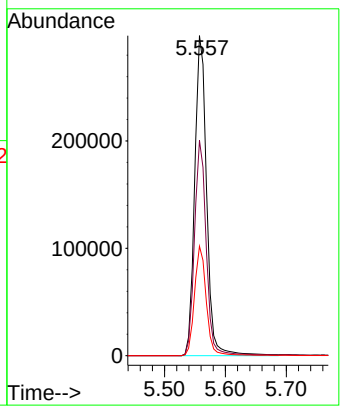


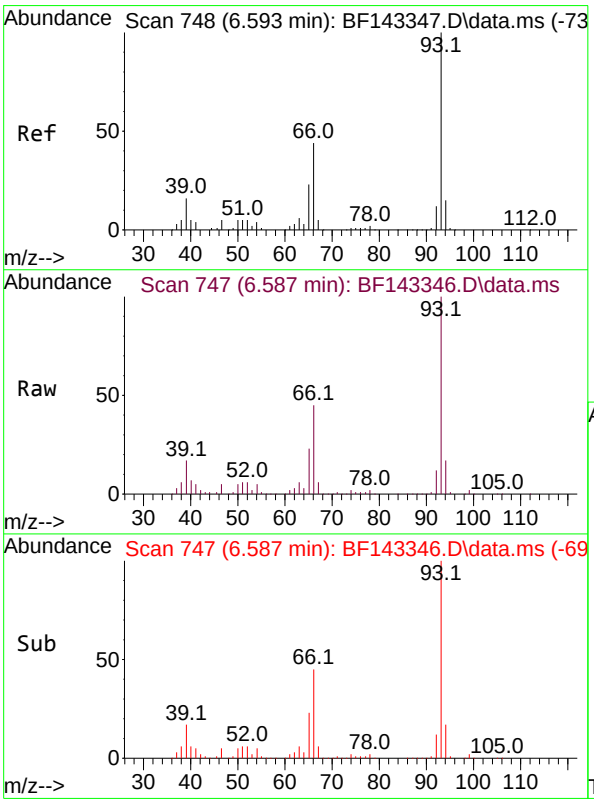
#5
2-Fluorophenol
Concen: 41.751 ng
RT: 5.557 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 407312

Ion	Ratio	Lower	Upper
112	100		
64	67.2	52.1	78.1
63	34.2	26.6	39.8

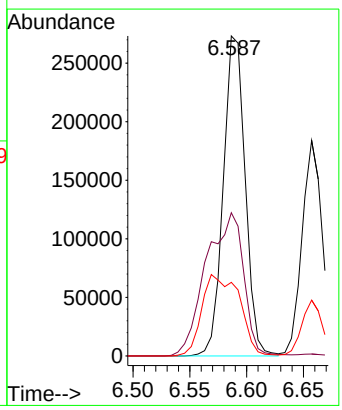


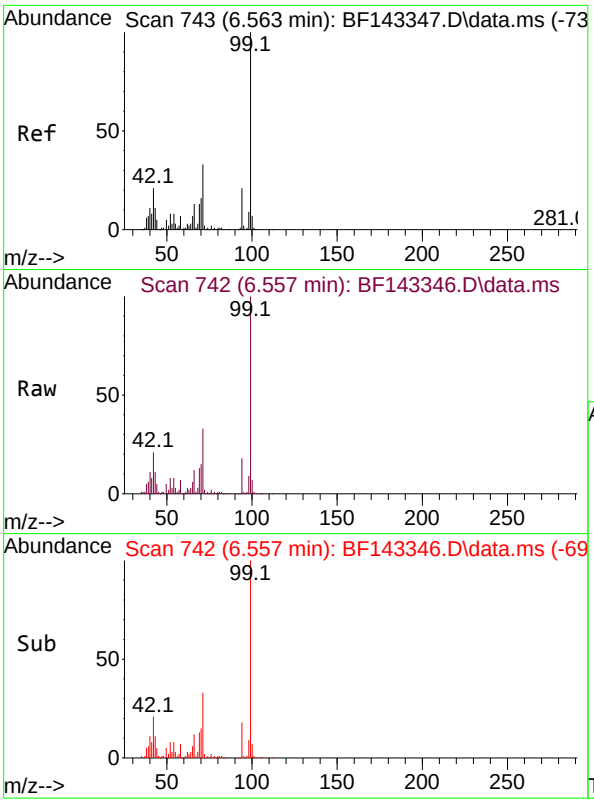


#6
Aniline
Concen: 20.830 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 93 Resp: 367374

Ion	Ratio	Lower	Upper
93	100		
66	44.7	35.3	52.9
65	23.0	18.2	27.4



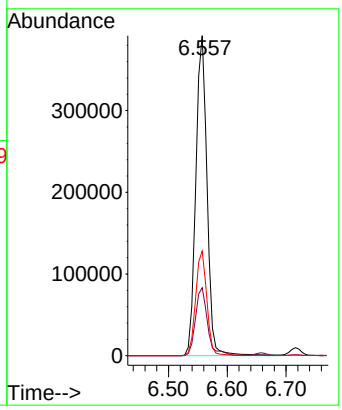


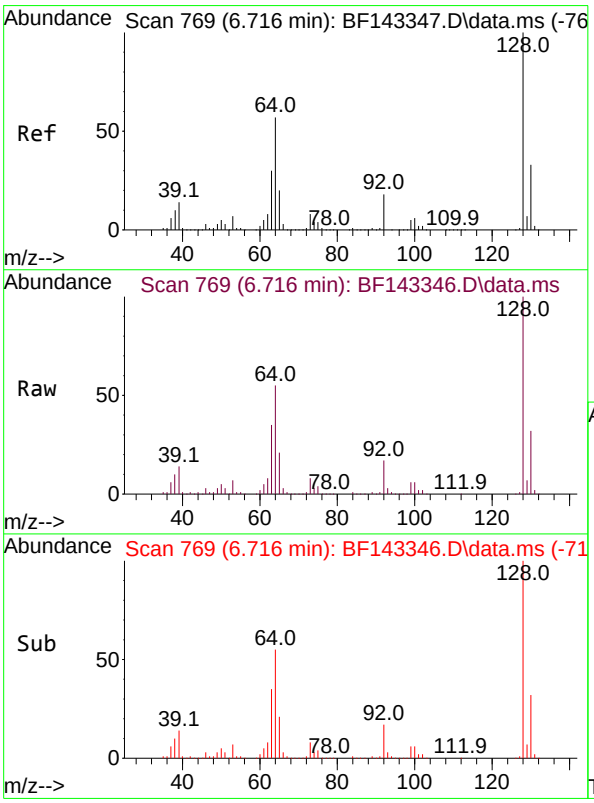
#7
Phenol-d6
Concen: 41.573 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 520093

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.6	25.0
71	32.7	26.2	39.2

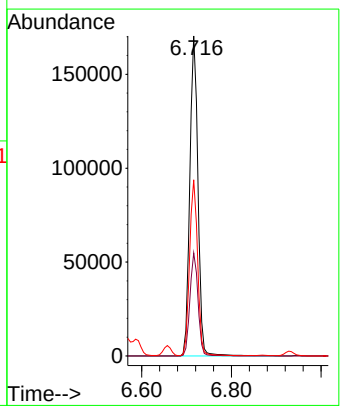


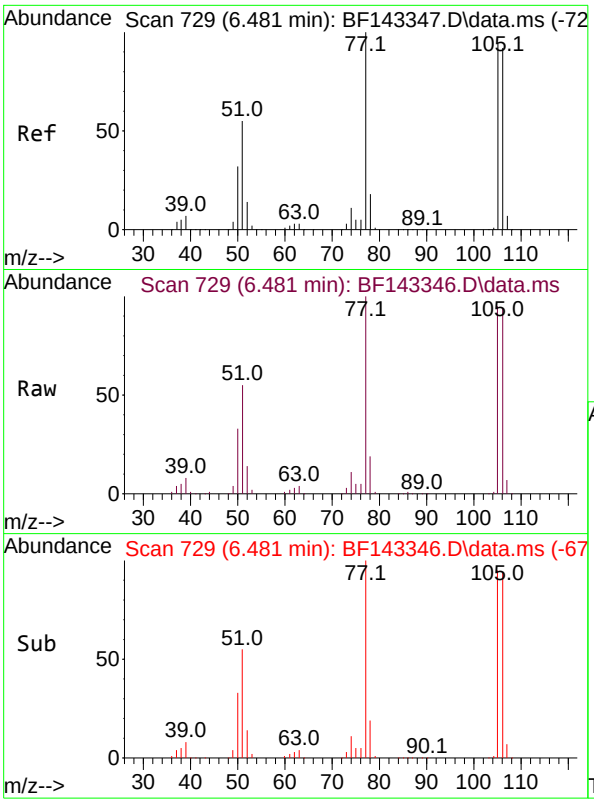


#8
2-Chlorophenol
Concen: 20.580 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:128 Resp: 214531

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	55.1	36.7	76.7



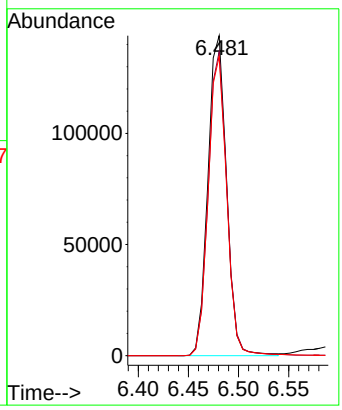


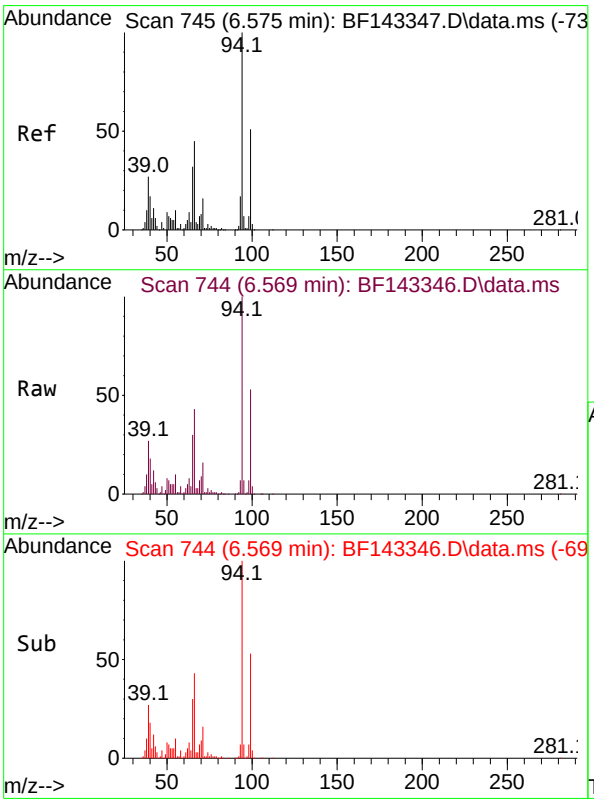
#9
Benzaldehyde
Concen: 22.572 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 186638

Ion	Ratio	Lower	Upper
77	100		
105	95.0	74.2	114.2
106	93.5	72.2	112.2

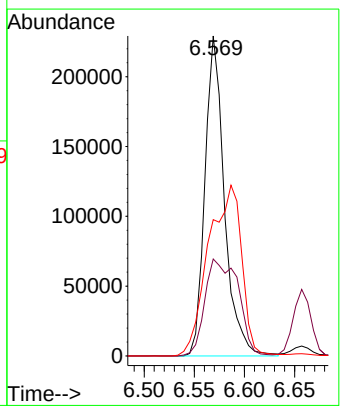


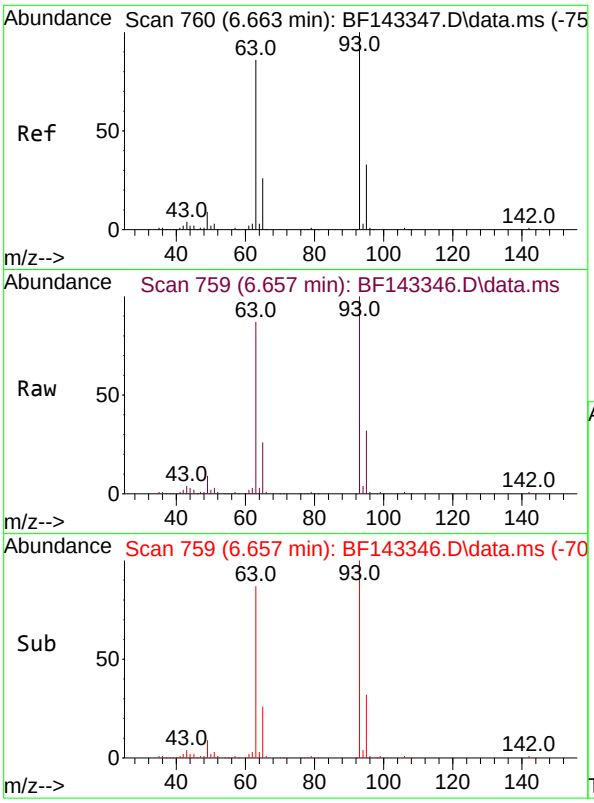


#10
Phenol
Concen: 20.975 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 94 Resp: 310854

Ion	Ratio	Lower	Upper
94	100		
65	30.3	12.0	52.0
66	42.6	25.6	65.6



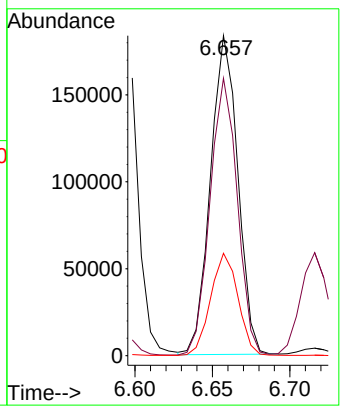


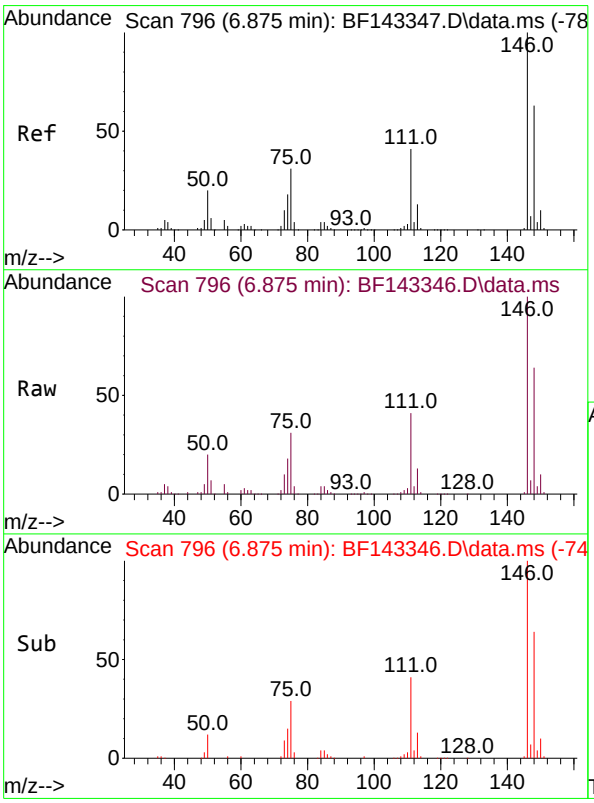
#11
bis(2-Chloroethyl)ether
Concen: 20.590 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 224903

Ion	Ratio	Lower	Upper
93	100		
63	86.7	65.7	105.7
95	32.0	13.0	53.0

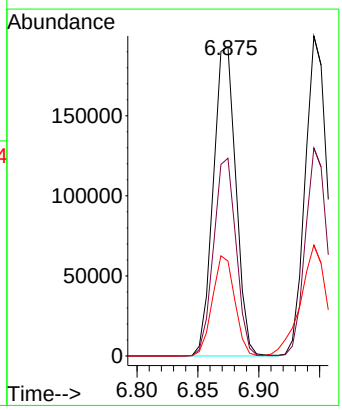


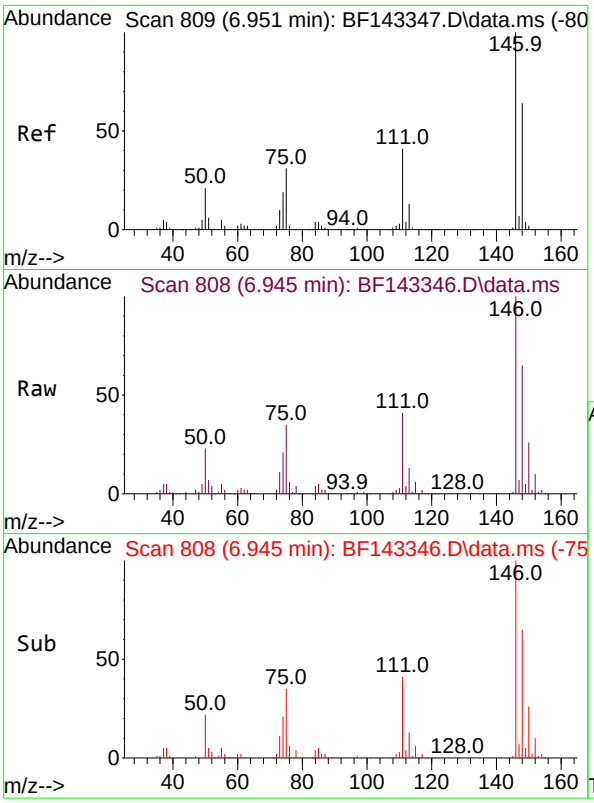


#12
1,3-Dichlorobenzene
Concen: 20.792 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:146 Resp: 249994

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
75	30.7	24.9	37.3



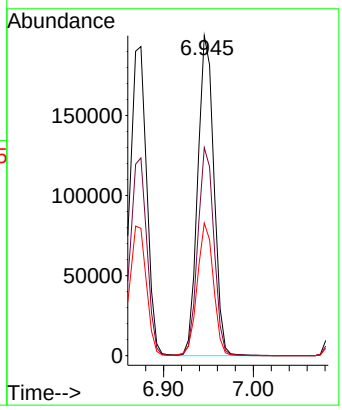


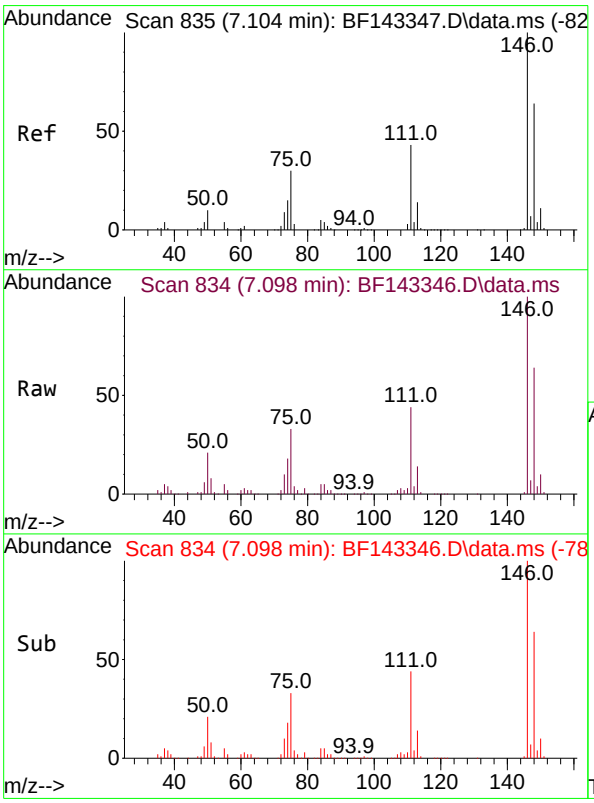
#13
1,4-Dichlorobenzene
Concen: 20.753 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 250438

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	41.4	32.6	48.8

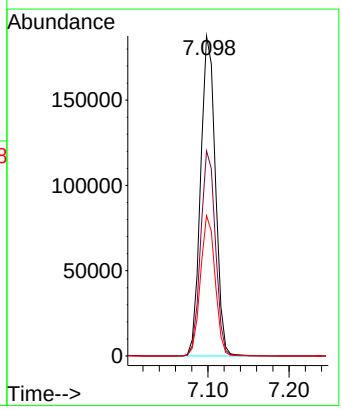


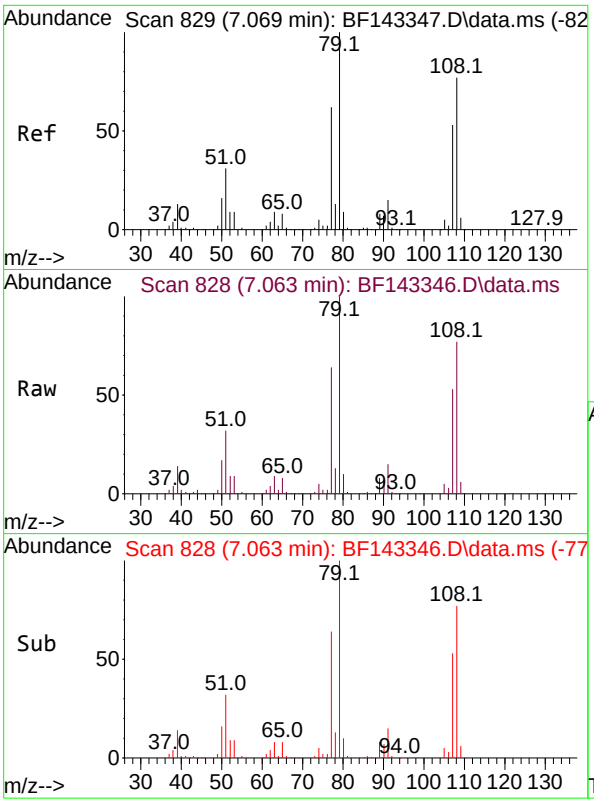


#14
1,2-Dichlorobenzene
Concen: 20.716 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:146 Resp: 237306

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
111	43.8	34.1	51.1



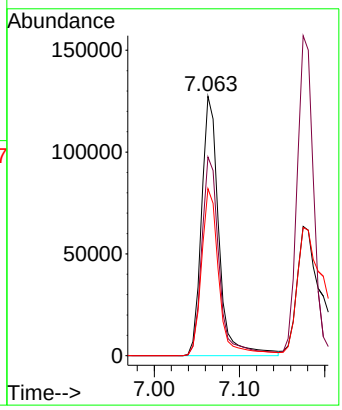


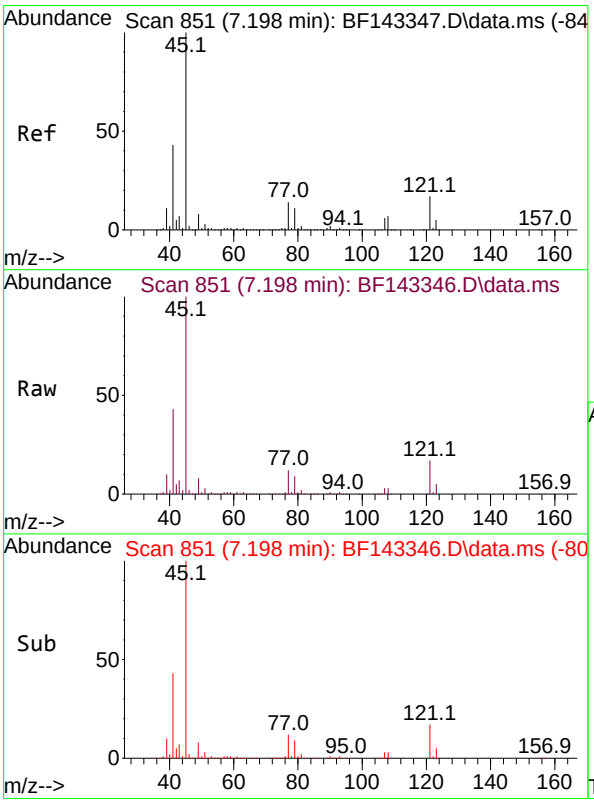
#15
Benzyl Alcohol
Concen: 20.110 ng
RT: 7.063 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 180344

Ion	Ratio	Lower	Upper
79	100		
108	76.6	61.5	92.3
77	64.4	49.8	74.8

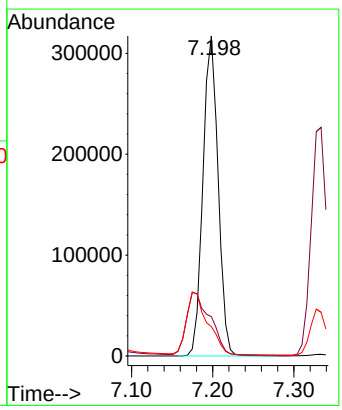


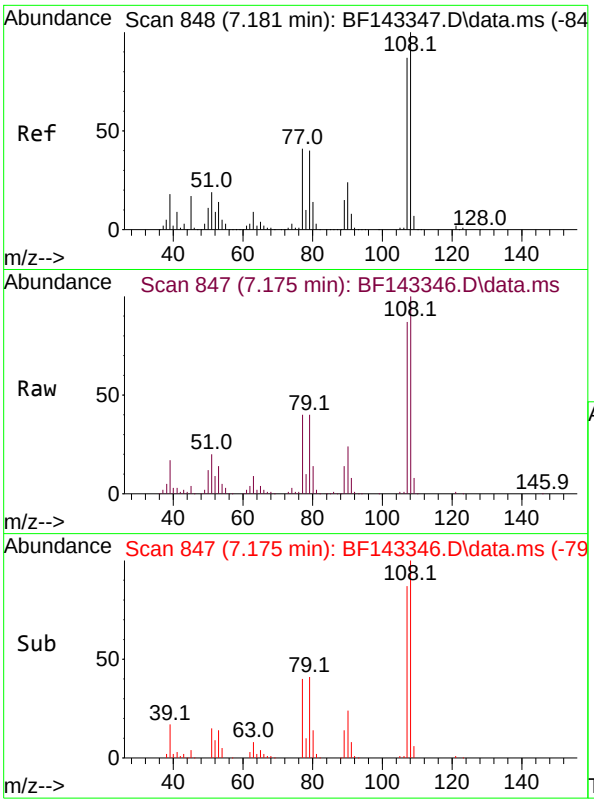


#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.064 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 45 Resp: 410762

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	34.0
79	9.2	0.0	31.1



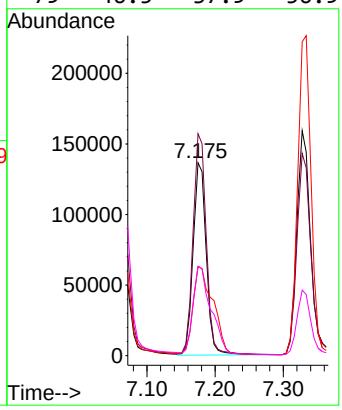


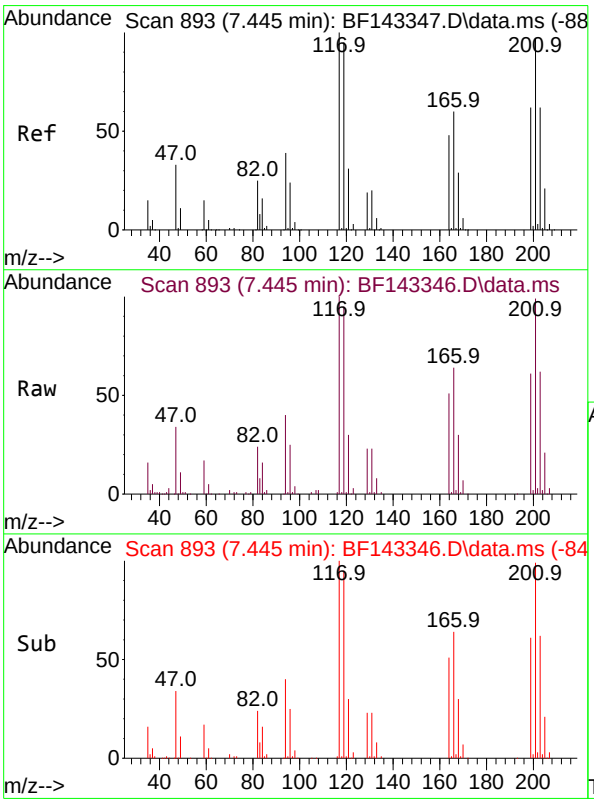
#17
2-Methylphenol
Concen: 20.655 ng
RT: 7.175 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 181753

Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	46.1	38.2	57.2
79	46.5	37.9	56.9

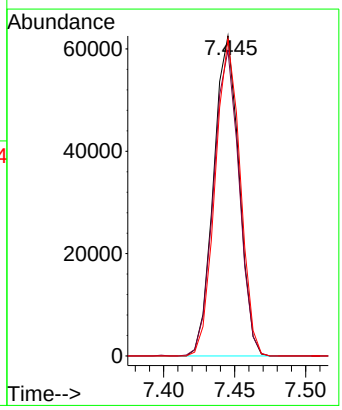


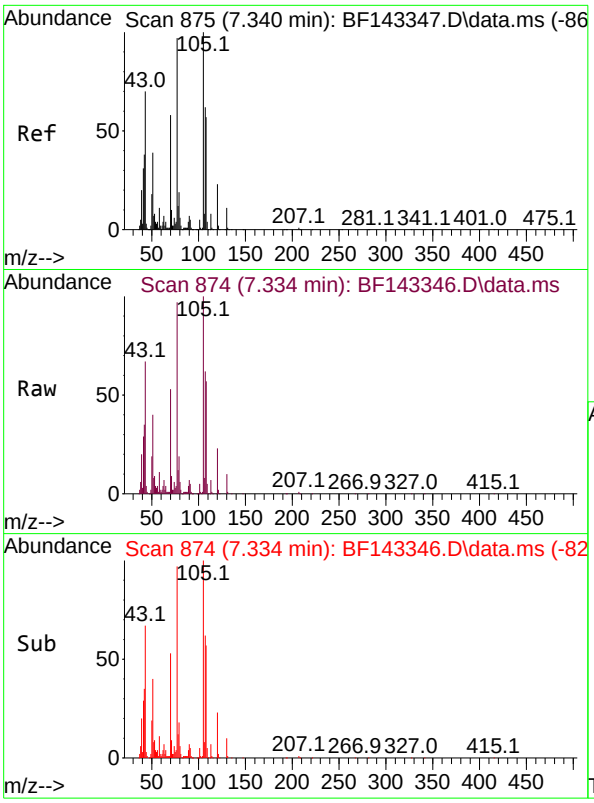


#18
Hexachloroethane
Concen: 20.504 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:117 Resp: 77573

Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	99.0	77.2	115.8



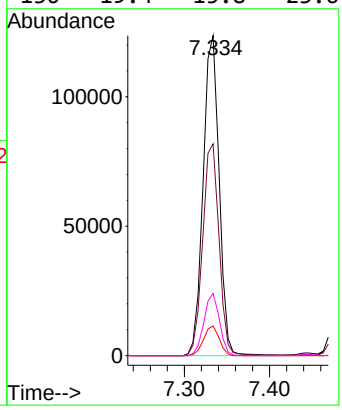


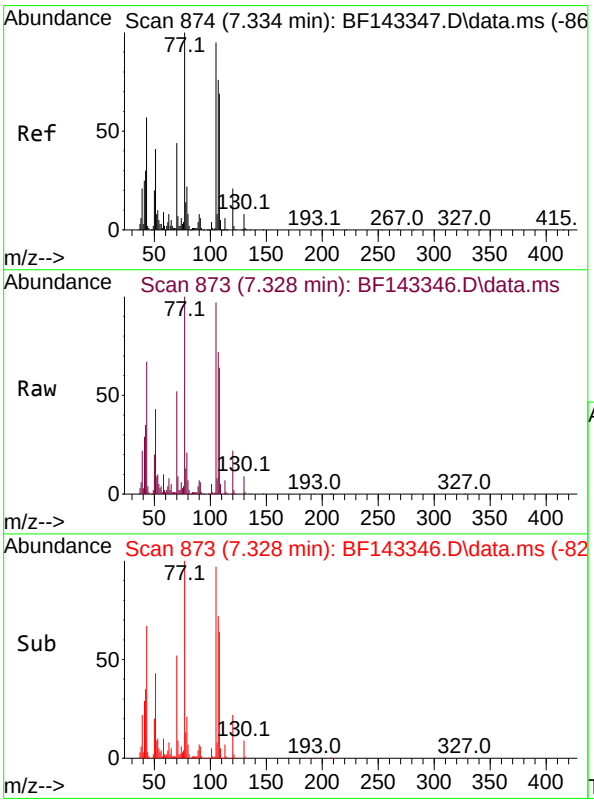
#19
n-Nitroso-di-n-propylamine
Concen: 20.884 ng
RT: 7.334 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 161440

Ion	Ratio	Lower	Upper
70	100		
42	66.2	51.6	77.4
101	9.3	7.5	11.3
130	19.4	15.8	23.6

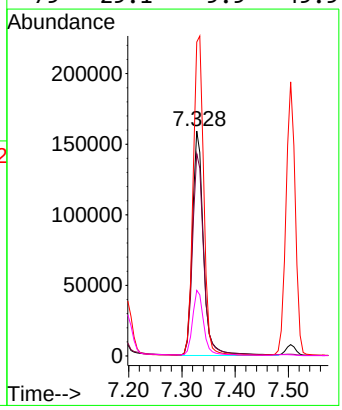


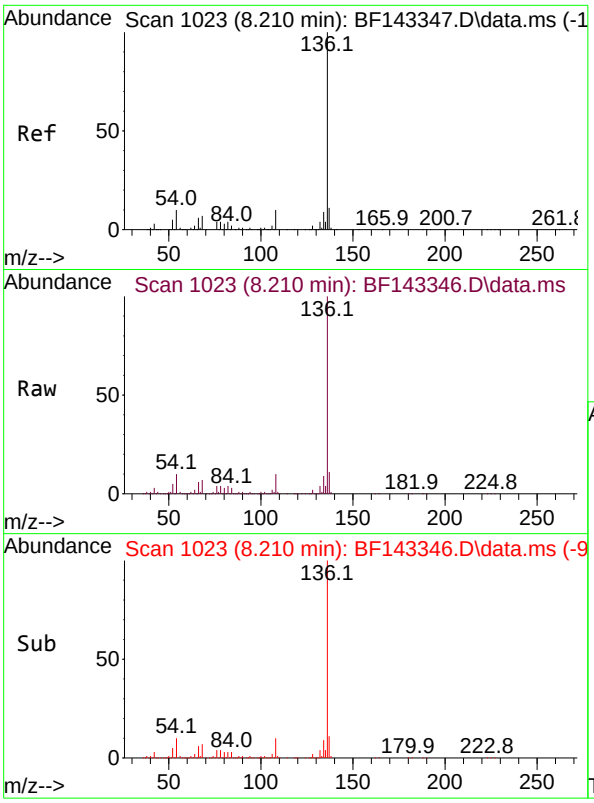


#20
3+4-Methylphenols
Concen: 21.762 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:107 Resp: 231589

Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.6	110.6
77	139.5	112.0	152.0
79	29.1	9.9	49.9



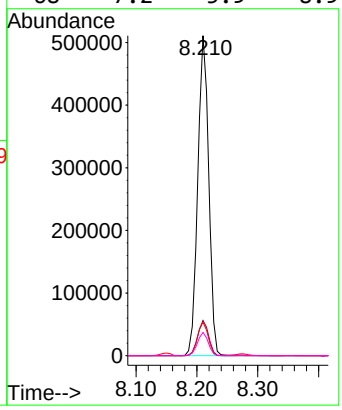


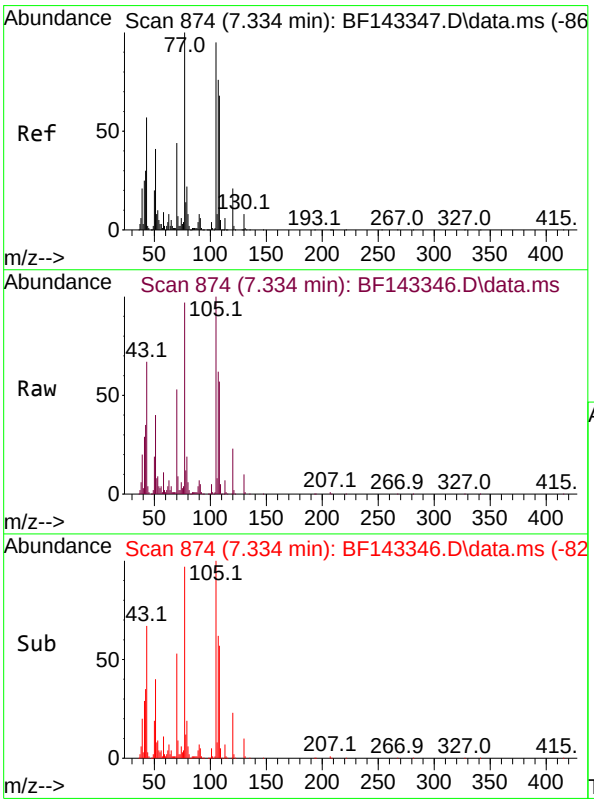
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 640356

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.5	8.4	12.6
68	7.2	5.9	8.9

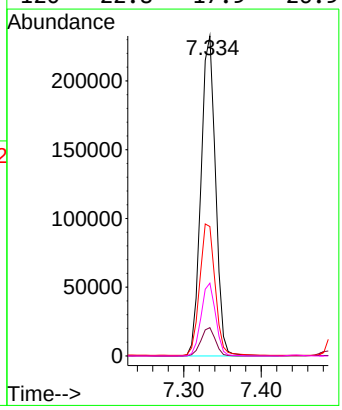


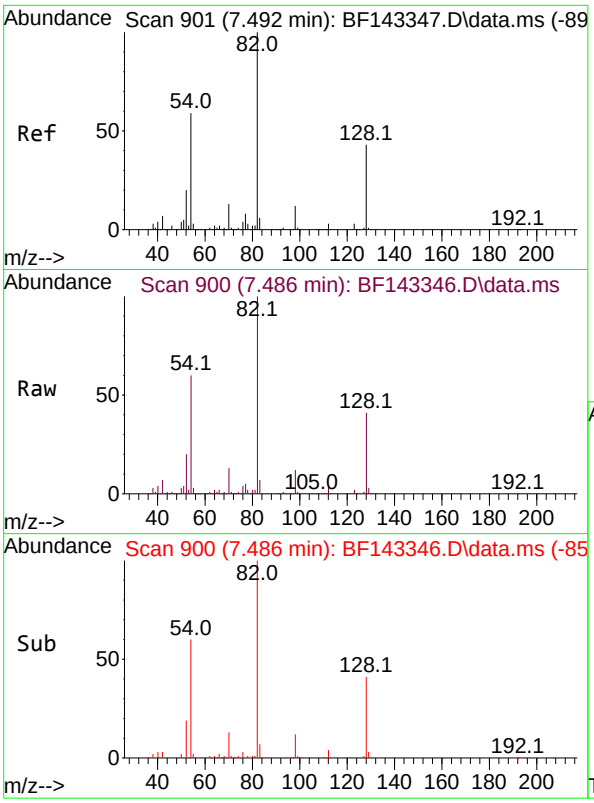


#22
Acetophenone
Concen: 21.576 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:105 Resp: 304419

Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.2	9.4
51	40.5	34.8	52.2
120	22.8	17.9	26.9



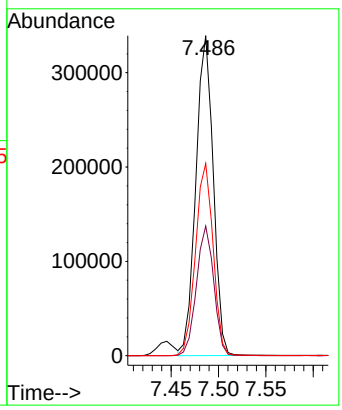


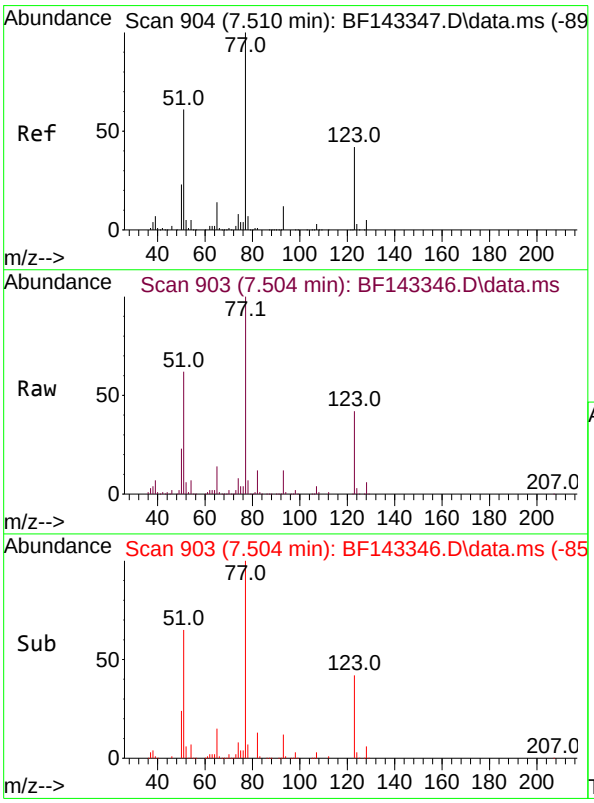
#23
Nitrobenzene-d5
Concen: 42.160 ng
RT: 7.486 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 433525

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.5	50.3
54	60.0	46.7	70.1

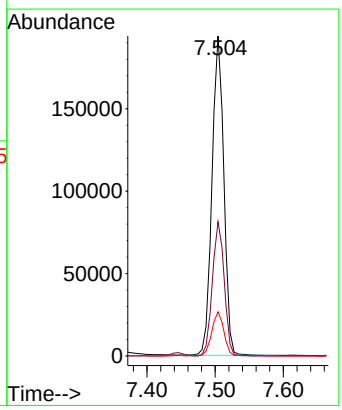


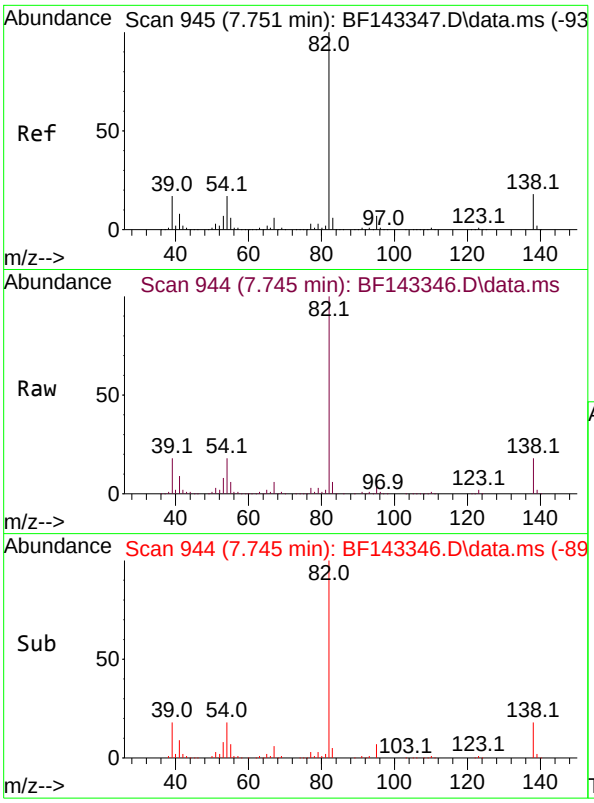


#24
Nitrobenzene
Concen: 21.009 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 77 Resp: 234624

Ion	Ratio	Lower	Upper
77	100		
123	41.9	34.8	52.2
65	13.8	11.0	16.6



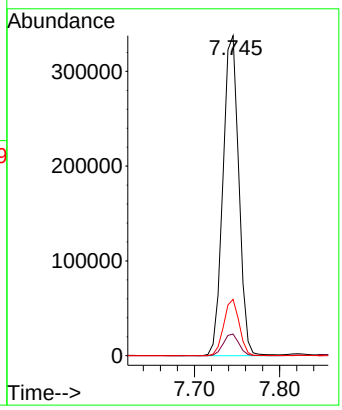


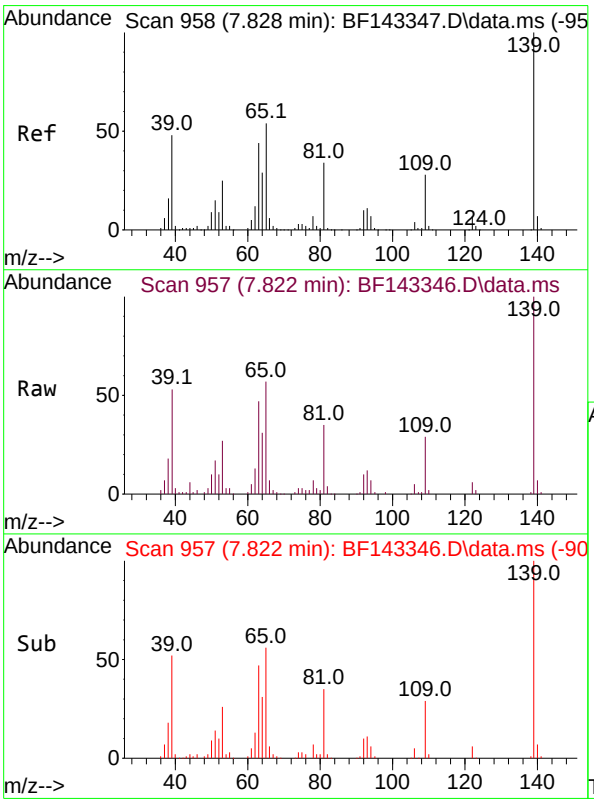
#25
Isophorone
Concen: 20.827 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 437206

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	17.6	14.6	21.8

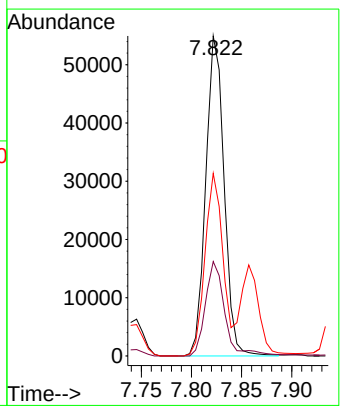


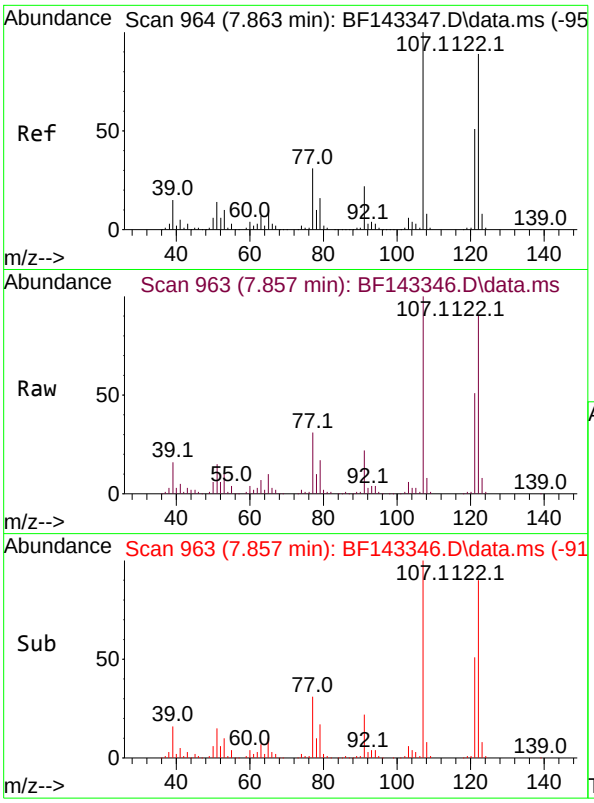


#26
2-Nitrophenol
Concen: 18.121 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:139 Resp: 70117

Ion	Ratio	Lower	Upper
139	100		
109	29.5	22.4	33.6
65	57.1	42.9	64.3



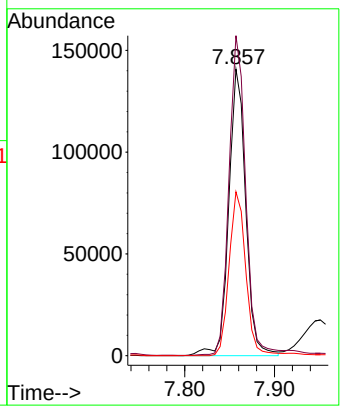


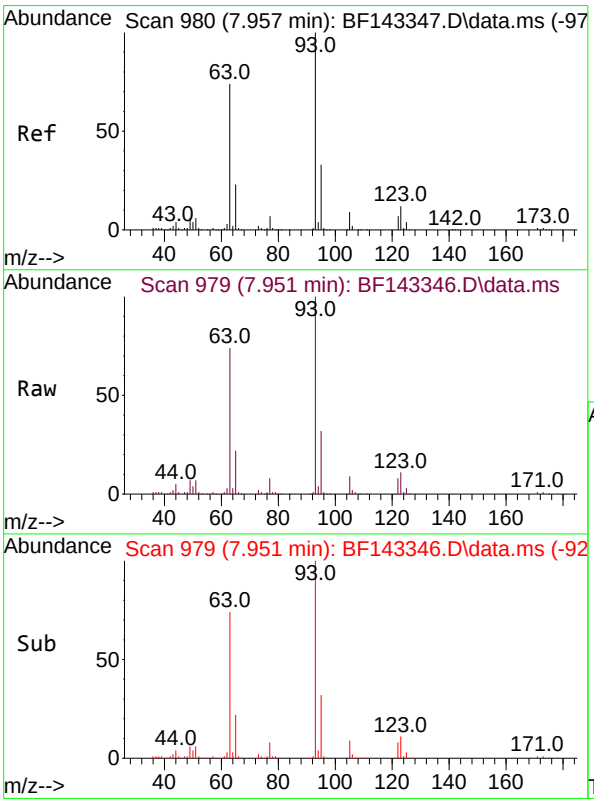
#27
2,4-Dimethylphenol
Concen: 21.087 ng
RT: 7.857 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 184676

Ion	Ratio	Lower	Upper
122	100		
107	111.7	89.9	134.9
121	57.2	46.2	69.4

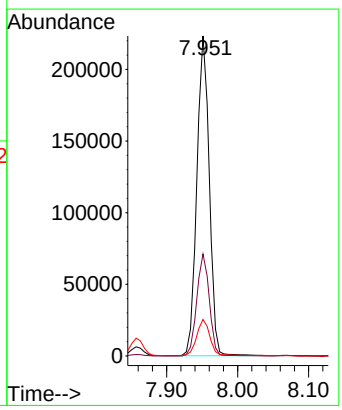


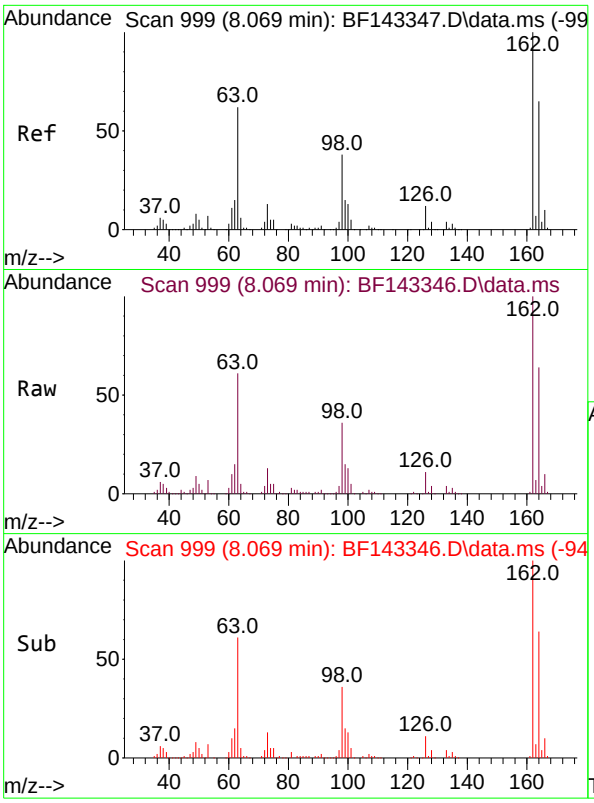


#28
bis(2-Chloroethoxy)methane
Concen: 21.236 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 93 Resp: 272180

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.4
123	11.4	9.4	14.2



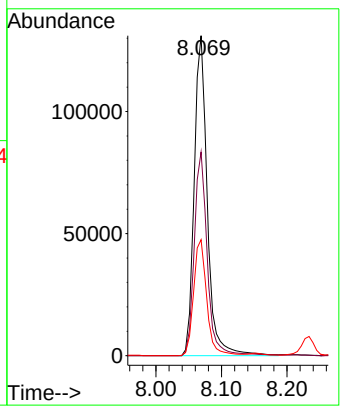


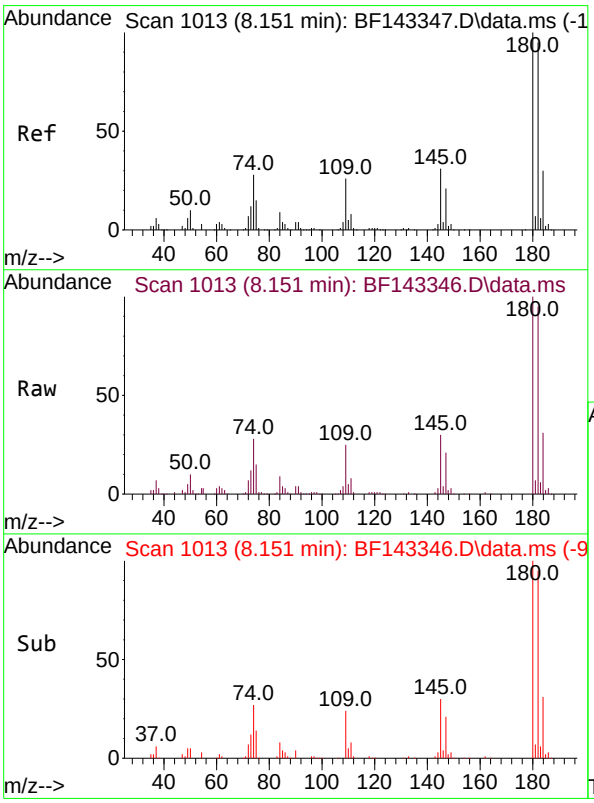
#29
2,4-Dichlorophenol
Concen: 21.380 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 182884

Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.5	84.5
98	36.2	17.7	57.7

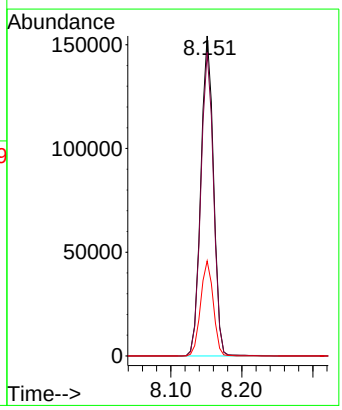


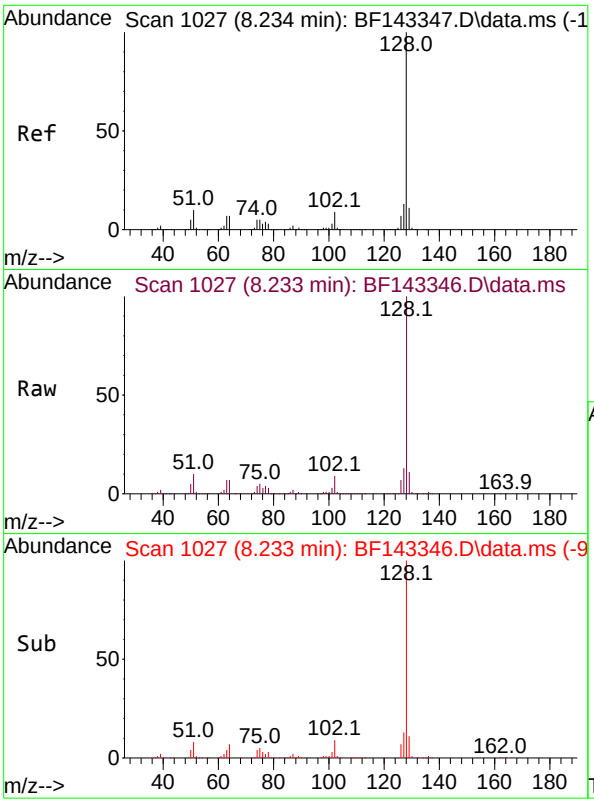


#30
1,2,4-Trichlorobenzene
Concen: 21.247 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:180 Resp: 191714

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.1	114.1
145	29.7	24.9	37.3



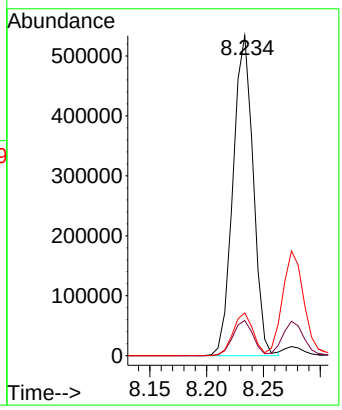


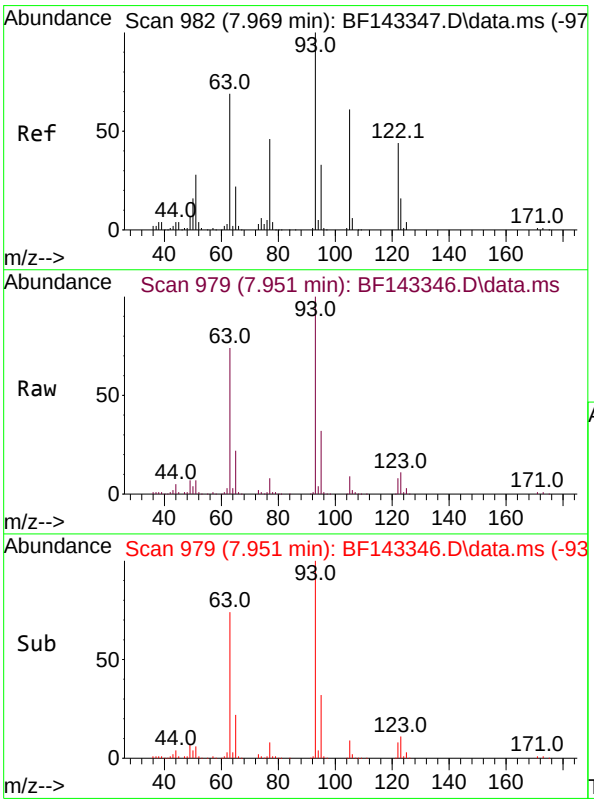
#31
Naphthalene
Concen: 21.378 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 658723

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.4	10.7	16.1

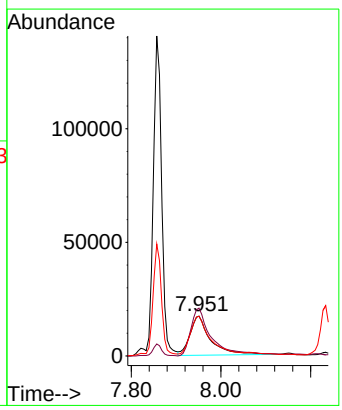


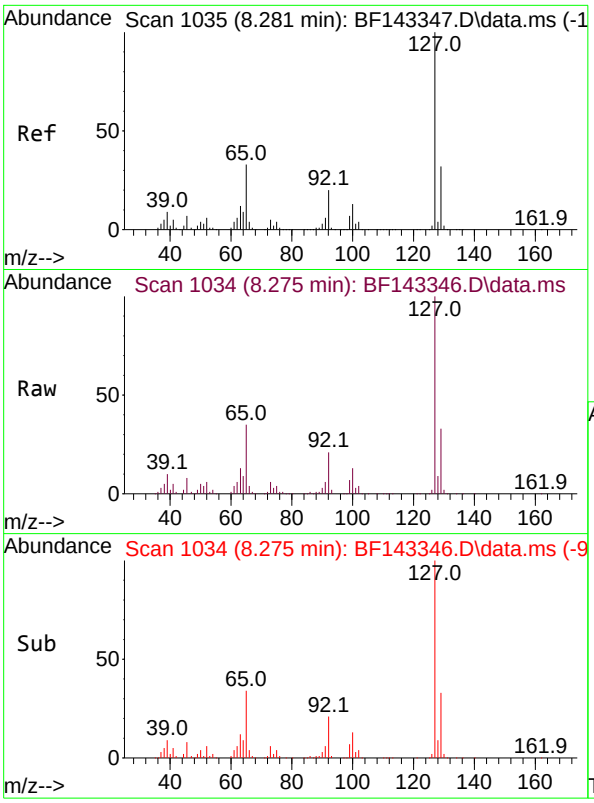


#32
Benzoic acid
Concen: 19.373 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.018 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:122 Resp: 54709

Ion	Ratio	Lower	Upper
122	100		
105	120.0	106.4	146.4
77	99.4	79.2	119.2



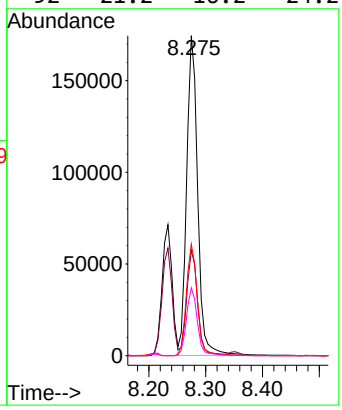


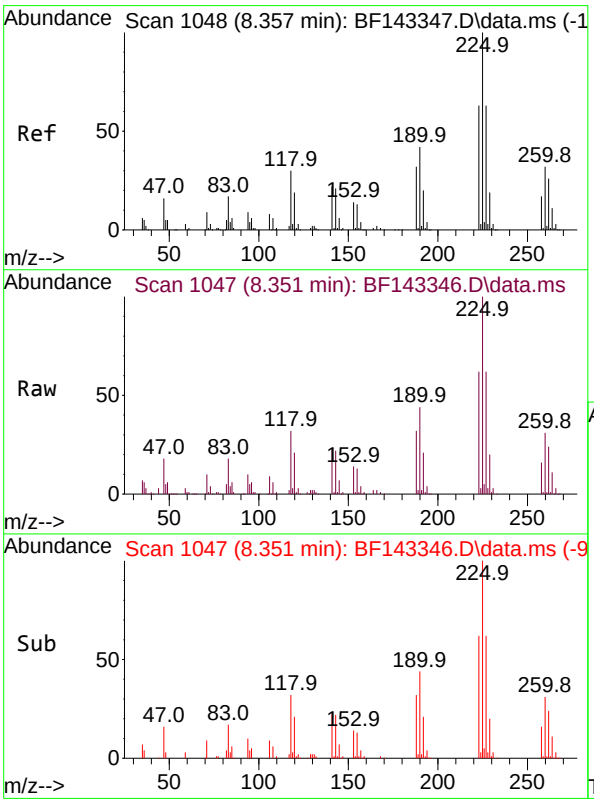
#33
4-Chloroaniline
Concen: 21.152 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 235075

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	34.8	27.0	40.4
92	21.2	16.2	24.2

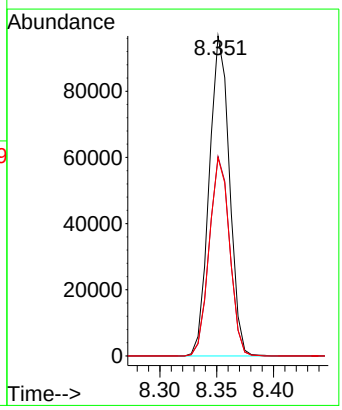


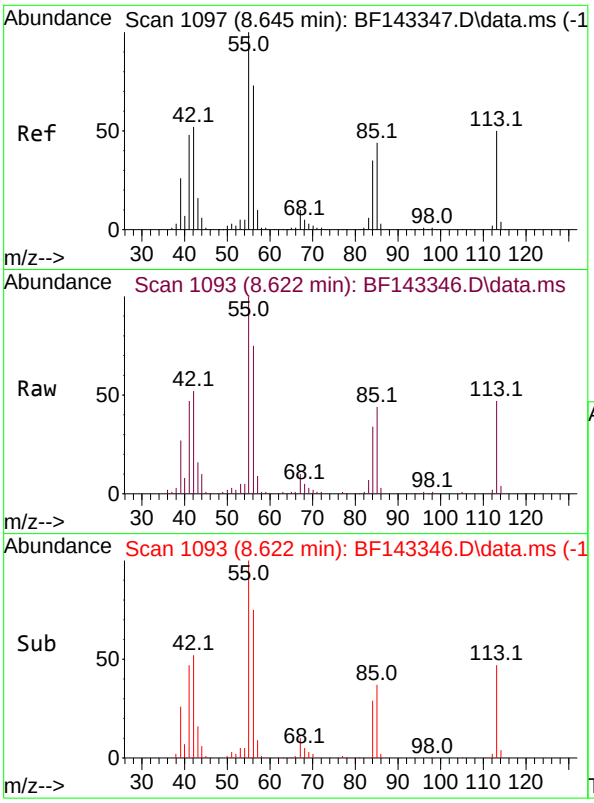


#34
Hexachlorobutadiene
Concen: 21.308 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:225 Resp: 119600

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	61.9	50.6	75.8



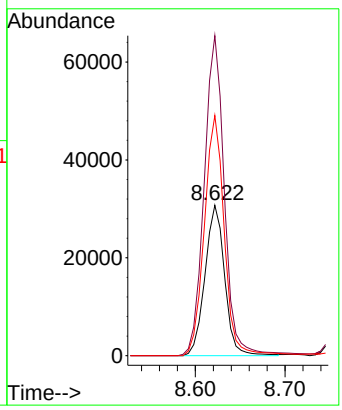


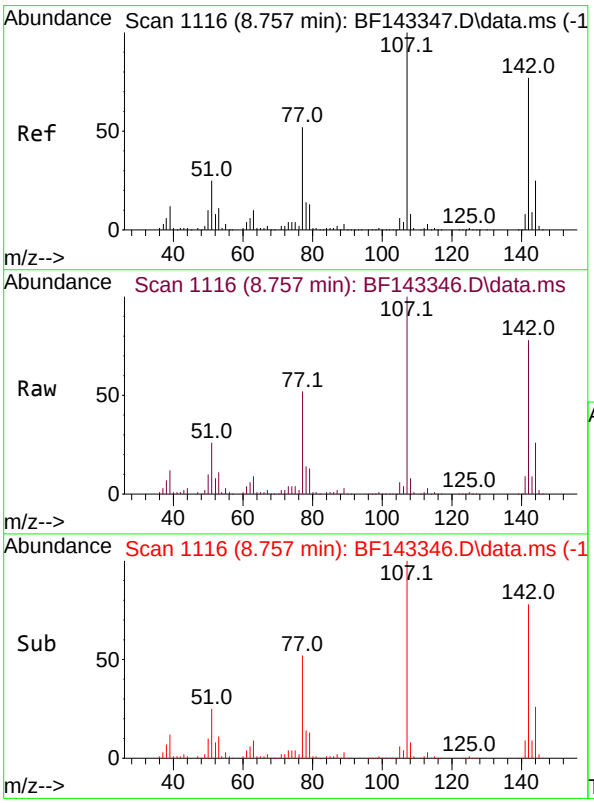
#35
Caprolactam
Concen: 19.474 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 46828

Ion	Ratio	Lower	Upper
113	100		
55	212.8	181.4	221.4
56	159.7	127.3	167.3

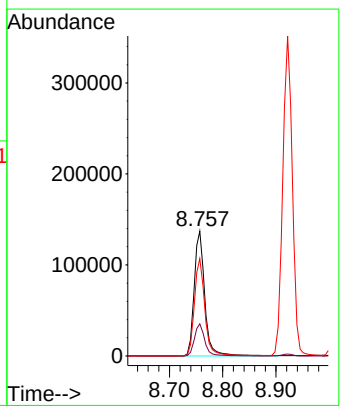


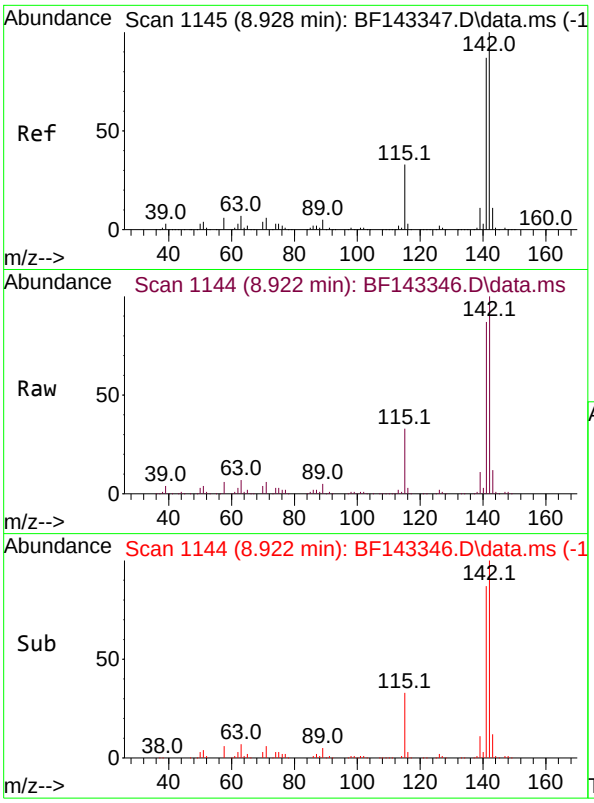


#36
4-Chloro-3-methylphenol
Concen: 21.148 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:107 Resp: 189645

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.0	30.0
142	78.0	61.3	91.9



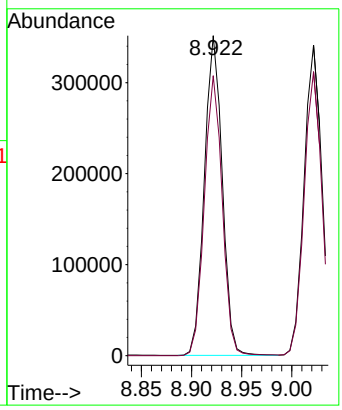


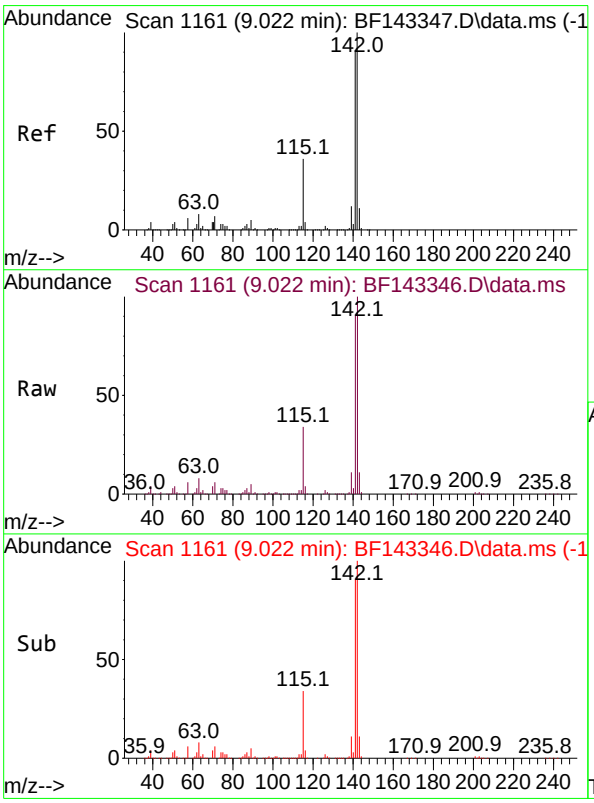
#37
2-Methylnaphthalene
Concen: 21.540 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 436344

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.8

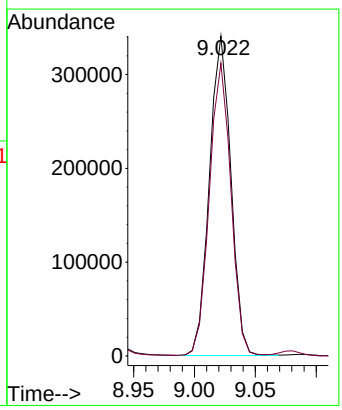


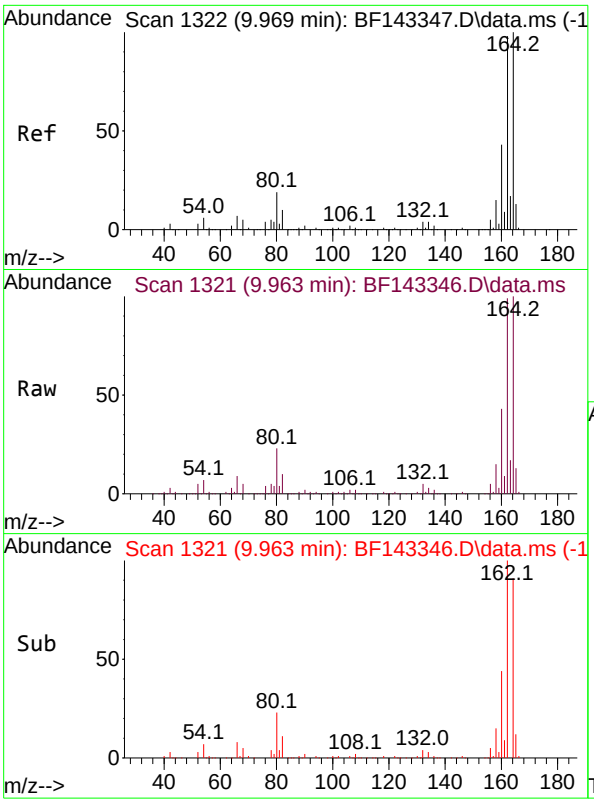


#38
1-Methylnaphthalene
Concen: 21.421 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:142 Resp: 417915

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.4



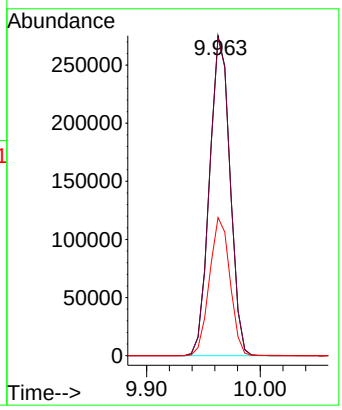


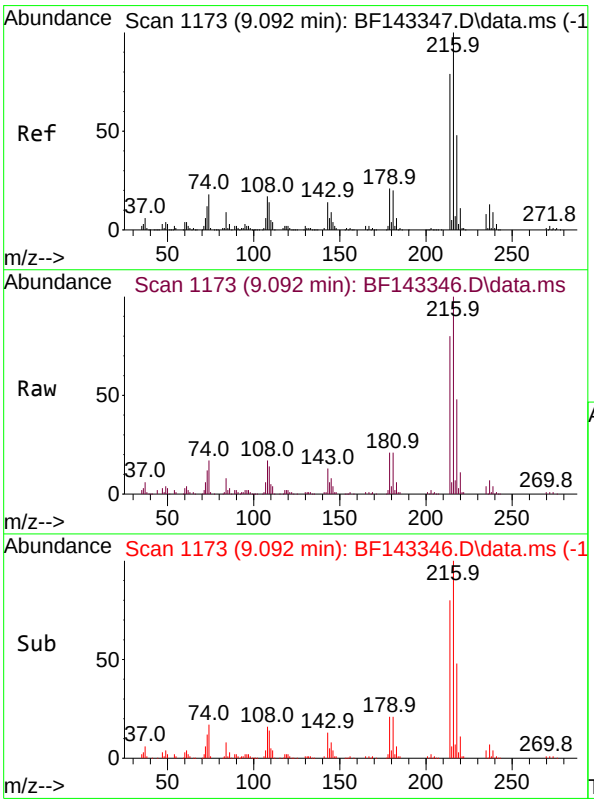
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 345152

Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.6	118.0
160	43.2	34.4	51.6

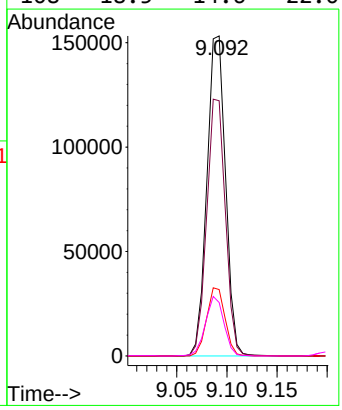


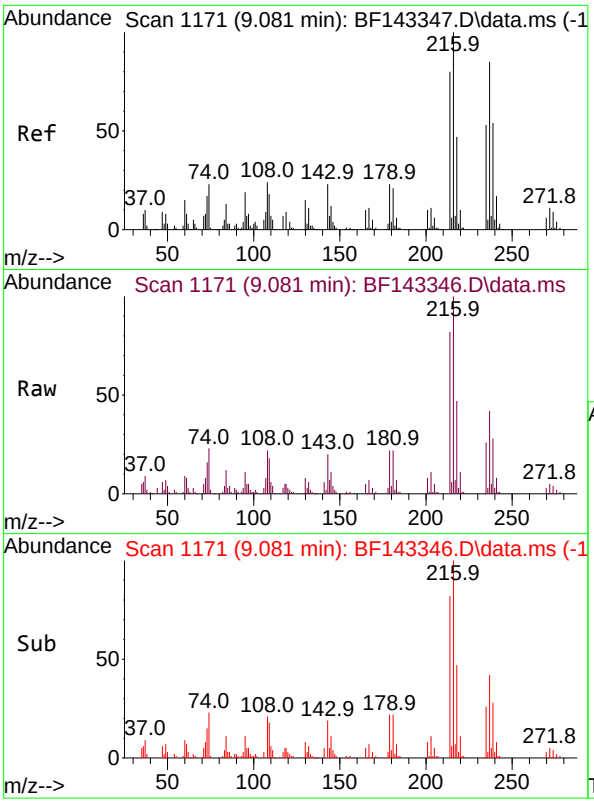


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.001 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:216 Resp: 198354

Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.0	94.4
179	21.0	17.0	25.4
108	18.5	14.6	22.0



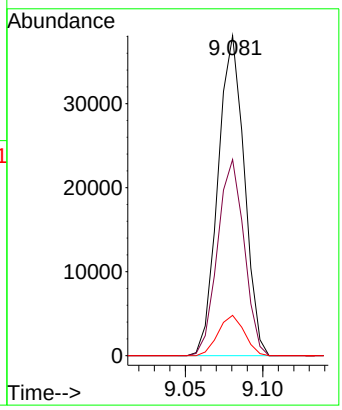


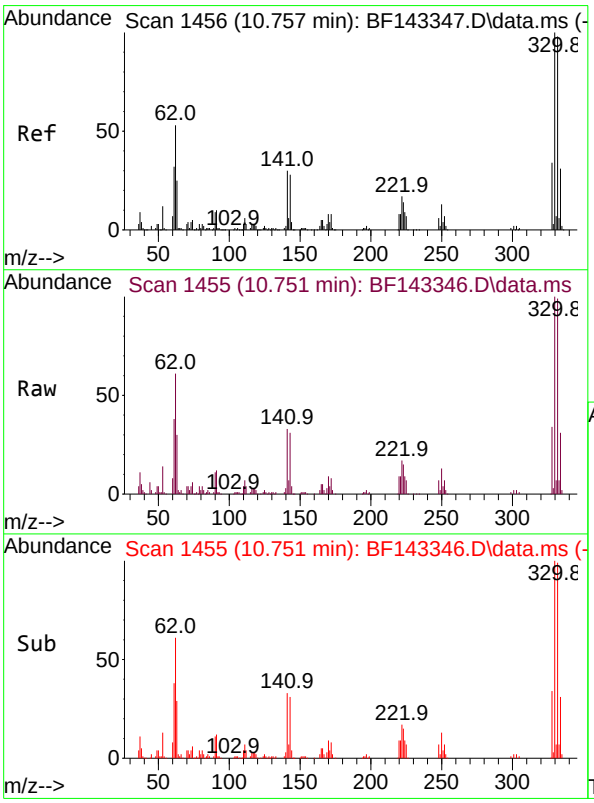
#41
Hexachlorocyclopentadiene
Concen: 19.003 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 44965

Ion	Ratio	Lower	Upper
237	100		
235	61.3	42.0	82.0
272	12.6	0.0	32.6

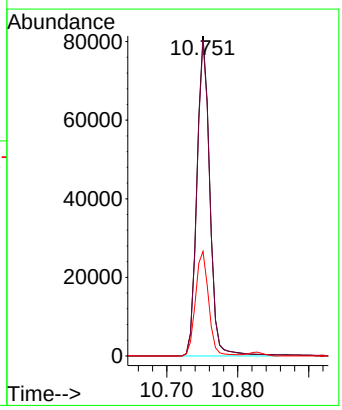


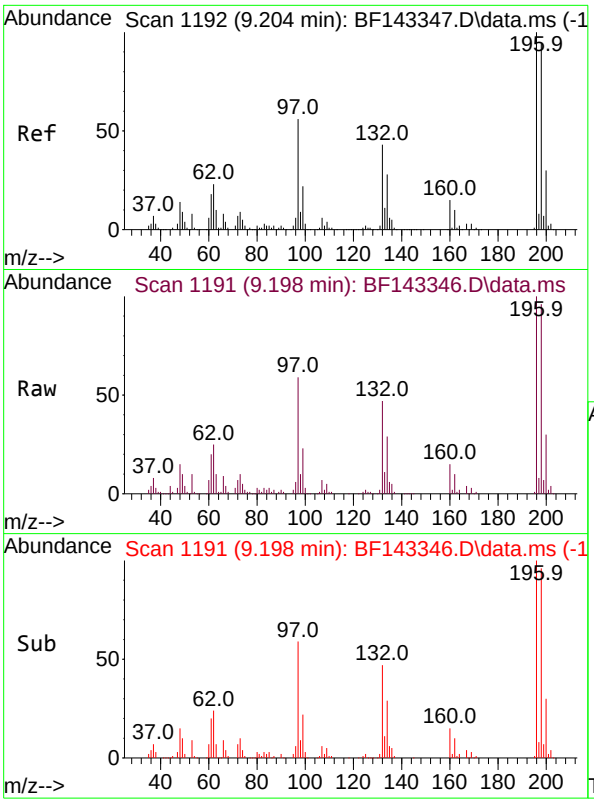


#42
2,4,6-Tribromophenol
Concen: 40.847 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:330 Resp: 103035

Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.1	117.1
141	33.2	25.4	38.0



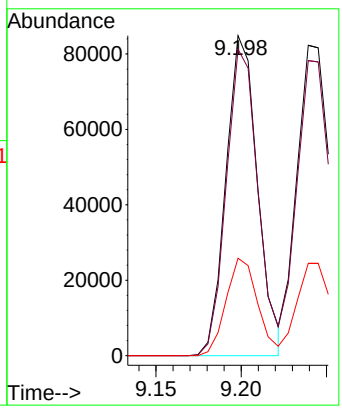


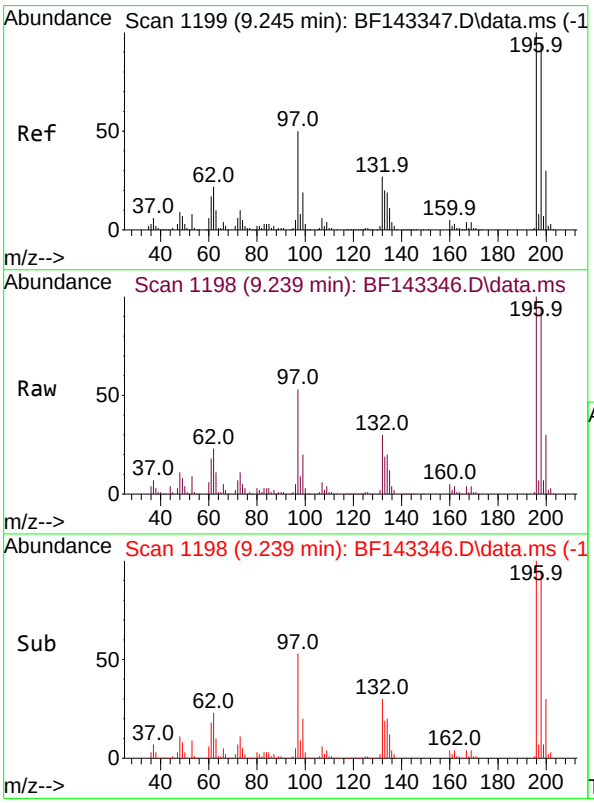
#43
2,4,6-Trichlorophenol
Concen: 20.378 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 109203

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.4	113.0
200	30.4	24.3	36.5

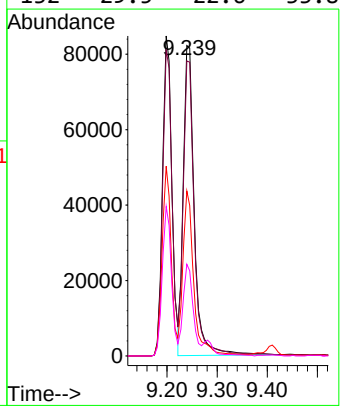


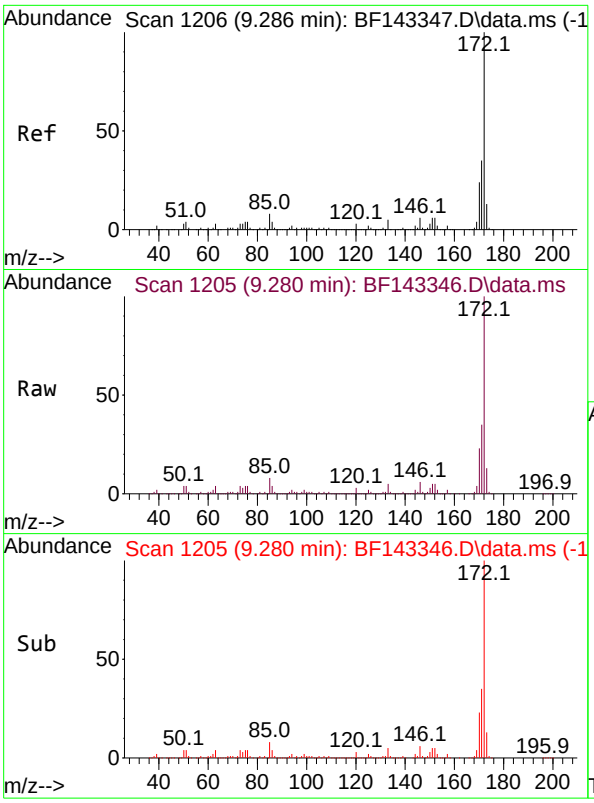


#44
2,4,5-Trichlorophenol
Concen: 20.892 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:196 Resp: 126432

Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.4	113.2
97	53.1	39.9	59.9
132	29.5	22.6	33.8



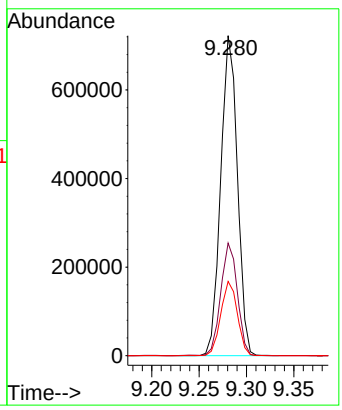


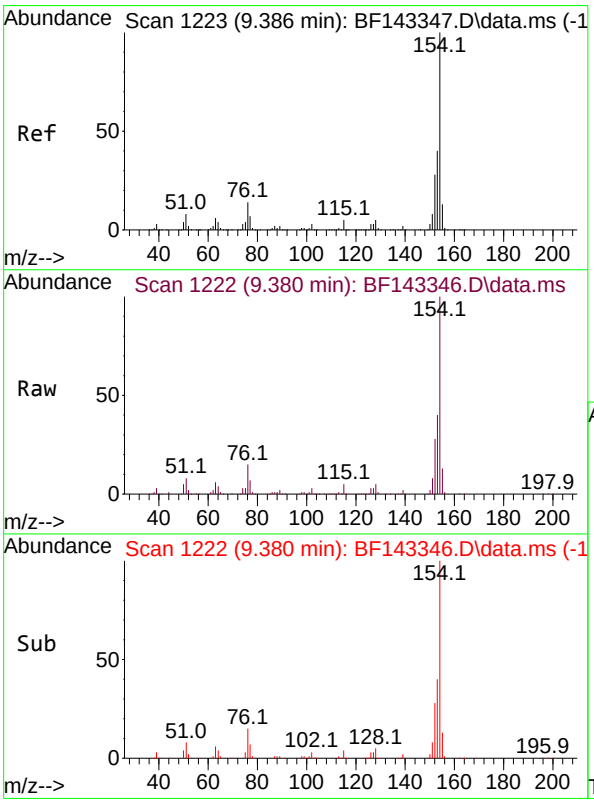
#45
2-Fluorobiphenyl
Concen: 43.569 ng
RT: 9.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 886799

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	23.2	19.1	28.7

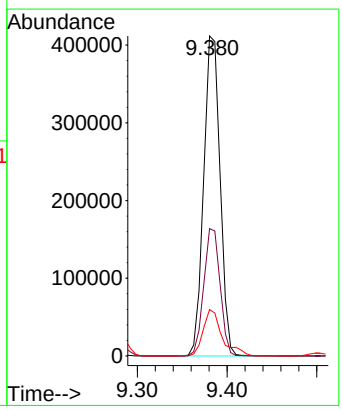


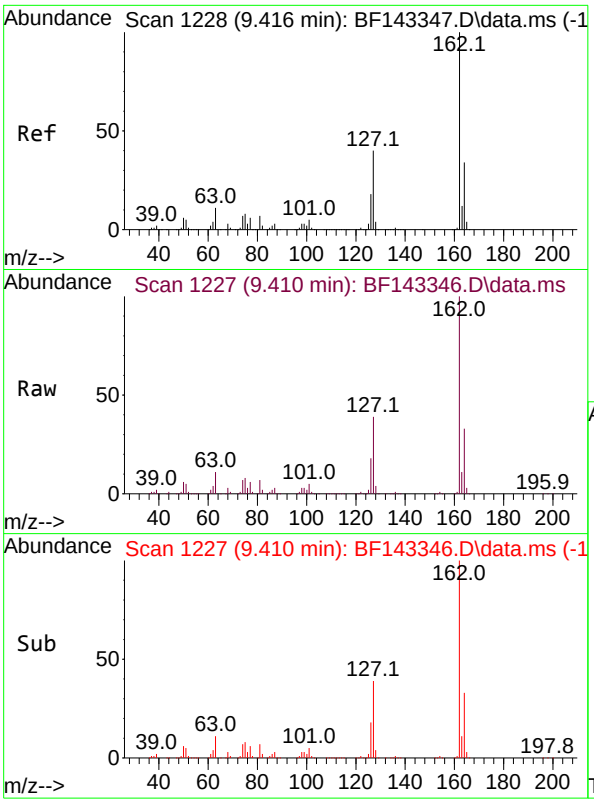


#46
1,1'-Biphenyl
Concen: 21.447 ng
RT: 9.380 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:154 Resp: 523392

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	14.5	0.0	34.4



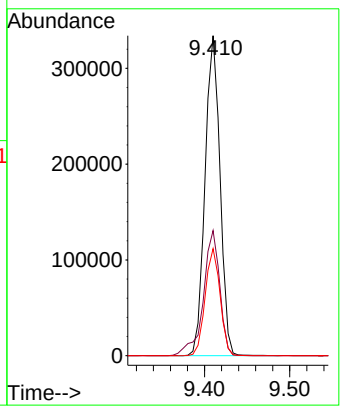


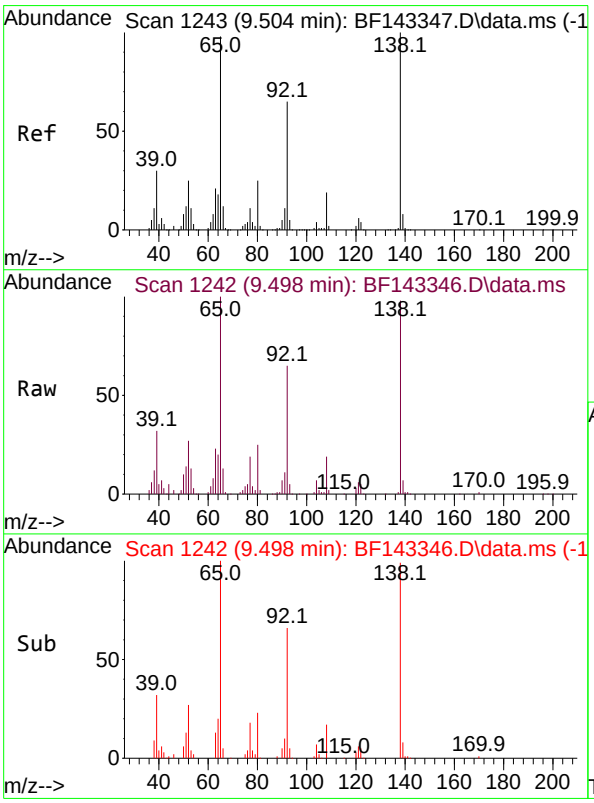
#47
2-Chloronaphthalene
Concen: 21.196 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 407385

Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.1	48.1
164	33.4	27.0	40.4

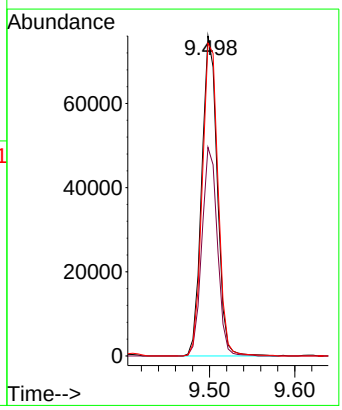


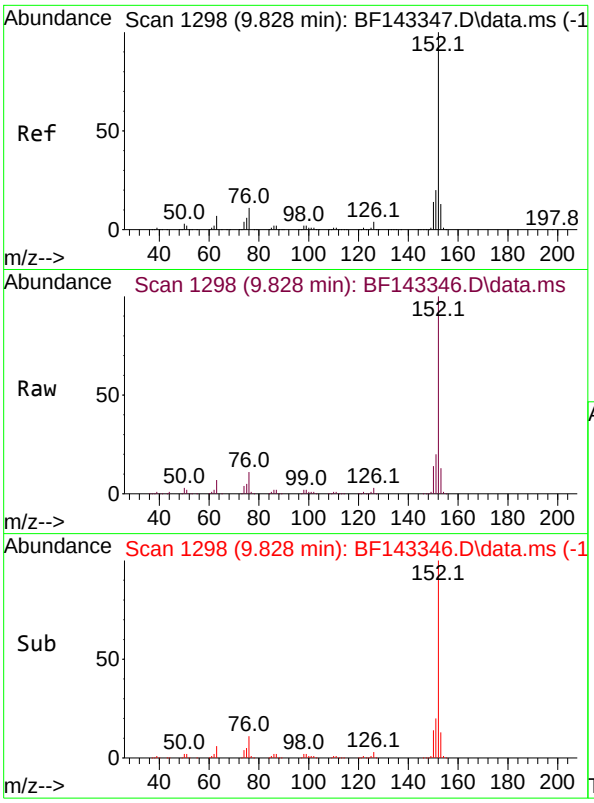


#48
2-Nitroaniline
Concen: 19.121 ng
RT: 9.498 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 65 Resp: 96206

Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.1	79.7
138	97.7	81.4	122.0



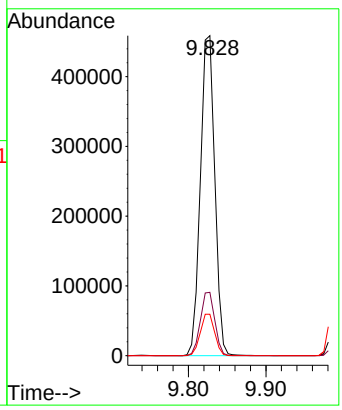


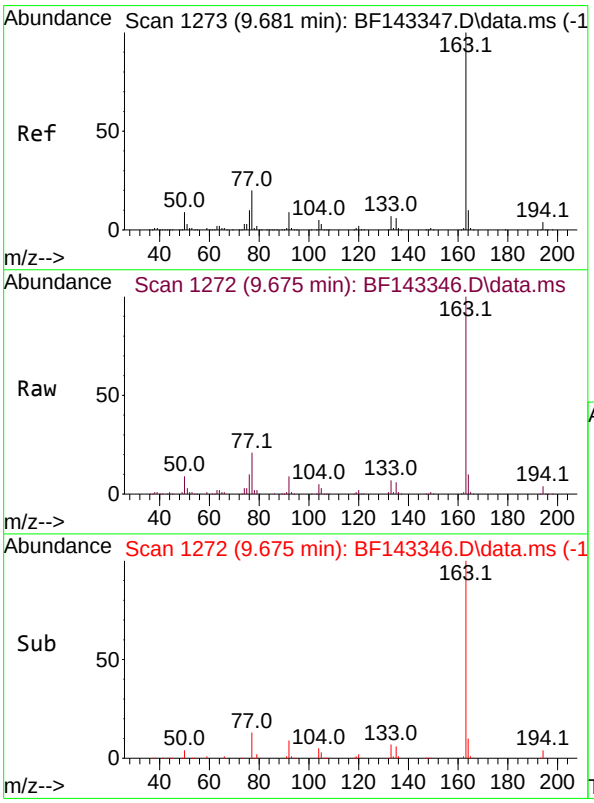
#49
Acenaphthylene
Concen: 21.374 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 593246

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.0	10.6	16.0

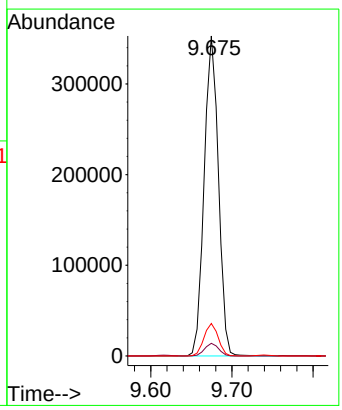


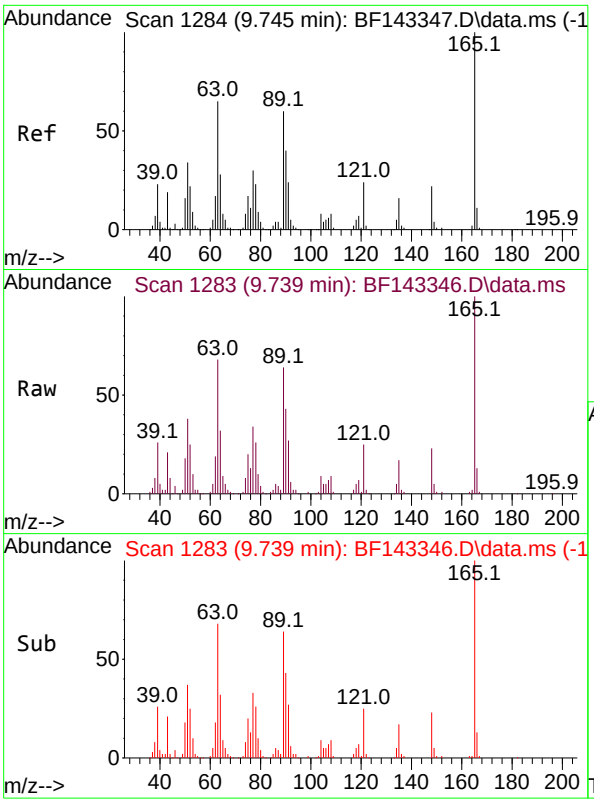


#50
Dimethylphthalate
Concen: 21.297 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:163 Resp: 429516

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.1	8.2	12.2



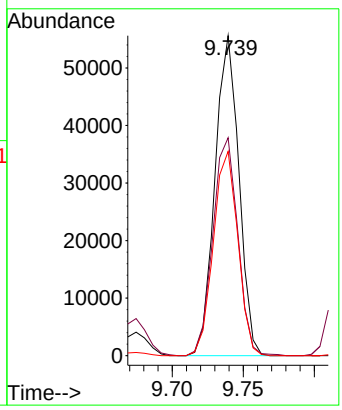


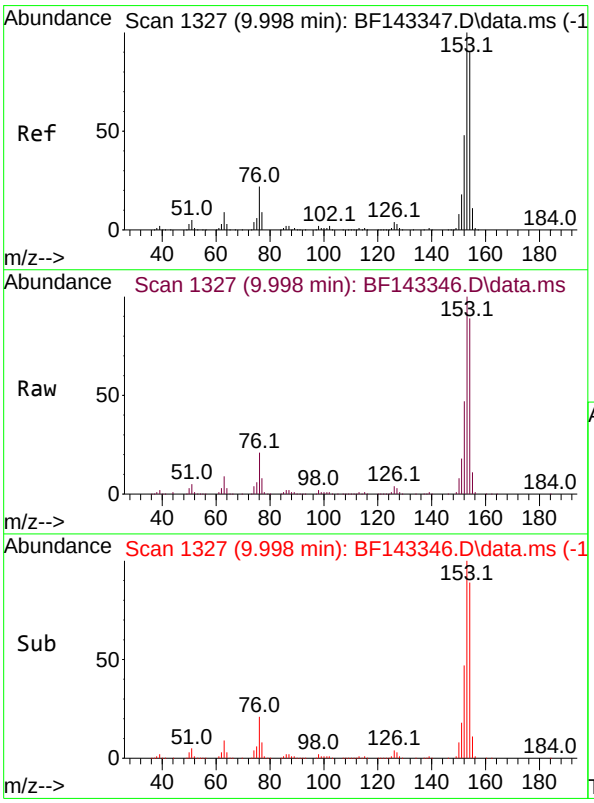
#51
2,6-Dinitrotoluene
Concen: 18.954 ng
RT: 9.739 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 65043

Ion	Ratio	Lower	Upper
165	100		
63	68.1	51.6	77.4
89	63.9	47.7	71.5

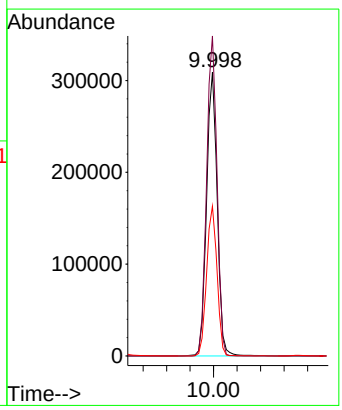


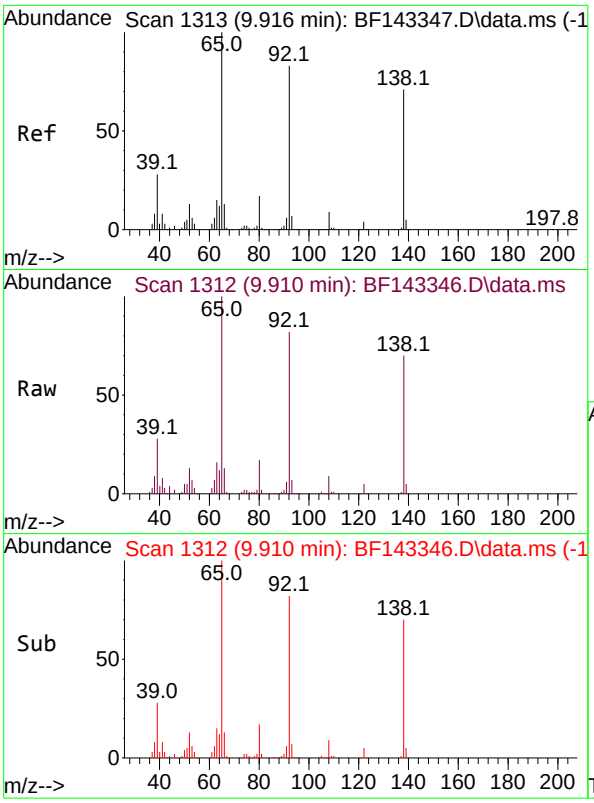


#52
Acenaphthene
Concen: 20.959 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:154 Resp: 386752

Ion	Ratio	Lower	Upper
154	100		
153	112.8	88.5	132.7
152	52.8	42.4	63.6



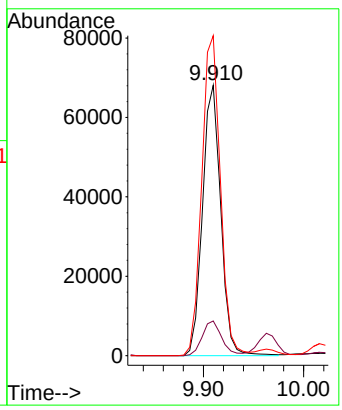


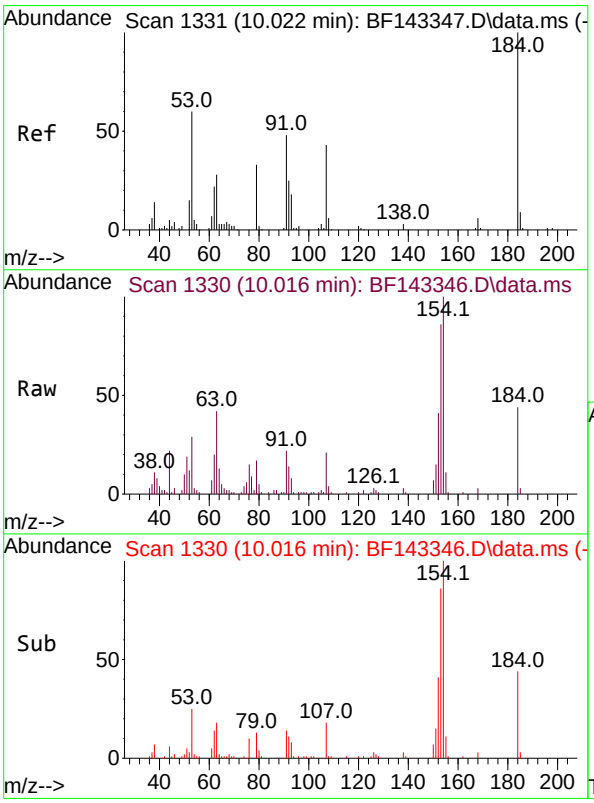
#53
3-Nitroaniline
Concen: 20.928 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 86436

Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.6	14.4
92	118.3	93.4	140.2

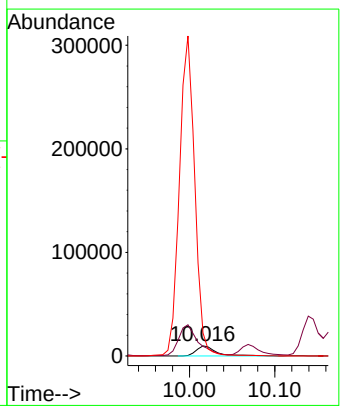


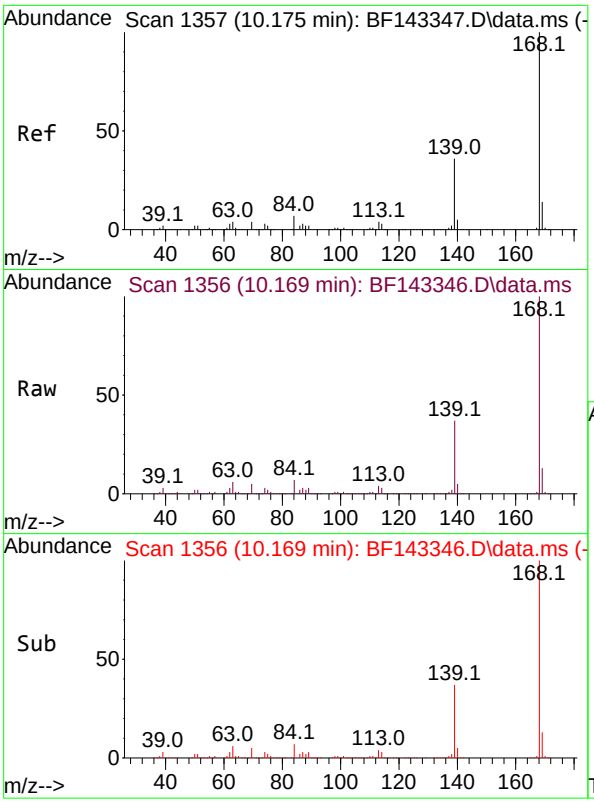


#54
2,4-Dinitrophenol
Concen: 19.272 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:184 Resp: 15765

Ion	Ratio	Lower	Upper
184	100		
63	95.6	62.5	93.7#
154	228.4	73.0	109.4#



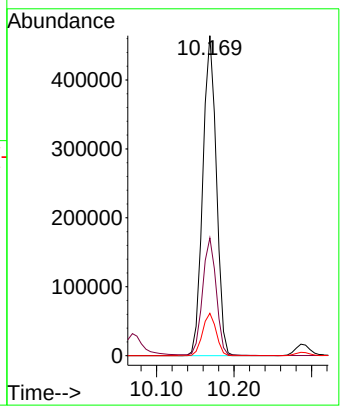


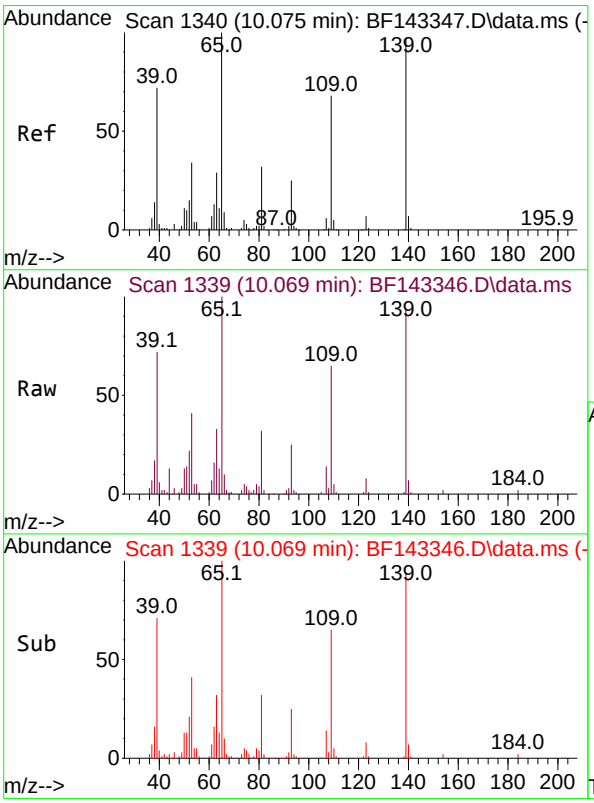
#55
Dibenzofuran
Concen: 21.238 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 564025

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.4	44.0
169	13.3	11.0	16.6

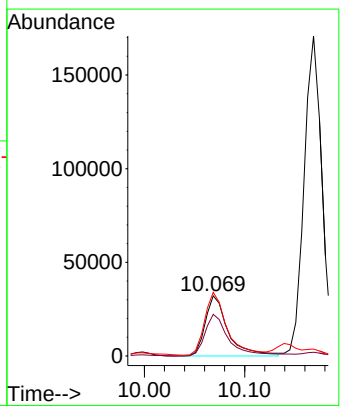


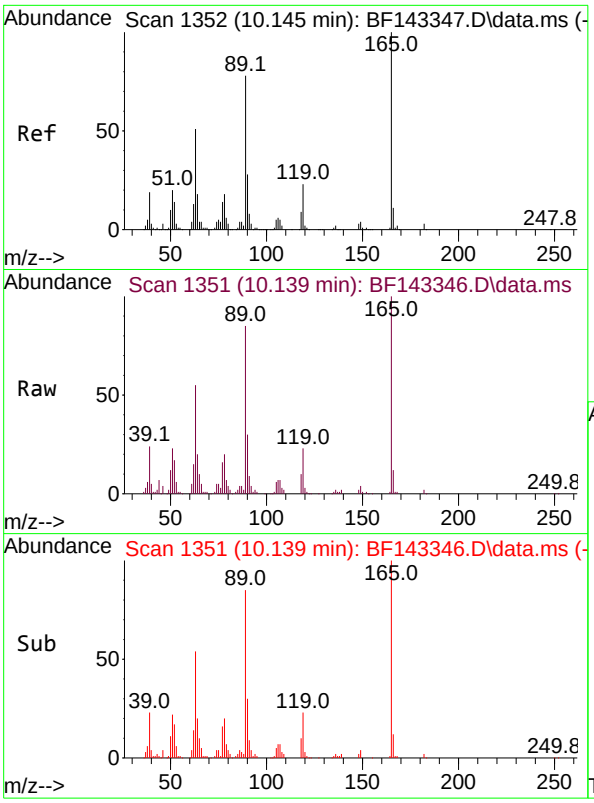


#56
4-Nitrophenol
Concen: 19.809 ng
RT: 10.069 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:139 Resp: 50785

Ion	Ratio	Lower	Upper
139	100		
109	69.3	49.4	89.4
65	105.9	83.7	123.7



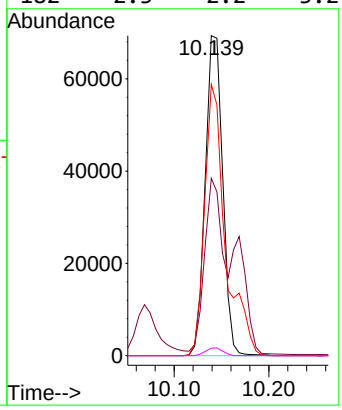


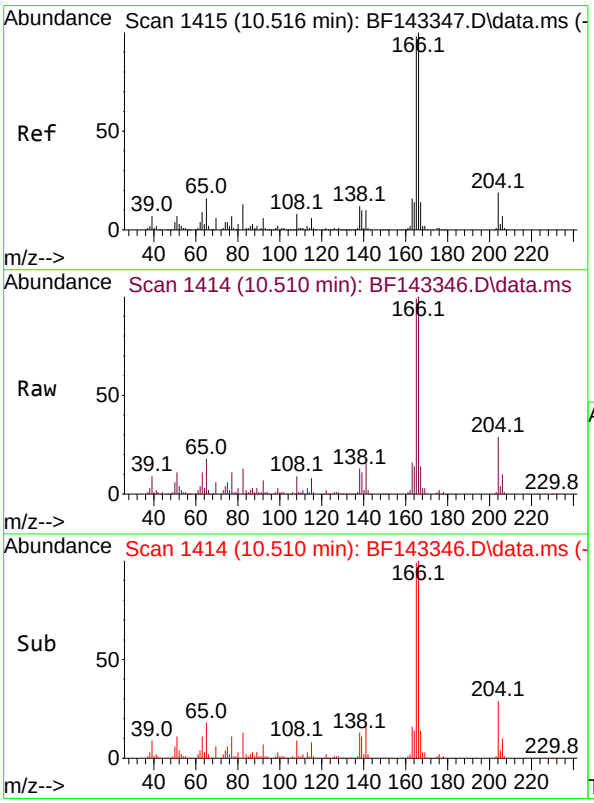
#57
2,4-Dinitrotoluene
Concen: 19.432 ng
RT: 10.139 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 88718

Ion	Ratio	Lower	Upper
165	100		
63	55.4	41.8	62.8
89	84.8	62.4	93.6
182	2.3	2.2	3.2

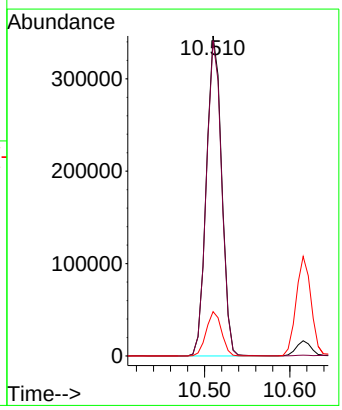


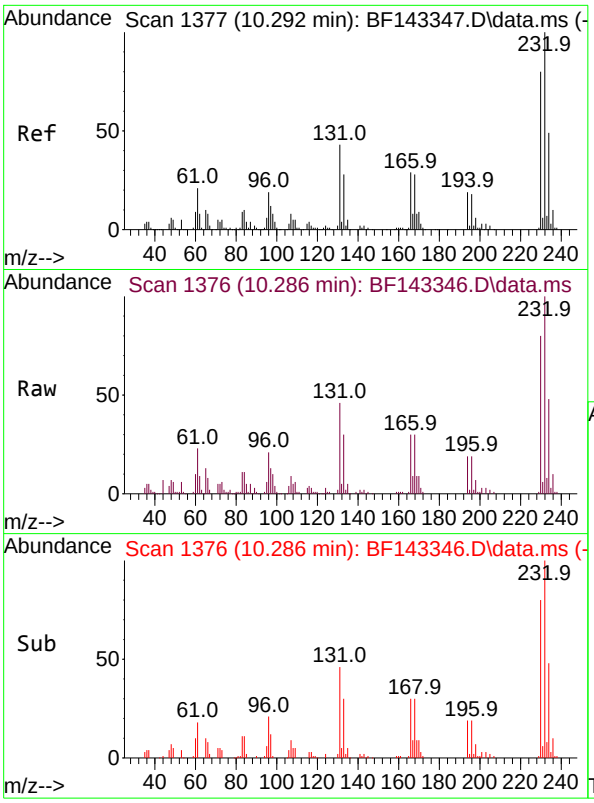


#58
Fluorene
Concen: 21.289 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:166 Resp: 431847

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.4
167	13.9	10.9	16.3



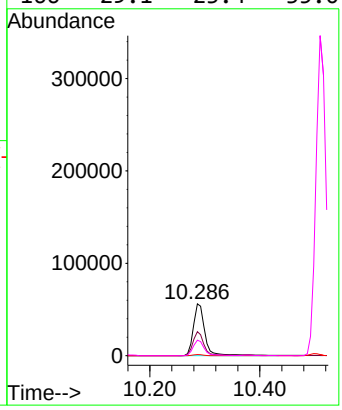


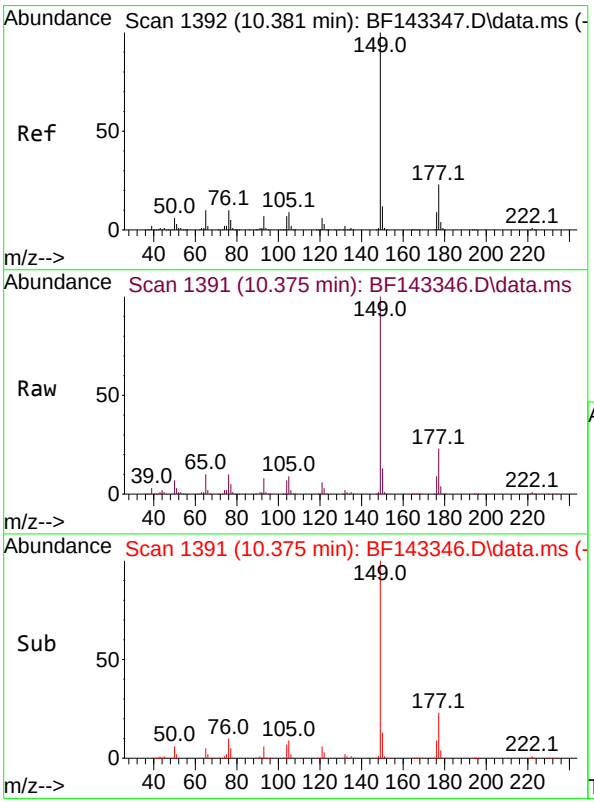
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.975 ng
RT: 10.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 81483

Ion	Ratio	Lower	Upper
232	100		
131	43.9	34.6	51.8
130	1.9	1.7	2.5
166	29.1	23.4	35.0

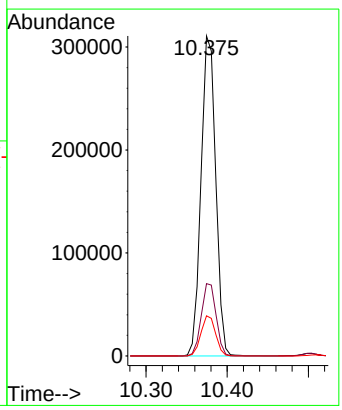


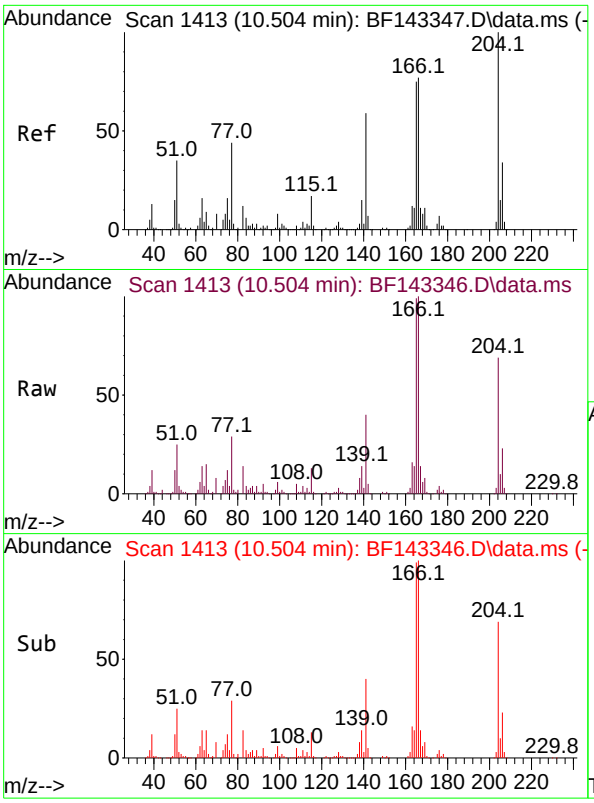


#60
Diethylphthalate
Concen: 21.624 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:149 Resp: 390634

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.6	9.9	14.9



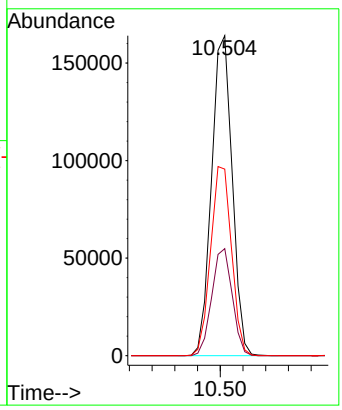


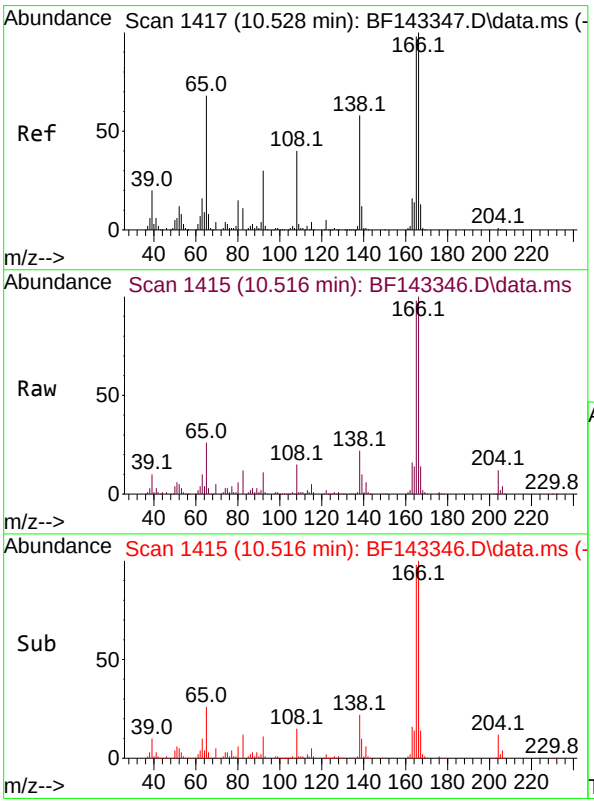
#61
4-Chlorophenyl-phenylether
Concen: 21.124 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 207053

Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.4	41.2
141	58.3	46.9	70.3

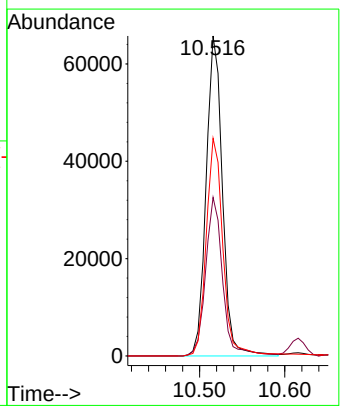


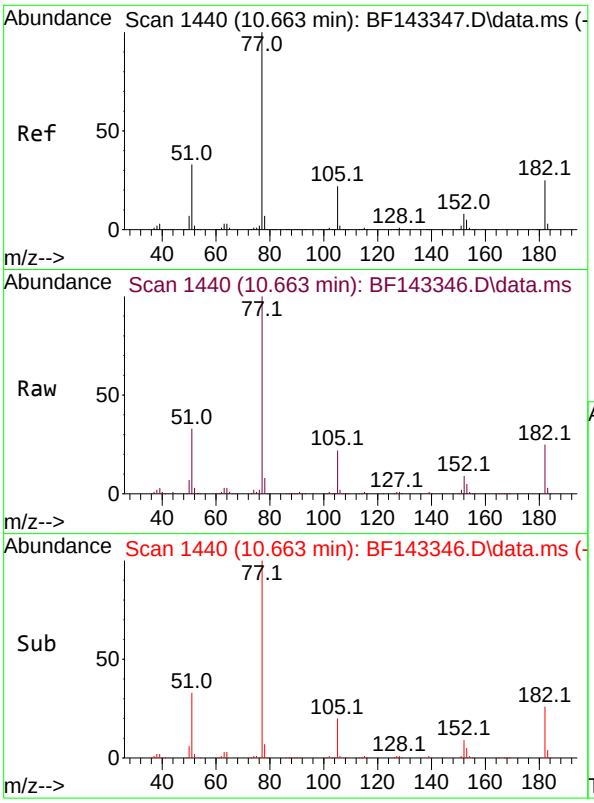


#62
4-Nitroaniline
Concen: 21.864 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:138 Resp: 87370

Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.2	71.2
108	68.0	48.1	88.1



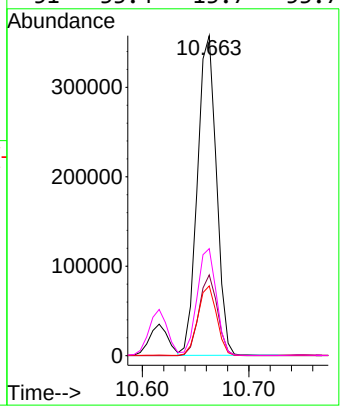


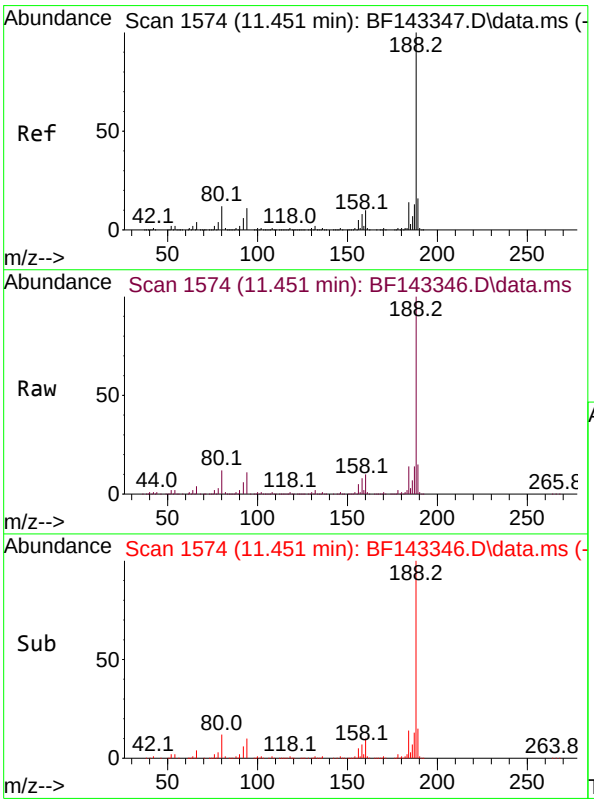
#63
Azobenzene
Concen: 21.493 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 443476

Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.4	44.4
105	21.8	1.8	41.8
51	33.4	13.7	53.7

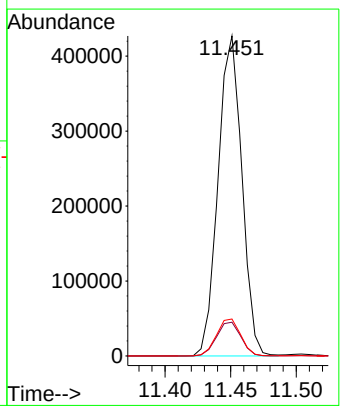


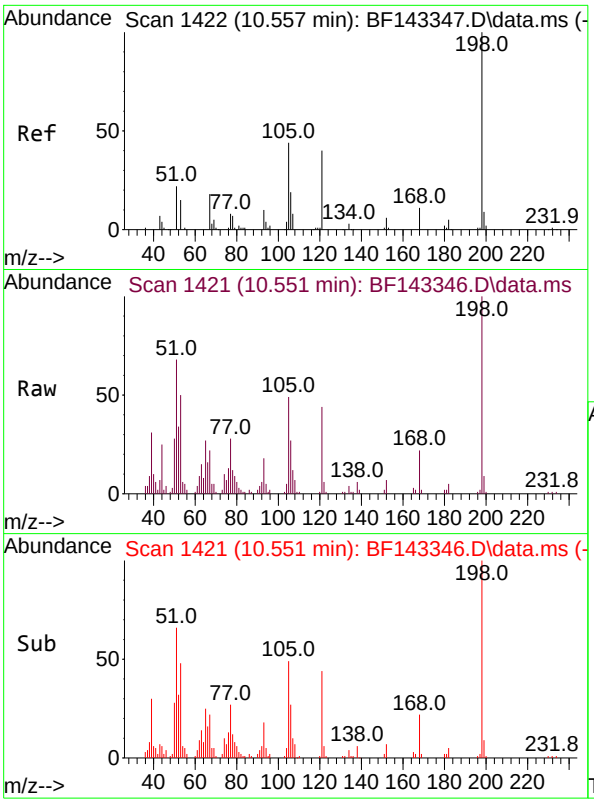


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:188 Resp: 538915

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.8	13.2
80	11.6	9.7	14.5



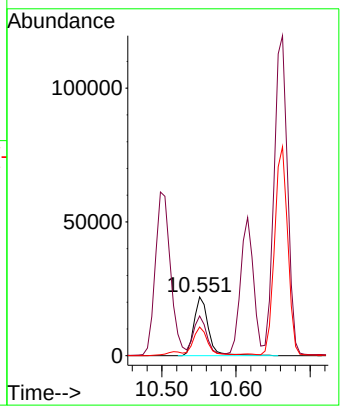


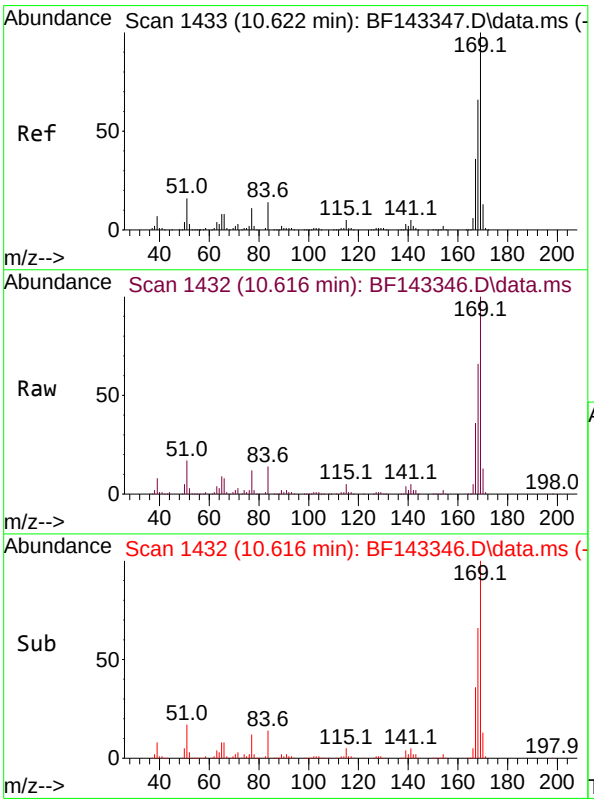
#65
4,6-Dinitro-2-methylphenol
Concen: 18.676 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 29324

Ion	Ratio	Lower	Upper
198	100		
51	67.6	41.7	81.7
105	48.9	26.8	66.8

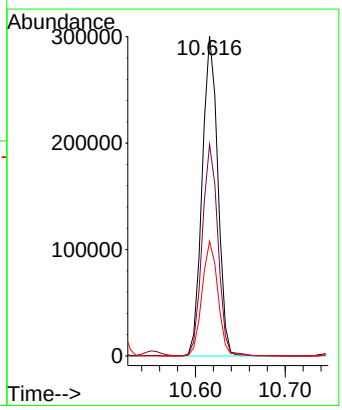


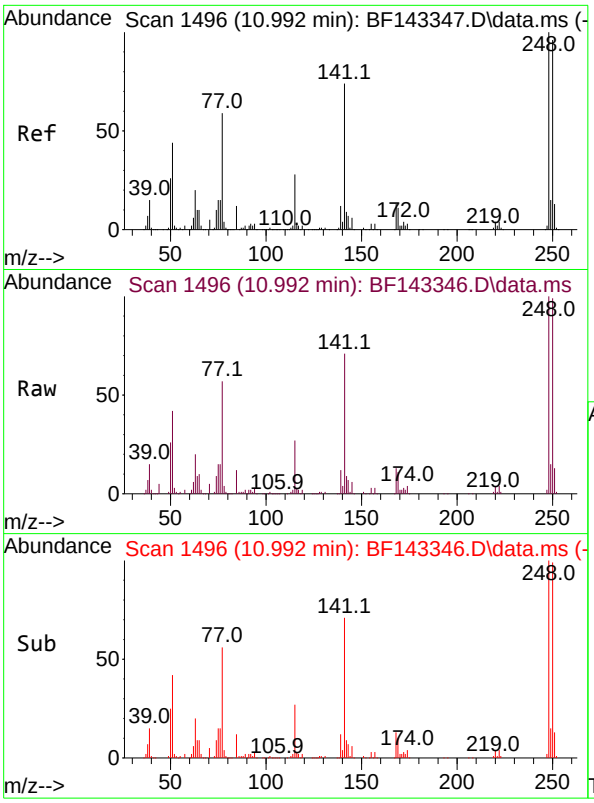


#66
n-Nitrosodiphenylamine
Concen: 20.469 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:169 Resp: 363227

Ion	Ratio	Lower	Upper
169	100		
168	66.1	52.7	79.1
167	35.8	28.6	42.8



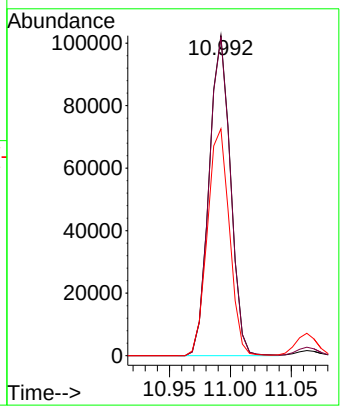


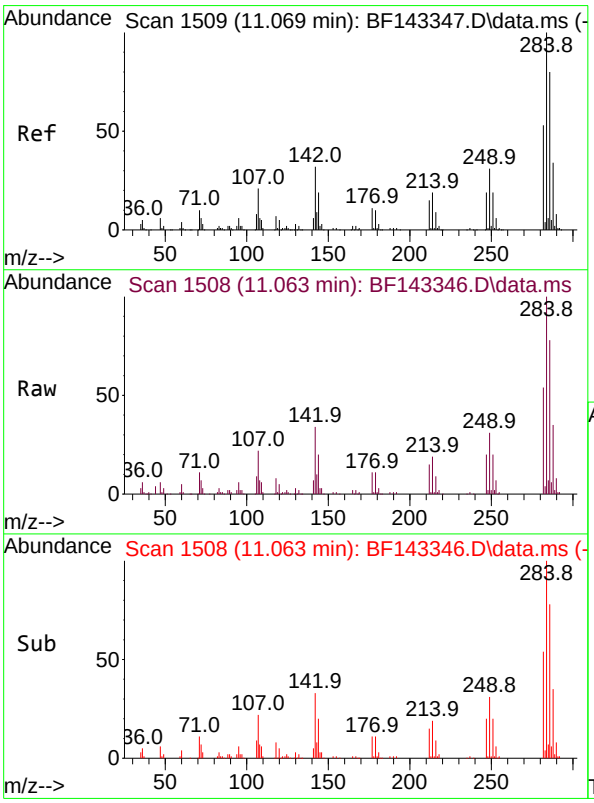
#67
4-Bromophenyl-phenylether
Concen: 20.293 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 125072

Ion	Ratio	Lower	Upper
248	100		
250	99.5	77.1	115.7
141	70.9	59.1	88.7

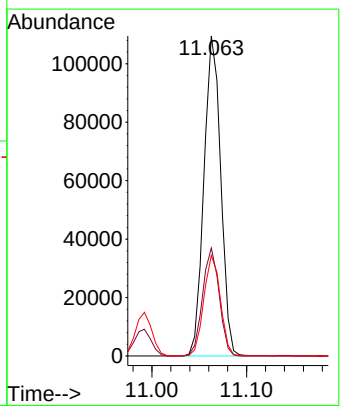


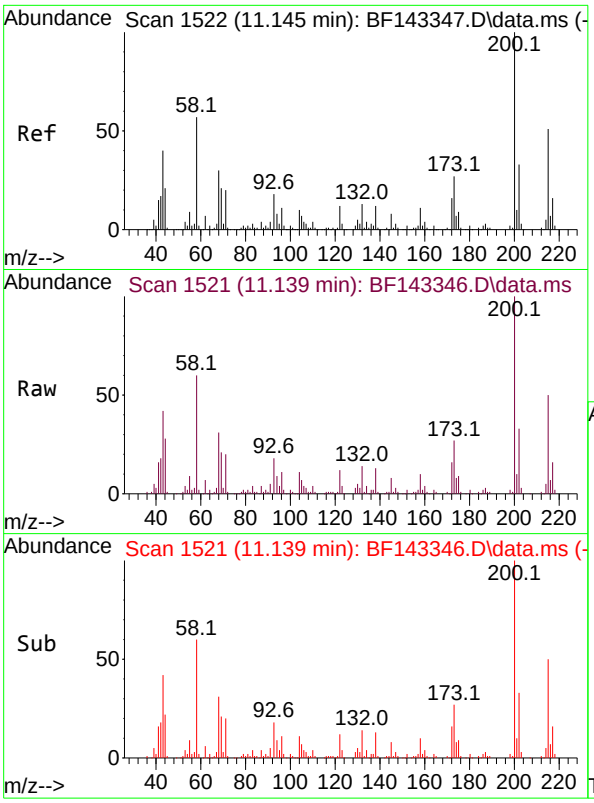


#68
Hexachlorobenzene
Concen: 20.290 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:284 Resp: 134796

Ion	Ratio	Lower	Upper
284	100		
142	33.8	25.7	38.5
249	31.4	24.6	37.0



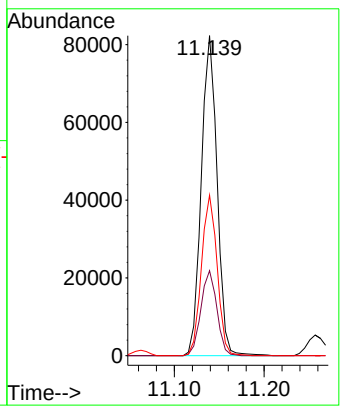


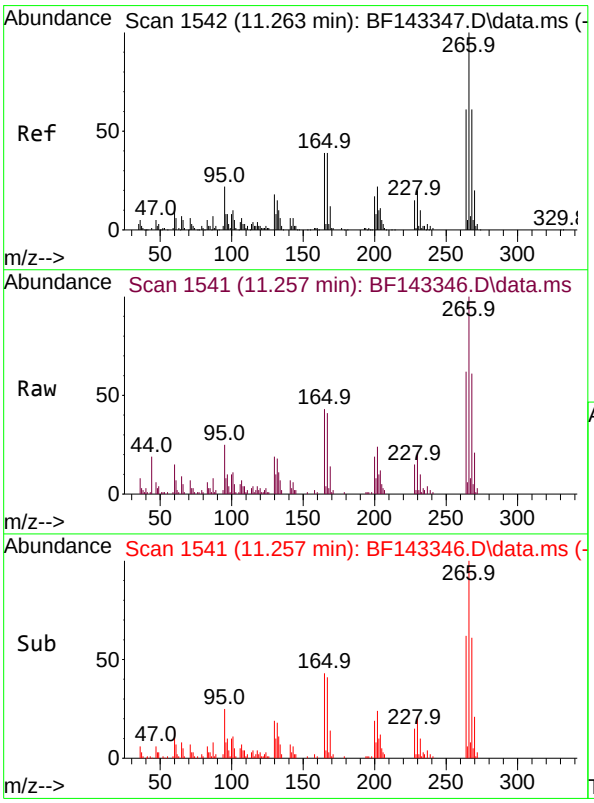
#69
Atrazine
Concen: 21.725 ng
RT: 11.139 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 100549

Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	50.1	30.6	70.6

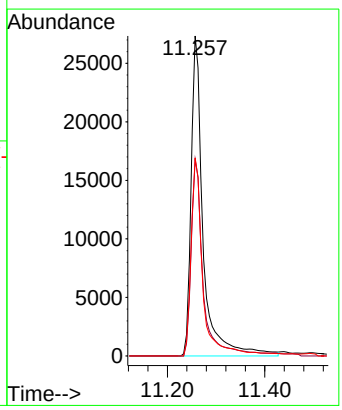


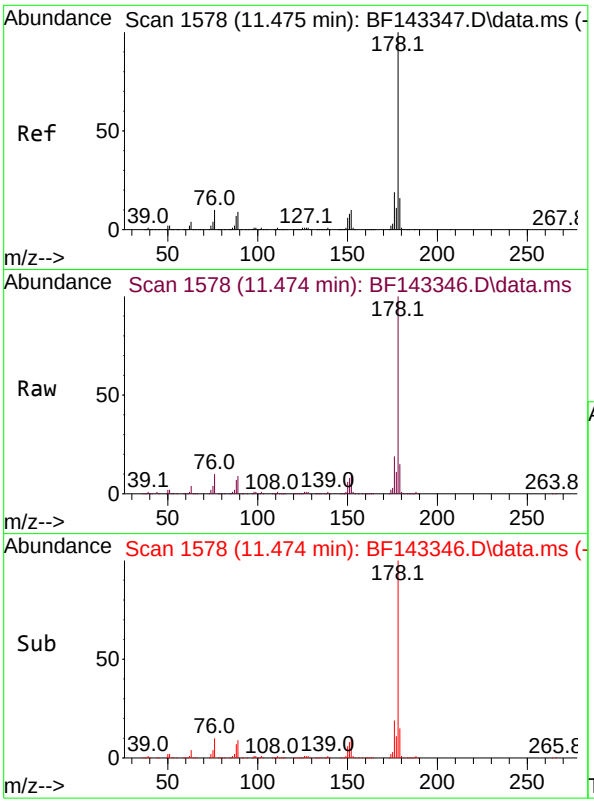


#70
Pentachlorophenol
Concen: 19.347 ng
RT: 11.257 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:266 Resp: 47147

Ion	Ratio	Lower	Upper
266	100		
268	61.5	48.8	73.2
264	61.9	48.8	73.2



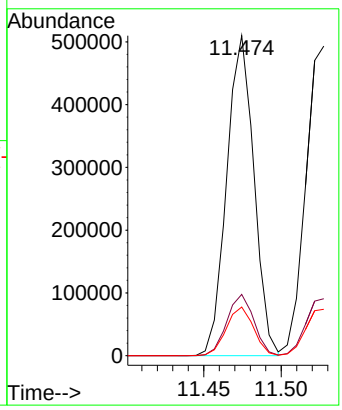


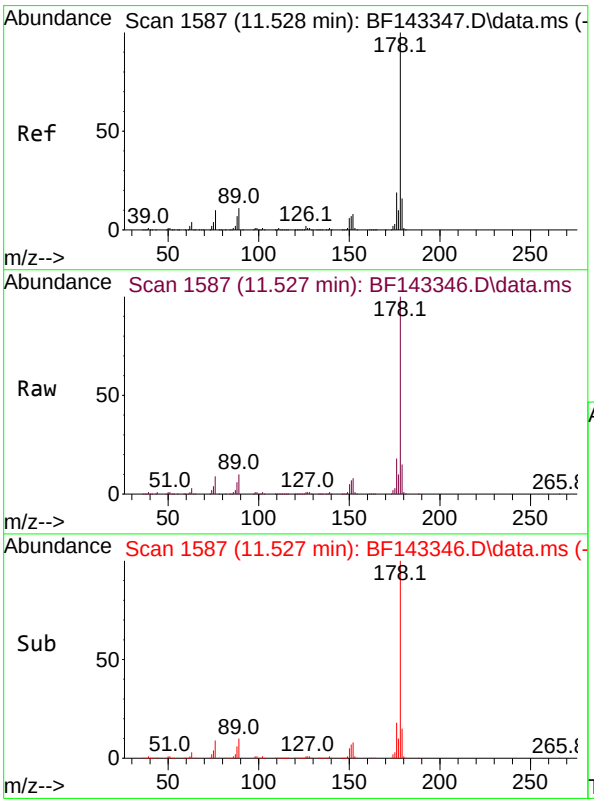
#71
Phenanthrene
Concen: 21.181 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 622794

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.5	18.7

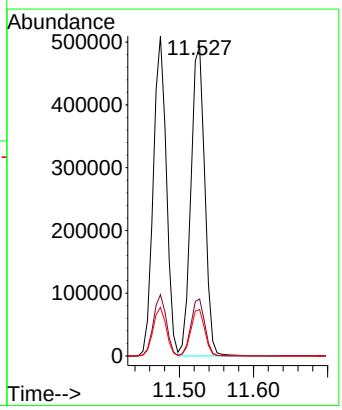


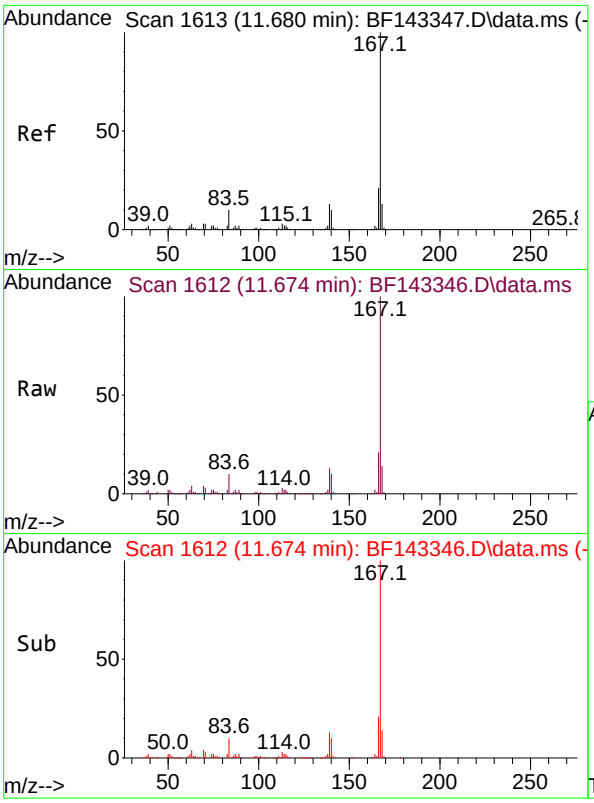


#72
Anthracene
Concen: 21.401 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:178 Resp: 638169

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.0	12.7	19.1



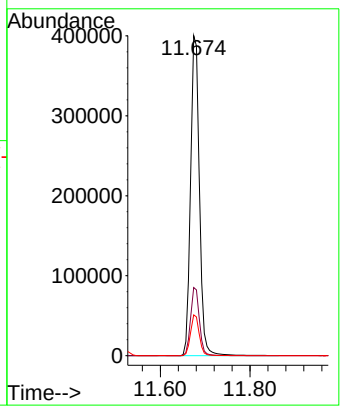


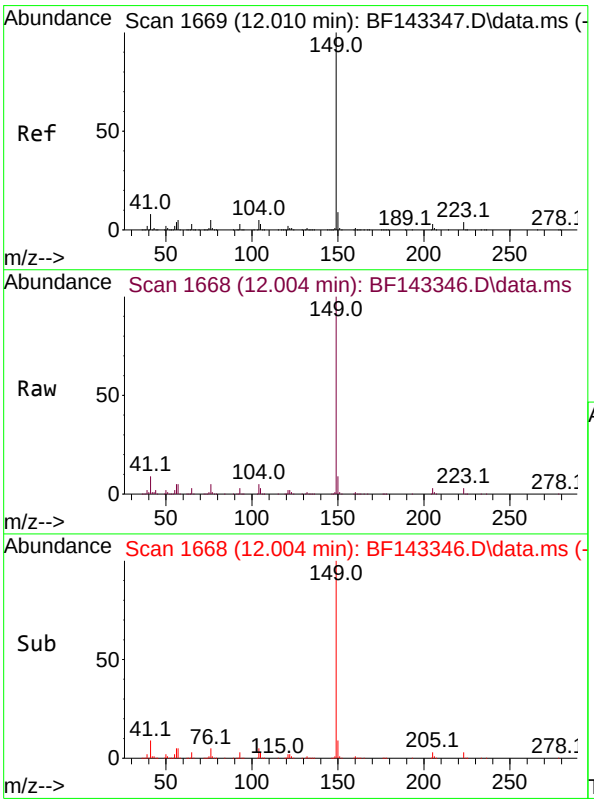
#73
Carbazole
Concen: 21.580 ng
RT: 11.674 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 548030

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.8	25.2
139	12.8	10.2	15.2

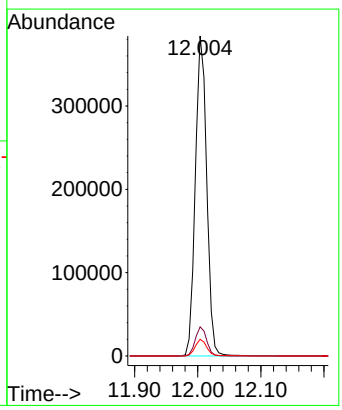


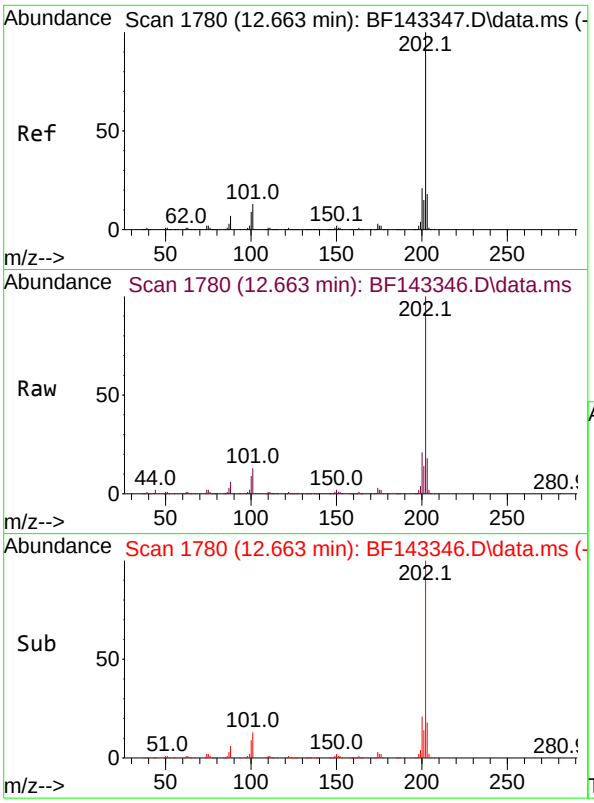


#74
Di-n-butylphthalate
Concen: 22.300 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:149 Resp: 479230

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.2	3.8	5.8



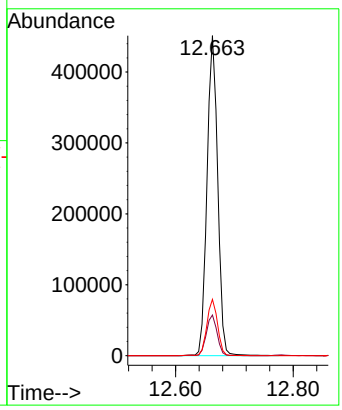


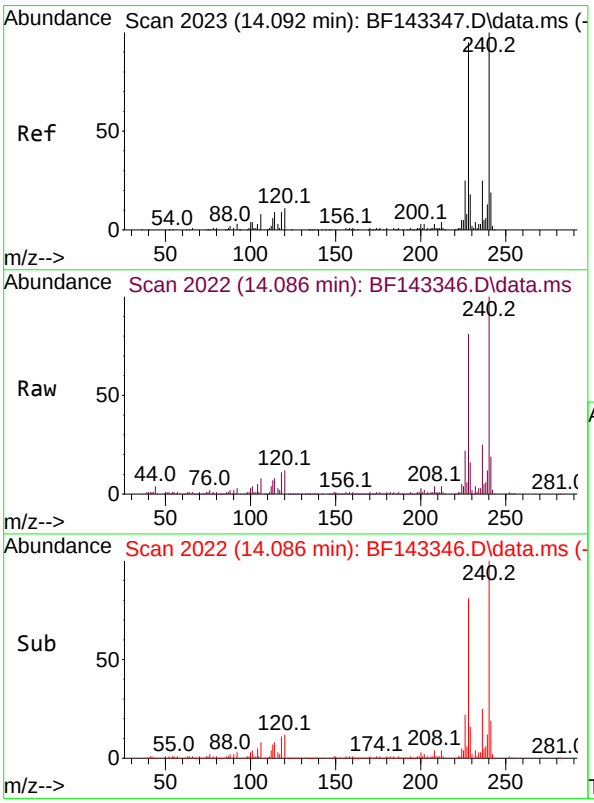
#75
Fluoranthene
Concen: 21.986 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 566275

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.6	0.0	37.6

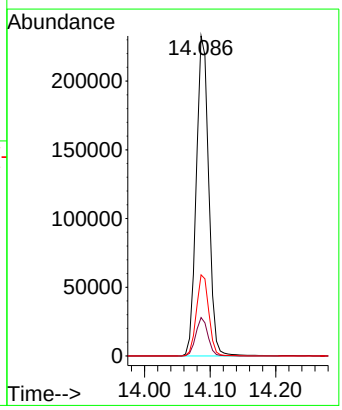


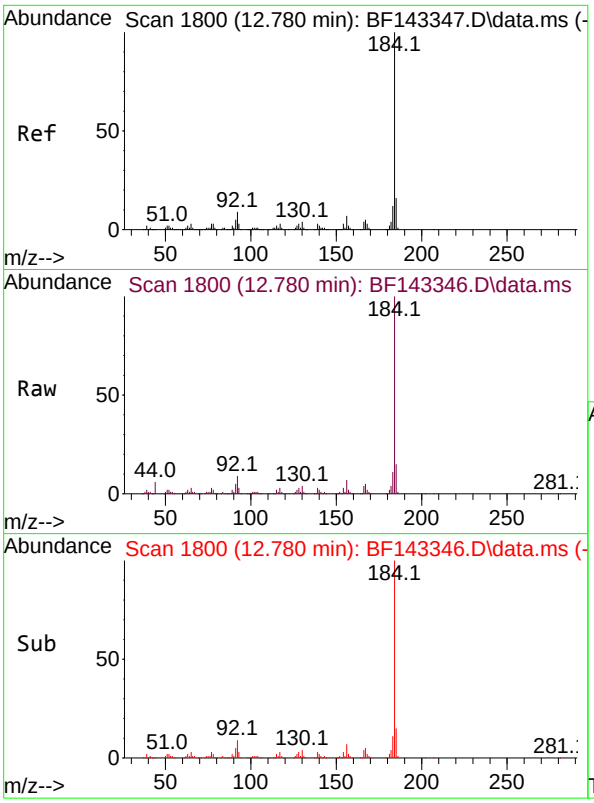


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:240 Resp: 307753

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.6
236	25.3	19.9	29.9



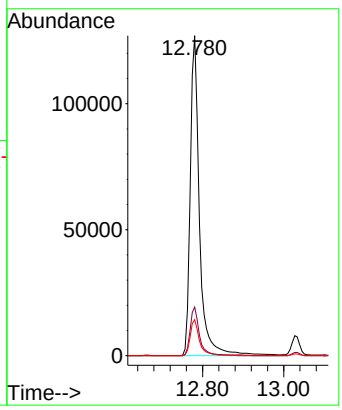


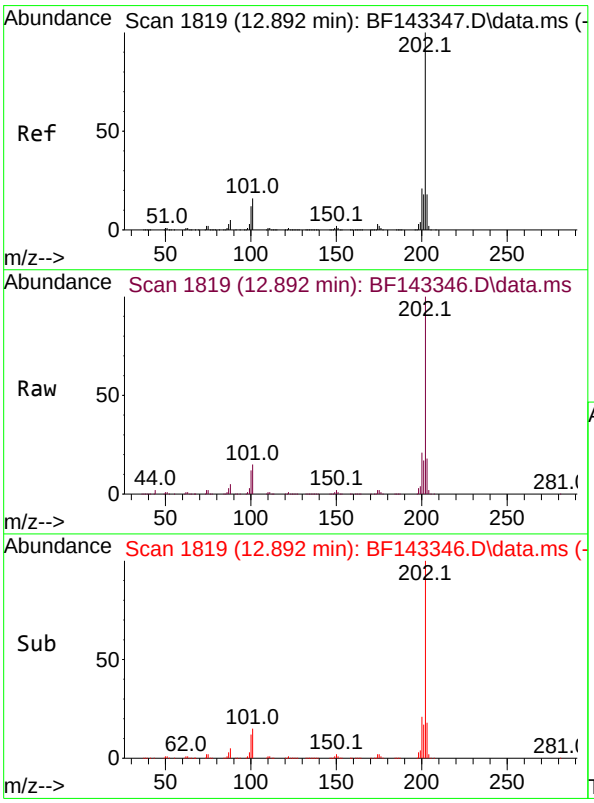
#77
Benzidine
Concen: 23.901 ng
RT: 12.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 201097

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.8	19.2
183	11.2	9.3	13.9

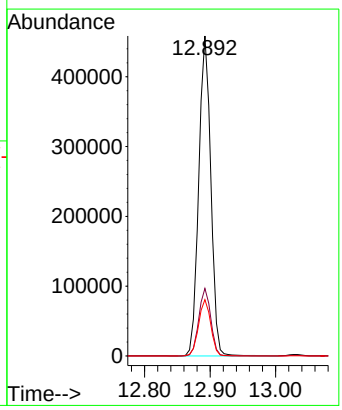


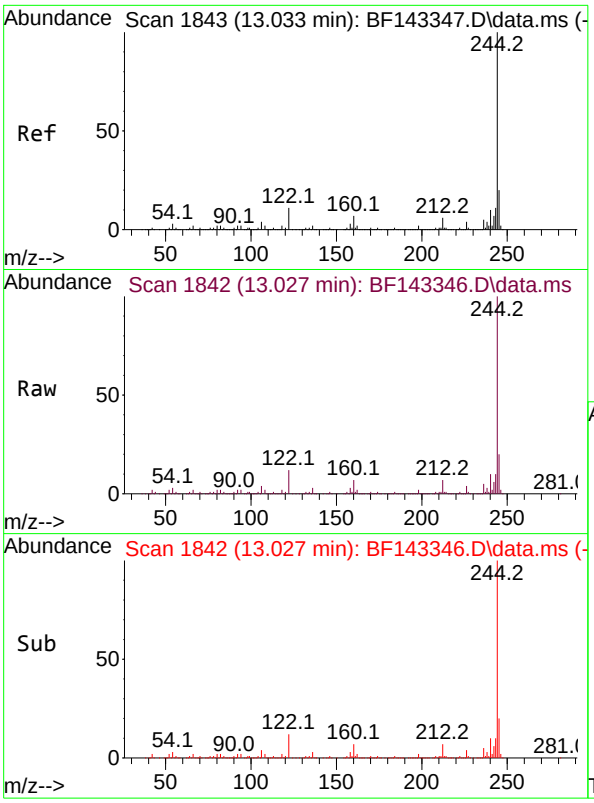


#78
Pyrene
Concen: 22.771 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:202 Resp: 587878

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.6	14.2	21.4



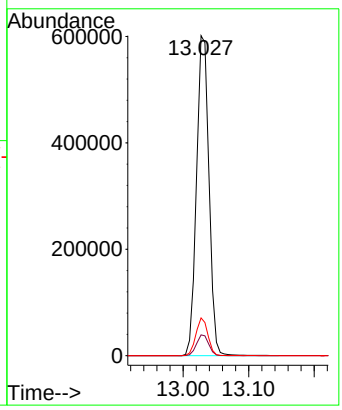


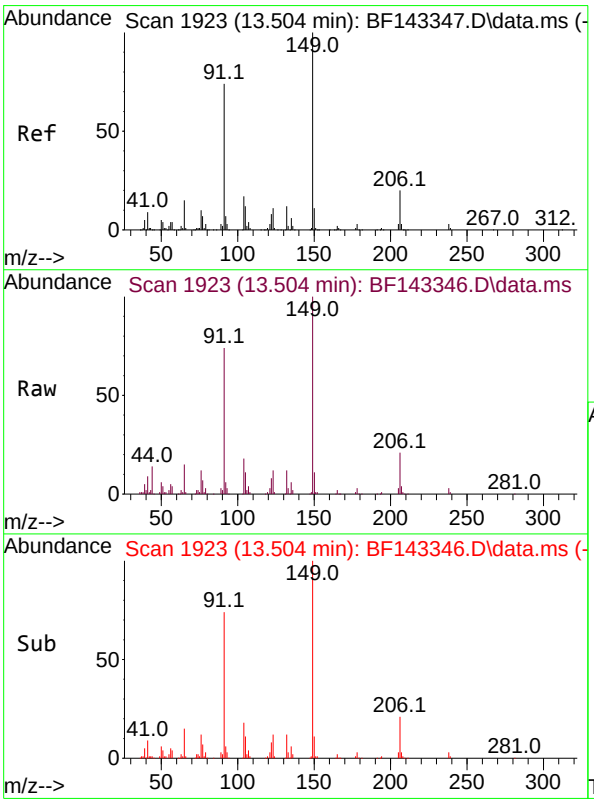
#79
Terphenyl-d14
Concen: 46.313 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 798330

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.1	7.7
122	11.8	8.9	13.3

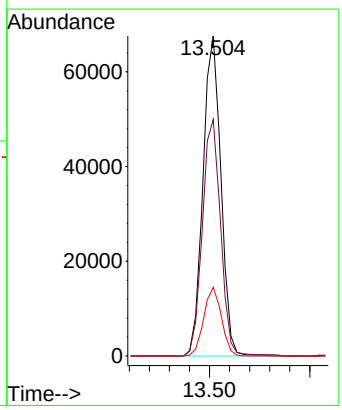


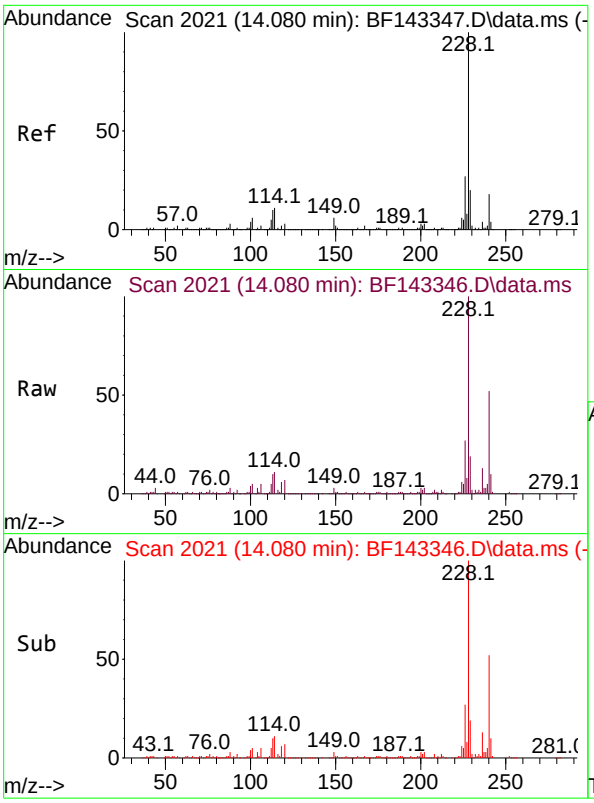


#80
Butylbenzylphthalate
Concen: 18.636 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:149 Resp: 83834

Ion	Ratio	Lower	Upper
149	100		
91	73.9	58.8	88.2
206	21.5	16.4	24.6



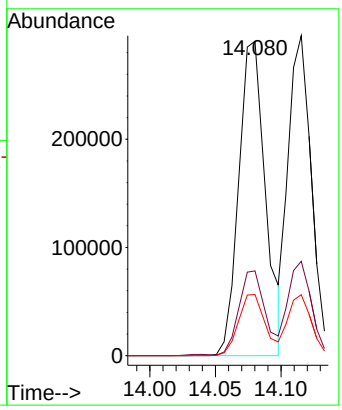


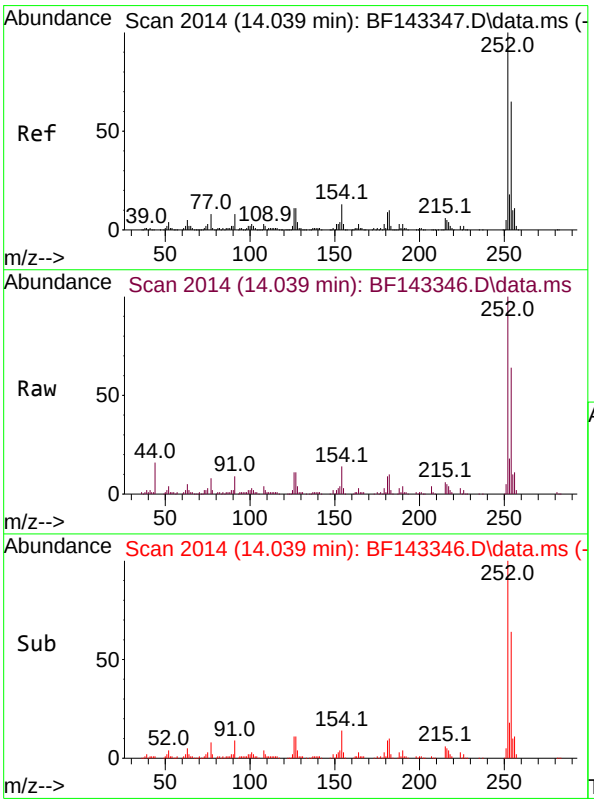
#81
Benzo(a)anthracene
Concen: 21.066 ng
RT: 14.080 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 412056

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.0	33.0
229	19.4	15.8	23.8

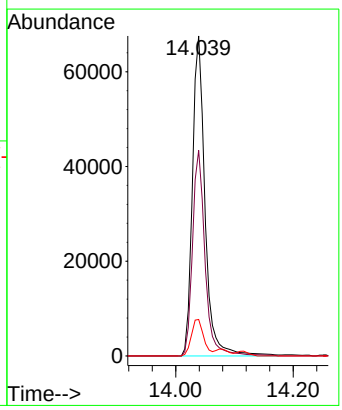


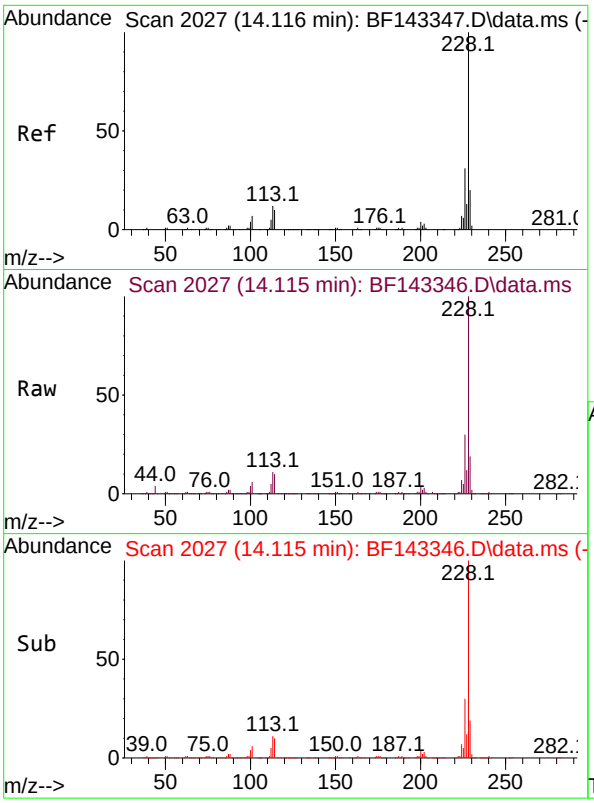


#82
3,3'-Dichlorobenzidine
Concen: 19.033 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:252 Resp: 100529

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.7	77.5
126	11.4	9.2	13.8



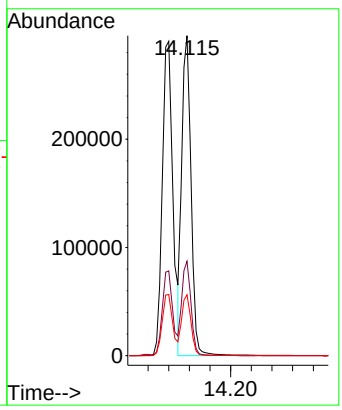


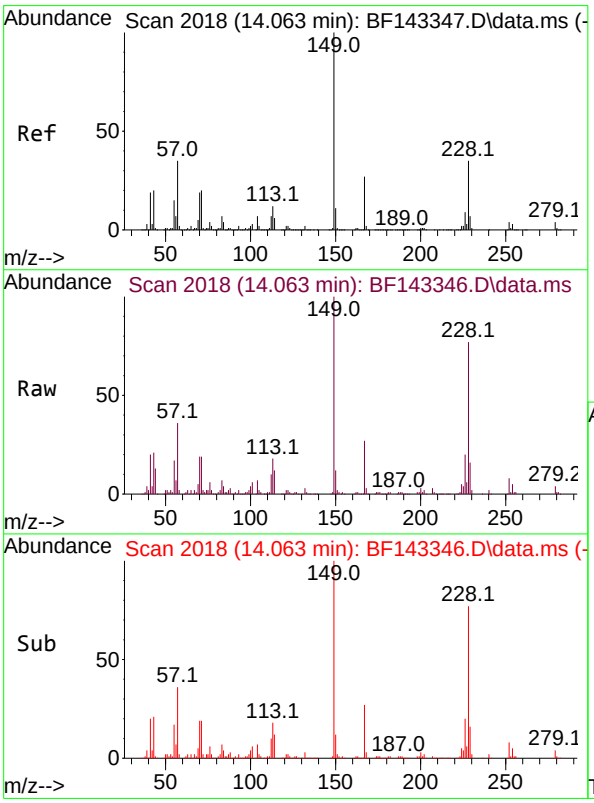
#83
Chrysene
Concen: 20.235 ng
RT: 14.115 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 369066

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	19.0	15.8	23.6

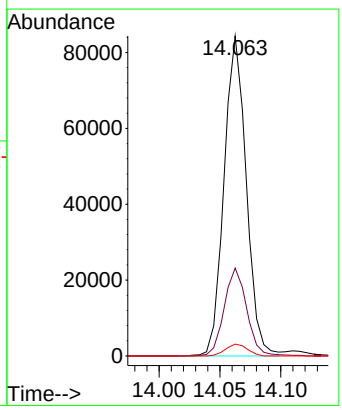


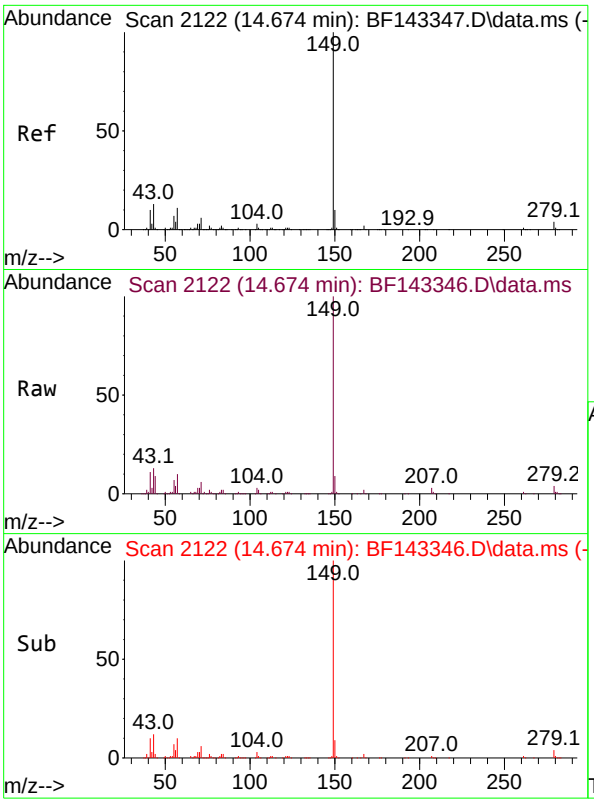


#84
Bis(2-ethylhexyl)phthalate
Concen: 17.077 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:149 Resp: 107115

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.4	32.0
279	3.7	3.2	4.8



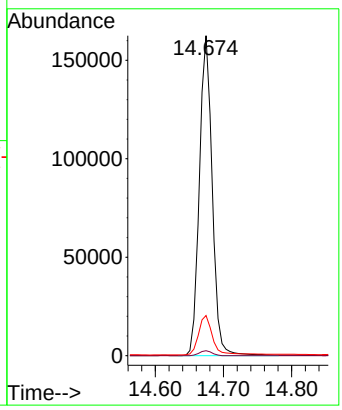


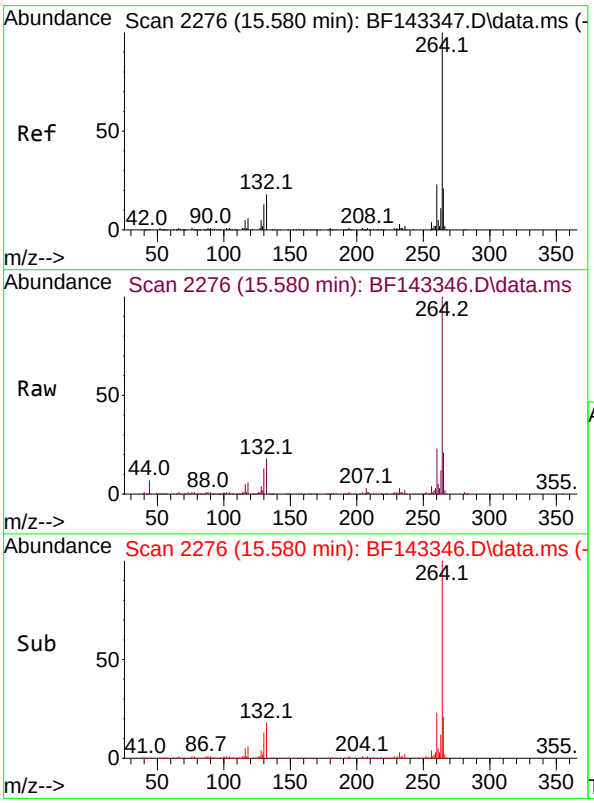
#85
Di-n-octyl phthalate
Concen: 18.493 ng
RT: 14.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 213024

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.5	10.8	16.2

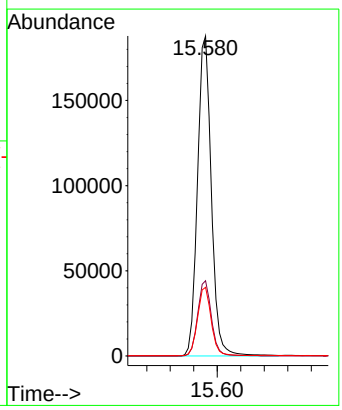


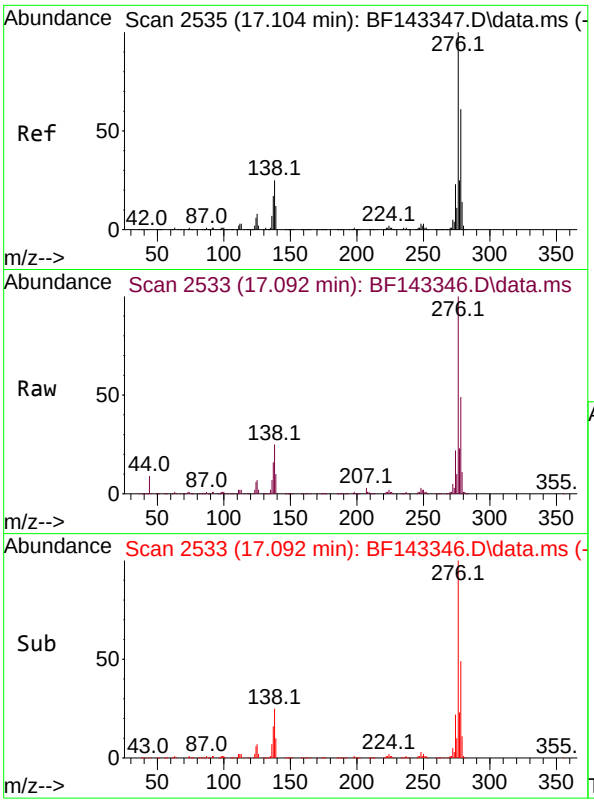


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:264 Resp: 306974

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.5	17.2	25.8



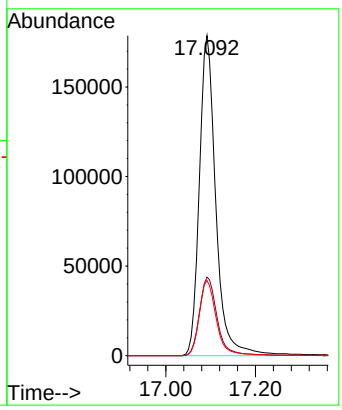


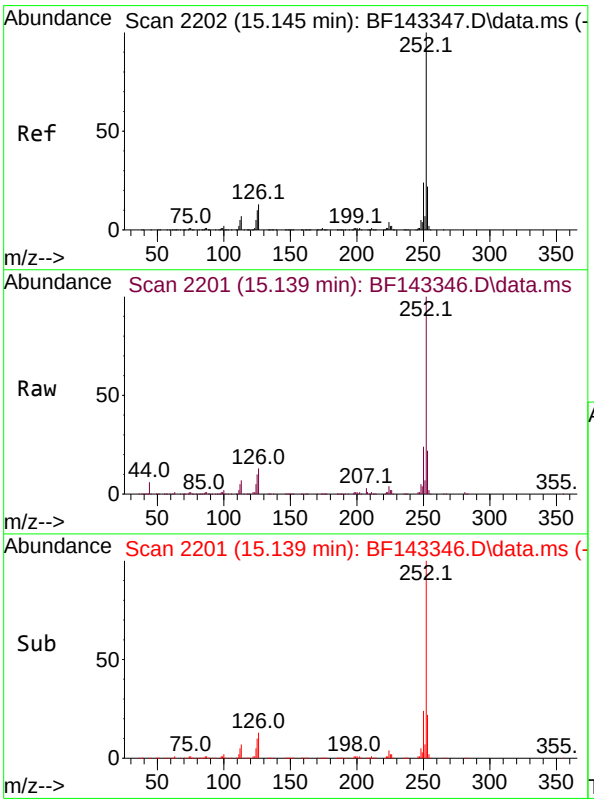
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.651 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 454164

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.1	31.7
277	24.4	20.2	30.2

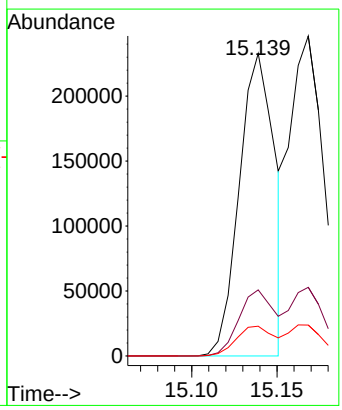


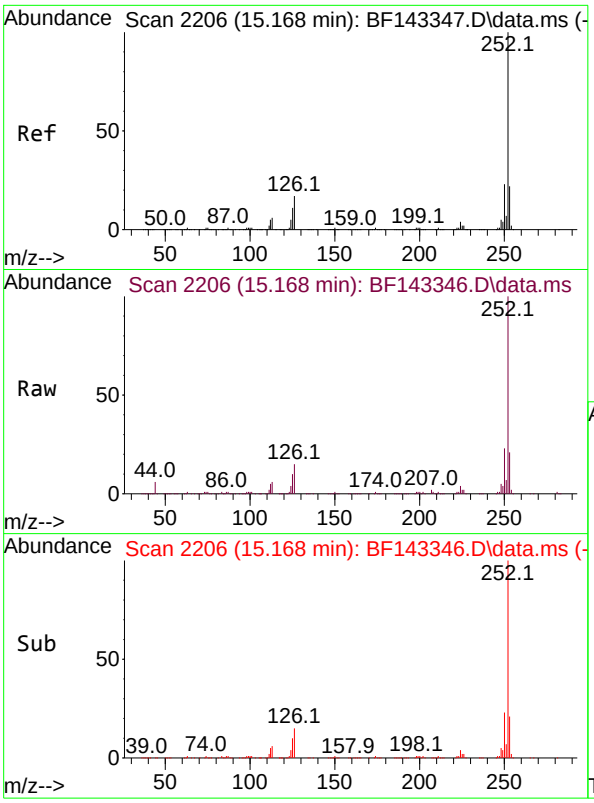


#88
Benzo(b)fluoranthene
Concen: 19.971 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:252 Resp: 335316

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.8	7.8	11.6



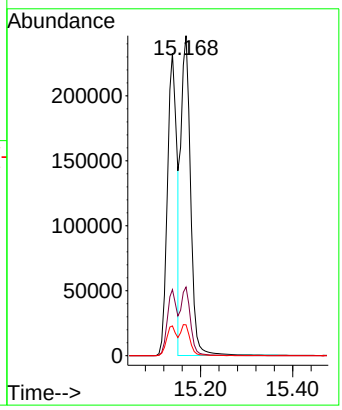


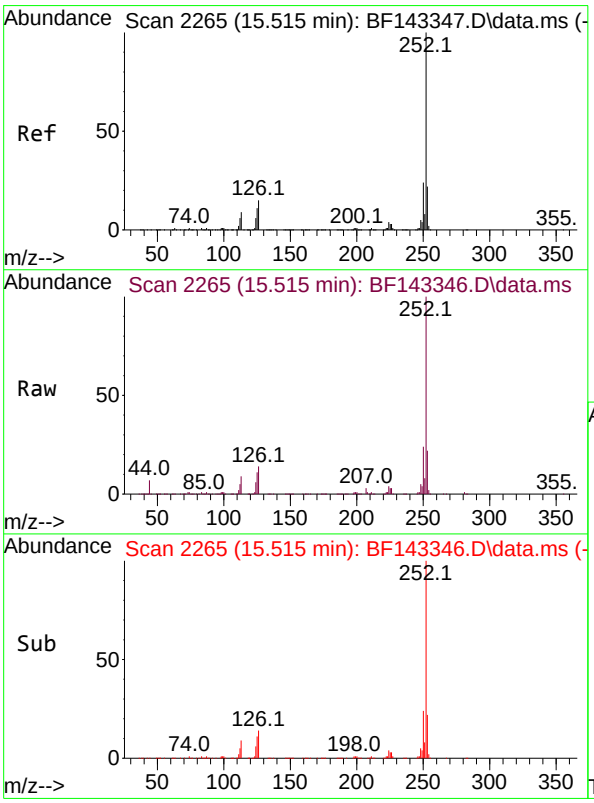
#89
Benzo(k)fluoranthene
Concen: 21.789 ng
RT: 15.168 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 355480

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.7	8.4	12.6

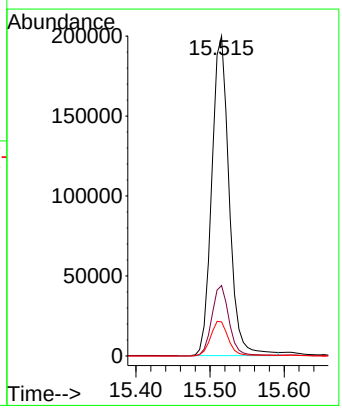


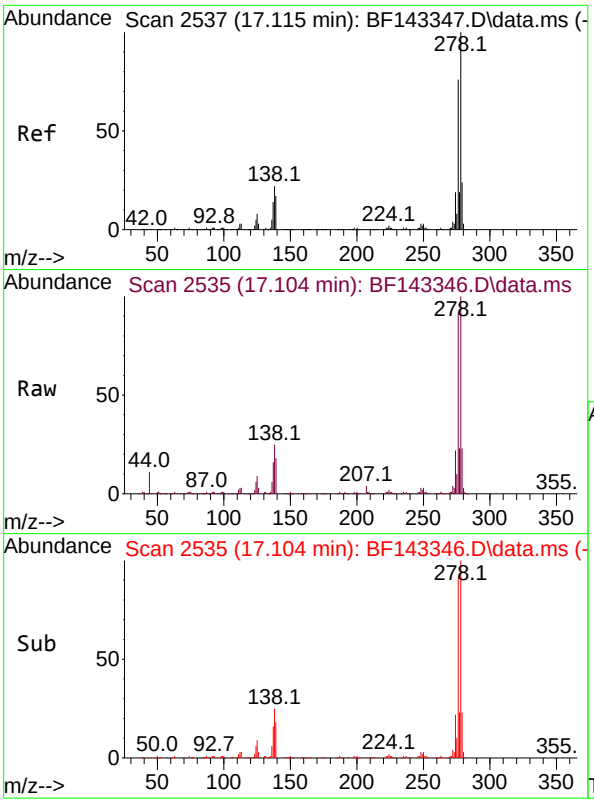


#90
Benzo(a)pyrene
Concen: 20.580 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:252 Resp: 325450

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.6	9.1	13.7



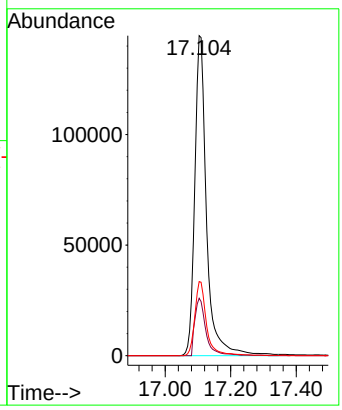


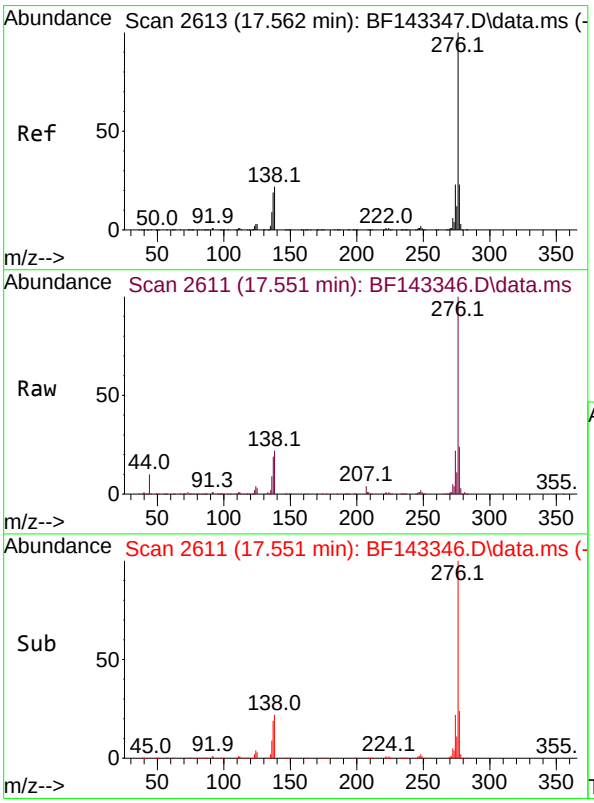
#91
Dibenzo(a,h)anthracene
Concen: 20.688 ng
RT: 17.104 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 363491

Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.0	21.0
279	23.1	19.4	29.0

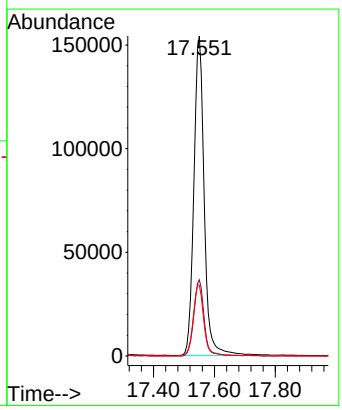




#92
Benzo(g,h,i)perylene
Concen: 20.596 ng
RT: 17.551 min Scan# 2611
Delta R.T. -0.012 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:276 Resp: 364540

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	22.1	17.8	26.8



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143347.D
Acq On : 12 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 12 13:19:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	167361	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	655032	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	345532	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	517467	20.000	ng	0.00
76) Chrysene-d12	14.092	240	290137	20.000	ng	0.00
86) Perylene-d12	15.580	264	328158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	789566	81.582	ng	0.00
7) Phenol-d6	6.563	99	1004217	80.913	ng	0.00
23) Nitrobenzene-d5	7.492	82	879802	83.642	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	220484	87.313	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1565121	76.811	ng	0.00
79) Terphenyl-d14	13.033	244	1263446	77.745	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	199574	39.850	ng	100
3) Pyridine	3.534	79	540627	40.510	ng	100
4) n-Nitrosodimethylamine	3.475	42	253901	40.843	ng	100
6) Aniline	6.593	93	709158	40.530	ng	100
8) 2-Chlorophenol	6.716	128	421515	40.760	ng	100
9) Benzaldehyde	6.481	77	338386	41.251	ng	100
10) Phenol	6.575	94	596665	40.582	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	437082	40.336	ng	100
12) 1,3-Dichlorobenzene	6.875	146	479321	40.184	ng	100
13) 1,4-Dichlorobenzene	6.951	146	473345	39.538	ng	100
14) 1,2-Dichlorobenzene	7.104	146	451017	39.687	ng	100
15) Benzyl Alcohol	7.069	79	364330	40.952	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	775460	40.085	ng	100
17) 2-Methylphenol	7.181	107	355981	40.780	ng	100
18) Hexachloroethane	7.445	117	154773	41.236	ng	100
19) n-Nitroso-di-n-propyla...	7.340	70	304543	39.712	ng	100
20) 3+4-Methylphenols	7.334	107	431056	40.831	ng	100
22) Acetophenone	7.334	105	562380	38.966	ng	100
24) Nitrobenzene	7.510	77	469916	41.135	ng	100
25) Isophorone	7.751	82	845188	39.360	ng	100
26) 2-Nitrophenol	7.828	139	165661	37.083	ng	100
27) 2,4-Dimethylphenol	7.863	122	365692	40.820	ng	100
28) bis(2-Chloroethoxy)met...	7.957	93	518389	39.540	ng	100
29) 2,4-Dichlorophenol	8.069	162	360583	41.210	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	363439	39.377	ng	100
31) Naphthalene	8.234	128	1237121	39.250	ng	100
32) Benzoic acid	7.969	122	141523	39.021	ng	100
33) 4-Chloroaniline	8.281	127	452276	39.784	ng	100
34) Hexachlorobutadiene	8.357	225	229101	39.902	ng	100
35) Caprolactam	8.645	113	103025	41.884	ng	100
36) 4-Chloro-3-methylphenol	8.757	107	375017	40.883	ng	100
37) 2-Methylnaphthalene	8.928	142	814304	39.298	ng	100
38) 1-Methylnaphthalene	9.022	142	779823	39.075	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	374807	39.640	ng	100
41) Hexachlorocyclopentadiene	9.081	237	115551	38.401	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	230730	43.008	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143347.D
Acq On : 12 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 12 13:19:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

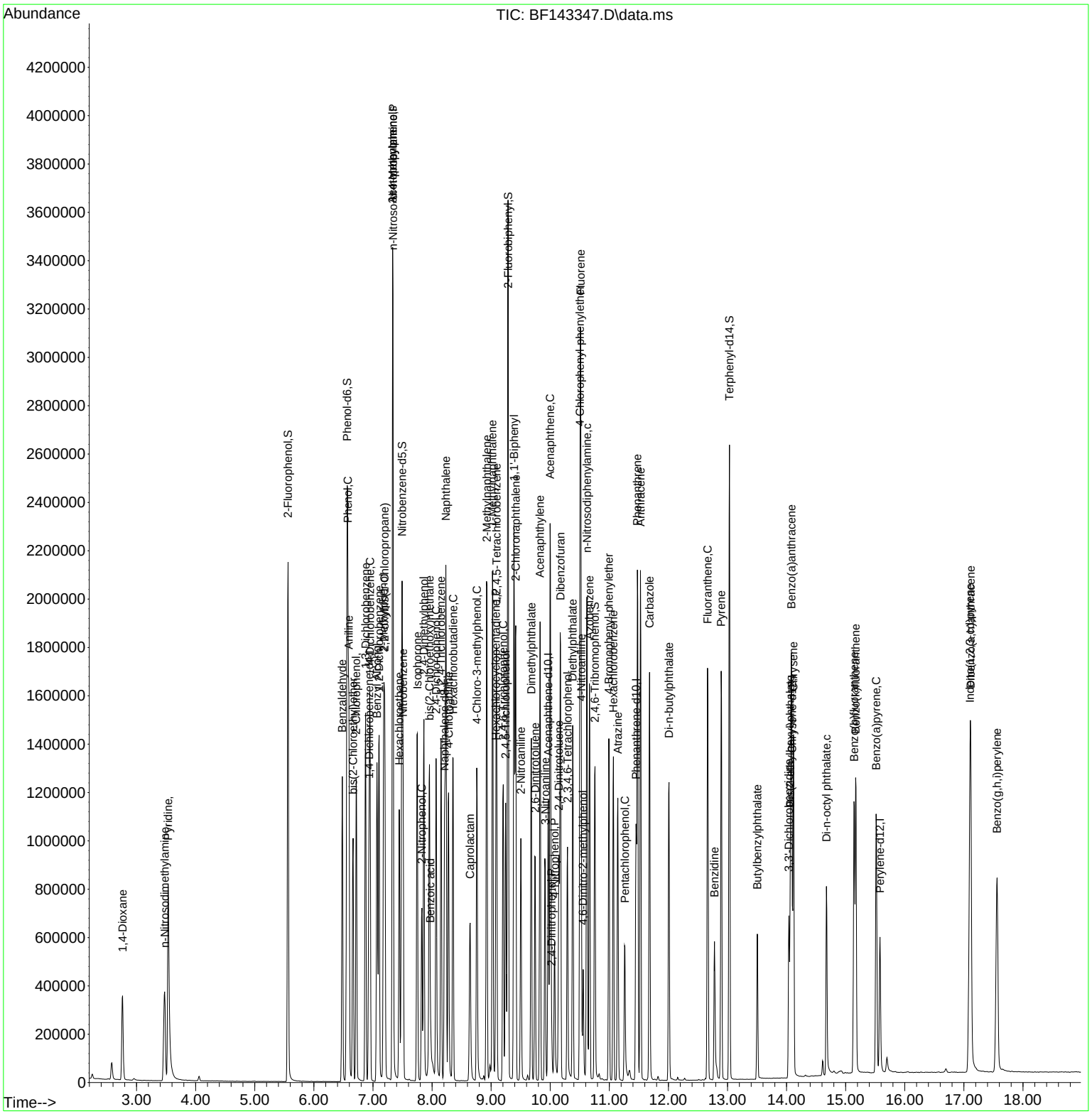
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	260681	43.029	ng	100
46) 1,1'-Biphenyl	9.386	154	959774	39.285	ng	100
47) 2-Chloronaphthalene	9.416	162	756597	39.322	ng	100
48) 2-Nitroaniline	9.504	65	213717	39.058	ng	100
49) Acenaphthylene	9.828	152	1097291	39.490	ng	100
50) Dimethylphthalate	9.681	163	815627	40.398	ng	100
51) 2,6-Dinitrotoluene	9.745	165	147260	39.128	ng	100
52) Acenaphthene	9.998	154	728691	39.446	ng	100
53) 3-Nitroaniline	9.916	138	180447	43.642	ng	100
54) 2,4-Dinitrophenol	10.022	184	45578	39.434	ng	100
55) Dibenzofuran	10.175	168	1043986	39.267	ng	100
56) 4-Nitrophenol	10.075	139	119387	39.132	ng	100
57) 2,4-Dinitrotoluene	10.145	165	199781	39.946	ng	100
58) Fluorene	10.516	166	789149	38.860	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	176166	43.137	ng	100
60) Diethylphthalate	10.381	149	746813	41.295	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	389122	39.656	ng	100
62) 4-Nitroaniline	10.528	138	171799	42.946	ng	100
63) Azobenzene	10.663	77	824319	39.906	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	73478	37.049	ng	100
66) n-Nitrosodiphenylamine	10.622	169	678152	39.800	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	239456	40.461	ng	100
68) Hexachlorobenzene	11.069	284	252547	39.589	ng	100
69) Atrazine	11.145	200	184584	41.534	ng	100
70) Pentachlorophenol	11.263	266	111946	39.119	ng	100
71) Phenanthrene	11.475	178	1118795	39.627	ng	100
72) Anthracene	11.528	178	1126030	39.327	ng	100
73) Carbazole	11.680	167	966534	39.637	ng	100
74) Di-n-butylphthalate	12.010	149	894432	43.346	ng	100
75) Fluoranthene	12.663	202	949305	38.386	ng	100
77) Benzidine	12.780	184	343155	43.261	ng	100
78) Pyrene	12.892	202	963681	39.593	ng	100
80) Butylbenzylphthalate	13.504	149	175897	37.368	ng	100
81) Benzo(a)anthracene	14.080	228	730158	39.595	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	211236	42.421	ng	100
83) Chrysene	14.116	228	681835	39.653	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	256146	37.186	ng	100
85) Di-n-octyl phthalate	14.674	149	515170	38.008	ng	100
87) Indeno(1,2,3-cd)pyrene	17.104	276	950872	40.445	ng	100
88) Benzo(b)fluoranthene	15.145	252	733725	40.879	ng	100
89) Benzo(k)fluoranthene	15.168	252	679660	38.970	ng	100
90) Benzo(a)pyrene	15.515	252	678288	40.124	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	767630	40.870	ng	100
92) Benzo(g,h,i)perylene	17.562	276	767224	40.549	ng	100

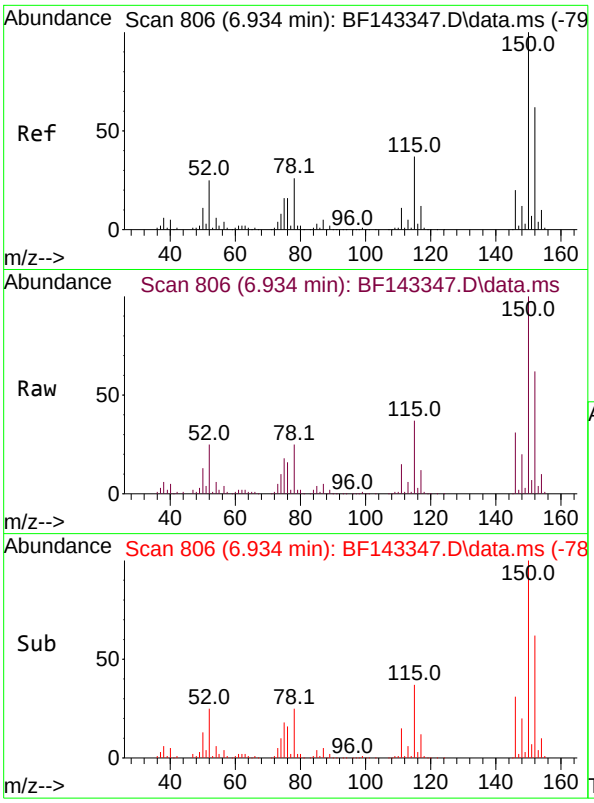
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143347.D
Acq On : 12 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 12 13:19:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration



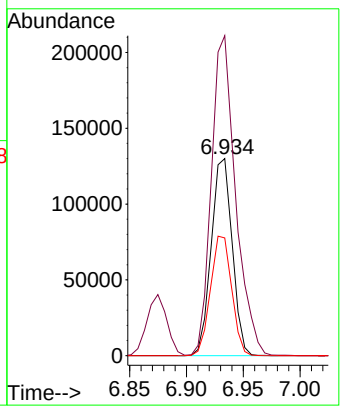


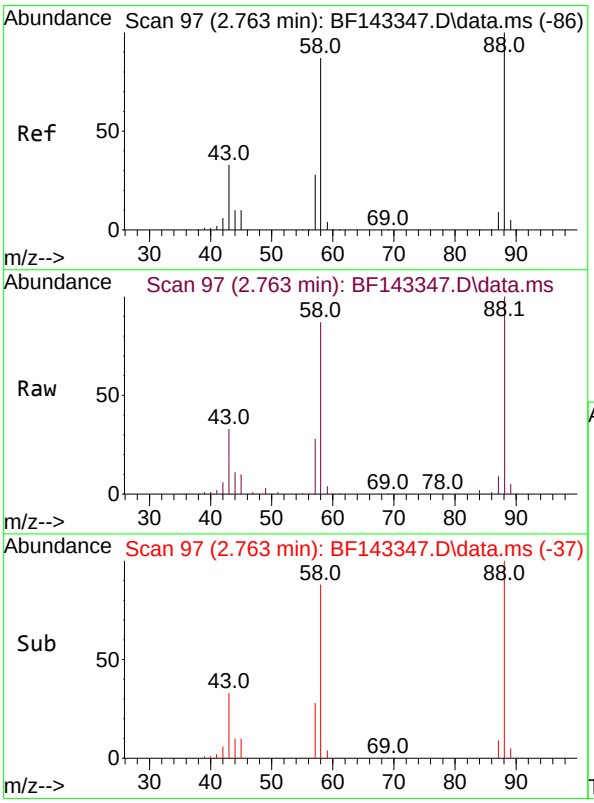
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 167361

Ion	Ratio	Lower	Upper
152	100		
150	162.3	129.8	194.8
115	59.8	47.8	71.8

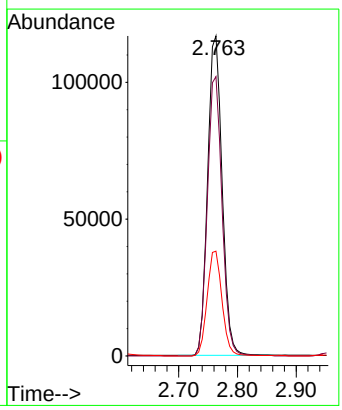


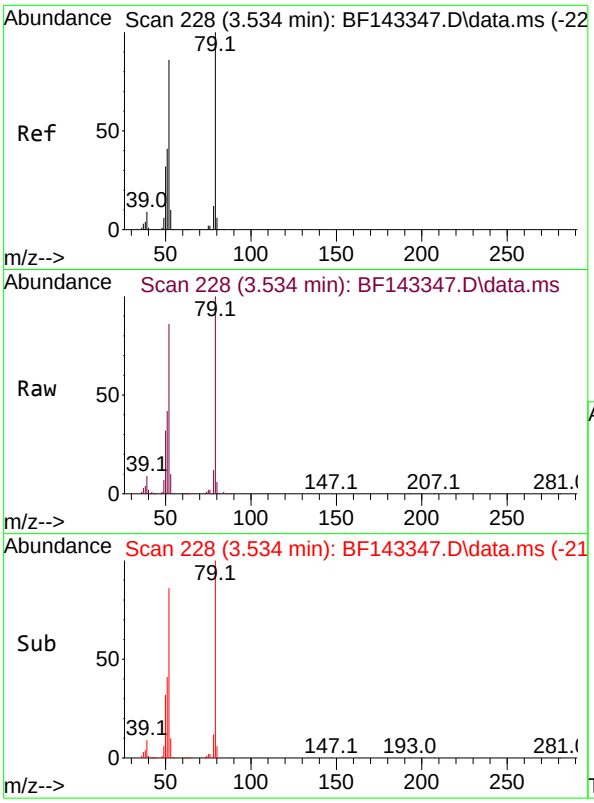


#2
1,4-Dioxane
Concen: 39.850 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 88 Resp: 199574

Ion	Ratio	Lower	Upper
88	100		
58	88.8	71.0	106.6
43	33.8	27.0	40.6



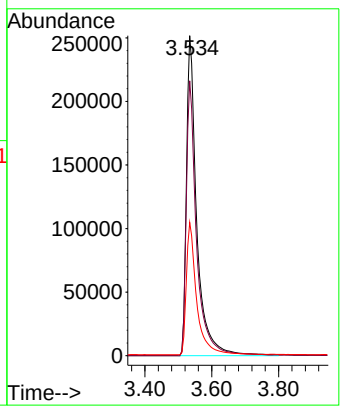


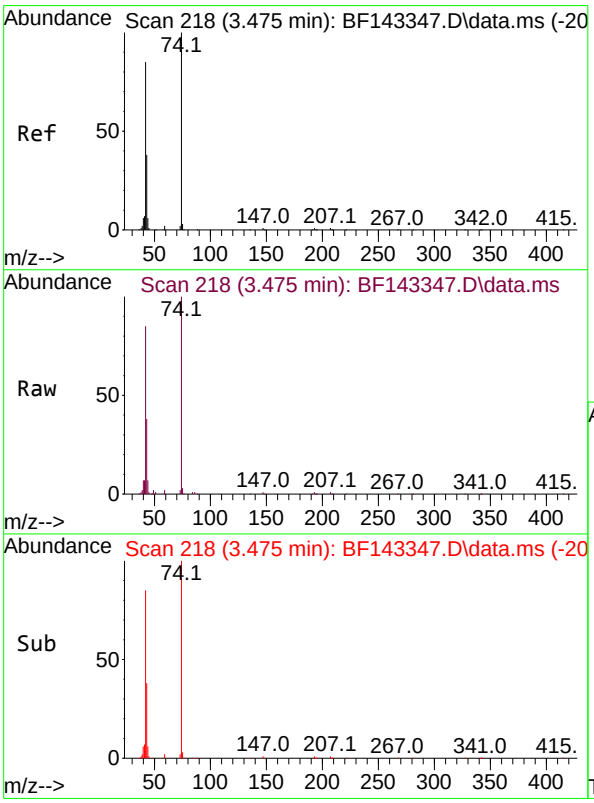
#3
Pyridine
Concen: 40.510 ng
RT: 3.534 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 540627

Ion	Ratio	Lower	Upper
79	100		
52	85.9	68.7	103.1
51	41.7	33.4	50.0

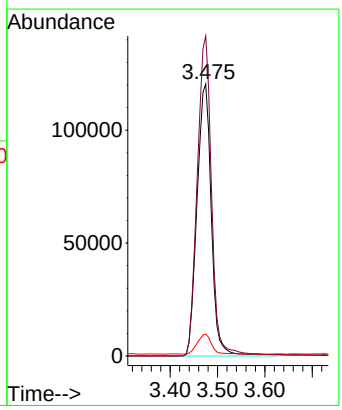


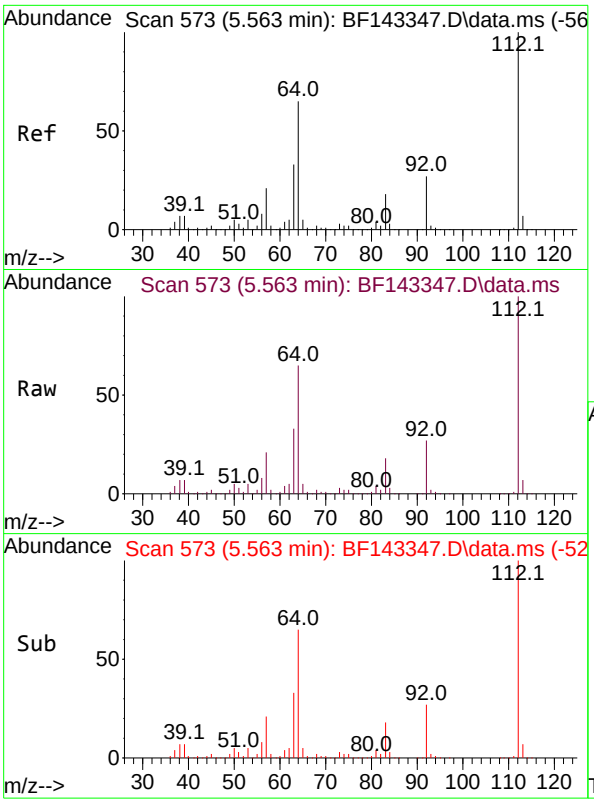


#4
n-Nitrosodimethylamine
Concen: 40.843 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 42 Resp: 253901

Ion	Ratio	Lower	Upper
42	100		
74	117.6	94.1	141.1
44	8.1	6.5	9.7



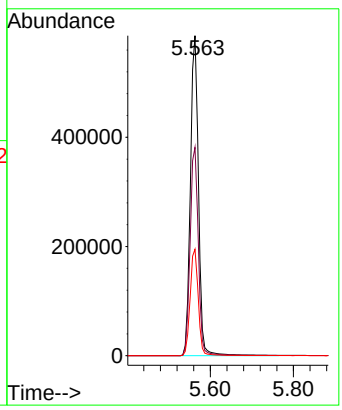


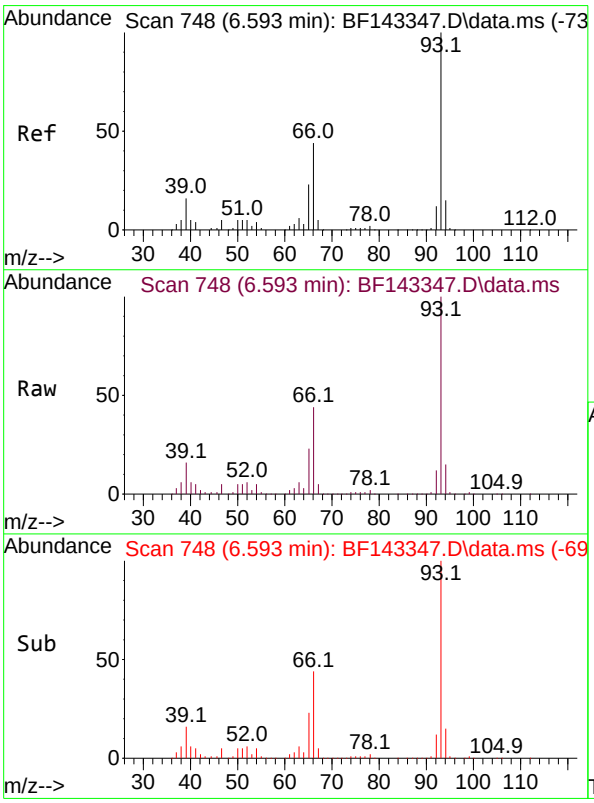
#5
2-Fluorophenol
Concen: 81.582 ng
RT: 5.563 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 789566

Ion	Ratio	Lower	Upper
112	100		
64	65.1	52.1	78.1
63	33.2	26.6	39.8

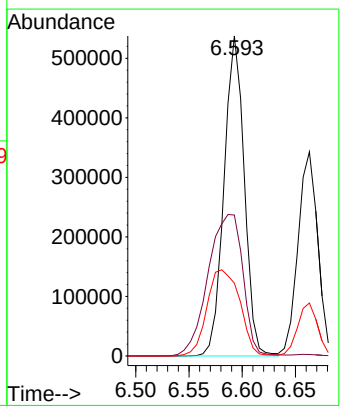


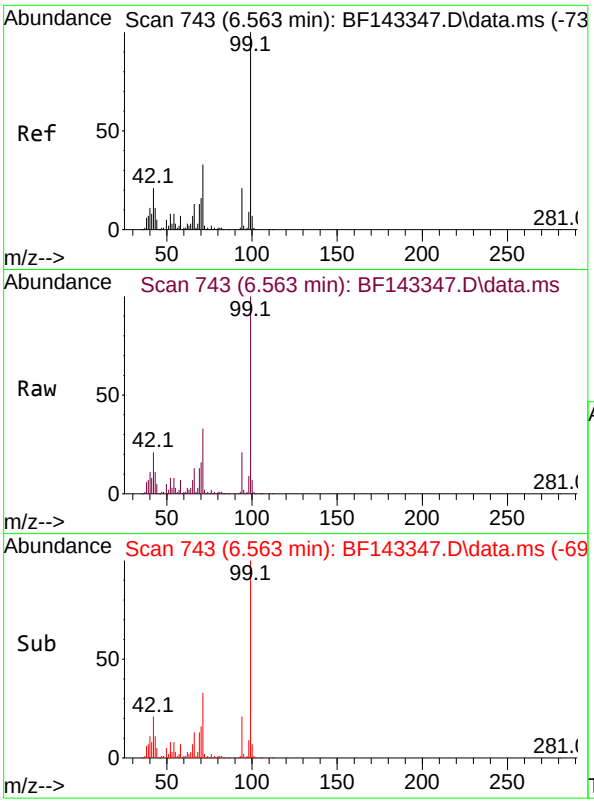


#6
Aniline
Concen: 40.530 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 93 Resp: 709158

Ion	Ratio	Lower	Upper
93	100		
66	44.1	35.3	52.9
65	22.8	18.2	27.4



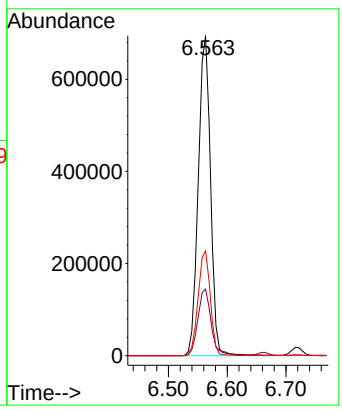


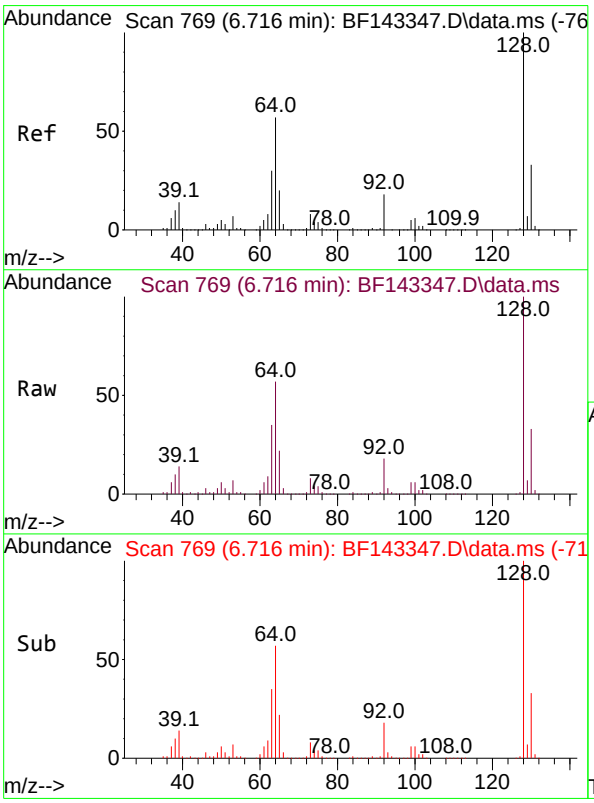
#7
Phenol-d6
Concen: 80.913 ng
RT: 6.563 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1004217

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	25.0
71	32.7	26.2	39.2

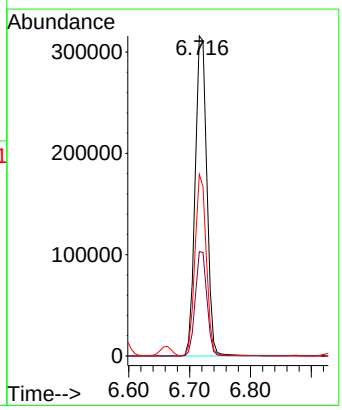


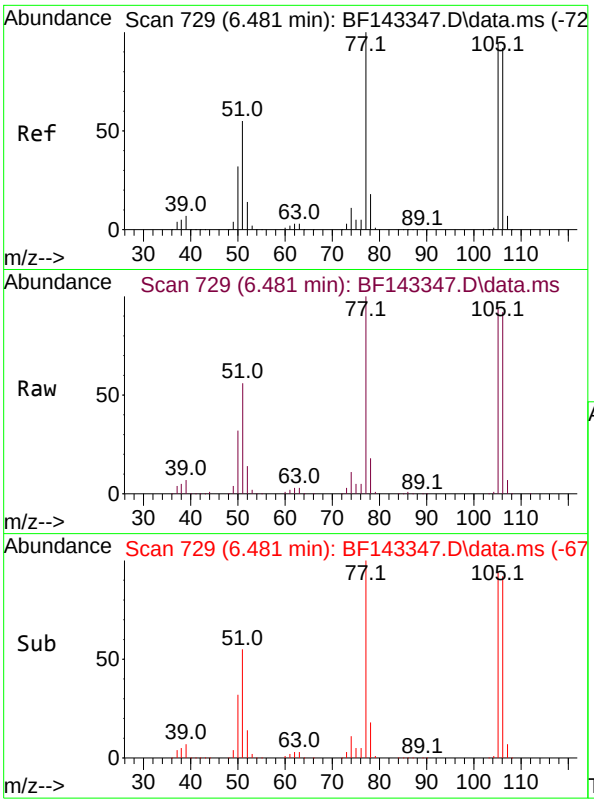


#8
2-Chlorophenol
Concen: 40.760 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:128 Resp: 421515

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	56.7	36.7	76.7



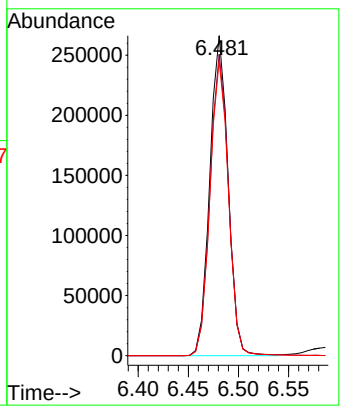


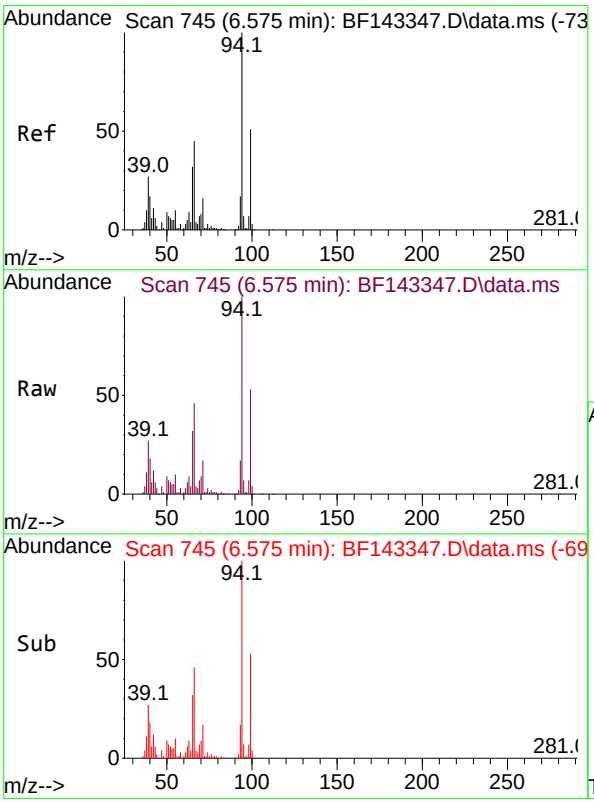
#9
Benzaldehyde
Concen: 41.251 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 338386

Ion	Ratio	Lower	Upper
77	100		
105	94.2	74.2	114.2
106	92.2	72.2	112.2

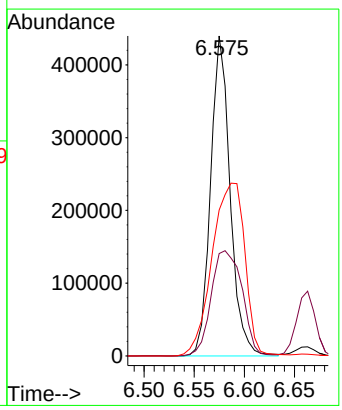


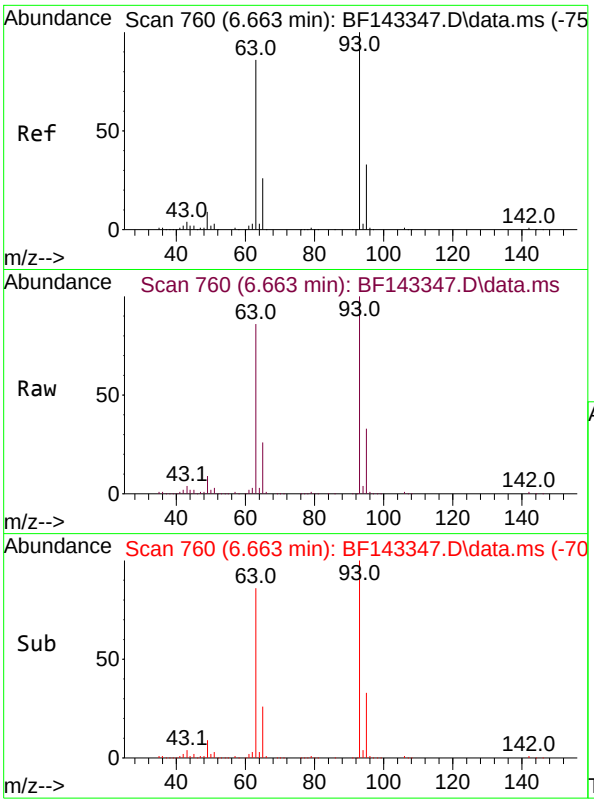


#10
Phenol
Concen: 40.582 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 94 Resp: 596665

Ion	Ratio	Lower	Upper
94	100		
65	32.0	12.0	52.0
66	45.6	25.6	65.6



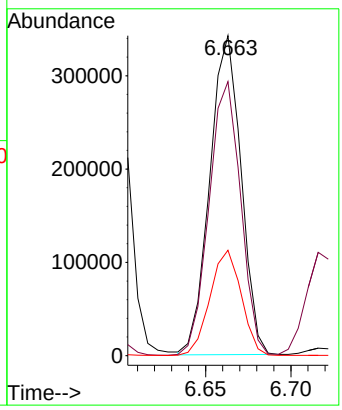


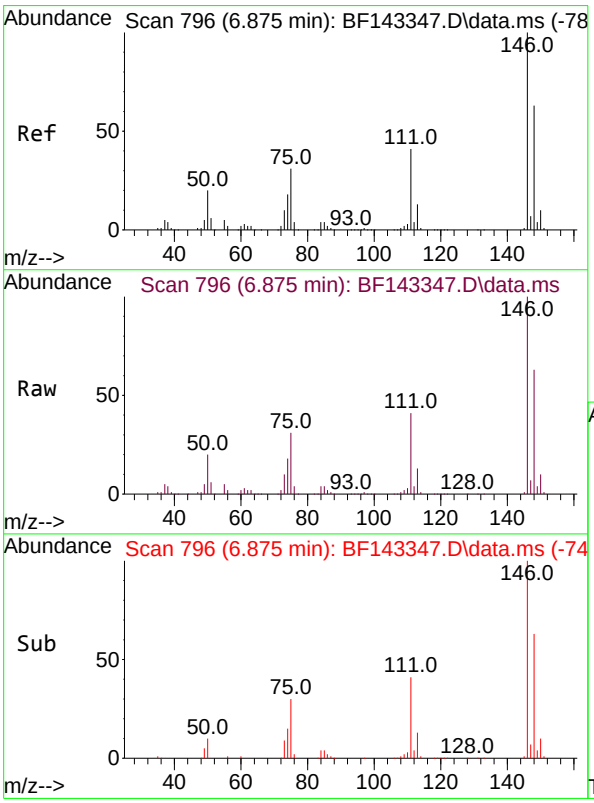
#11
bis(2-Chloroethyl)ether
Concen: 40.336 ng
RT: 6.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 437082

Ion	Ratio	Lower	Upper
93	100		
63	85.7	65.7	105.7
95	33.0	13.0	53.0

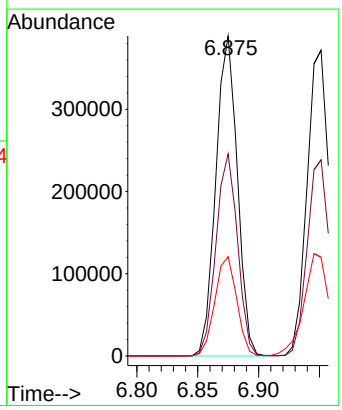


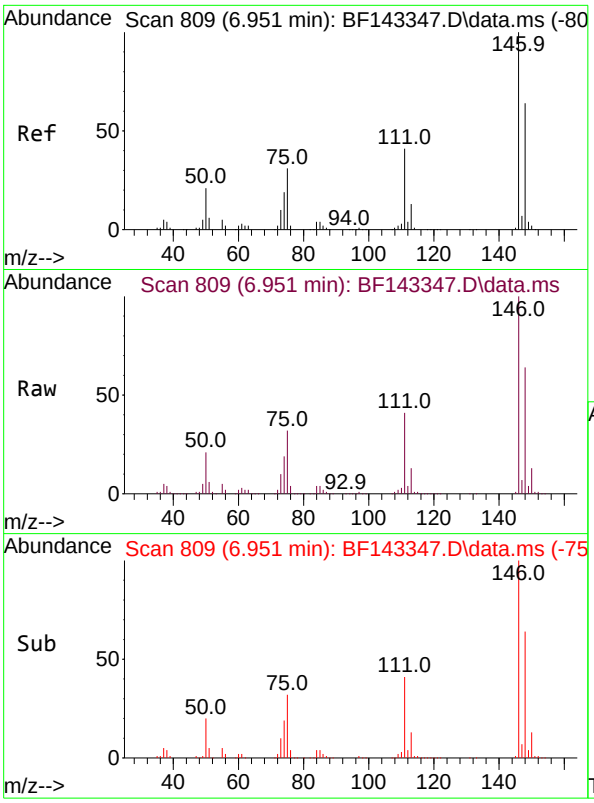


#12
1,3-Dichlorobenzene
Concen: 40.184 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:146 Resp: 479321

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
75	31.1	24.9	37.3



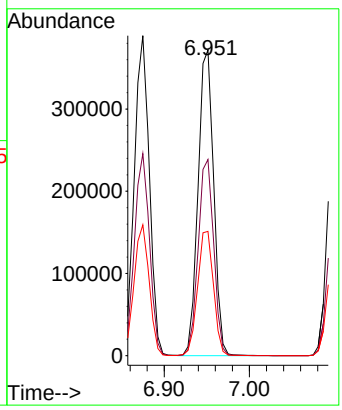


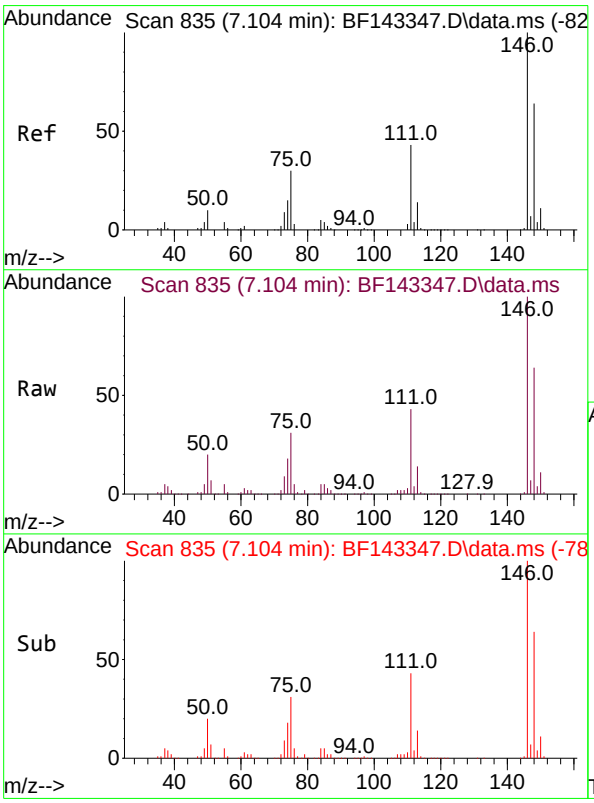
#13
1,4-Dichlorobenzene
Concen: 39.538 ng
RT: 6.951 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 473345

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	40.7	32.6	48.8

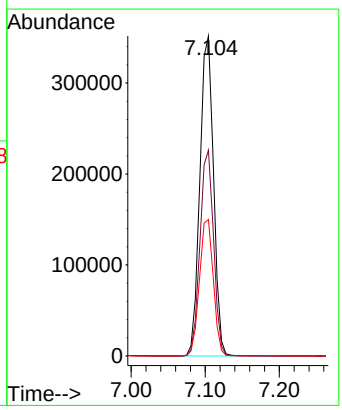


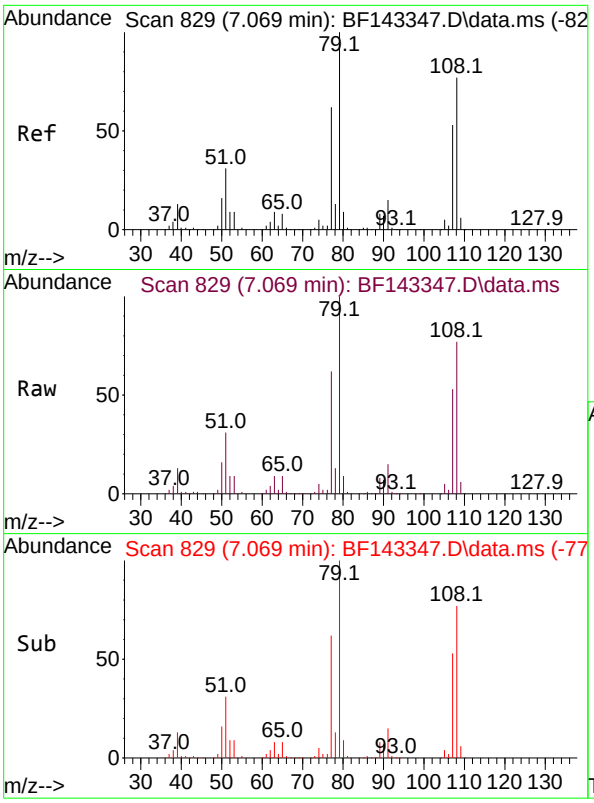


#14
1,2-Dichlorobenzene
Concen: 39.687 ng
RT: 7.104 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:146 Resp: 451017

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	42.6	34.1	51.1



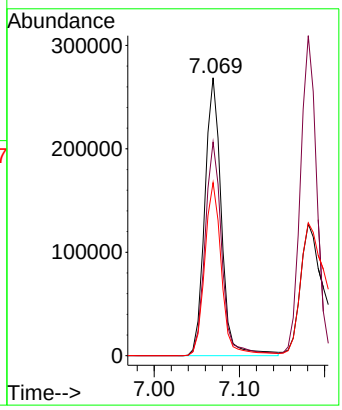


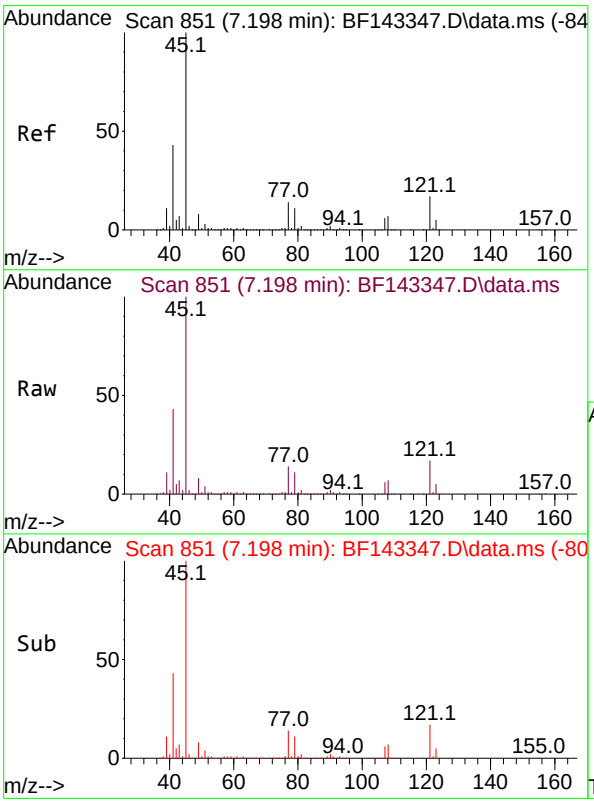
#15
Benzyl Alcohol
Concen: 40.952 ng
RT: 7.069 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 364330

Ion	Ratio	Lower	Upper
79	100		
108	76.9	61.5	92.3
77	62.3	49.8	74.8

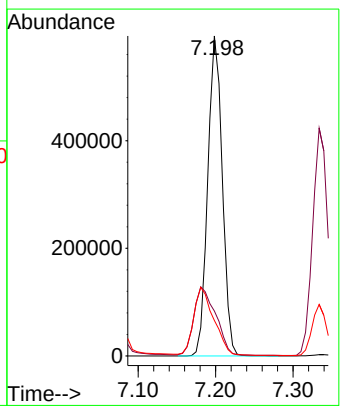


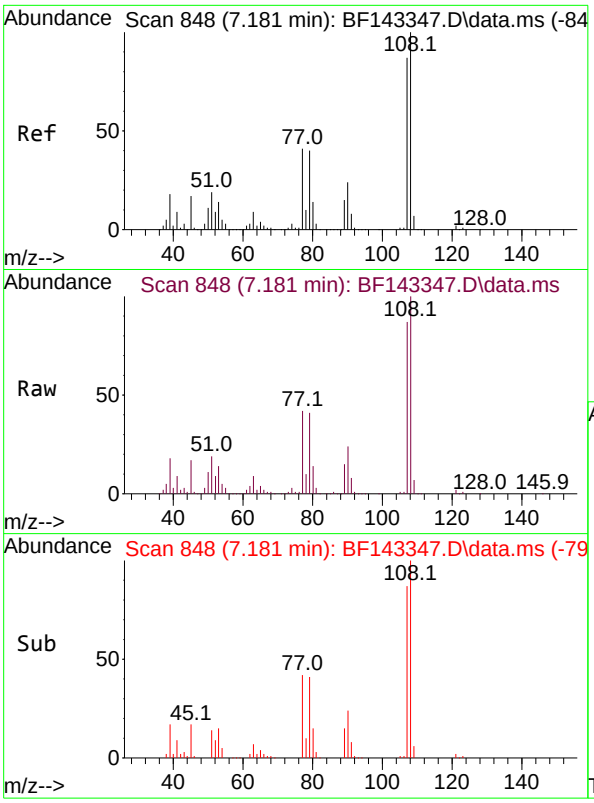


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.085 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 45 Resp: 775460

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.0
79	11.1	0.0	31.1



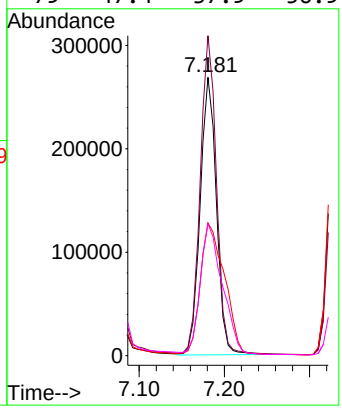


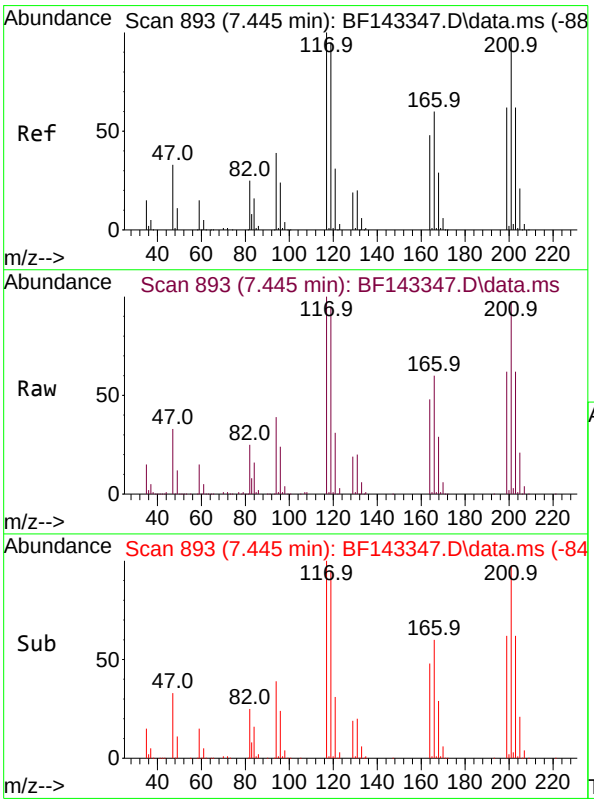
#17
2-Methylphenol
Concen: 40.780 ng
RT: 7.181 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 355981

Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	47.7	38.2	57.2
79	47.4	37.9	56.9

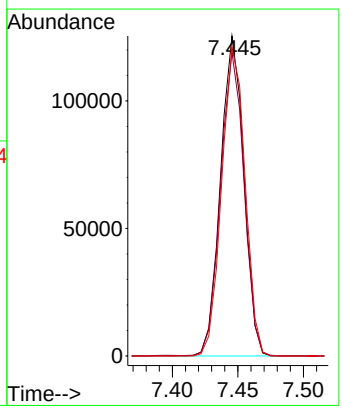


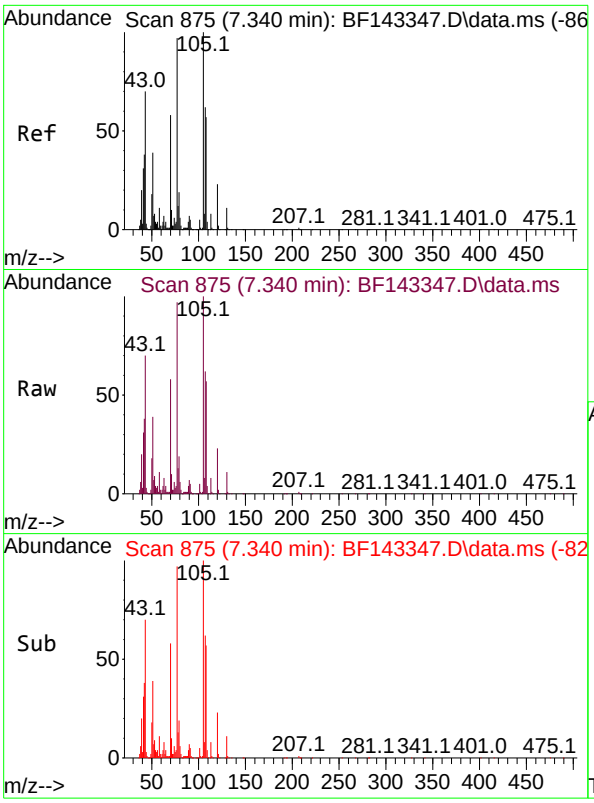


#18
Hexachloroethane
Concen: 41.236 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:117 Resp: 154773

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	96.5	77.2	115.8



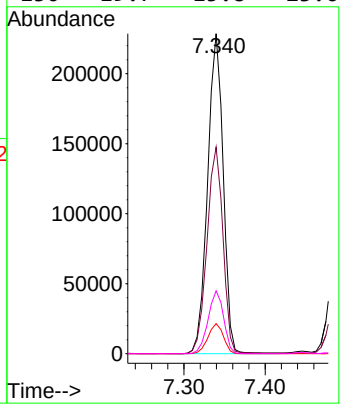


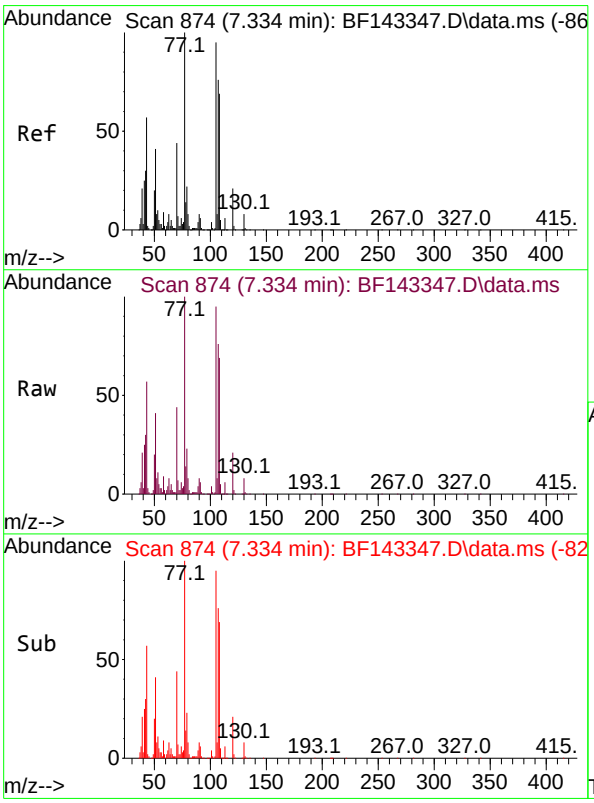
#19
n-Nitroso-di-n-propylamine
Concen: 39.712 ng
RT: 7.340 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 304543

Ion	Ratio	Lower	Upper
70	100		
42	64.5	51.6	77.4
101	9.4	7.5	11.3
130	19.7	15.8	23.6

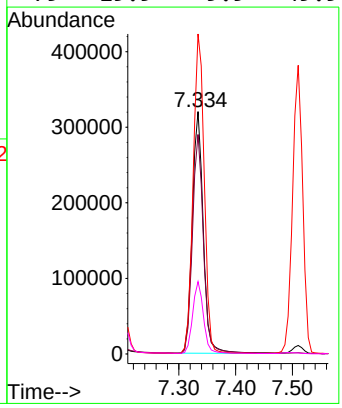


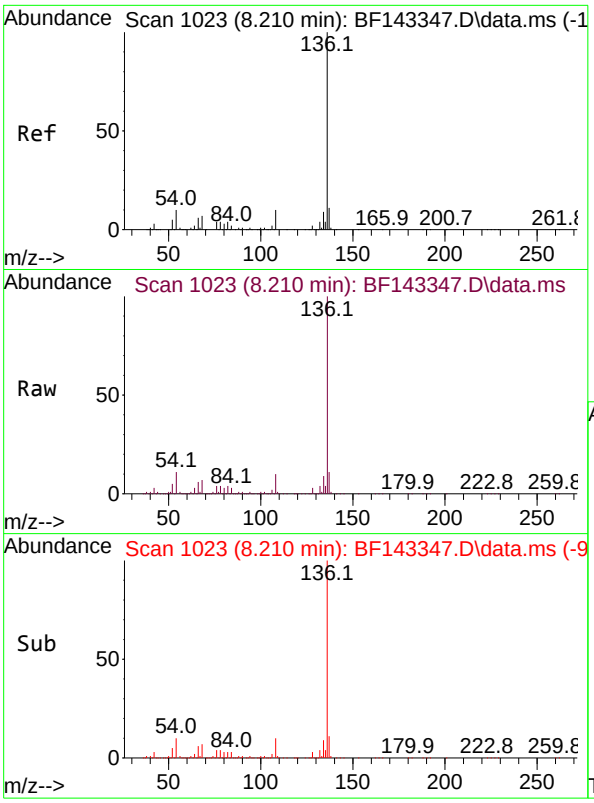


#20
3+4-Methylphenols
Concen: 40.831 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:107 Resp: 431056

Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.6	110.6
77	132.0	112.0	152.0
79	29.9	9.9	49.9



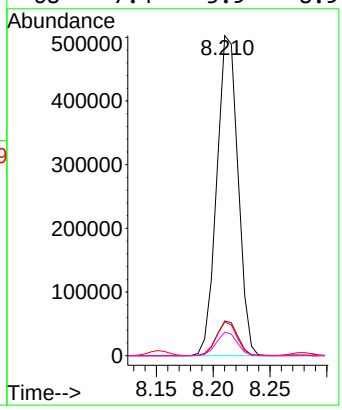


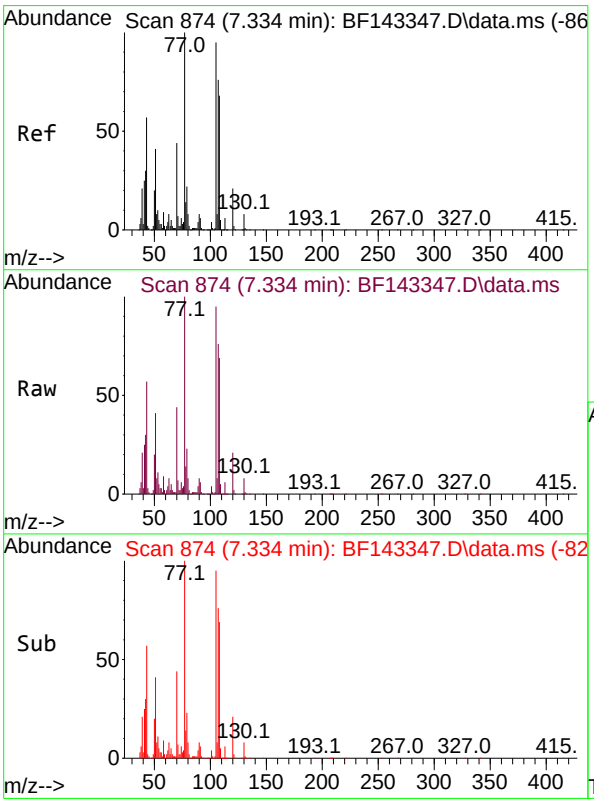
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 655032

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.5	8.4	12.6
68	7.4	5.9	8.9

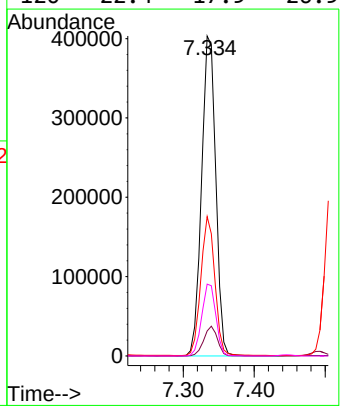


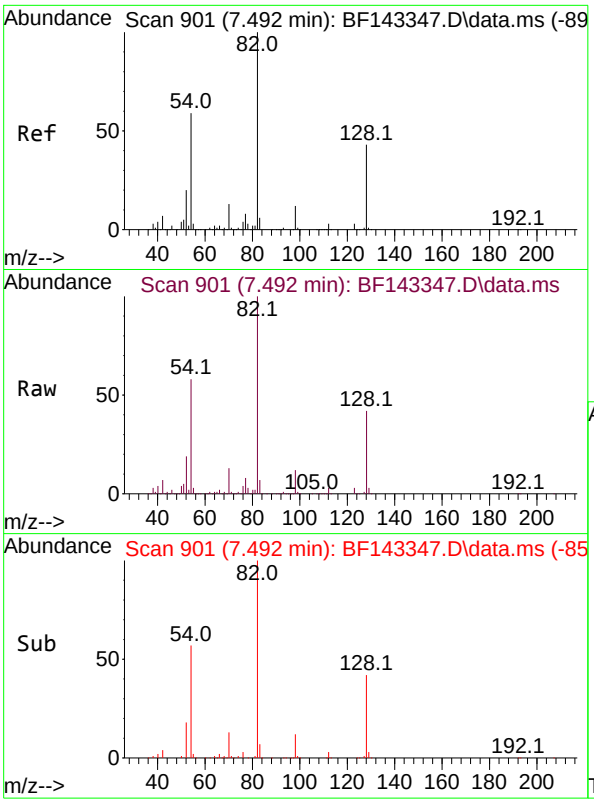


#22
Acetophenone
Concen: 38.966 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:105 Resp: 562380

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.2	9.4
51	43.5	34.8	52.2
120	22.4	17.9	26.9



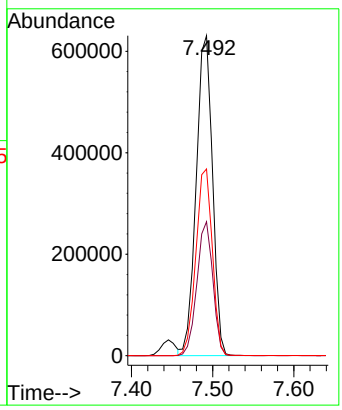


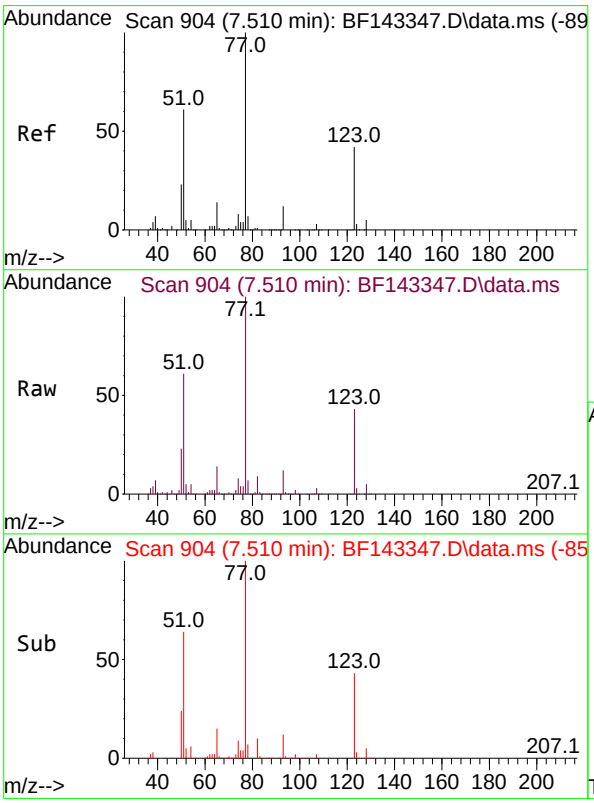
#23
Nitrobenzene-d5
Concen: 83.642 ng
RT: 7.492 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 879802

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.5	50.3
54	58.4	46.7	70.1

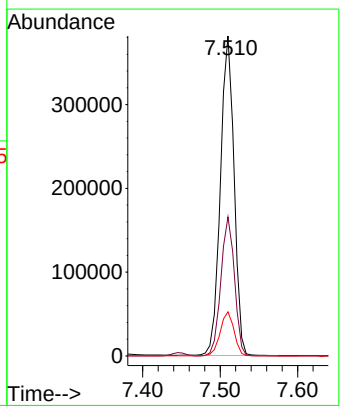


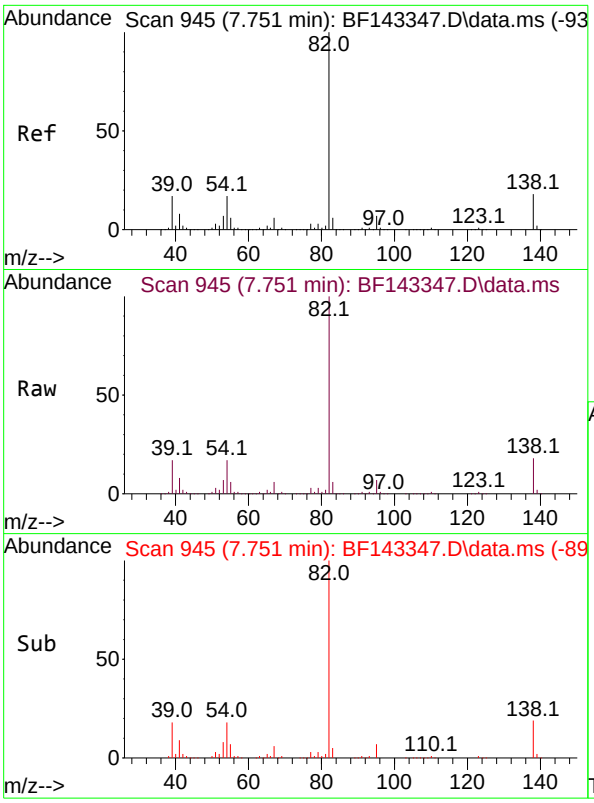


#24
Nitrobenzene
Concen: 41.135 ng
RT: 7.510 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 77 Resp: 469916

Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.8	52.2
65	13.8	11.0	16.6



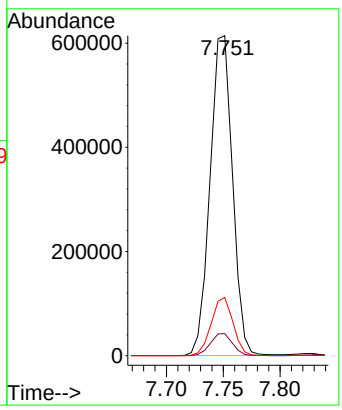


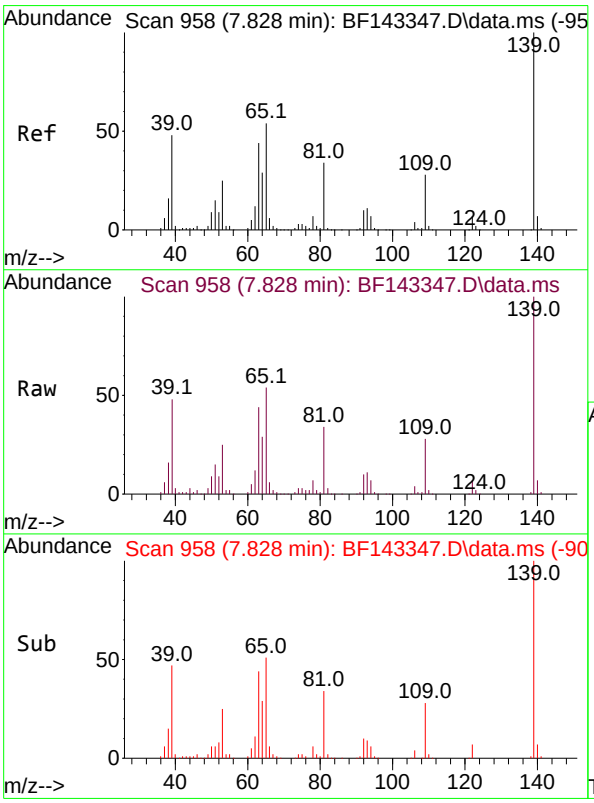
#25
Isophorone
Concen: 39.360 ng
RT: 7.751 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 845188

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	18.2	14.6	21.8

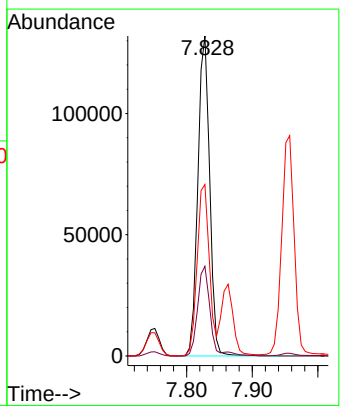


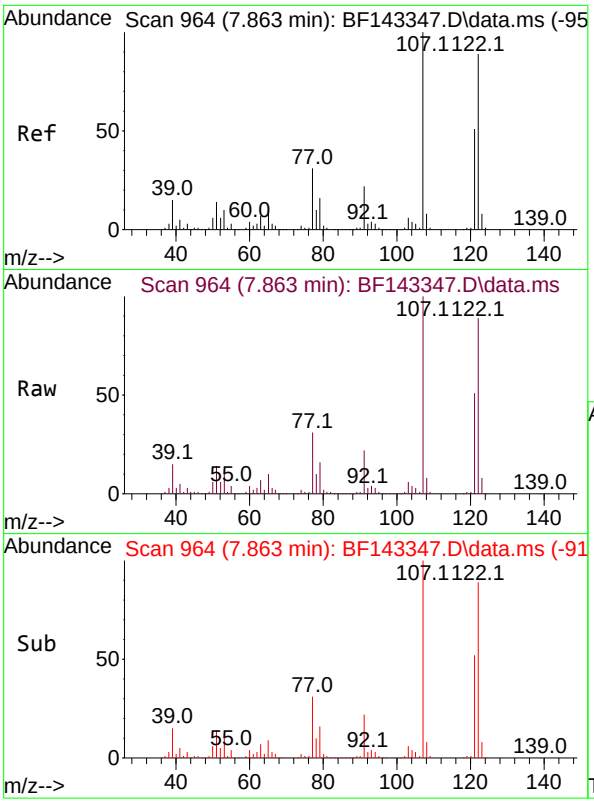


#26
2-Nitrophenol
Concen: 37.083 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:139 Resp: 165661

Ion	Ratio	Lower	Upper
139	100		
109	28.0	22.4	33.6
65	53.6	42.9	64.3



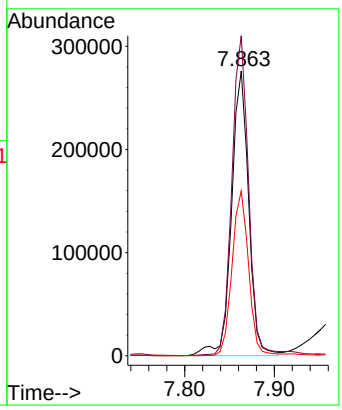


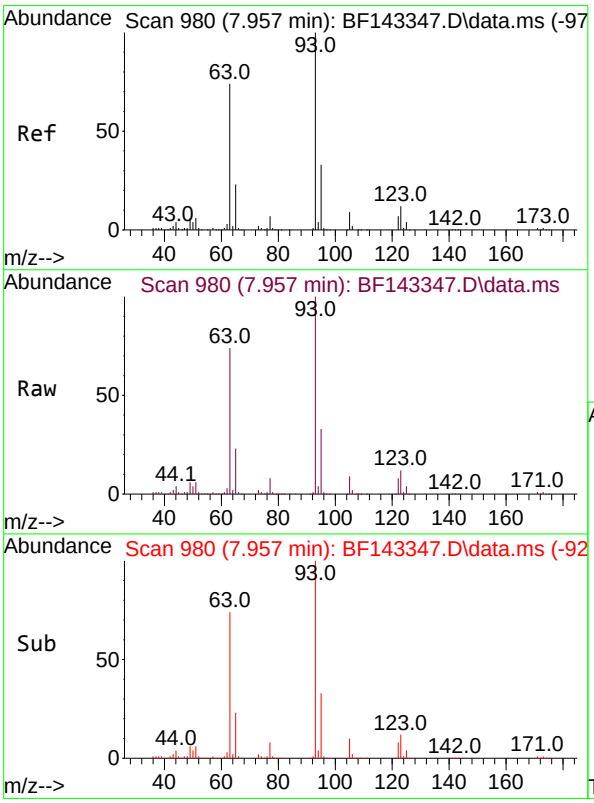
#27
2,4-Dimethylphenol
Concen: 40.820 ng
RT: 7.863 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 365692

Ion	Ratio	Lower	Upper
122	100		
107	112.4	89.9	134.9
121	57.8	46.2	69.4

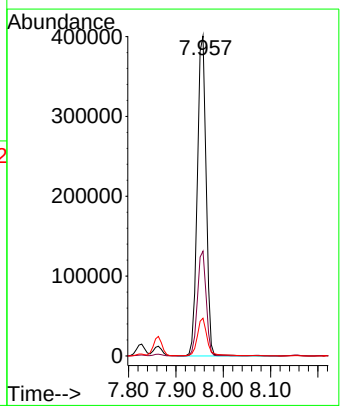


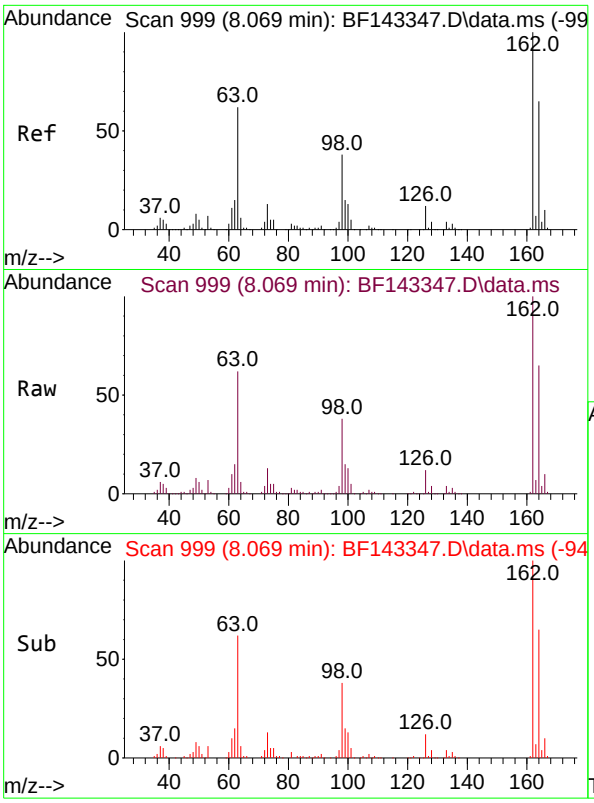


#28
bis(2-Chloroethoxy)methane
Concen: 39.540 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 93 Resp: 518389

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	11.8	9.4	14.2



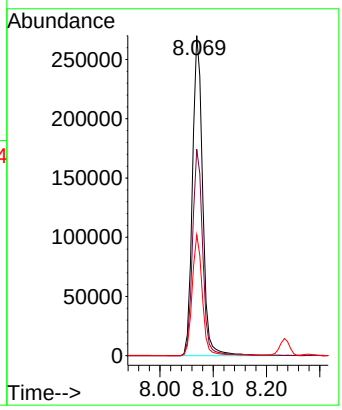


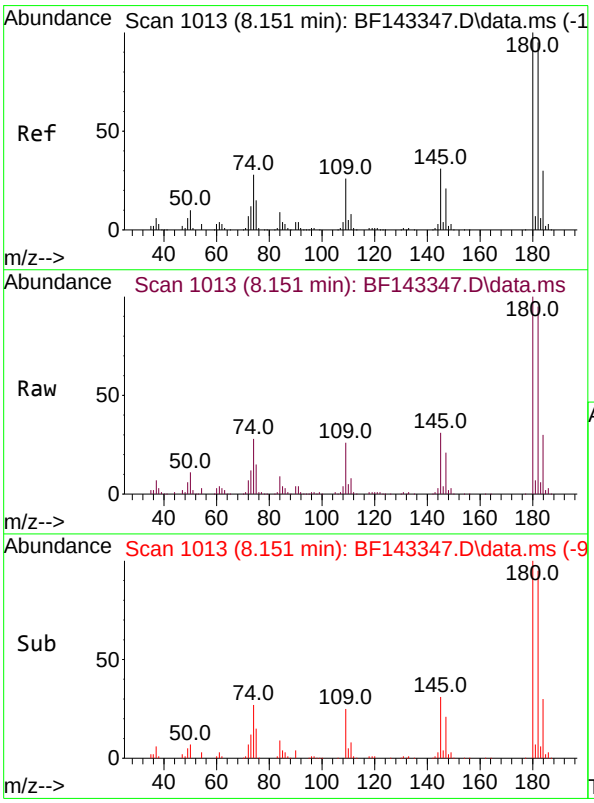
#29
2,4-Dichlorophenol
Concen: 41.210 ng
RT: 8.069 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 360583

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.5	84.5
98	37.7	17.7	57.7

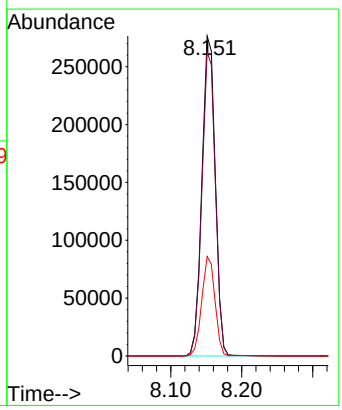


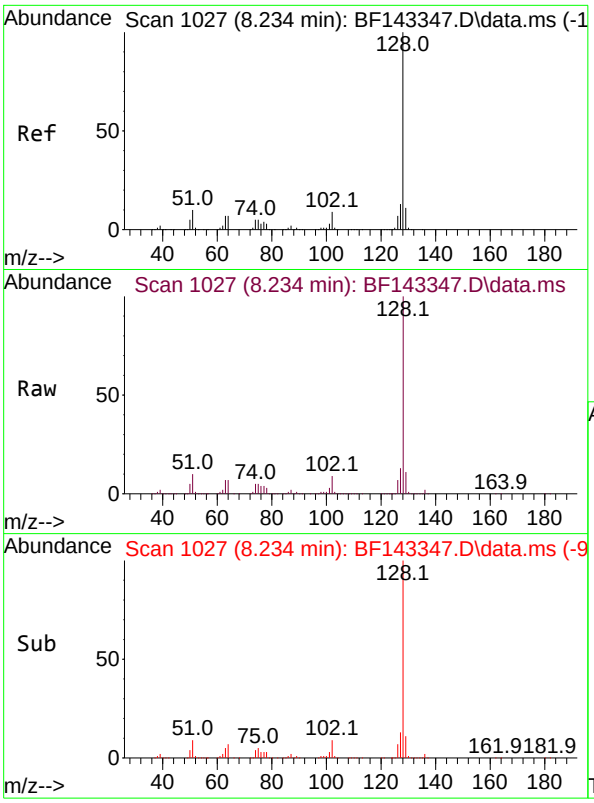


#30
1,2,4-Trichlorobenzene
Concen: 39.377 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:180 Resp: 363439

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	31.1	24.9	37.3



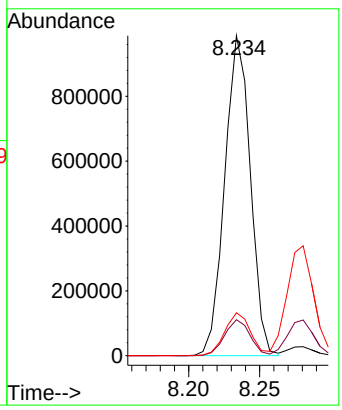


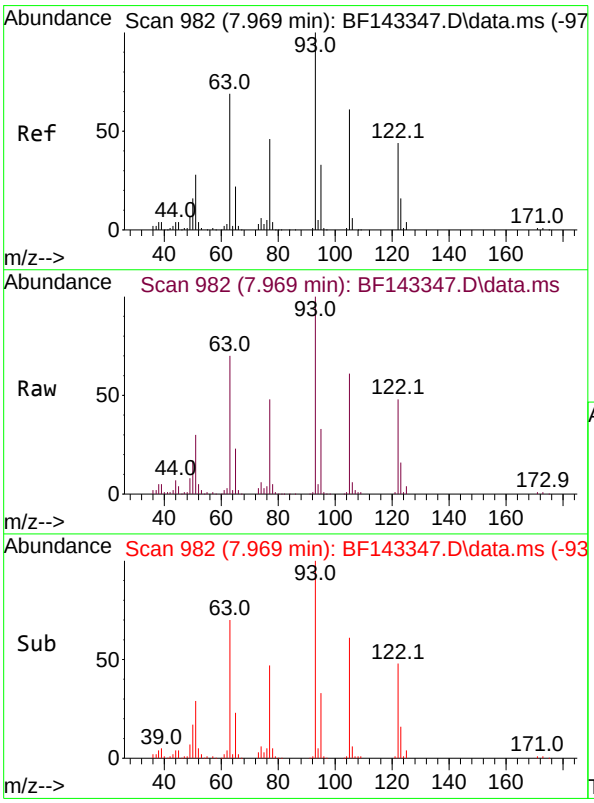
#31
Naphthalene
Concen: 39.250 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1237121

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.4	10.7	16.1

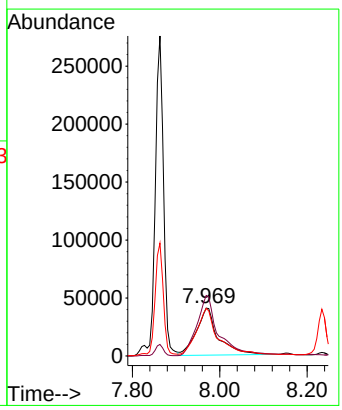


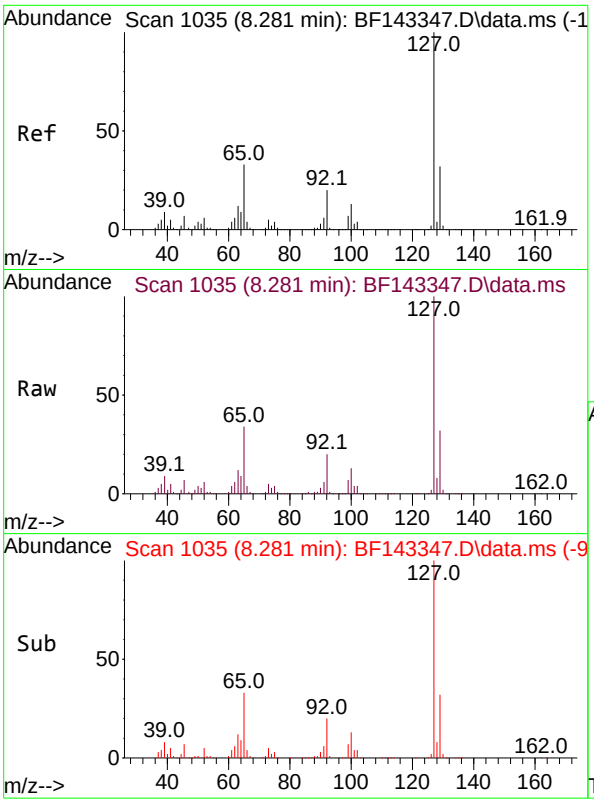


#32
Benzoic acid
Concen: 39.021 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:122 Resp: 141523

Ion	Ratio	Lower	Upper
122	100		
105	126.4	106.4	146.4
77	99.2	79.2	119.2



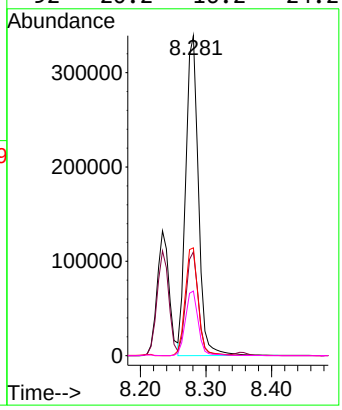


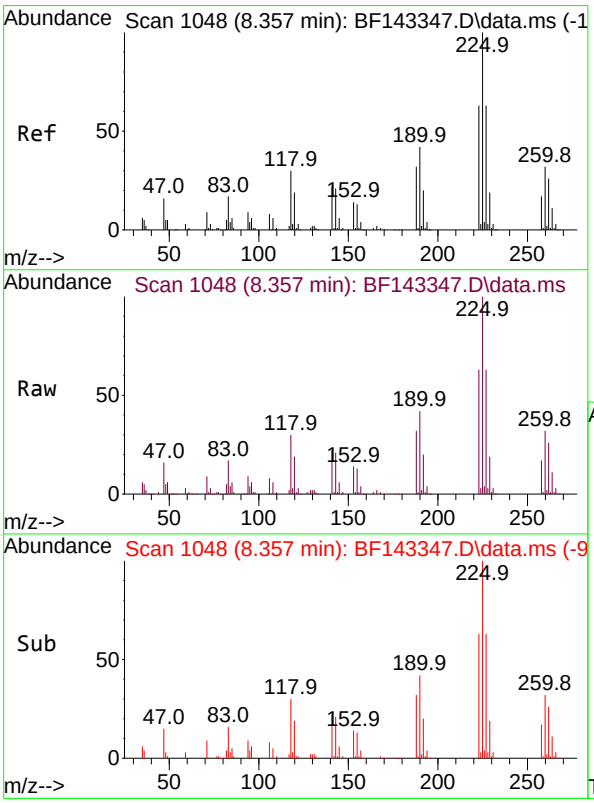
#33
4-Chloroaniline
Concen: 39.784 ng
RT: 8.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 452276

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	33.7	27.0	40.4
92	20.2	16.2	24.2

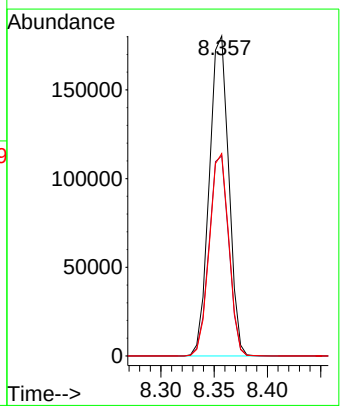


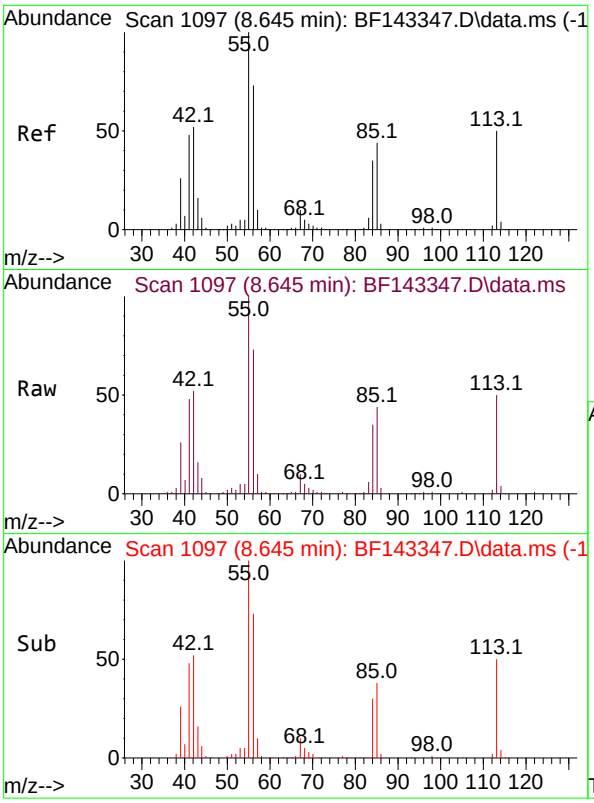


#34
Hexachlorobutadiene
Concen: 39.902 ng
RT: 8.357 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:225 Resp: 229101

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	63.2	50.6	75.8



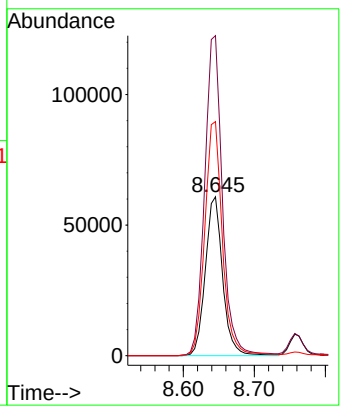


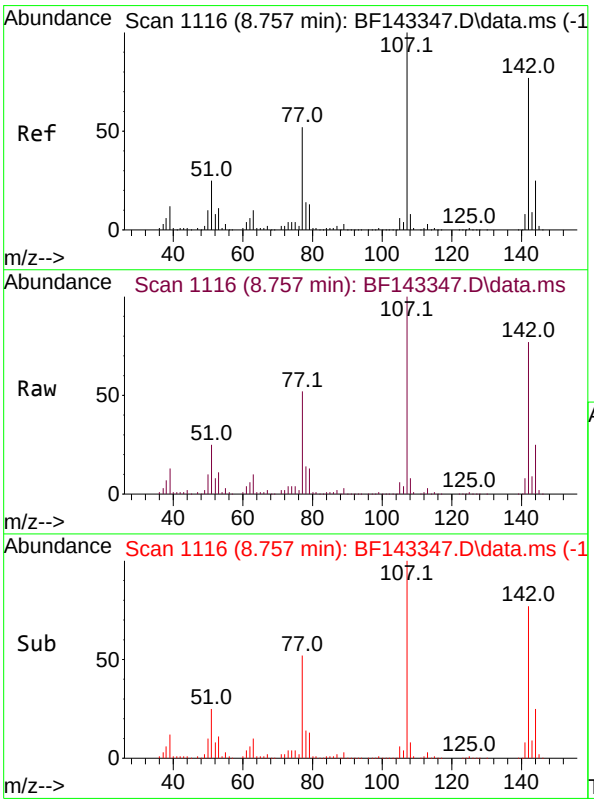
#35
Caprolactam
Concen: 41.884 ng
RT: 8.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 103025

Ion	Ratio	Lower	Upper
113	100		
55	201.4	181.4	221.4
56	147.3	127.3	167.3

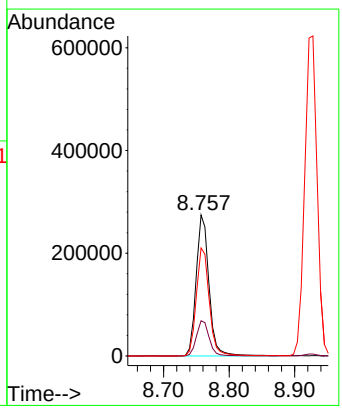


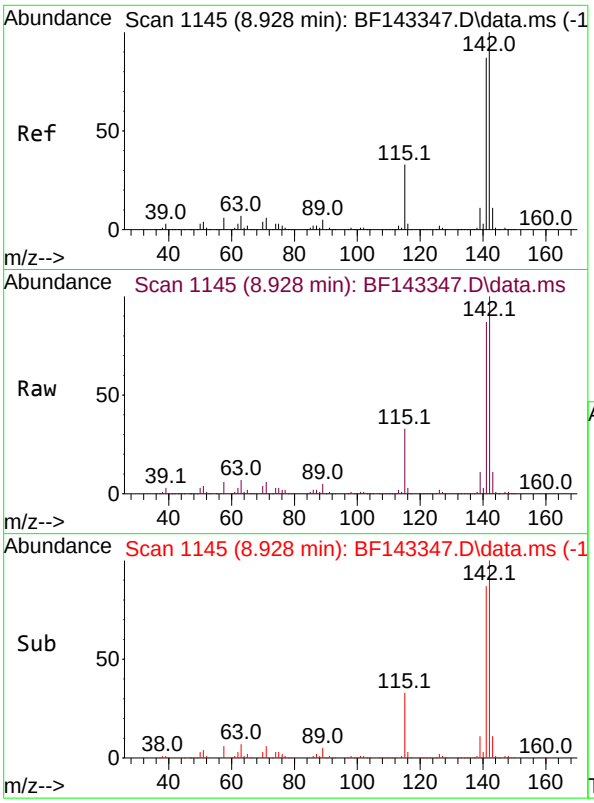


#36
4-Chloro-3-methylphenol
Concen: 40.883 ng
RT: 8.757 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:107 Resp: 375017

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.0	30.0
142	76.6	61.3	91.9



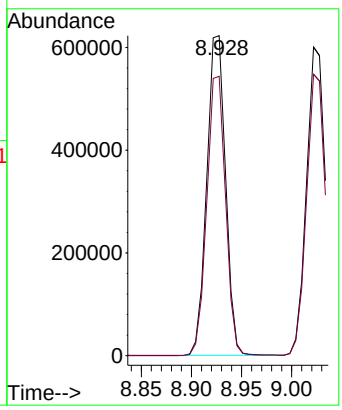


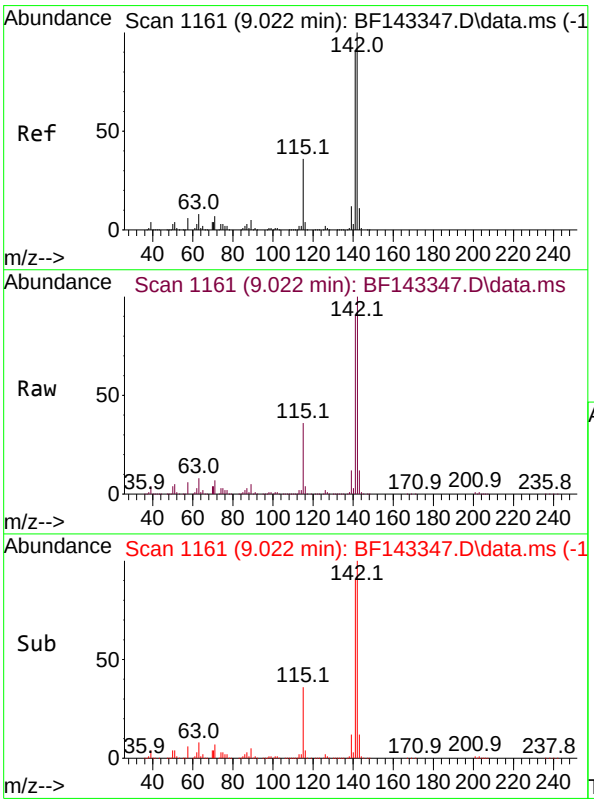
#37
2-Methylnaphthalene
Concen: 39.298 ng
RT: 8.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 814304

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.8	104.8

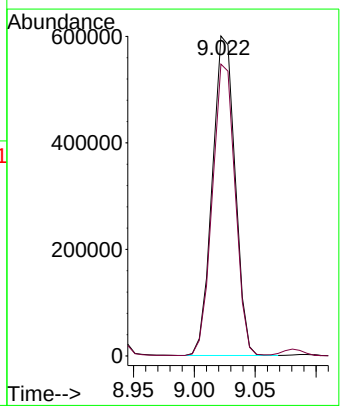


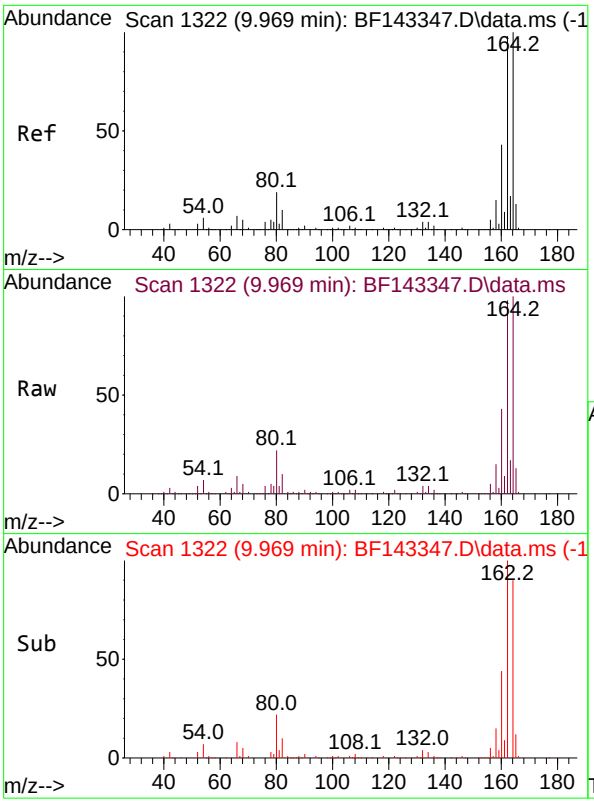


#38
1-Methylnaphthalene
Concen: 39.075 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:142 Resp: 779823

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4



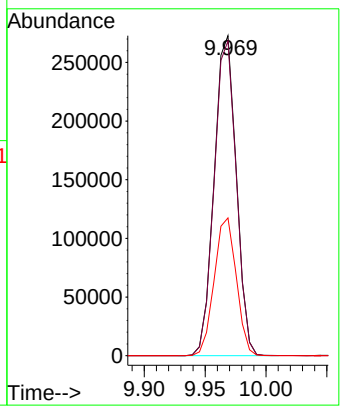


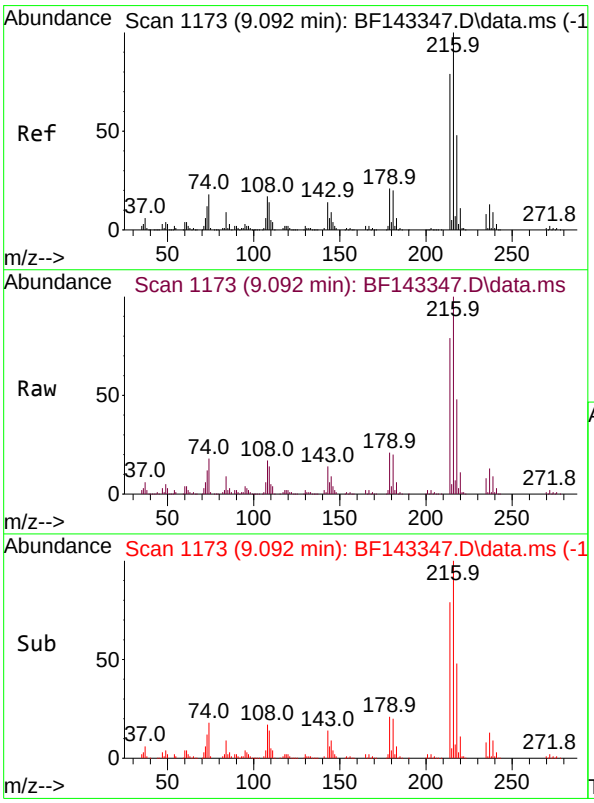
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 345532

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.6	118.0
160	43.0	34.4	51.6

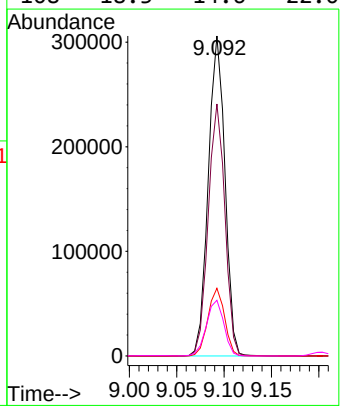


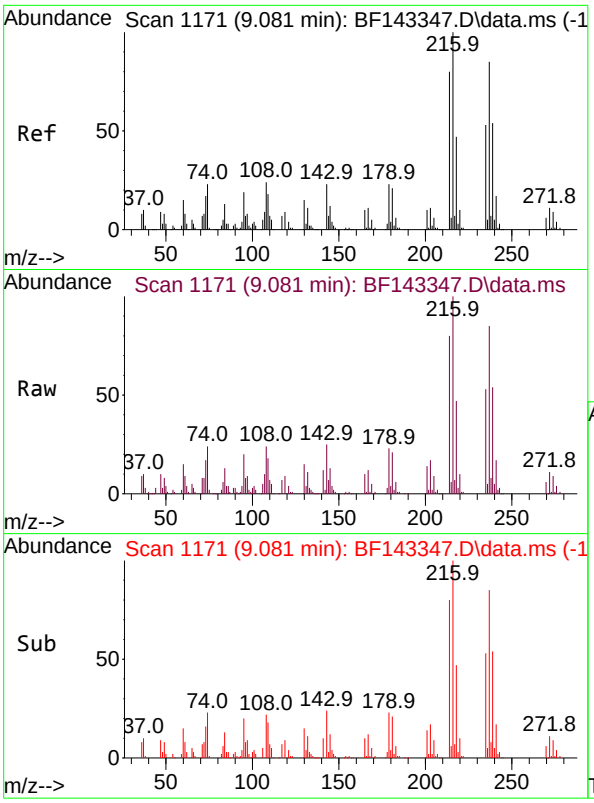


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.640 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:216 Resp: 374807

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.2	17.0	25.4
108	18.3	14.6	22.0



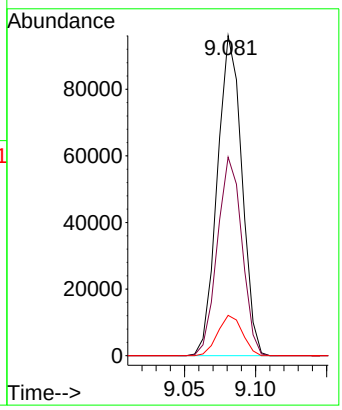


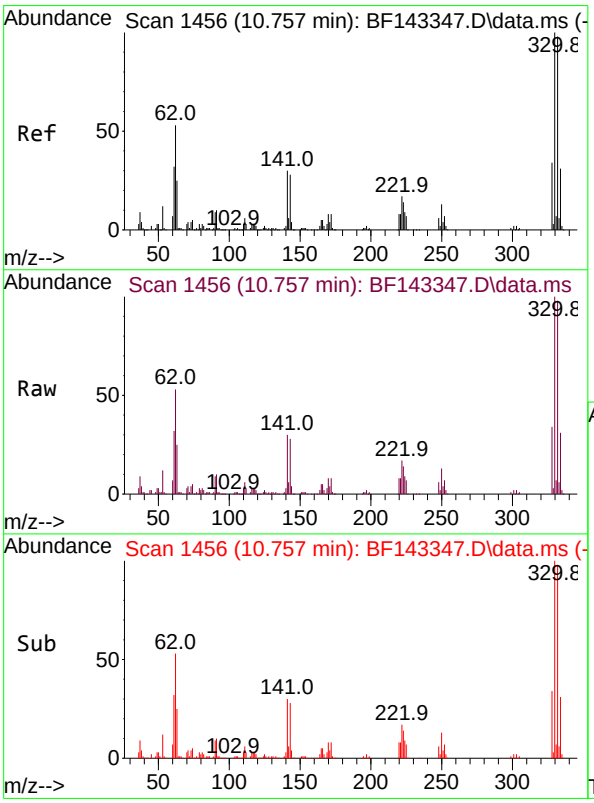
#41
Hexachlorocyclopentadiene
Concen: 38.401 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 115551

Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.0	82.0
272	12.6	0.0	32.6

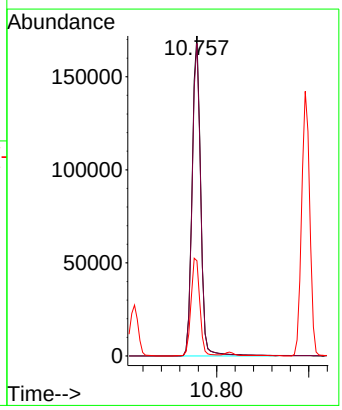


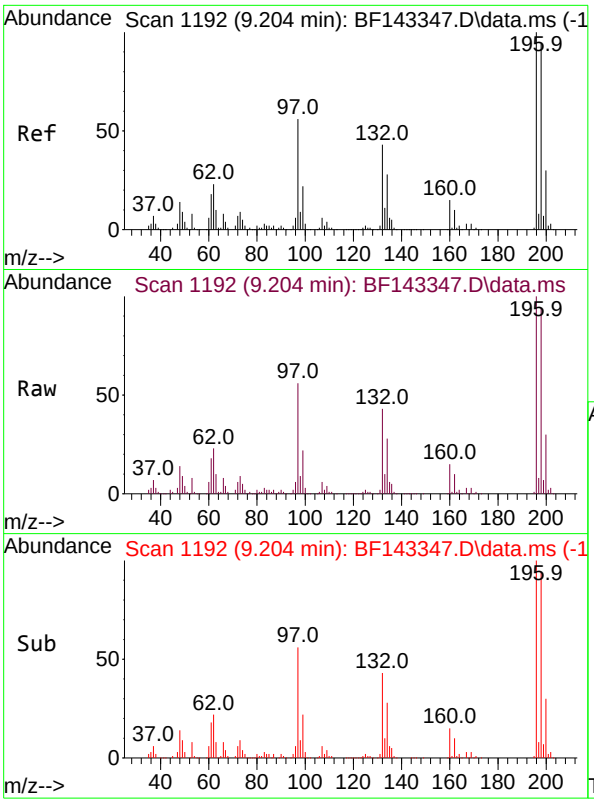


#42
2,4,6-Tribromophenol
Concen: 87.313 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:330 Resp: 220484

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	31.7	25.4	38.0



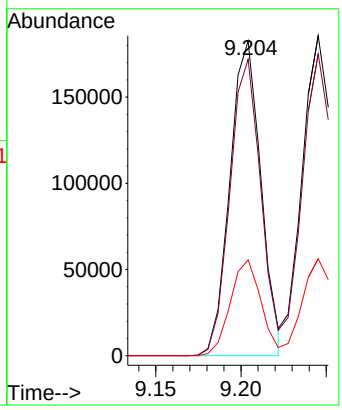


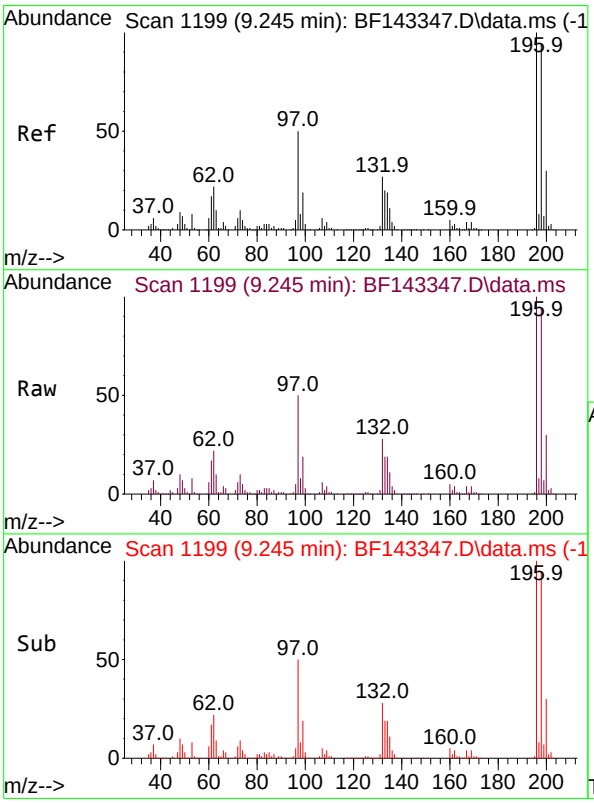
#43
2,4,6-Trichlorophenol
Concen: 43.008 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 230730

Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.4	113.0
200	30.4	24.3	36.5

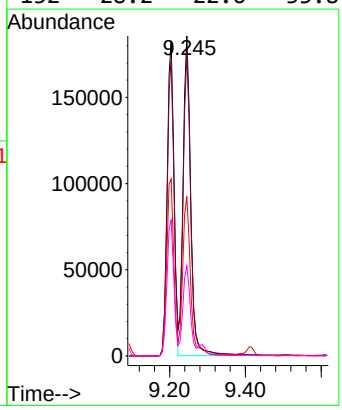


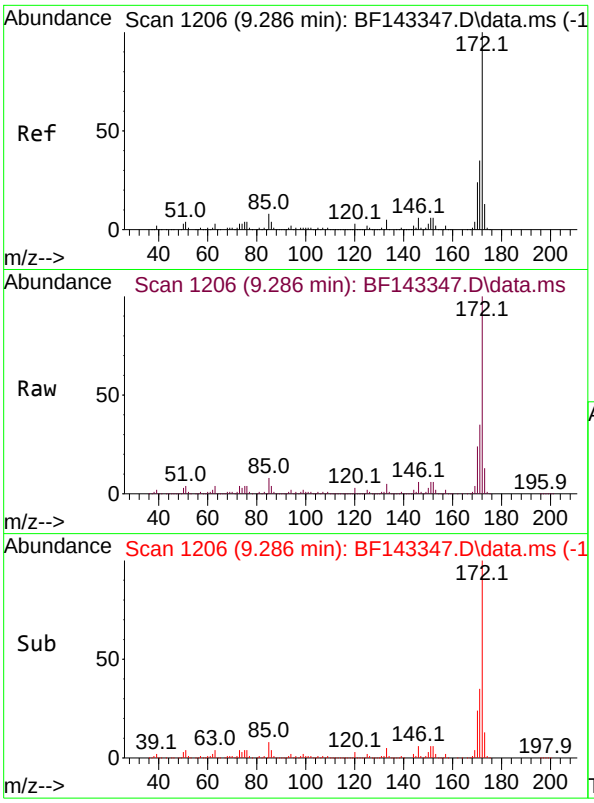


#44
2,4,5-Trichlorophenol
Concen: 43.029 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:196 Resp: 260681

Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.4	113.2
97	49.9	39.9	59.9
132	28.2	22.6	33.8



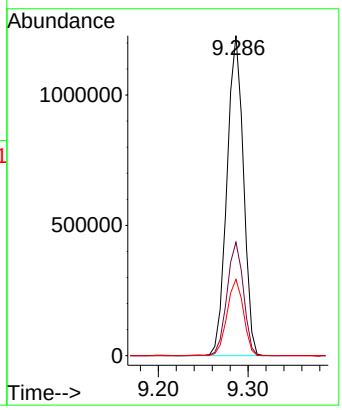


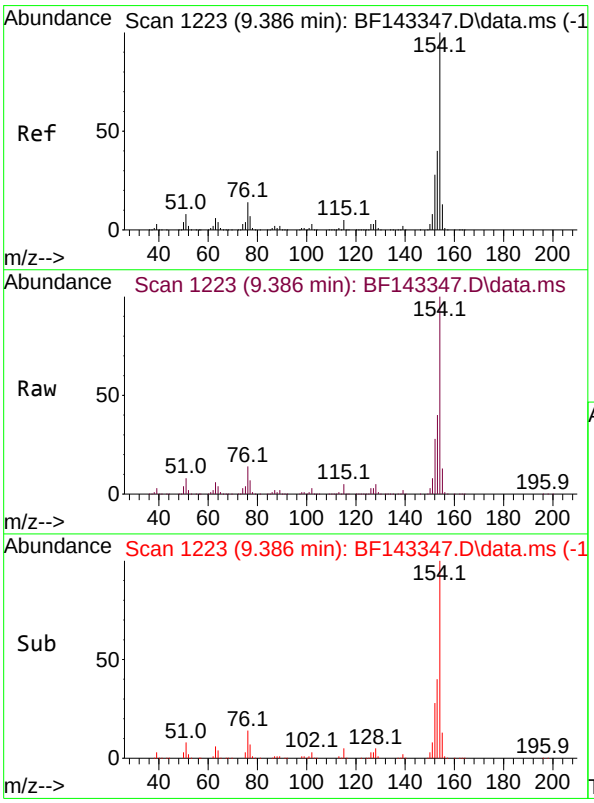
#45
2-Fluorobiphenyl
Concen: 76.811 ng
RT: 9.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 1565121

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.9	19.1	28.7

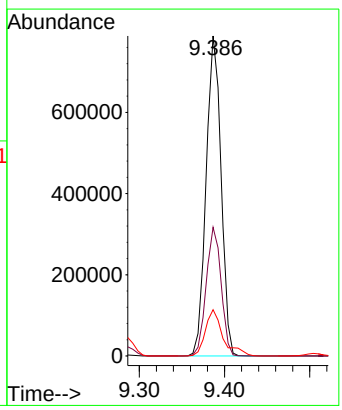


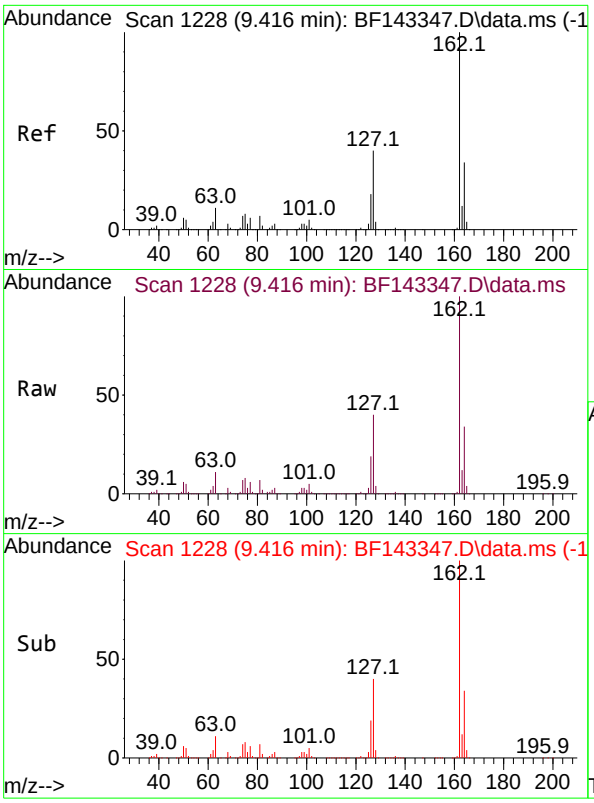


#46
1,1'-Biphenyl
Concen: 39.285 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:154 Resp: 959774

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	14.4	0.0	34.4



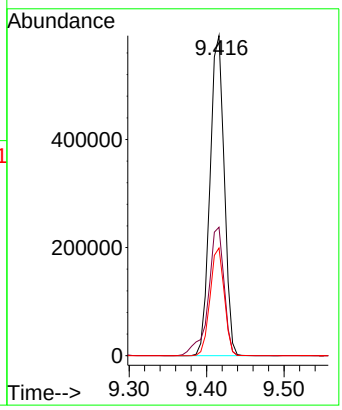


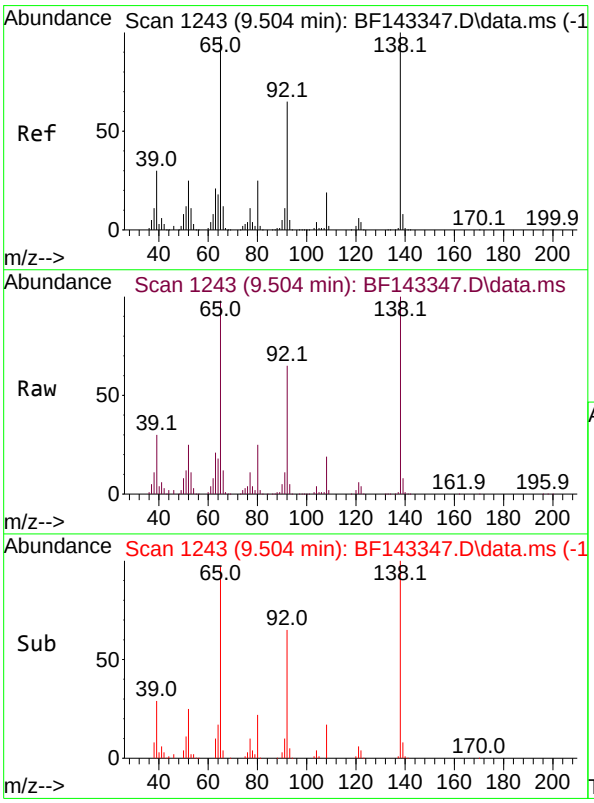
#47
2-Chloronaphthalene
Concen: 39.322 ng
RT: 9.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 756597

Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.1	48.1
164	33.7	27.0	40.4

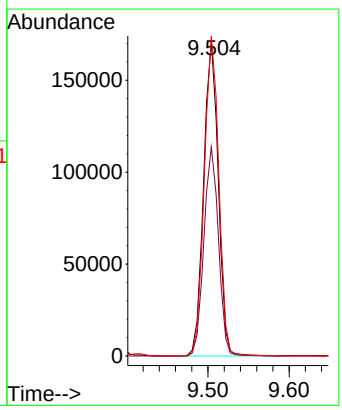


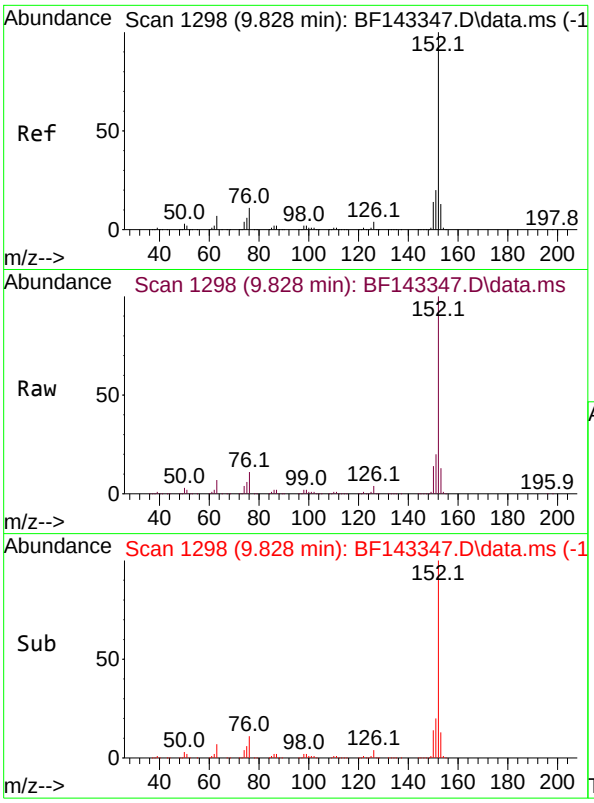


#48
2-Nitroaniline
Concen: 39.058 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 65 Resp: 213717

Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.1	79.7
138	101.7	81.4	122.0



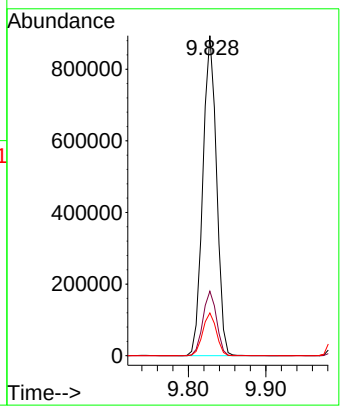


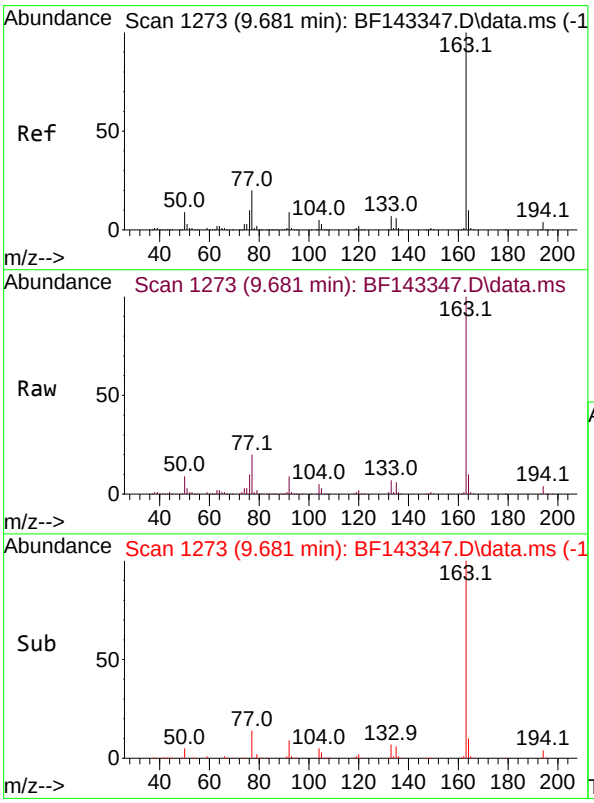
#49
Acenaphthylene
Concen: 39.490 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 1097291

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.3	10.6	16.0

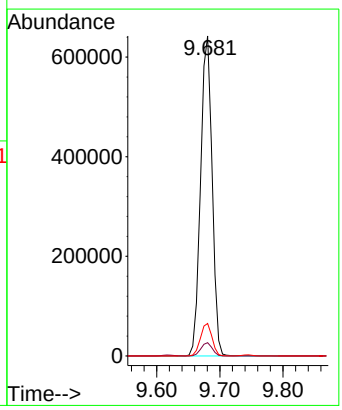


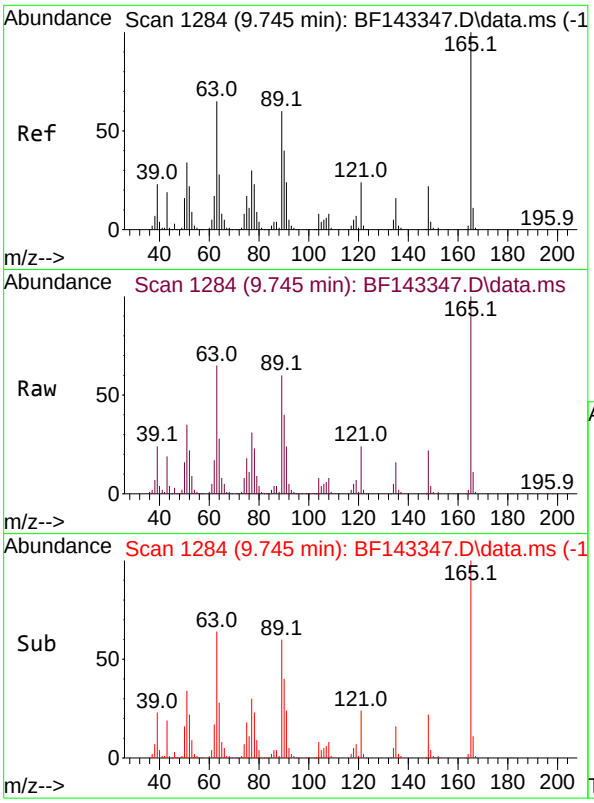


#50
Dimethylphthalate
Concen: 40.398 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:163 Resp: 815627

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.2	12.2



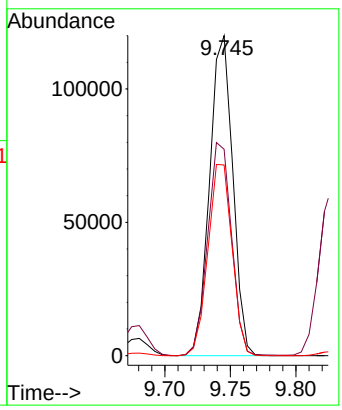


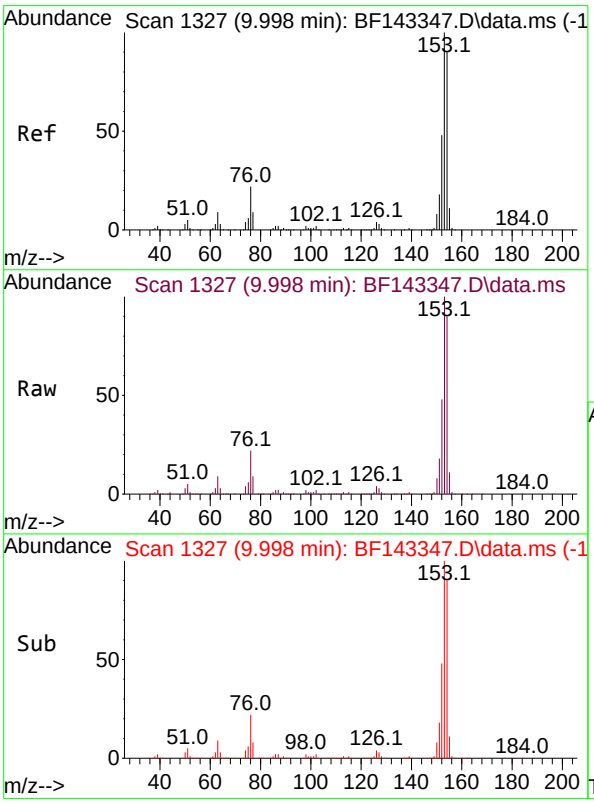
#51
2,6-Dinitrotoluene
Concen: 39.128 ng
RT: 9.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 147260

Ion	Ratio	Lower	Upper
165	100		
63	64.5	51.6	77.4
89	59.6	47.7	71.5

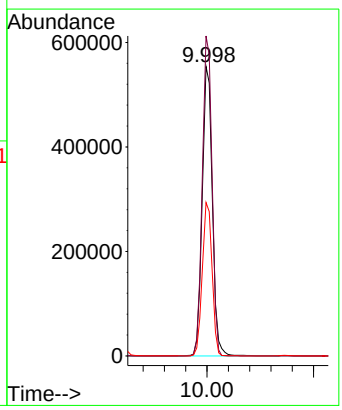


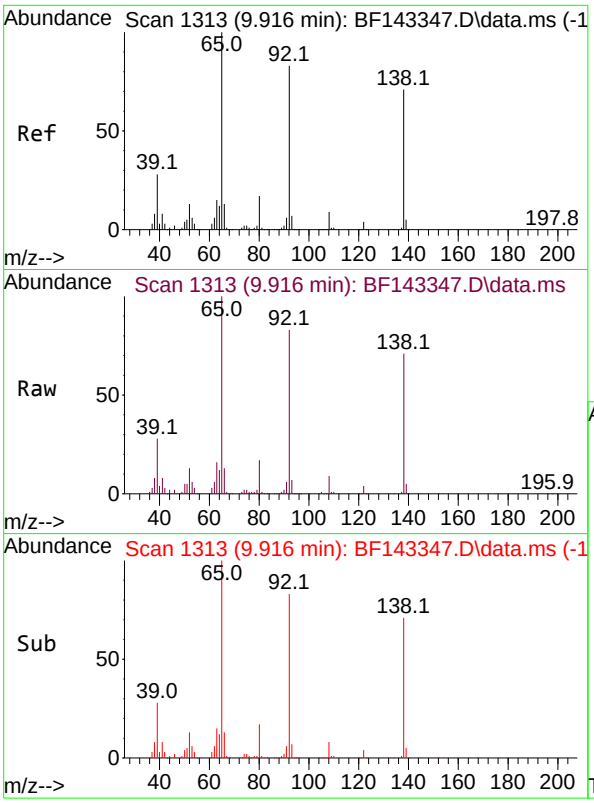


#52
Acenaphthene
Concen: 39.446 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:154 Resp: 728691

Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.5	132.7
152	53.0	42.4	63.6



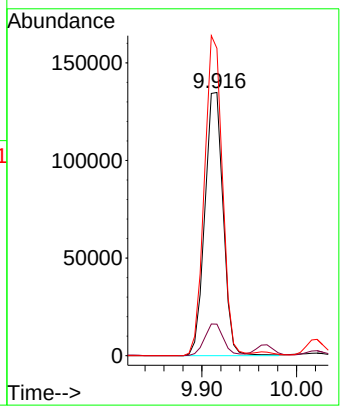


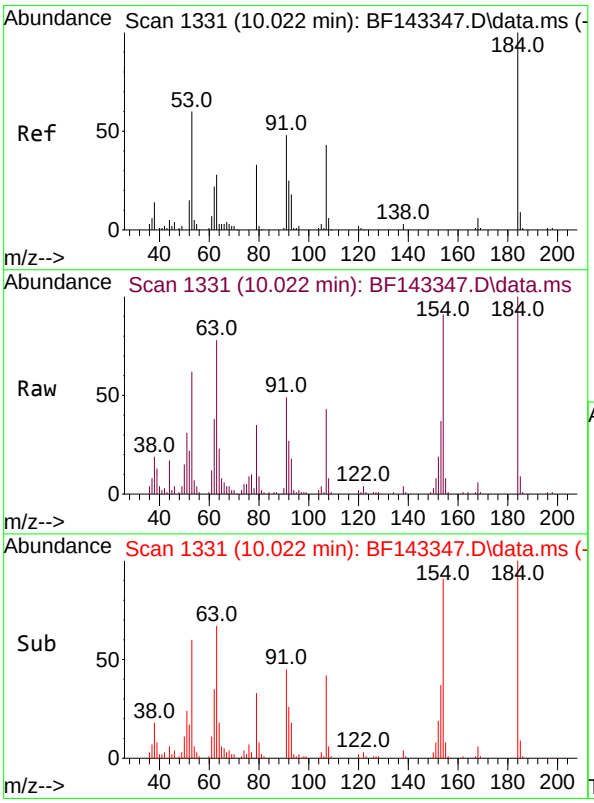
#53
3-Nitroaniline
Concen: 43.642 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 180447

Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.6	14.4
92	116.8	93.4	140.2

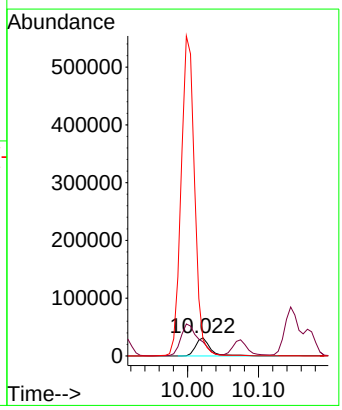


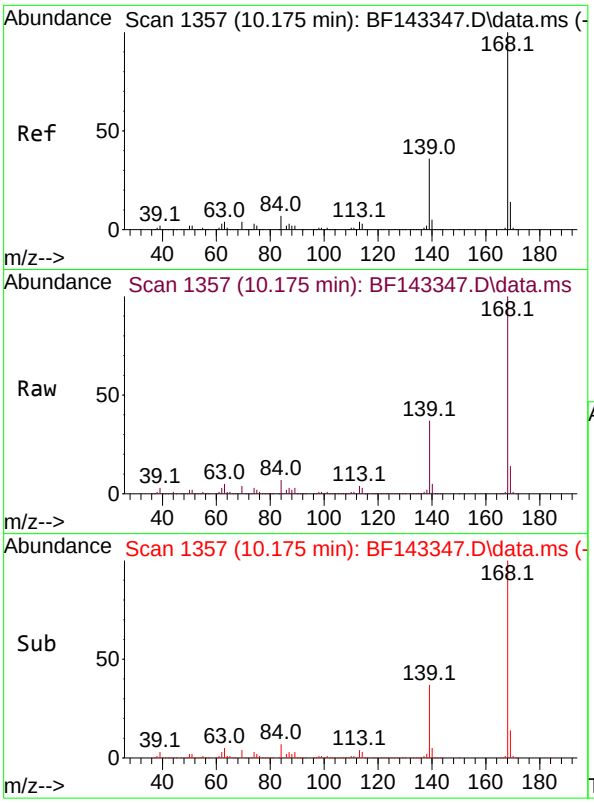


#54
2,4-Dinitrophenol
Concen: 39.434 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:184 Resp: 45578

Ion	Ratio	Lower	Upper
184	100		
63	78.1	62.5	93.7
154	91.2	73.0	109.4



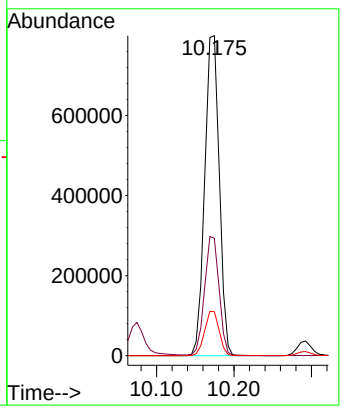


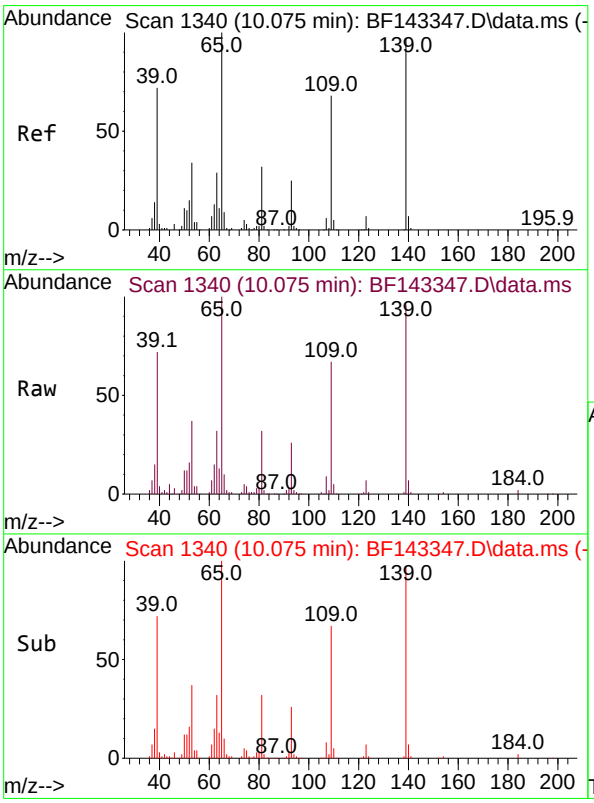
#55
Dibenzofuran
Concen: 39.267 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 1043986

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.4	44.0
169	13.8	11.0	16.6

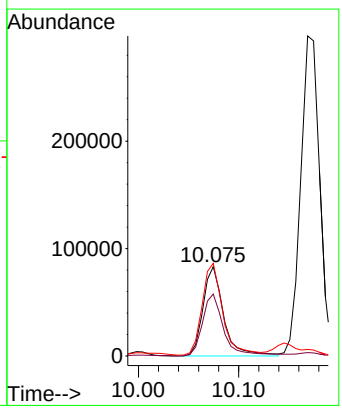


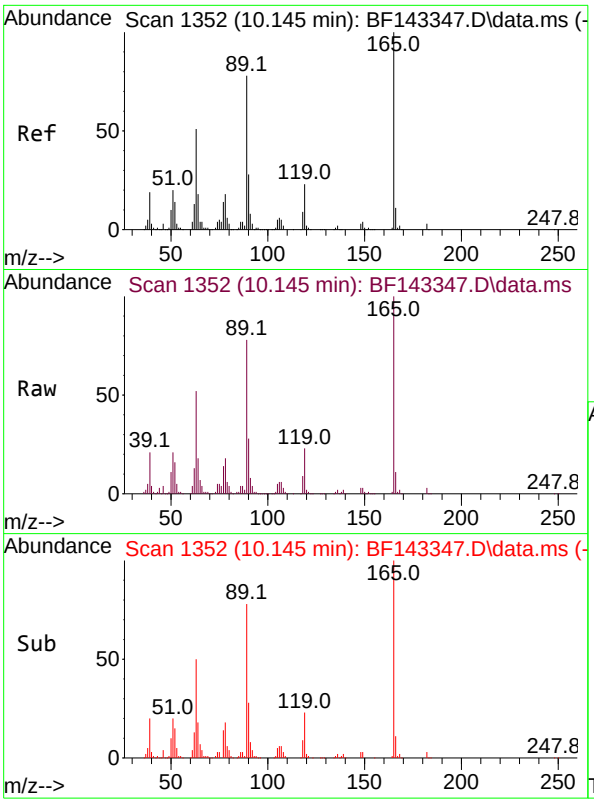


#56
4-Nitrophenol
Concen: 39.132 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:139 Resp: 119387

Ion	Ratio	Lower	Upper
139	100		
109	69.4	49.4	89.4
65	103.7	83.7	123.7



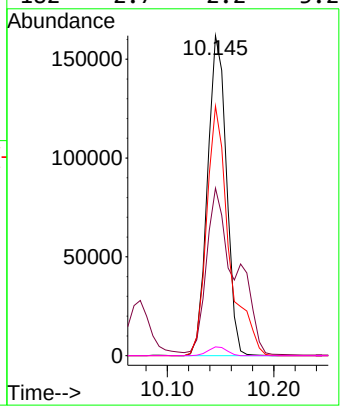


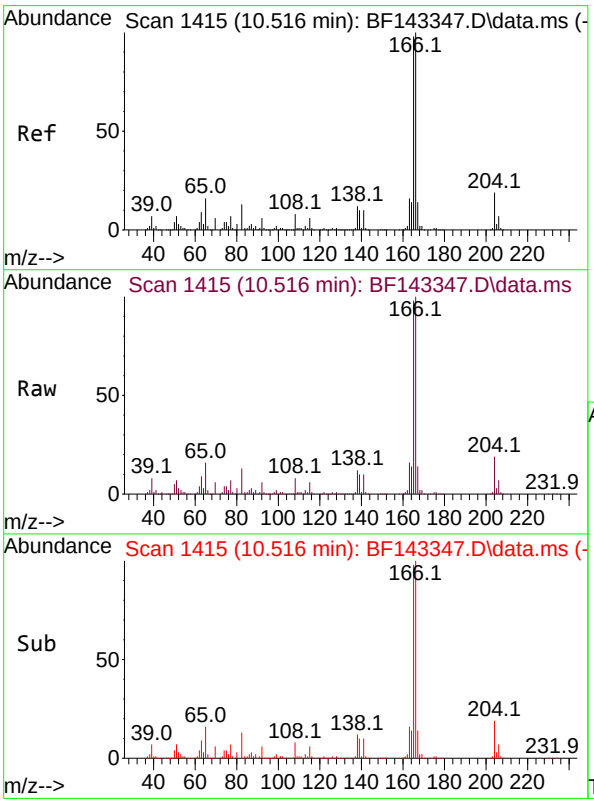
#57
2,4-Dinitrotoluene
Concen: 39.946 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 199781

Ion	Ratio	Lower	Upper
165	100		
63	52.3	41.8	62.8
89	78.0	62.4	93.6
182	2.7	2.2	3.2

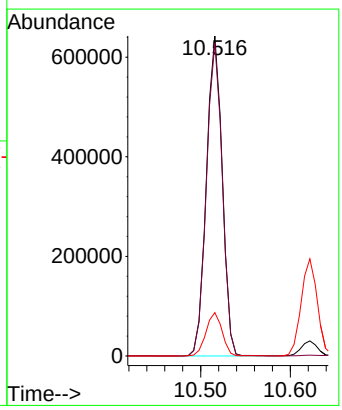


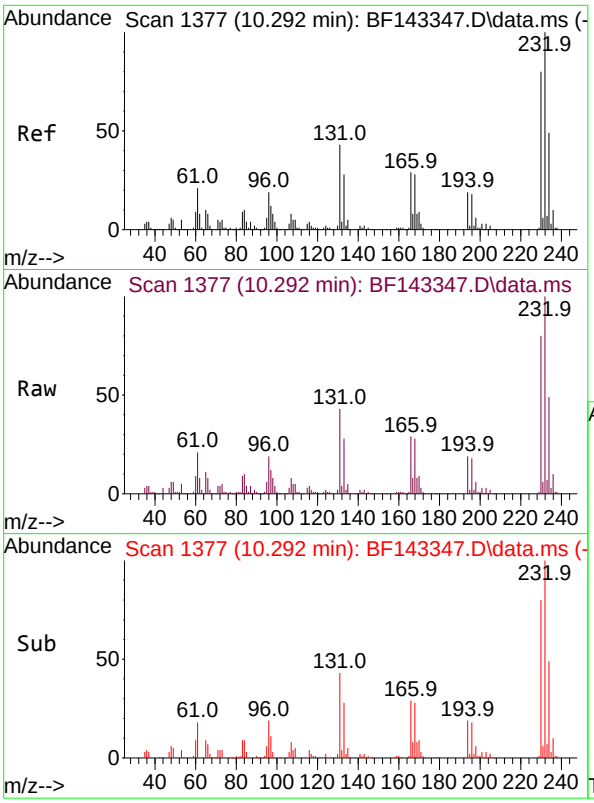


#58
Fluorene
Concen: 38.860 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:166 Resp: 789149

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	13.6	10.9	16.3



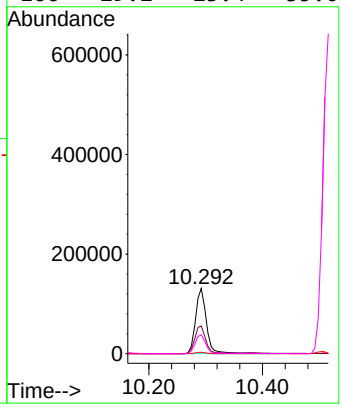


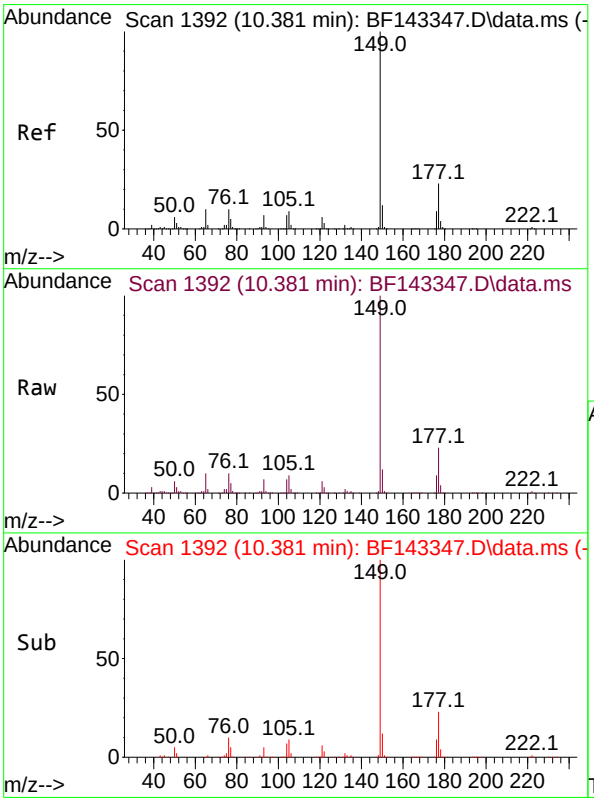
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.137 ng
RT: 10.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 176166

Ion	Ratio	Lower	Upper
232	100		
131	43.2	34.6	51.8
130	2.1	1.7	2.5
166	29.2	23.4	35.0

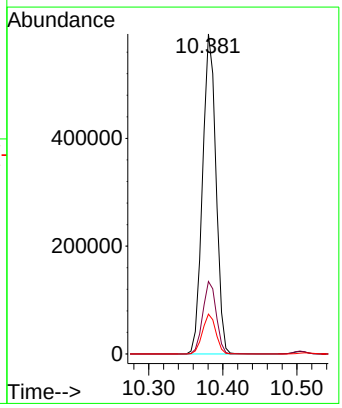


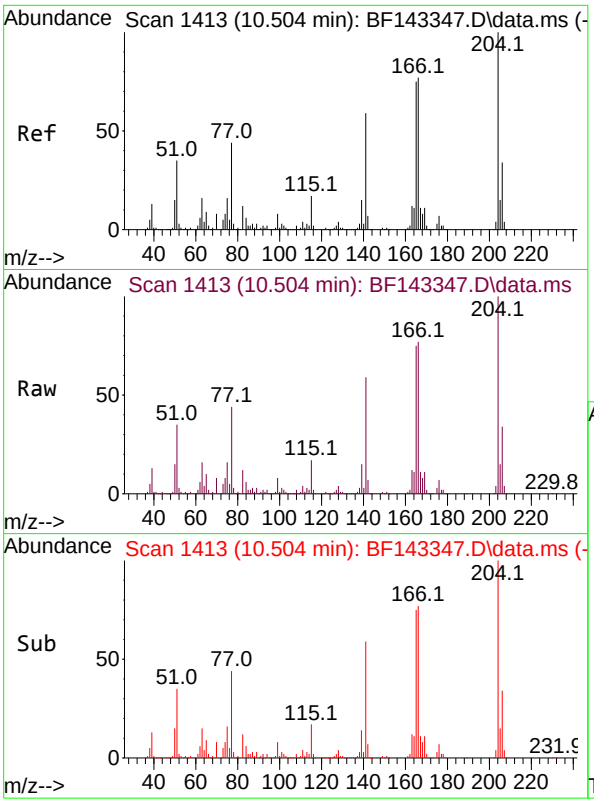


#60
Diethylphthalate
Concen: 41.295 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:149 Resp: 746813

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	12.4	9.9	14.9



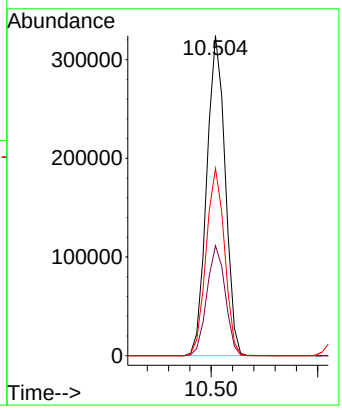


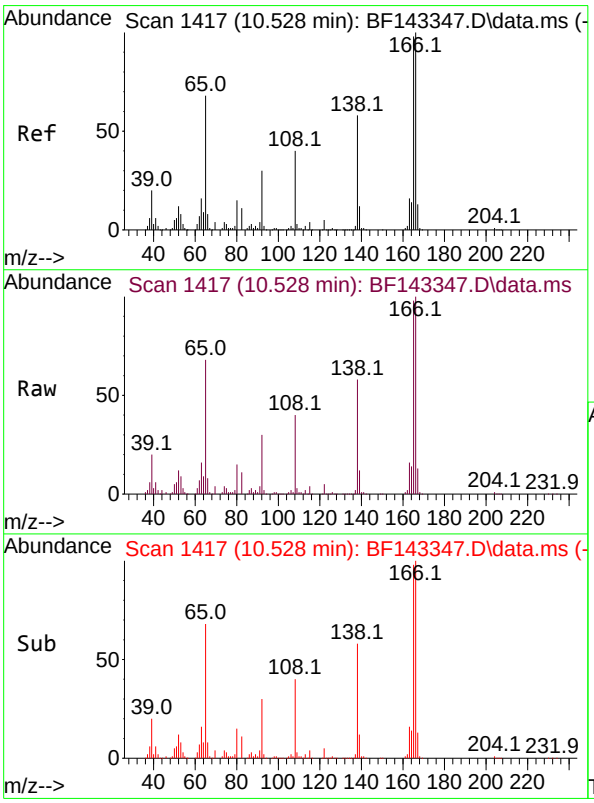
#61
4-Chlorophenyl-phenylether
Concen: 39.656 ng
RT: 10.504 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 389122

Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	58.6	46.9	70.3

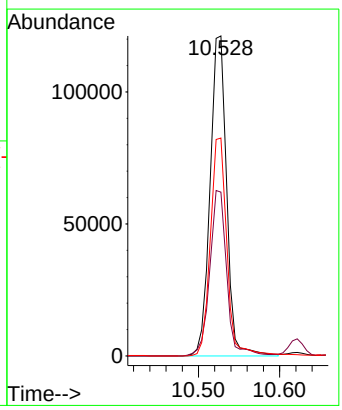


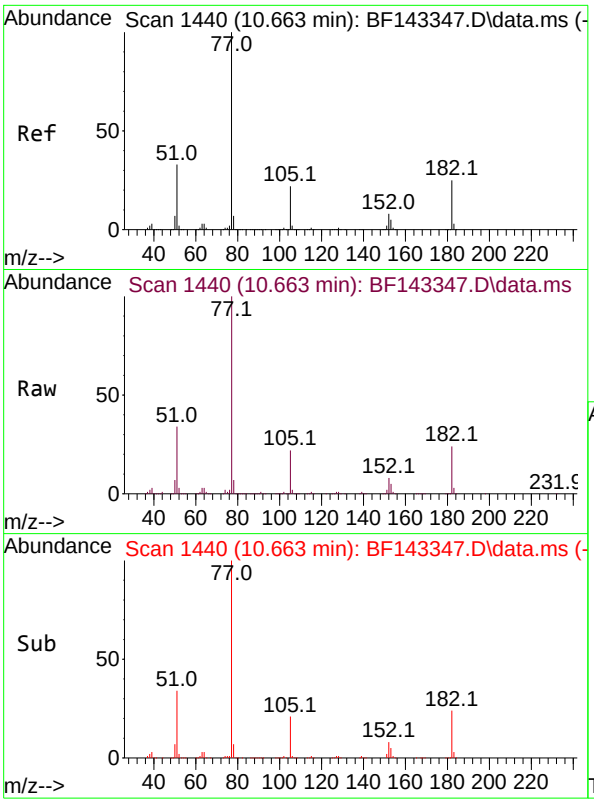


#62
4-Nitroaniline
Concen: 42.946 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:138 Resp: 171799

Ion	Ratio	Lower	Upper
138	100		
92	51.2	31.2	71.2
108	68.1	48.1	88.1



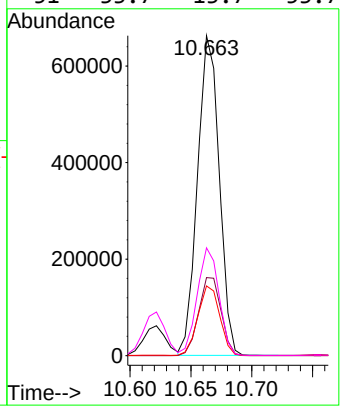


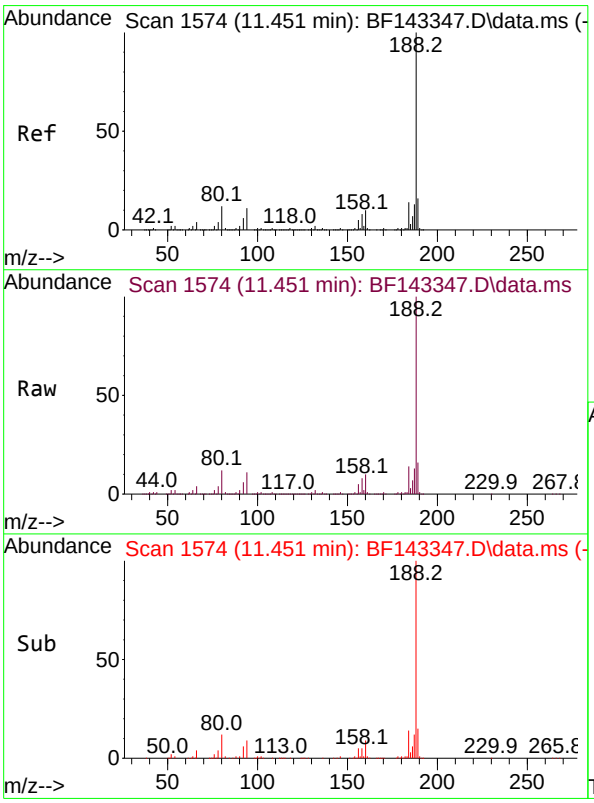
#63
Azobenzene
Concen: 39.906 ng
RT: 10.663 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 824319

Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.4	44.4
105	21.8	1.8	41.8
51	33.7	13.7	53.7

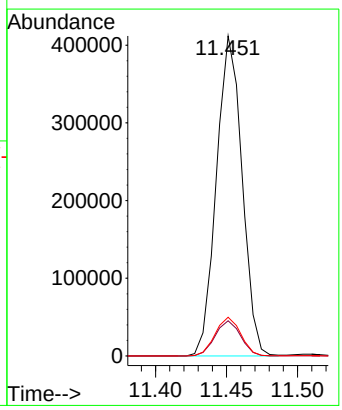


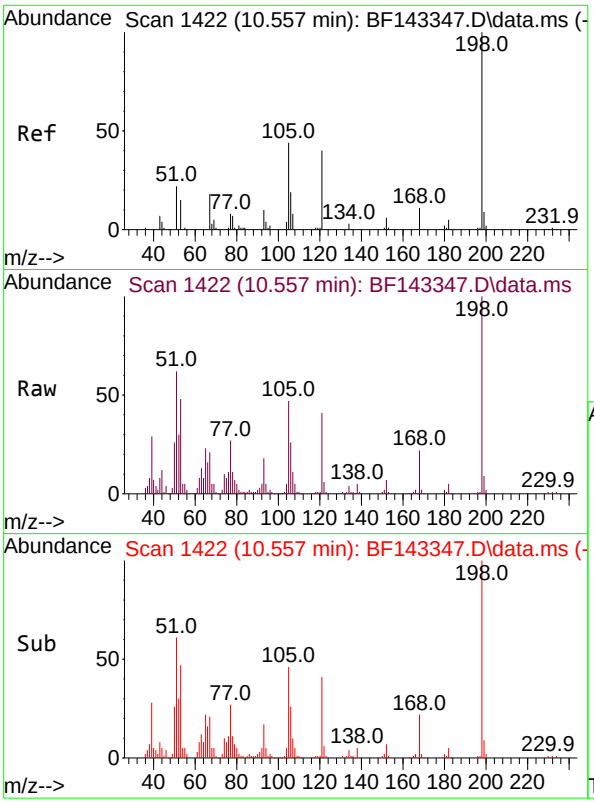


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:188 Resp: 517467

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.8	13.2
80	12.1	9.7	14.5



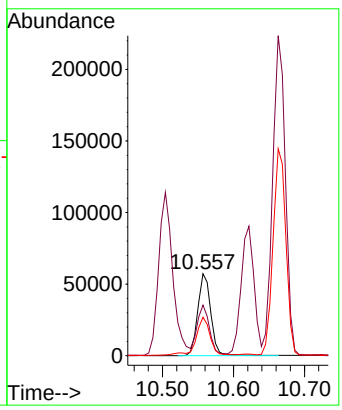


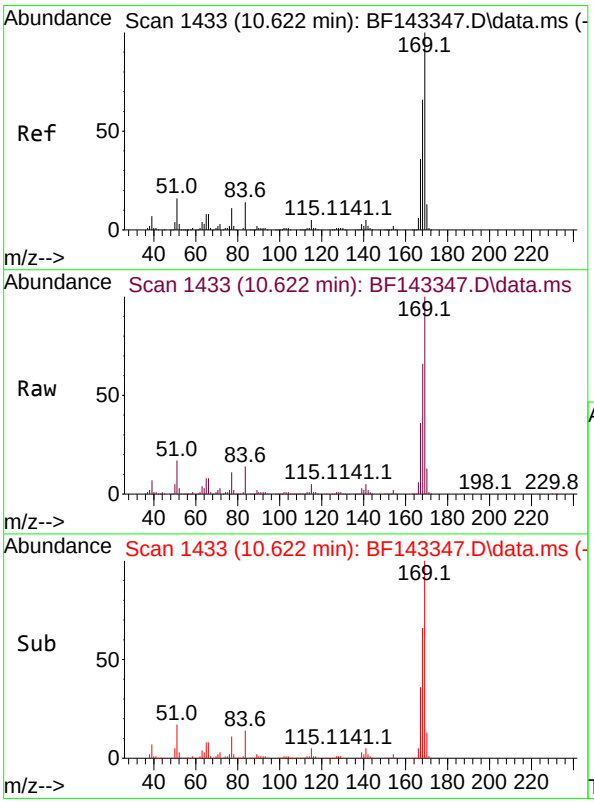
#65
4,6-Dinitro-2-methylphenol
Concen: 37.049 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 73478

Ion	Ratio	Lower	Upper
198	100		
51	61.7	41.7	81.7
105	46.8	26.8	66.8

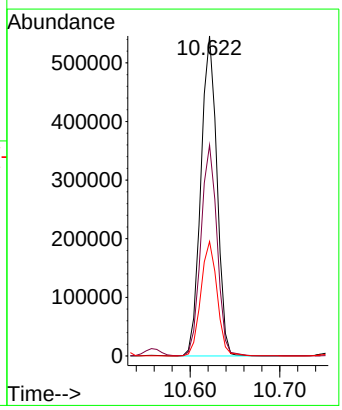


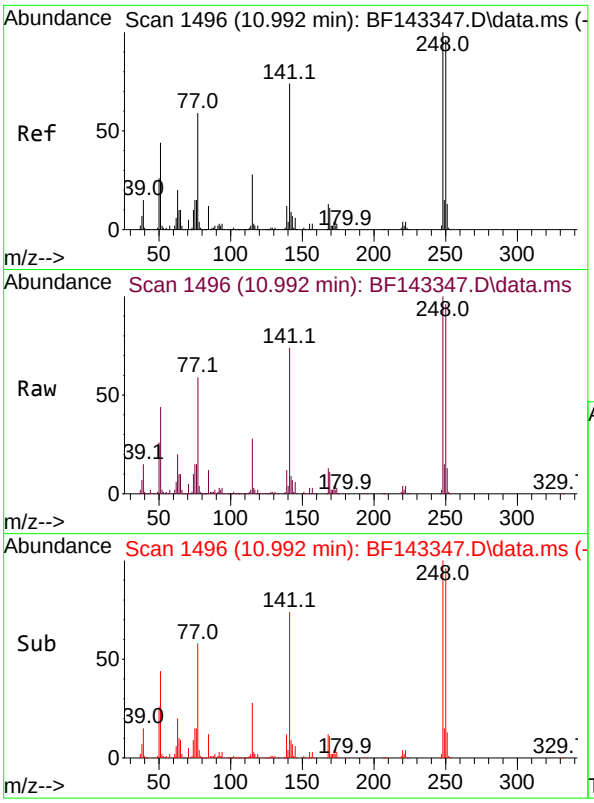


#66
n-Nitrosodiphenylamine
Concen: 39.800 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:169 Resp: 678152

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.7	79.1
167	35.7	28.6	42.8



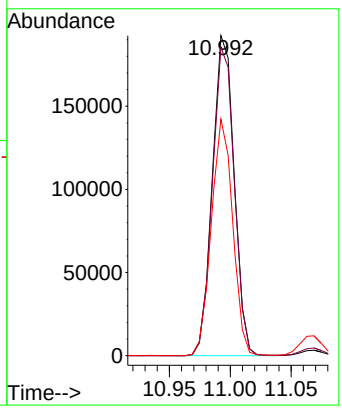


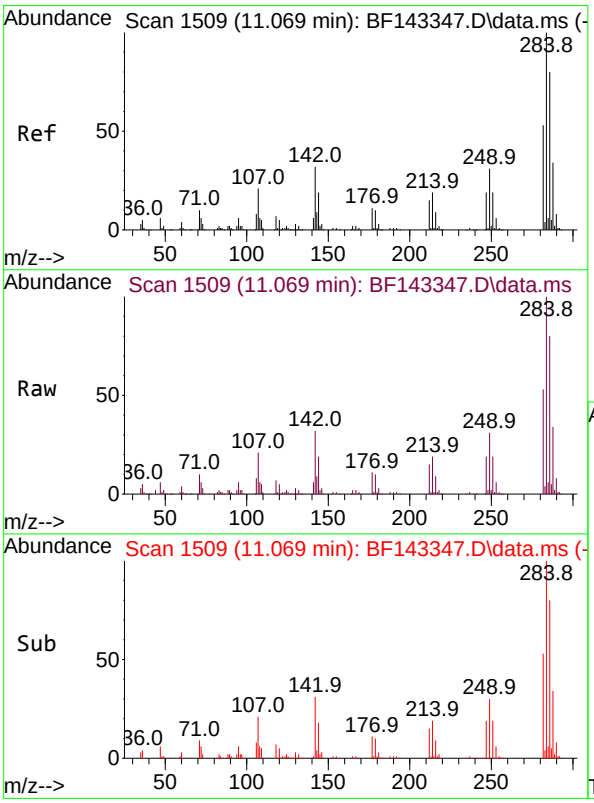
#67
4-Bromophenyl-phenylether
Concen: 40.461 ng
RT: 10.992 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 239456

Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	73.9	59.1	88.7

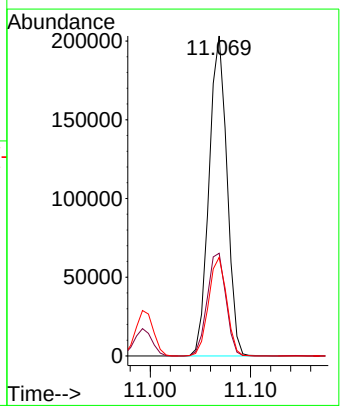


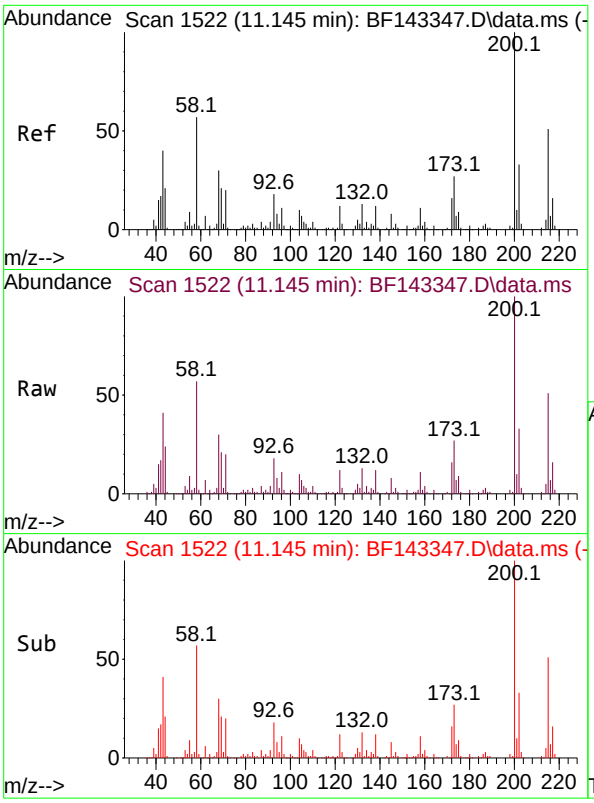


#68
Hexachlorobenzene
Concen: 39.589 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:284 Resp: 252547

Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.7	38.5
249	30.8	24.6	37.0



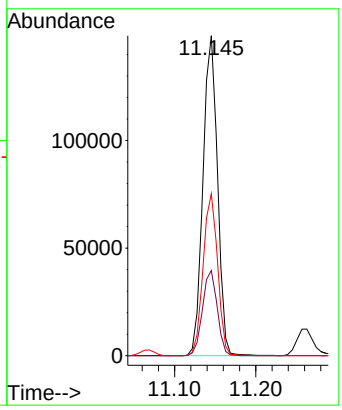


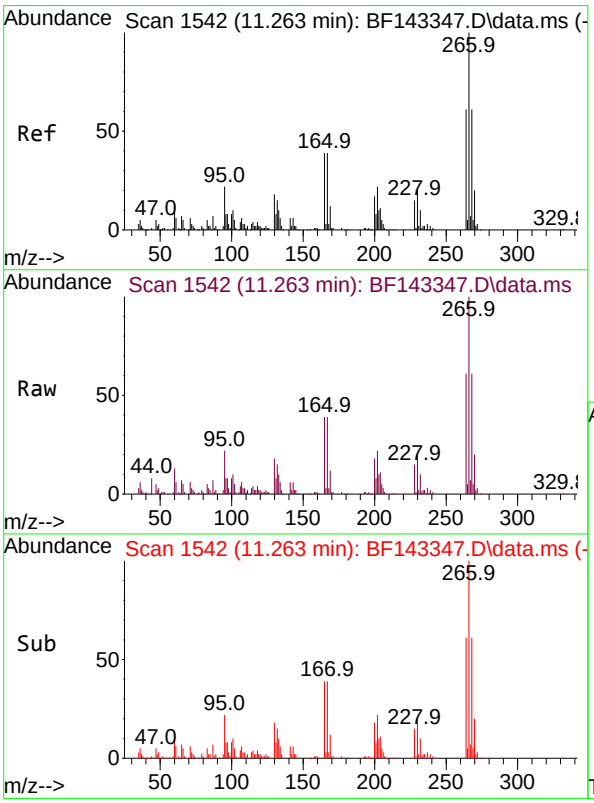
#69
Atrazine
Concen: 41.534 ng
RT: 11.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 184584

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	50.6	30.6	70.6

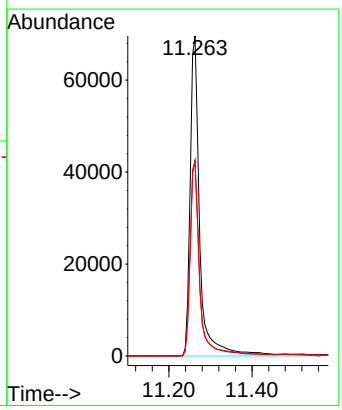


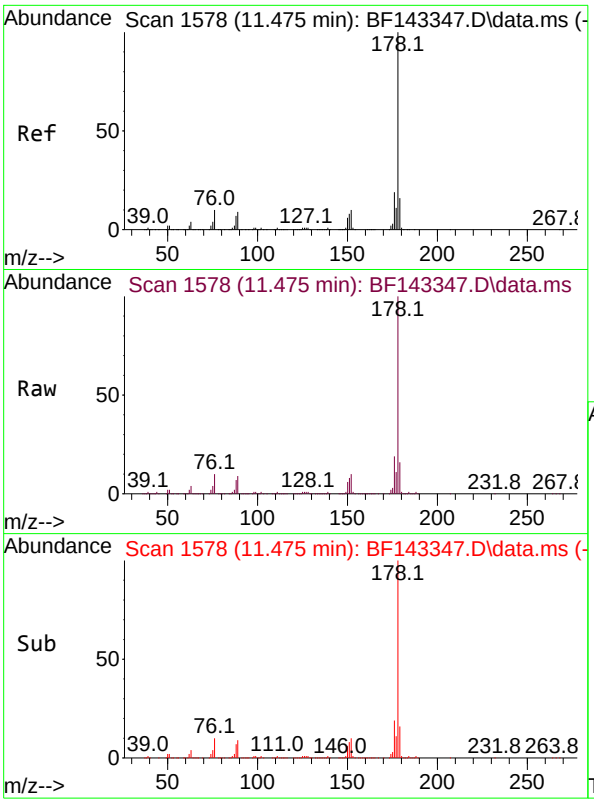


#70
Pentachlorophenol
Concen: 39.119 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:266 Resp: 111946

Ion	Ratio	Lower	Upper
266	100		
268	61.0	48.8	73.2
264	61.0	48.8	73.2



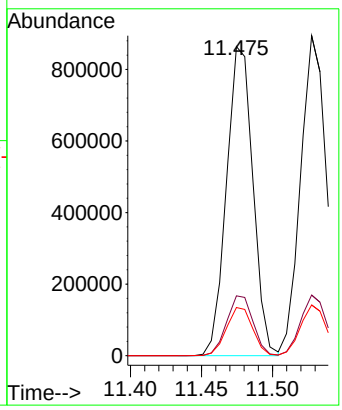


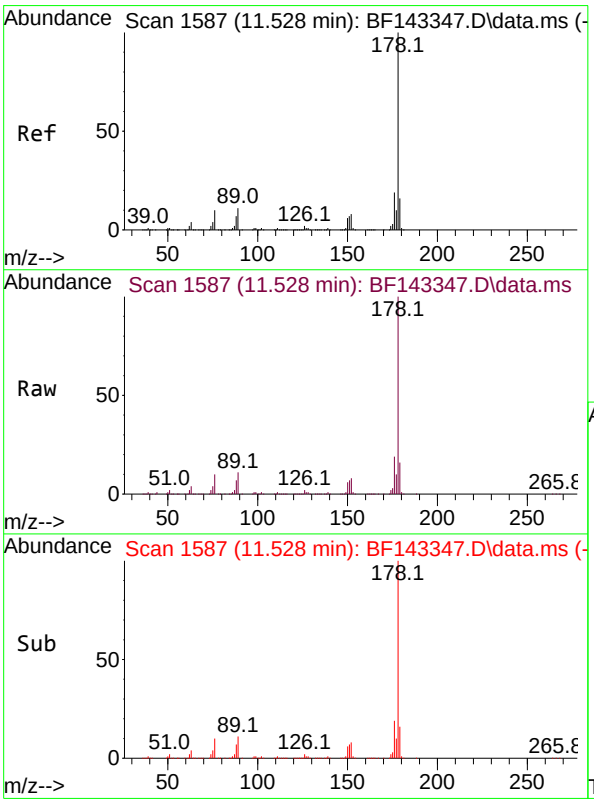
#71
Phenanthrene
Concen: 39.627 ng
RT: 11.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 1118795

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.5	18.7

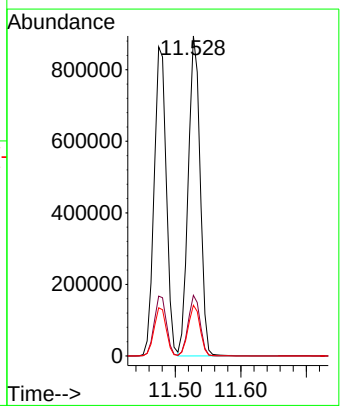


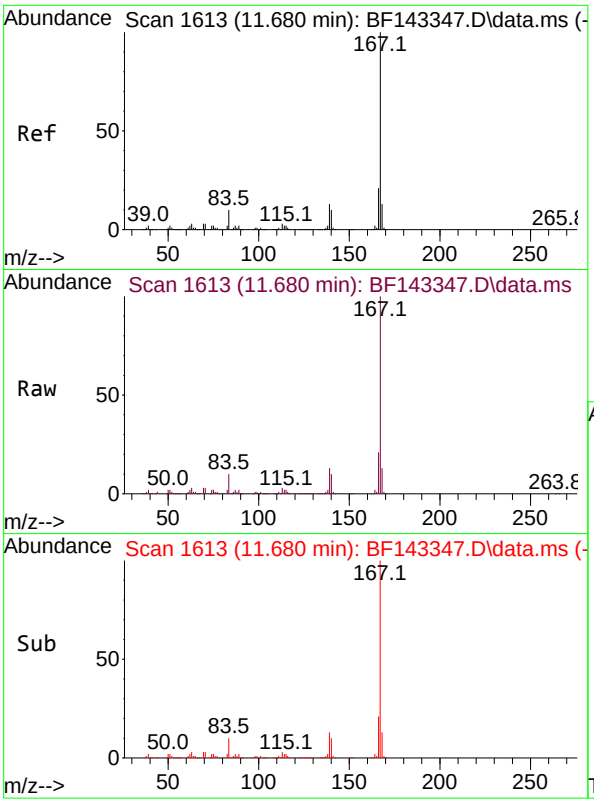


#72
Anthracene
Concen: 39.327 ng
RT: 11.528 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:178 Resp: 1126030

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.9	12.7	19.1



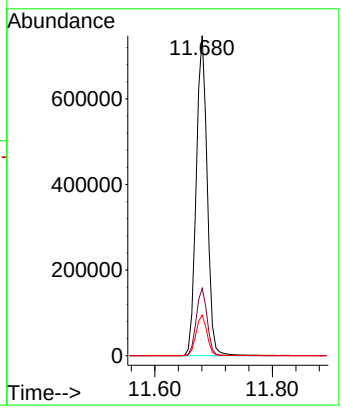


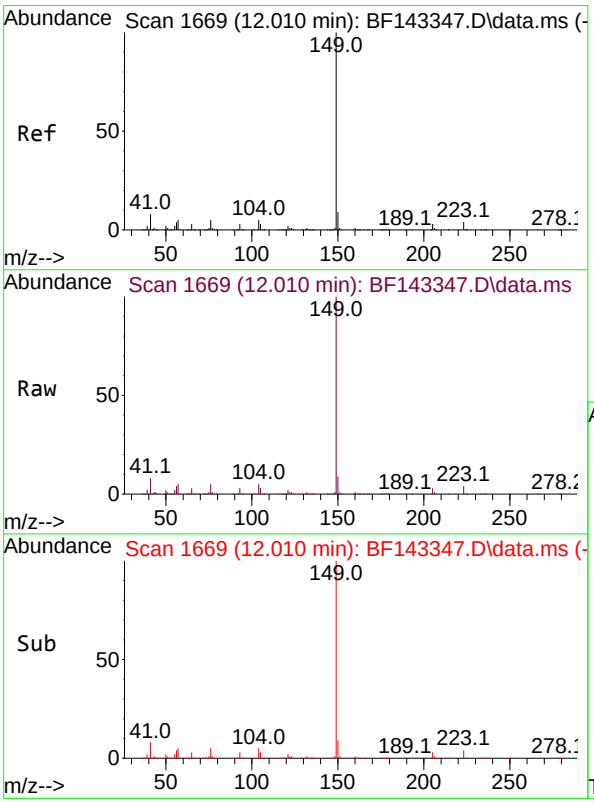
#73
Carbazole
Concen: 39.637 ng
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 966534

Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.8	25.2
139	12.7	10.2	15.2

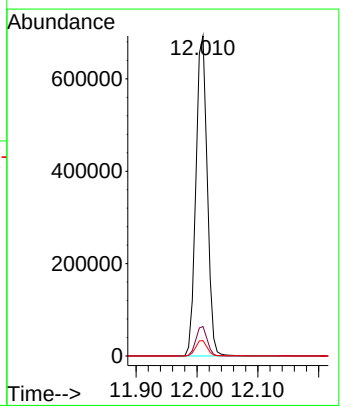


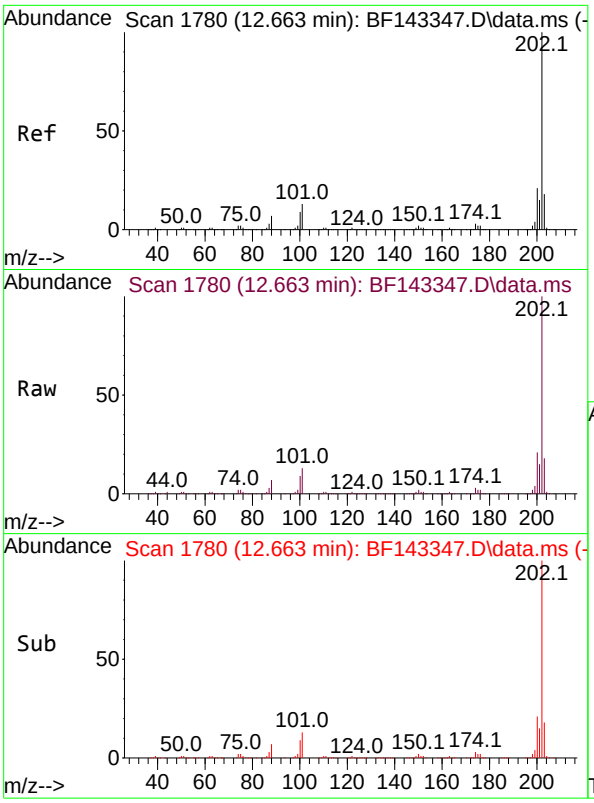


#74
Di-n-butylphthalate
Concen: 43.346 ng
RT: 12.010 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:149 Resp: 894432

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.8	3.8	5.8



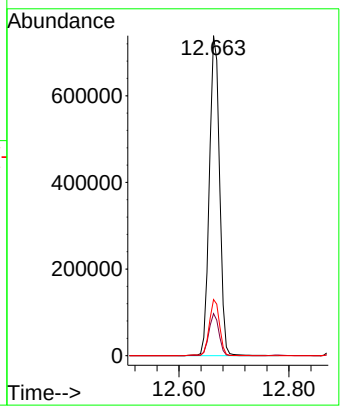


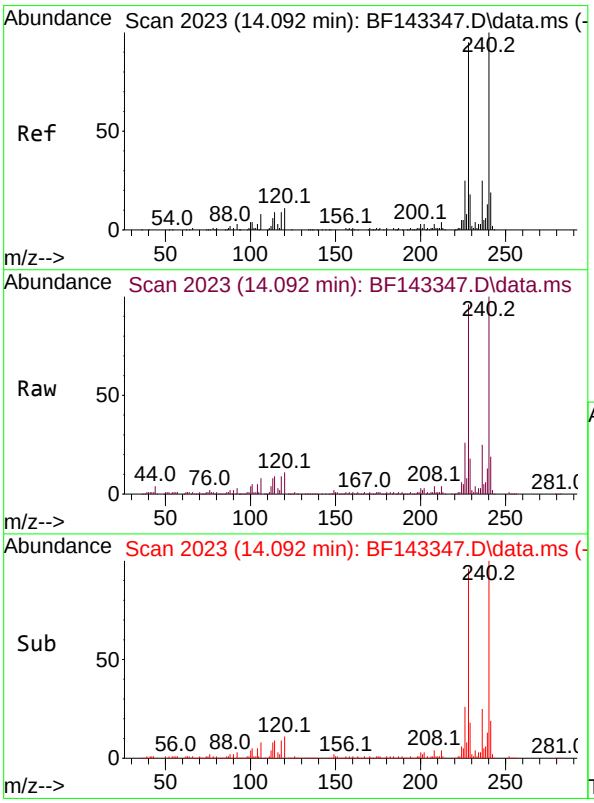
#75
Fluoranthene
Concen: 38.386 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 949305

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.6	0.0	37.6

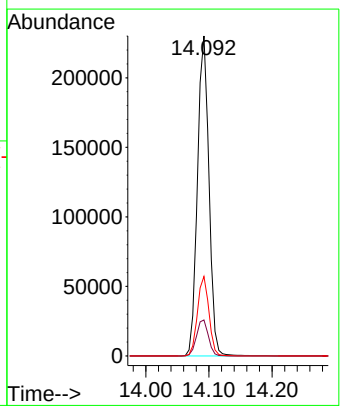


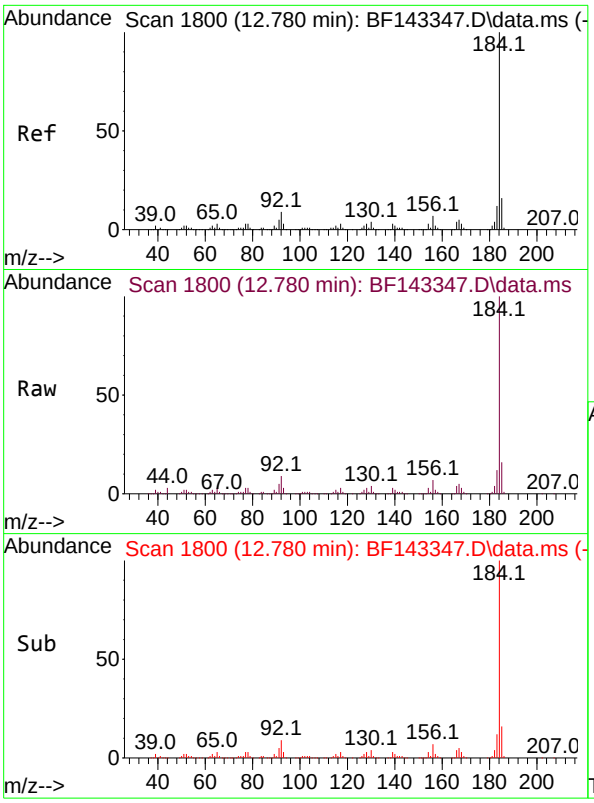


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:240 Resp: 290137

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.6
236	24.9	19.9	29.9



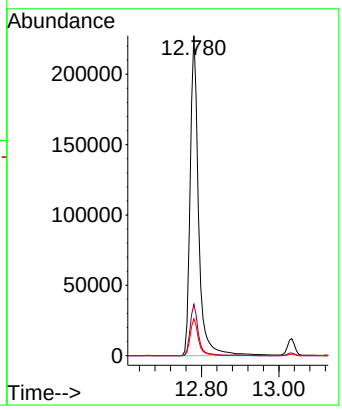


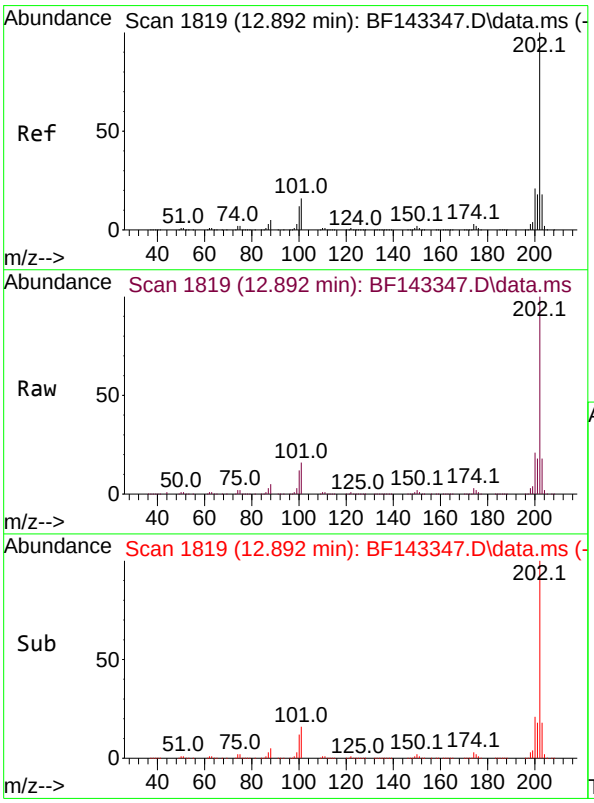
#77
Benzidine
Concen: 43.261 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 343155

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.8	19.2
183	11.6	9.3	13.9

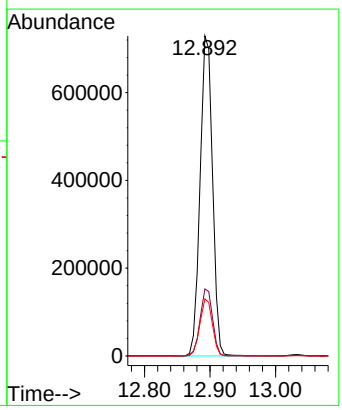


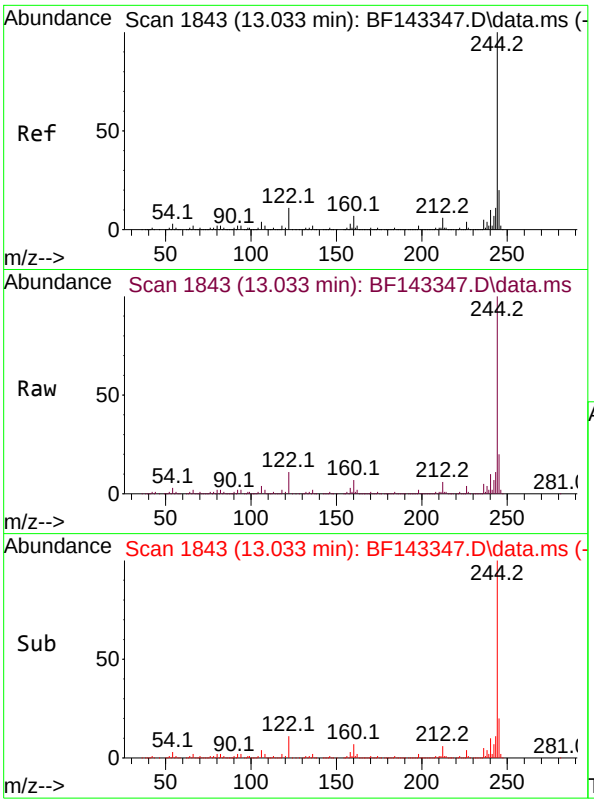


#78
Pyrene
Concen: 39.593 ng
RT: 12.892 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:202 Resp: 963681

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.8	14.2	21.4



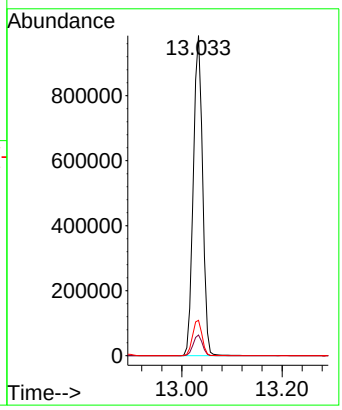


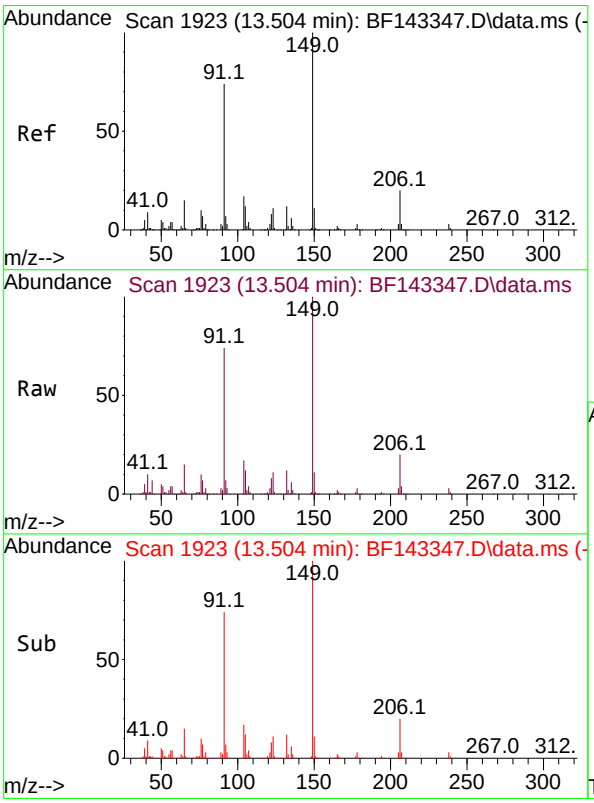
#79
Terphenyl-d14
Concen: 77.745 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 1263446

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.1	7.7
122	11.1	8.9	13.3

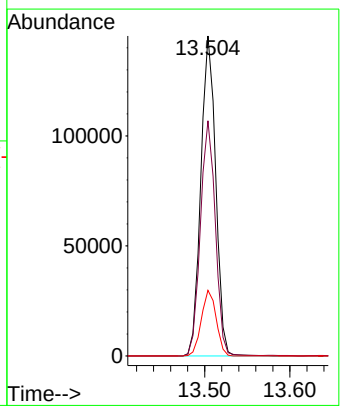


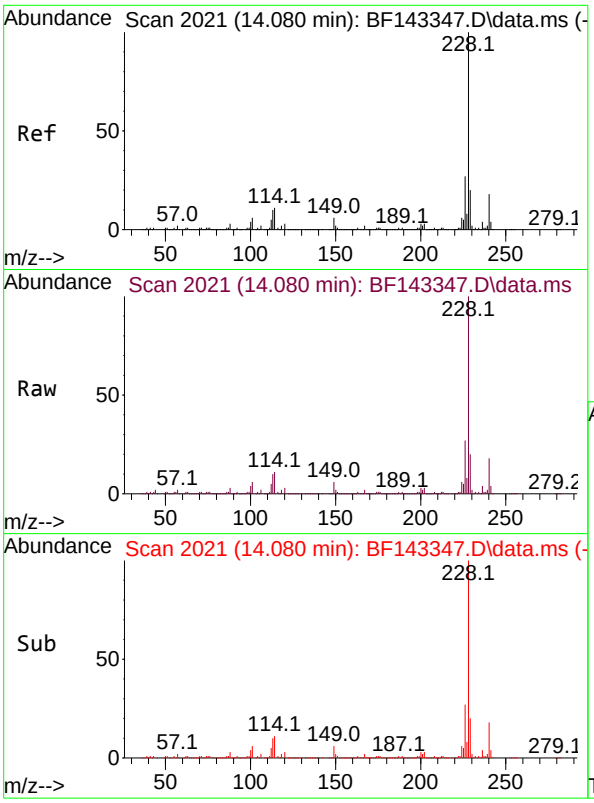


#80
Butylbenzylphthalate
Concen: 37.368 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:149 Resp: 175897

Ion	Ratio	Lower	Upper
149	100		
91	73.5	58.8	88.2
206	20.5	16.4	24.6



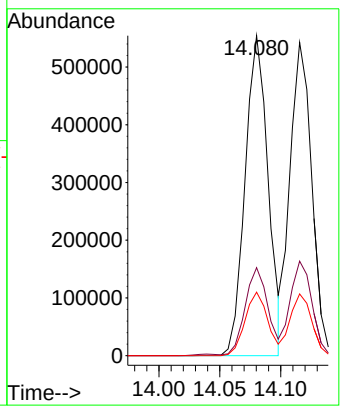


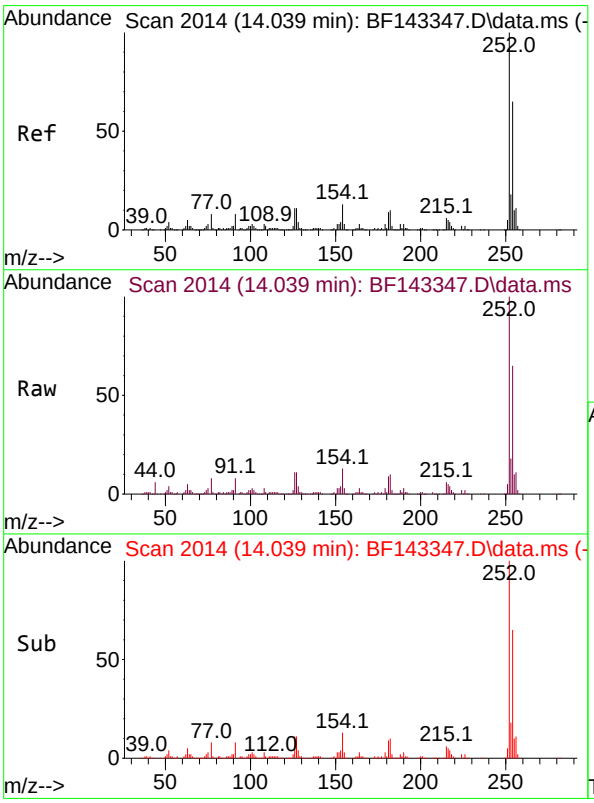
#81
Benzo(a)anthracene
Concen: 39.595 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 730158

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	19.8	15.8	23.8

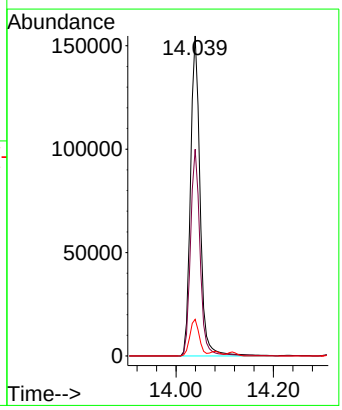


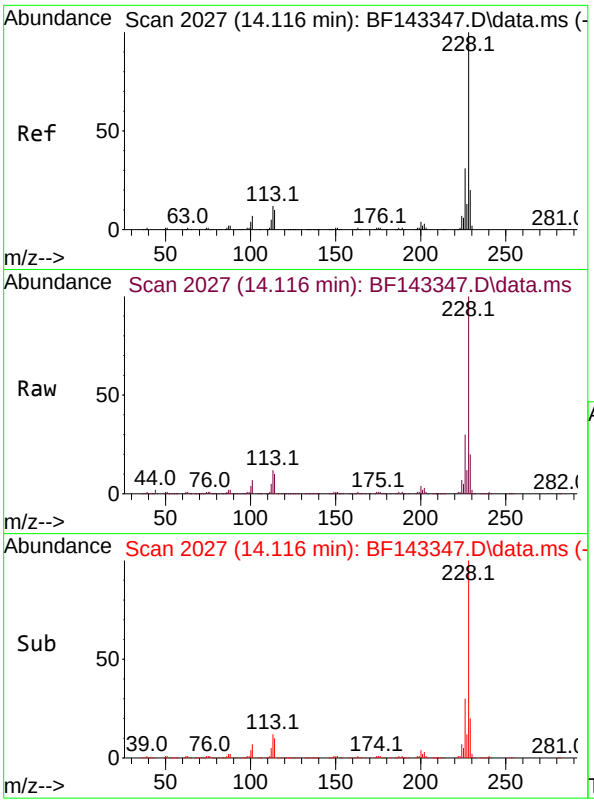


#82
3,3'-Dichlorobenzidine
Concen: 42.421 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:252 Resp: 211236

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.5	9.2	13.8



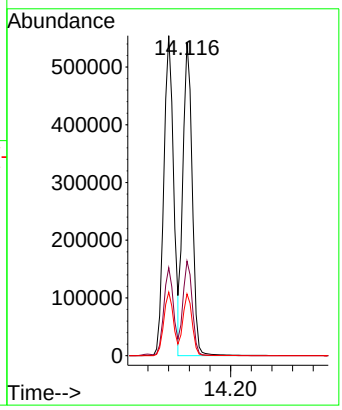


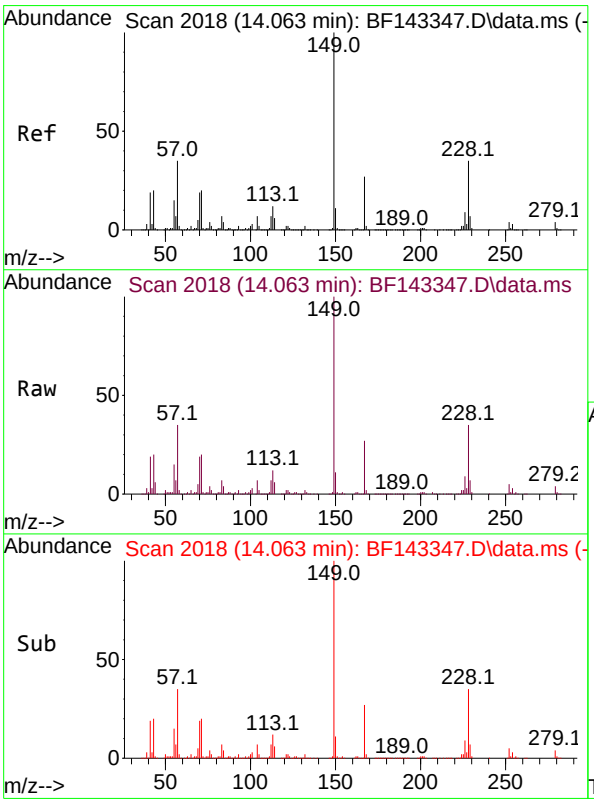
#83
Chrysene
Concen: 39.653 ng
RT: 14.116 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 681835

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.7	15.8	23.6

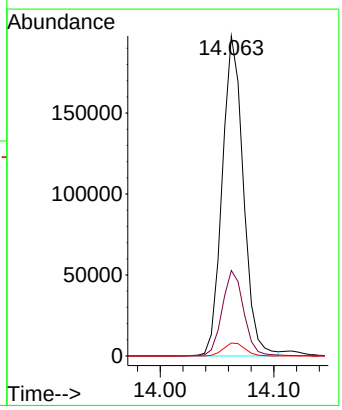


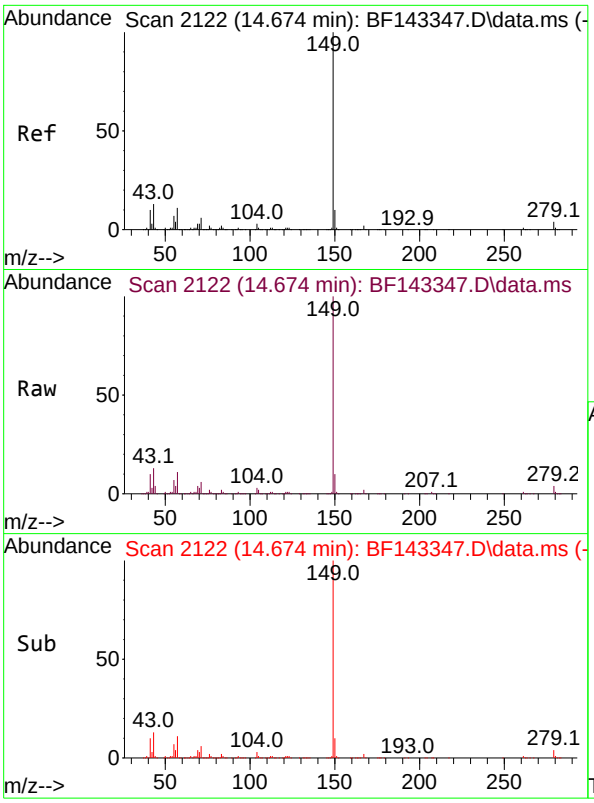


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.186 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:149 Resp: 256146

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	4.0	3.2	4.8



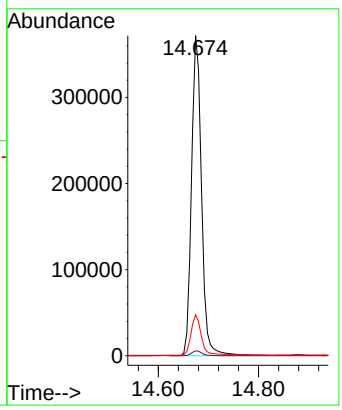


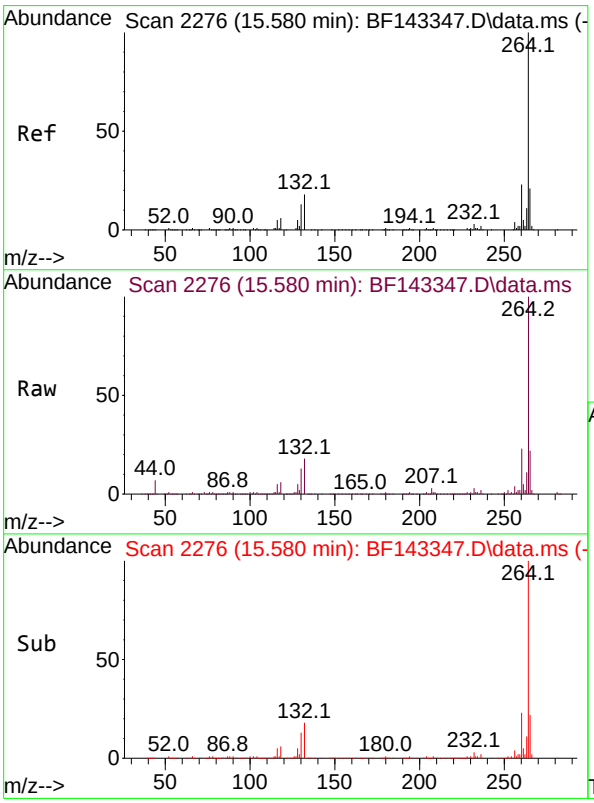
#85
Di-n-octyl phthalate
Concen: 38.008 ng
RT: 14.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 515170

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.5	10.8	16.2

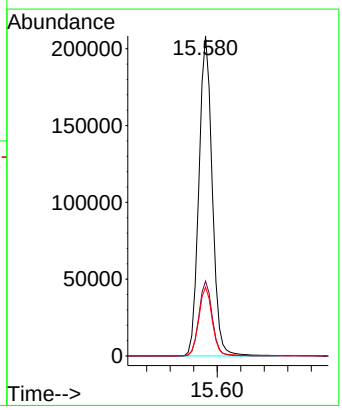


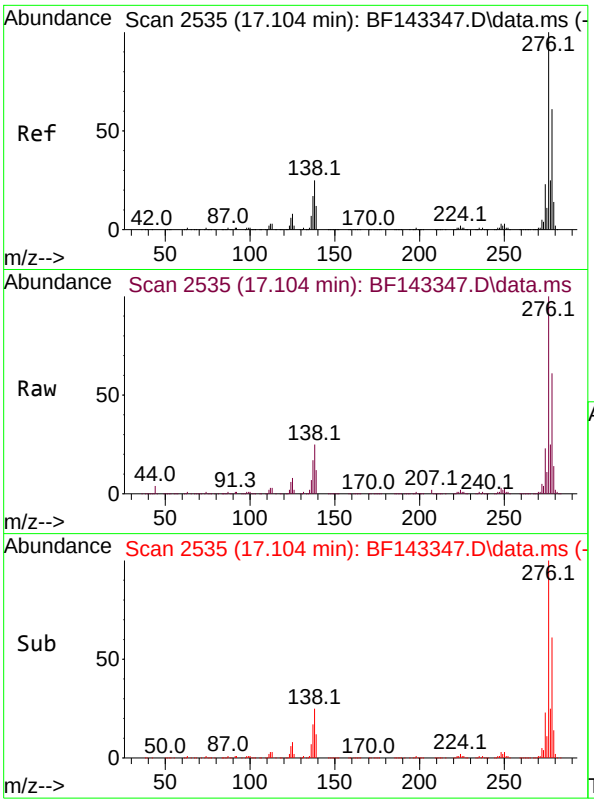


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:264 Resp: 328158

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.5	17.2	25.8



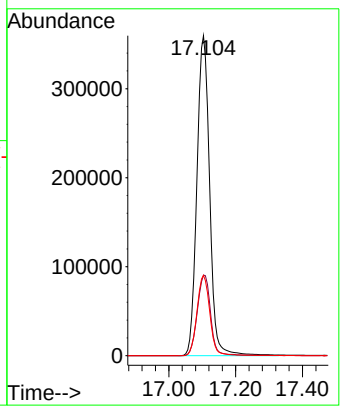


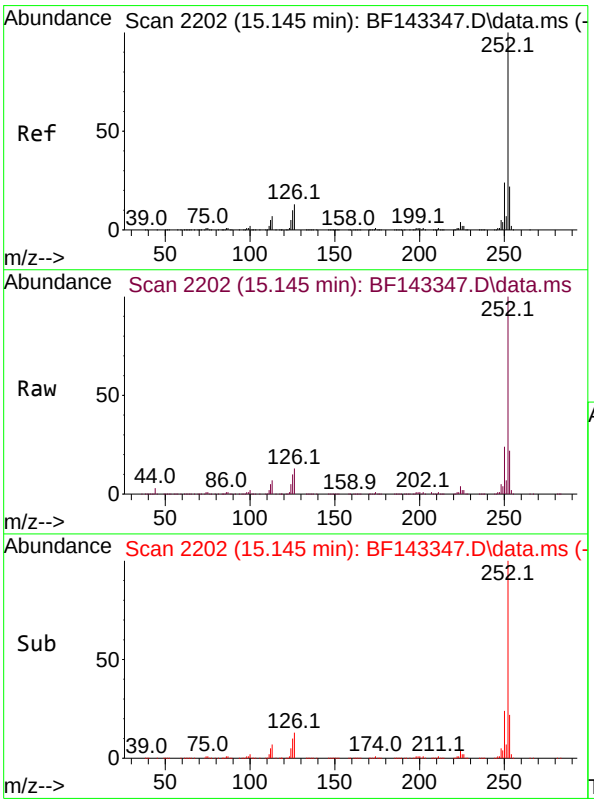
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.445 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 950872

Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.1	31.7
277	25.2	20.2	30.2

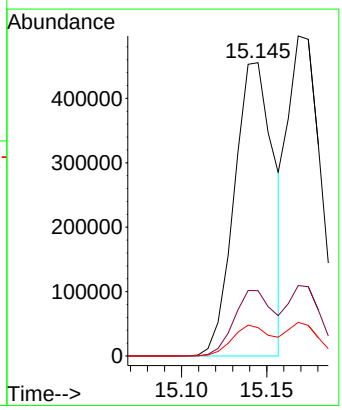


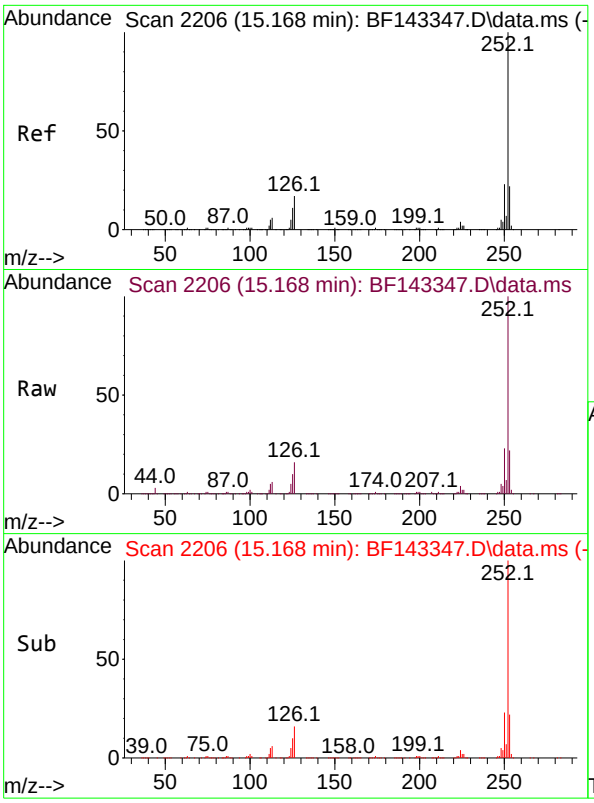


#88
Benzo(b)fluoranthene
Concen: 40.879 ng
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:252 Resp: 733725

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.7	7.8	11.6



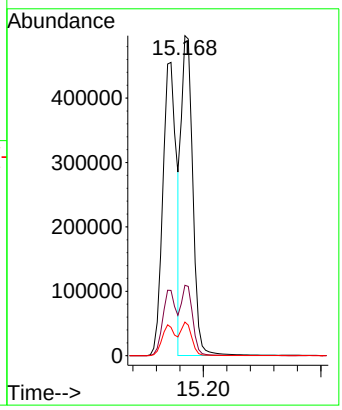


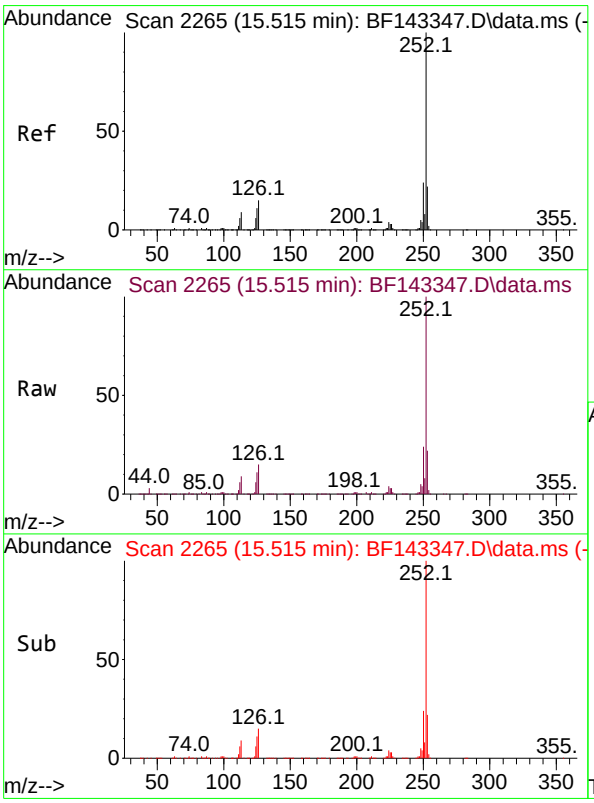
#89
Benzo(k)fluoranthene
Concen: 38.970 ng
RT: 15.168 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 679660

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.5	8.4	12.6

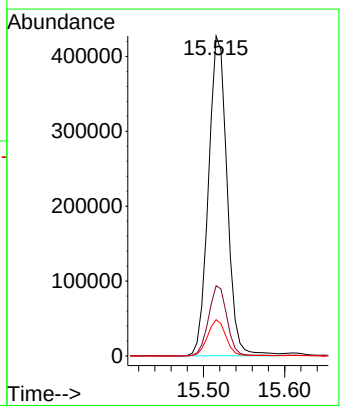


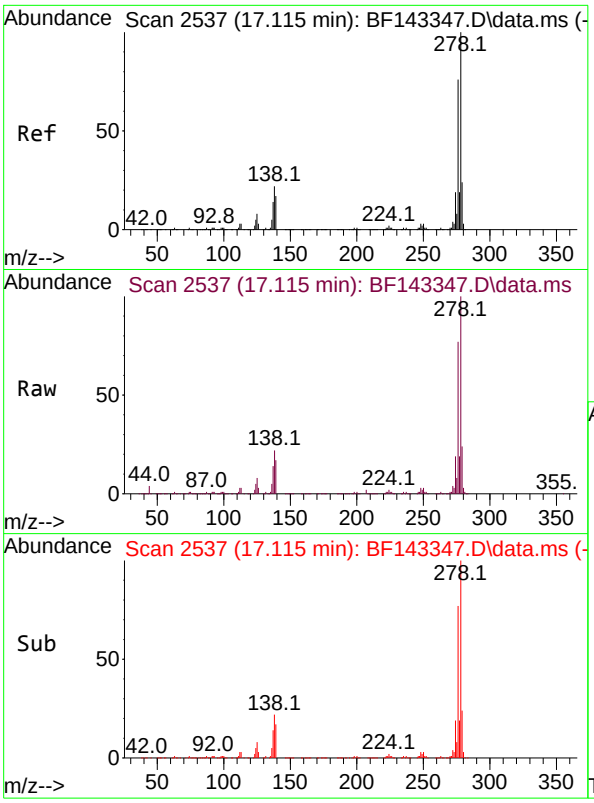


#90
Benzo(a)pyrene
Concen: 40.124 ng
RT: 15.515 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:252 Resp: 678288

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.4	9.1	13.7



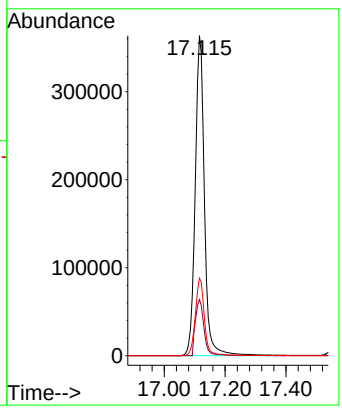


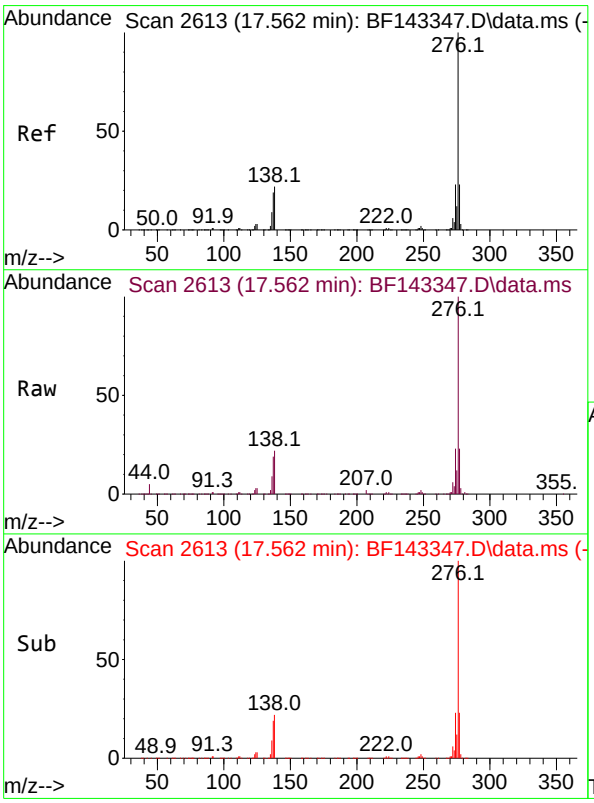
#91
Dibenzo(a,h)anthracene
Concen: 40.870 ng
RT: 17.115 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 767630

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.0	21.0
279	24.2	19.4	29.0

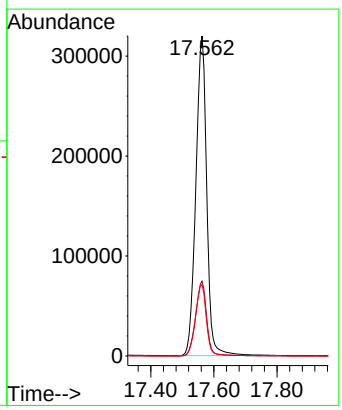




#92
Benzo(g,h,i)perylene
Concen: 40.549 ng
RT: 17.562 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:276 Resp: 767224

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	22.3	17.8	26.8



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143348.D
Acq On : 12 Aug 2025 11:37
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 12 13:19:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	164745	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	635446	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	333763	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	492512	20.000	ng	0.00
76) Chrysene-d12	14.092	240	286106	20.000	ng	0.00
86) Perylene-d12	15.580	264	342458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	941847	98.862	ng	0.00
7) Phenol-d6	6.563	99	1192312	97.594	ng	0.00
23) Nitrobenzene-d5	7.493	82	1041552	102.072	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	266796	109.378	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1769302	89.893	ng	0.00
79) Terphenyl-d14	13.033	244	1395642	87.090	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	243901	49.475	ng	100
3) Pyridine	3.534	79	668266	50.870	ng	99
4) n-Nitrosodimethylamine	3.475	42	313754	51.272	ng	99
6) Aniline	6.593	93	835697	48.521	ng	97
8) 2-Chlorophenol	6.722	128	510568	50.155	ng	97
9) Benzaldehyde	6.481	77	360210	44.609	ng	99
10) Phenol	6.581	94	708845	48.977	ng	86
11) bis(2-Chloroethyl)ether	6.663	93	515652	48.342	ng	99
12) 1,3-Dichlorobenzene	6.875	146	561710	47.838	ng	99
13) 1,4-Dichlorobenzene	6.951	146	564115	47.868	ng	99
14) 1,2-Dichlorobenzene	7.104	146	533226	47.666	ng	99
15) Benzyl Alcohol	7.069	79	439125	50.143	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	911815	47.882	ng	97
17) 2-Methylphenol	7.181	107	426865	49.676	ng	99
18) Hexachloroethane	7.445	117	185051	50.086	ng	99
19) n-Nitroso-di-n-propyla...	7.340	70	355609	47.107	ng	99
20) 3+4-Methylphenols	7.334	107	505153	48.609	ng	95
22) Acetophenone	7.340	105	642443	45.886	ng	97
24) Nitrobenzene	7.510	77	558404	50.388	ng	99
25) Isophorone	7.751	82	995651	47.796	ng	99
26) 2-Nitrophenol	7.828	139	213083	47.982	ng	99
27) 2,4-Dimethylphenol	7.863	122	436419	50.217	ng	99
28) bis(2-Chloroethoxy)met...	7.957	93	608760	47.865	ng	100
29) 2,4-Dichlorophenol	8.069	162	428530	50.485	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	427946	47.795	ng	99
31) Naphthalene	8.234	128	1431280	46.809	ng	100
32) Benzoic acid	7.981	122	191072	49.943	ng	95
33) 4-Chloroaniline	8.281	127	531257	48.171	ng	100
34) Hexachlorobutadiene	8.357	225	264501	47.488	ng	100
35) Caprolactam	8.651	113	123969	51.952	ng	96
36) 4-Chloro-3-methylphenol	8.763	107	442622	49.741	ng	98
37) 2-Methylnaphthalene	8.928	142	938982	46.712	ng	99
38) 1-Methylnaphthalene	9.028	142	902313	46.606	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	437268	47.877	ng	99
41) Hexachlorocyclopentadiene	9.081	237	143487	47.474	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	273471	52.773	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143348.D
Acq On : 12 Aug 2025 11:37
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 12 13:19:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	303993	51.948	ng	99
46) 1,1'-Biphenyl	9.387	154	1098727	46.558	ng	99
47) 2-Chloronaphthalene	9.416	162	872497	46.944	ng	100
48) 2-Nitroaniline	9.504	65	267630	49.816	ng	99
49) Acenaphthylene	9.828	152	1272878	47.424	ng	100
50) Dimethylphthalate	9.681	163	954560	48.946	ng	100
51) 2,6-Dinitrotoluene	9.745	165	182648	49.400	ng	99
52) Acenaphthene	10.004	154	844612	47.334	ng	100
53) 3-Nitroaniline	9.916	138	220926	55.316	ng	99
54) 2,4-Dinitrophenol	10.022	184	61169	49.460	ng	91
55) Dibenzofuran	10.175	168	1199947	46.725	ng	100
56) 4-Nitrophenol	10.075	139	150114	49.286	ng	99
57) 2,4-Dinitrotoluene	10.145	165	246635	50.215	ng	99
58) Fluorene	10.516	166	910380	46.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	215158	54.543	ng	100
60) Diethylphthalate	10.381	149	865395	49.540	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	444383	46.885	ng	99
62) 4-Nitroaniline	10.528	138	207188	53.618	ng	99
63) Azobenzene	10.663	77	957306	47.978	ng	100
65) 4,6-Dinitro-2-methylph...	10.563	198	95307	47.856	ng	94
66) n-Nitrosodiphenylamine	10.622	169	787342	48.549	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	279724	49.660	ng	96
68) Hexachlorobenzene	11.069	284	291915	48.079	ng	99
69) Atrazine	11.145	200	221025	52.254	ng	98
70) Pentachlorophenol	11.263	266	139359	49.342	ng	98
71) Phenanthrene	11.480	178	1258386	46.830	ng	100
72) Anthracene	11.528	178	1284165	47.123	ng	100
73) Carbazole	11.680	167	1082772	46.654	ng	99
74) Di-n-butylphthalate	12.010	149	1008389	51.345	ng	99
75) Fluoranthene	12.663	202	1074315	45.641	ng	99
77) Benzidine	12.780	184	392548	50.186	ng	99
78) Pyrene	12.898	202	1081940	45.078	ng	99
80) Butylbenzylphthalate	13.504	149	229034	48.268	ng	99
81) Benzo(a)anthracene	14.080	228	878814	48.327	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	267204	54.417	ng	100
83) Chrysene	14.116	228	831682	49.049	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	341876	48.921	ng	98
85) Di-n-octyl phthalate	14.674	149	675816	48.572	ng	99
87) Indeno(1,2,3-cd)pyrene	17.110	276	1191556	48.566	ng	100
88) Benzo(b)fluoranthene	15.145	252	895570	47.812	ng	100
89) Benzo(k)fluoranthene	15.174	252	901937	49.555	ng	99
90) Benzo(a)pyrene	15.521	252	866161	49.098	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	957602	48.855	ng	99
92) Benzo(g,h,i)perylene	17.568	276	962236	48.732	ng	100

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

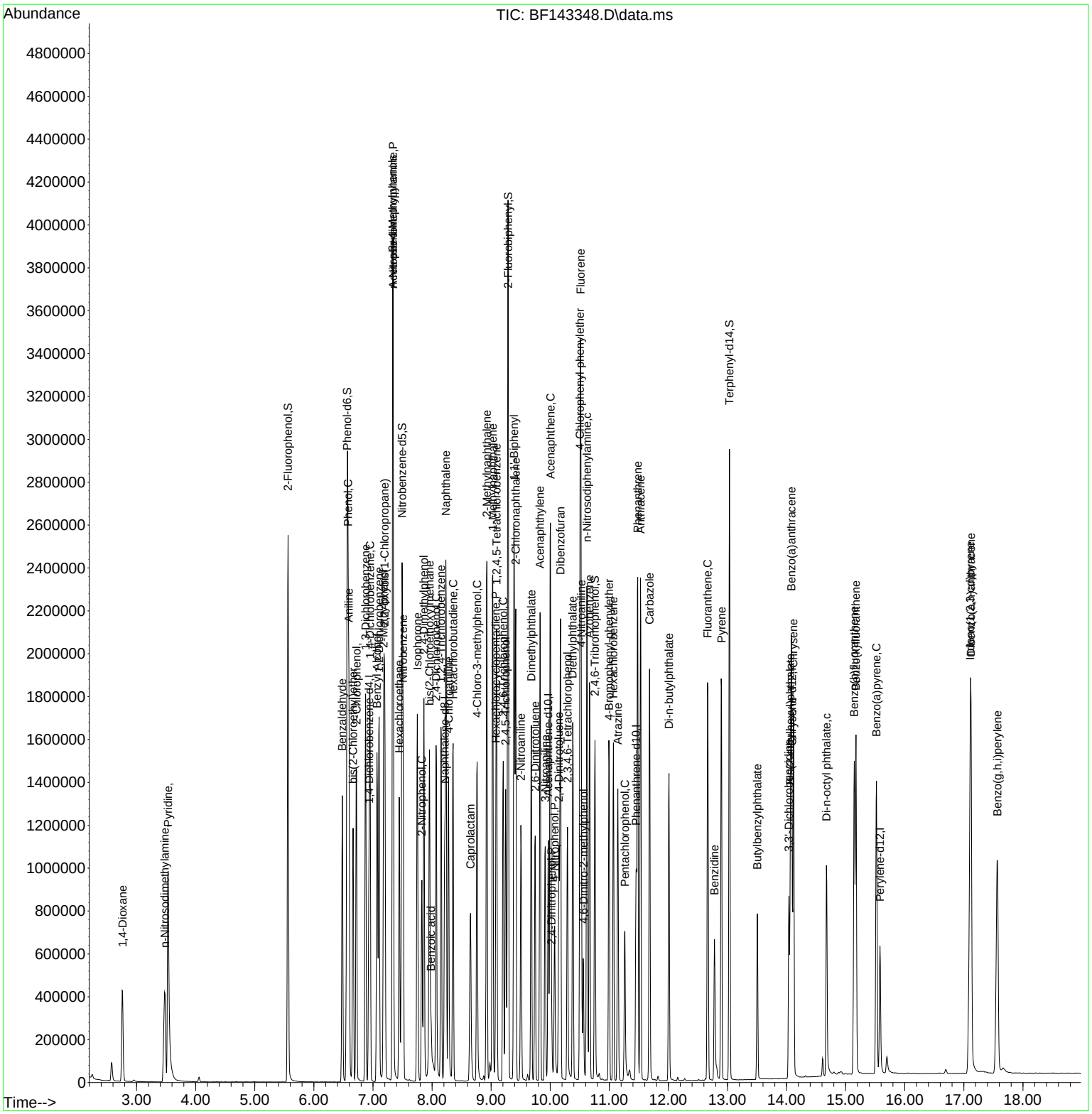
Quantitation Report (QT Reviewed)

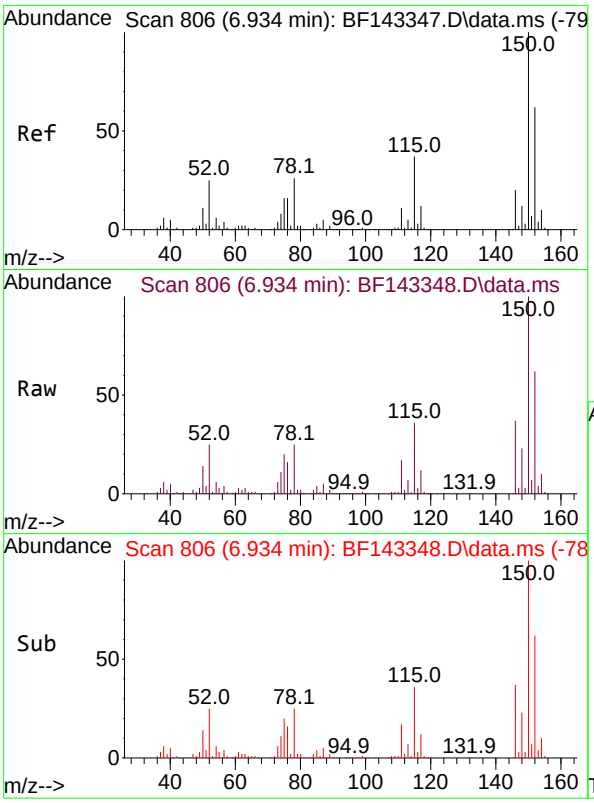
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143348.D
Acq On : 12 Aug 2025 11:37
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 12 13:19:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration



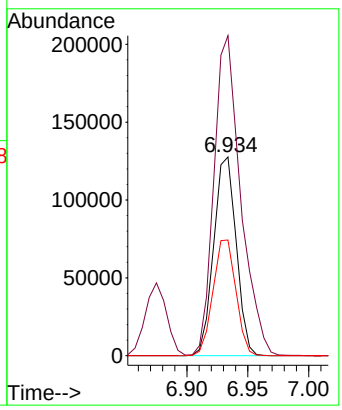


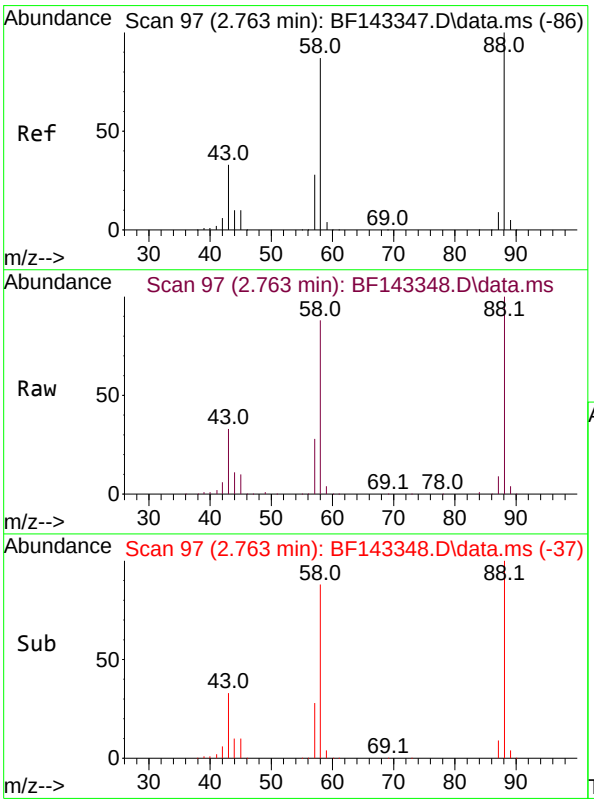
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 164745

Ion	Ratio	Lower	Upper
152	100		
150	161.0	129.8	194.8
115	58.2	47.8	71.8

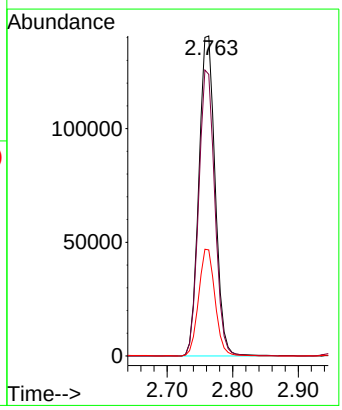


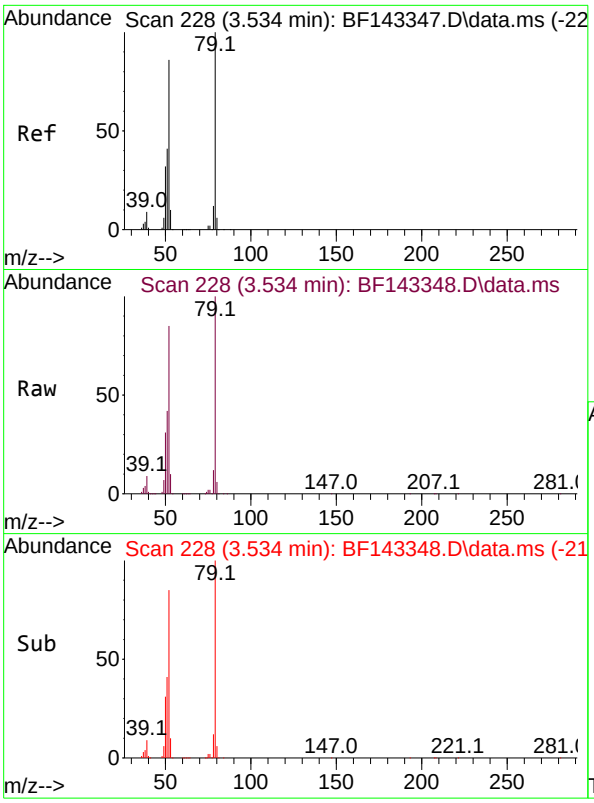


#2
1,4-Dioxane
Concen: 49.475 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 88 Resp: 243901

Ion	Ratio	Lower	Upper
88	100		
58	88.3	71.0	106.6
43	33.6	27.0	40.6



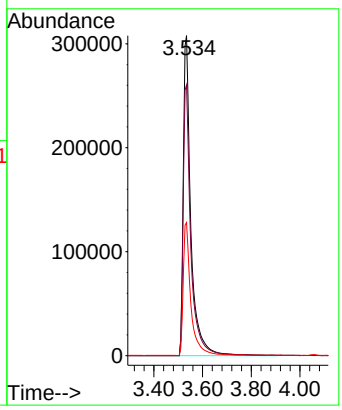


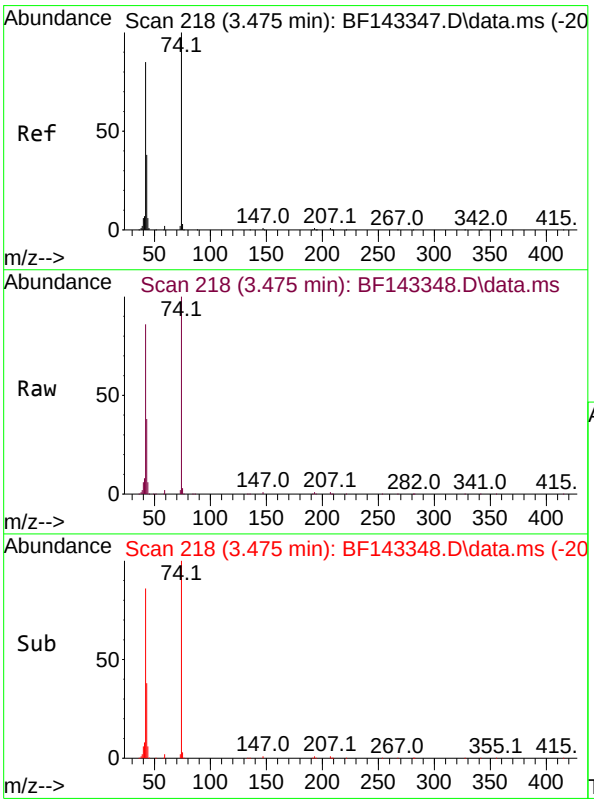
#3
Pyridine
Concen: 50.870 ng
RT: 3.534 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 668266

Ion	Ratio	Lower	Upper
79	100		
52	84.5	68.7	103.1
51	41.6	33.4	50.0

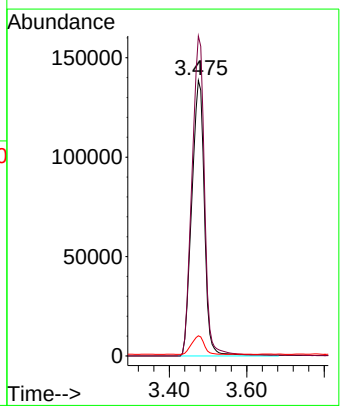


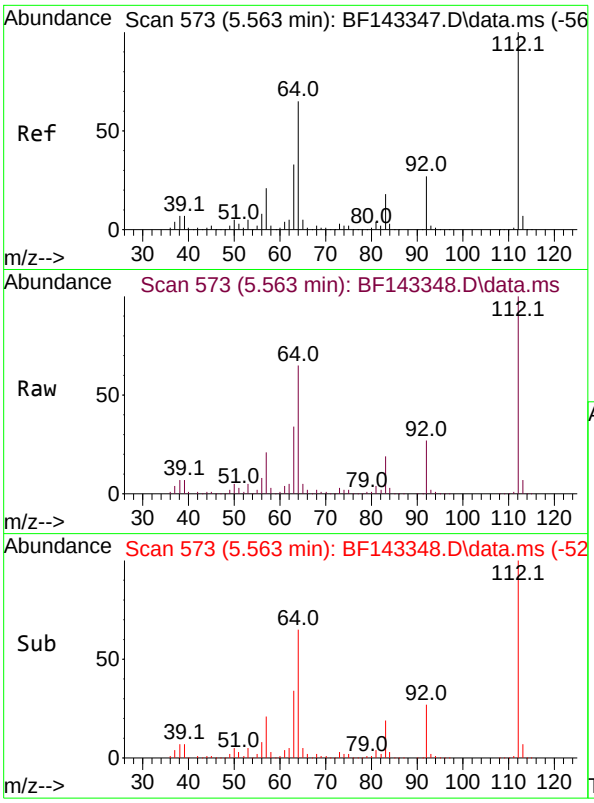


#4
n-Nitrosodimethylamine
Concen: 51.272 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 42 Resp: 313754

Ion	Ratio	Lower	Upper
42	100		
74	116.1	94.1	141.1
44	7.3	6.5	9.7



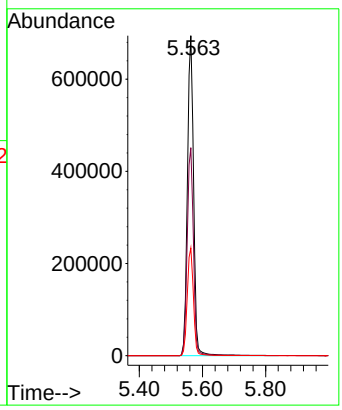


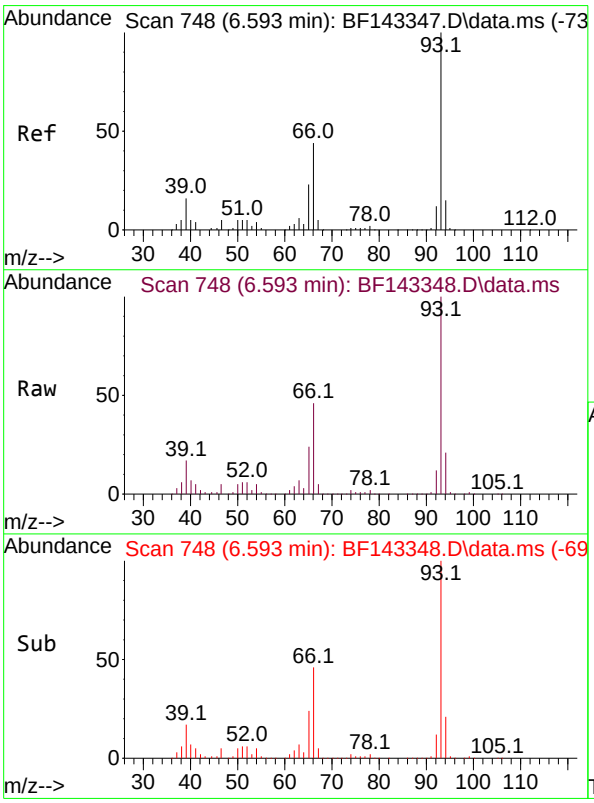
#5
2-Fluorophenol
Concen: 98.862 ng
RT: 5.563 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 941847

Ion	Ratio	Lower	Upper
112	100		
64	65.0	52.1	78.1
63	33.6	26.6	39.8

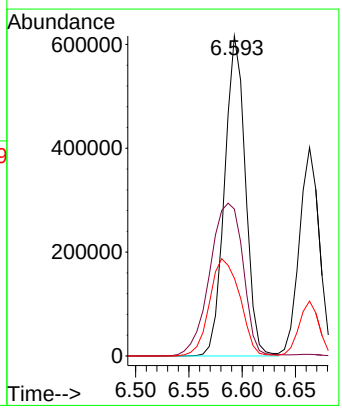


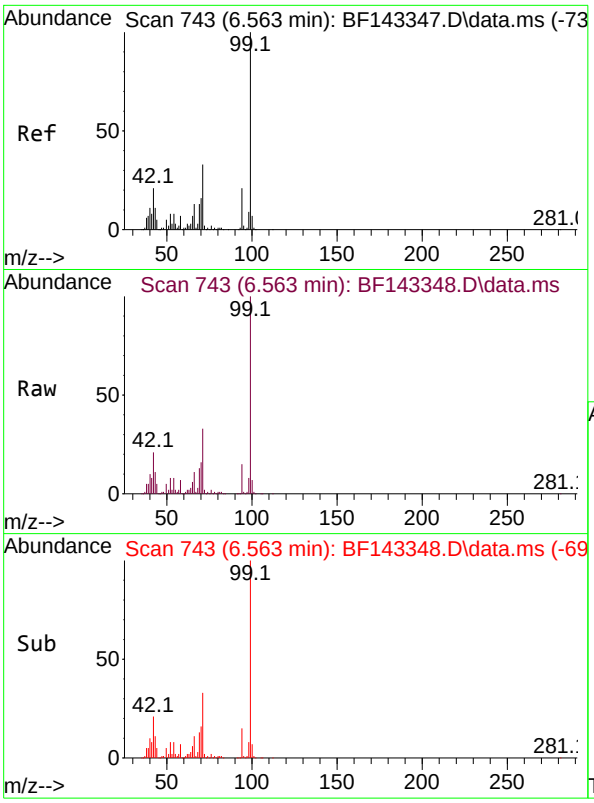


#6
Aniline
Concen: 48.521 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 93 Resp: 835697

Ion	Ratio	Lower	Upper
93	100		
66	45.9	35.3	52.9
65	24.3	18.2	27.4



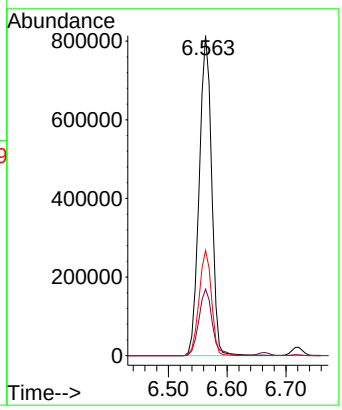


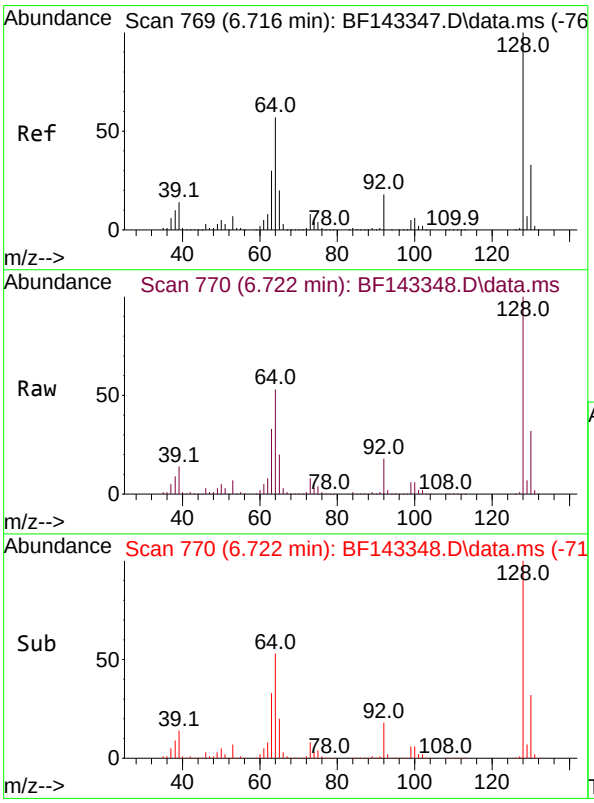
#7
Phenol-d6
Concen: 97.594 ng
RT: 6.563 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1192312

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	25.0
71	32.9	26.2	39.2

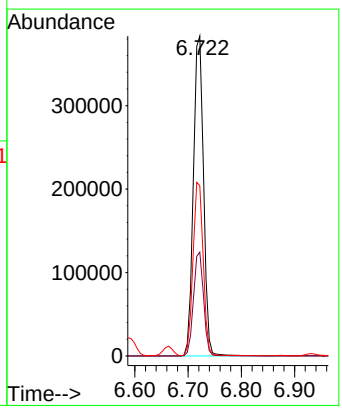


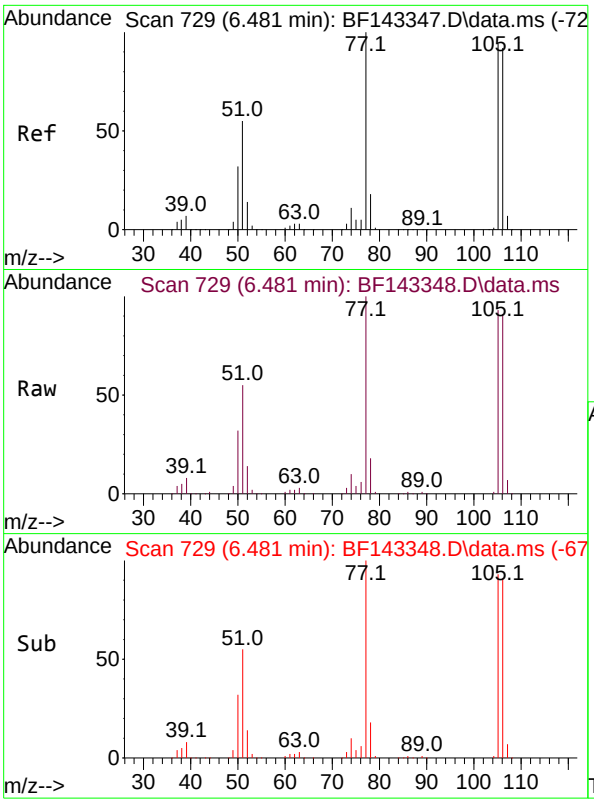


#8
2-Chlorophenol
Concen: 50.155 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:128 Resp: 510568

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	53.2	36.7	76.7



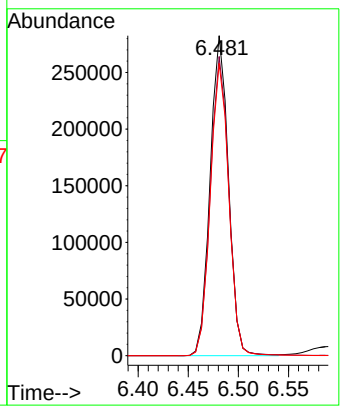


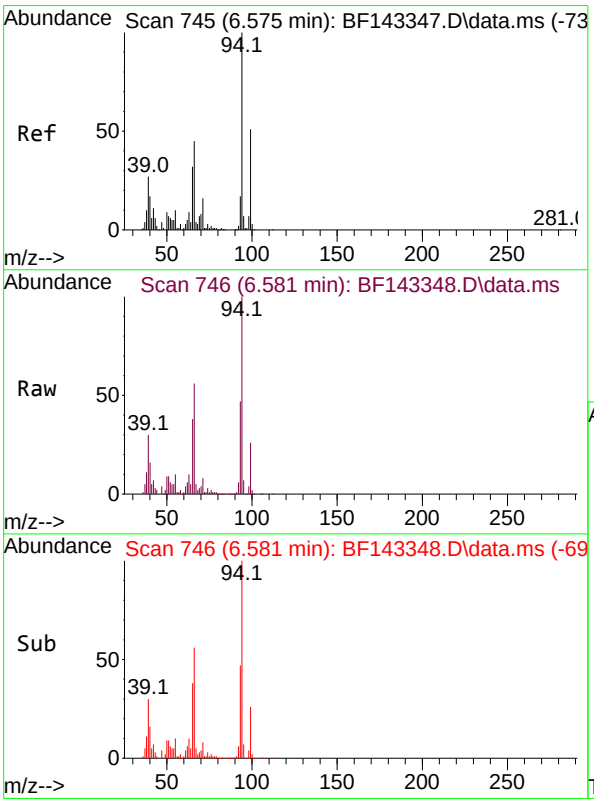
#9
Benzaldehyde
Concen: 44.609 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 360210

Ion	Ratio	Lower	Upper
77	100		
105	93.5	74.2	114.2
106	91.4	72.2	112.2

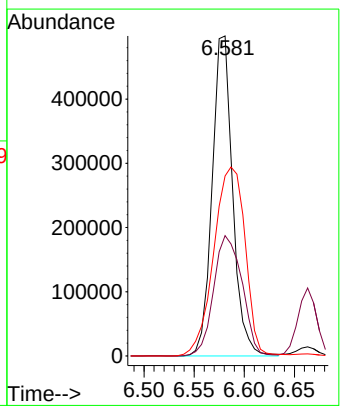


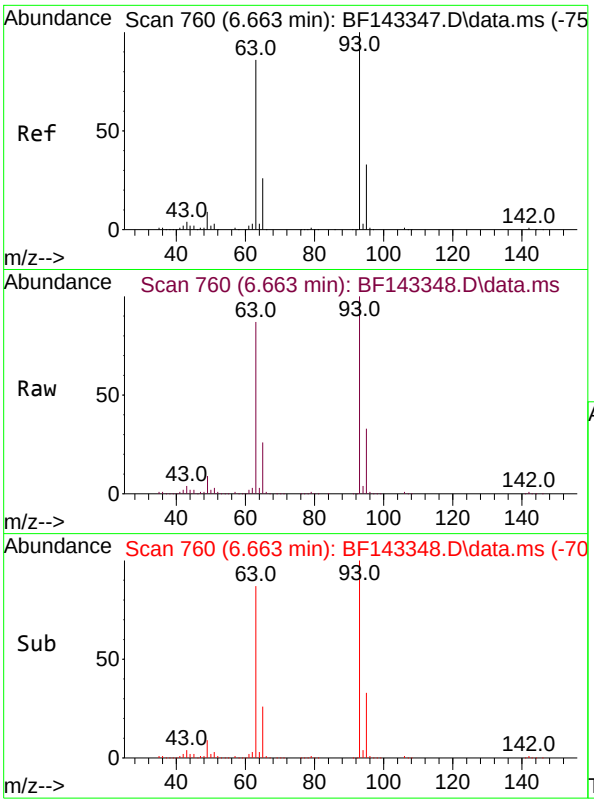


#10
Phenol
Concen: 48.977 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 94 Resp: 708845

Ion	Ratio	Lower	Upper
94	100		
65	37.6	12.0	52.0
66	56.2	25.6	65.6



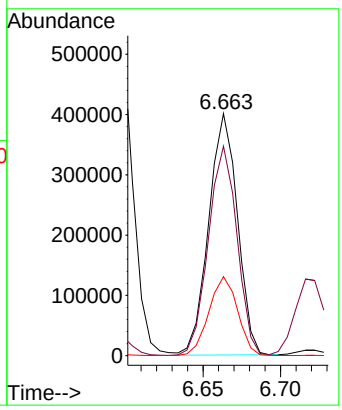


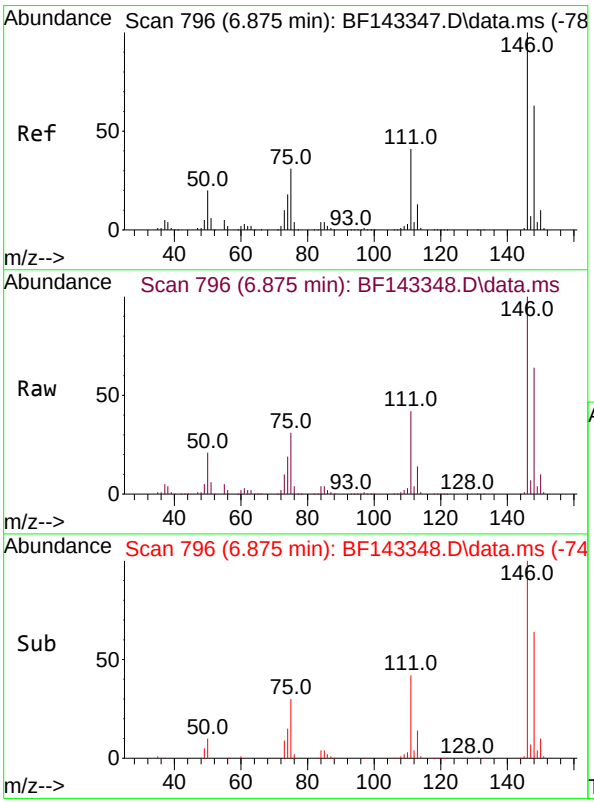
#11
bis(2-Chloroethyl)ether
Concen: 48.342 ng
RT: 6.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 515652

Ion	Ratio	Lower	Upper
93	100		
63	86.5	65.7	105.7
95	32.7	13.0	53.0

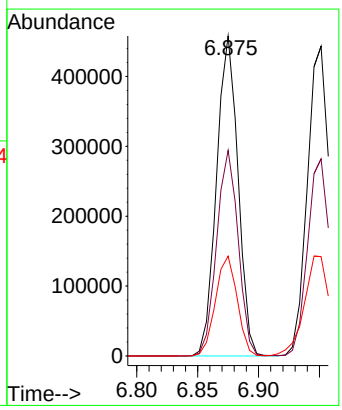


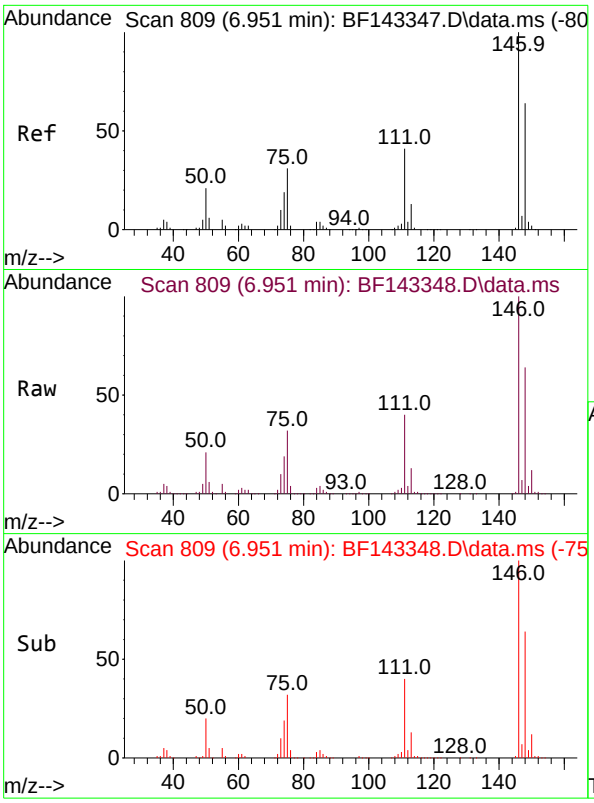


#12
1,3-Dichlorobenzene
Concen: 47.838 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:146 Resp: 561710

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
75	31.2	24.9	37.3



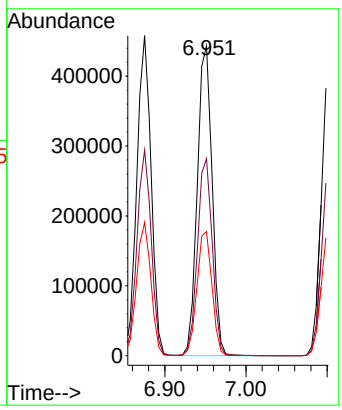


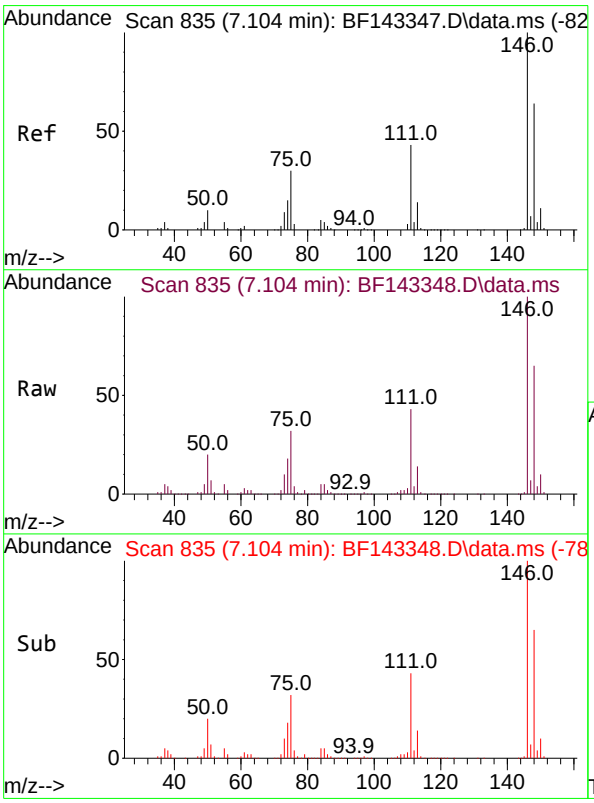
#13
1,4-Dichlorobenzene
Concen: 47.868 ng
RT: 6.951 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 564115

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
111	40.1	32.6	48.8

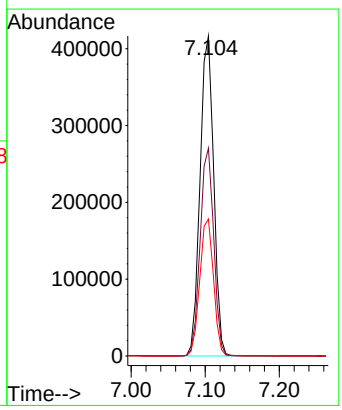


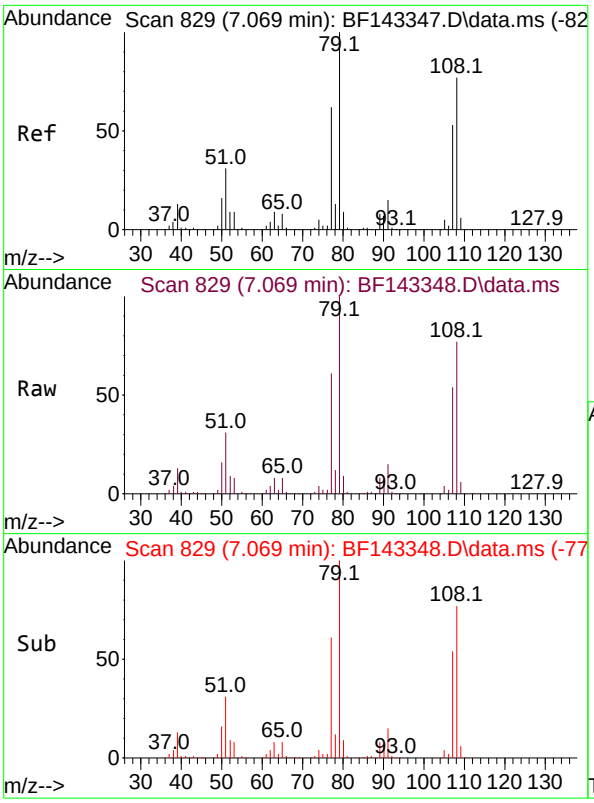


#14
1,2-Dichlorobenzene
Concen: 47.666 ng
RT: 7.104 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:146 Resp: 533226

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
111	42.8	34.1	51.1



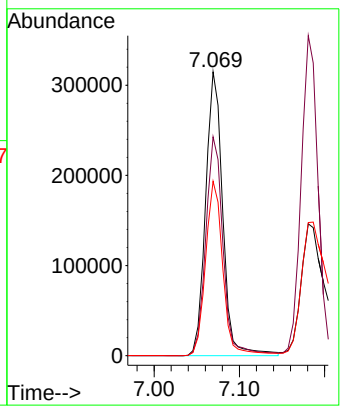


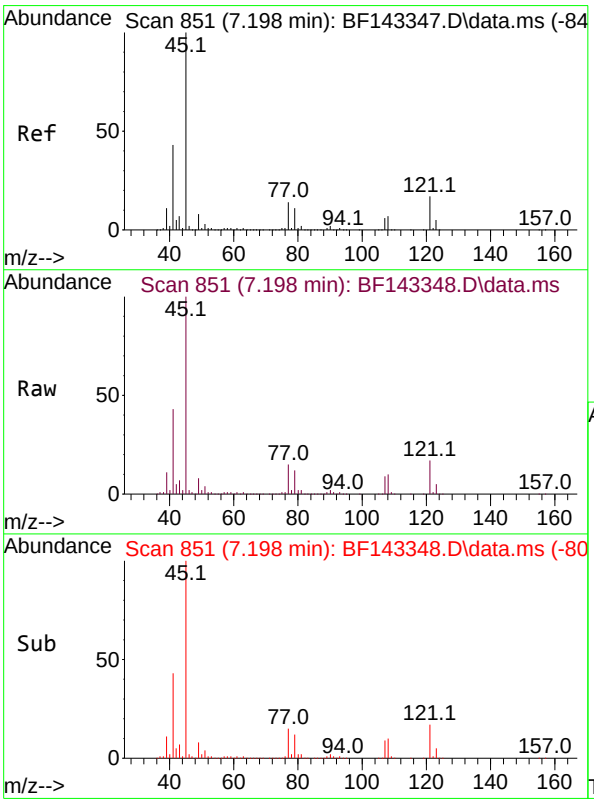
#15
Benzyl Alcohol
Concen: 50.143 ng
RT: 7.069 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 439125

Ion	Ratio	Lower	Upper
79	100		
108	77.1	61.5	92.3
77	61.4	49.8	74.8

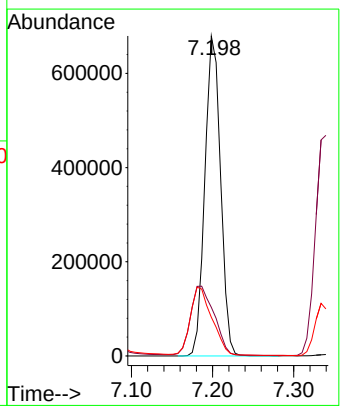


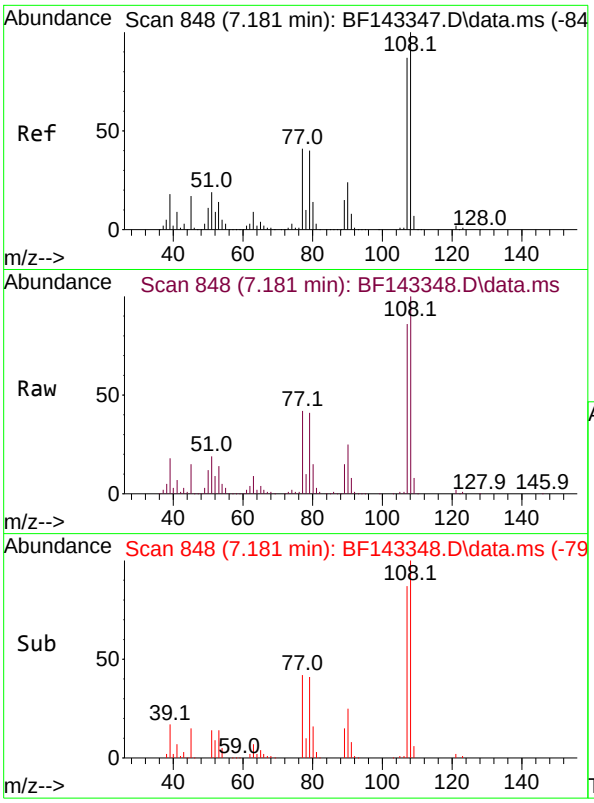


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.882 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 45 Resp: 911815

Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.0
79	12.1	0.0	31.1



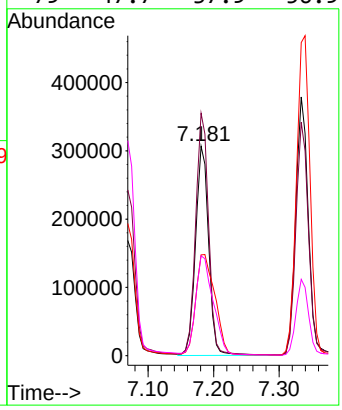


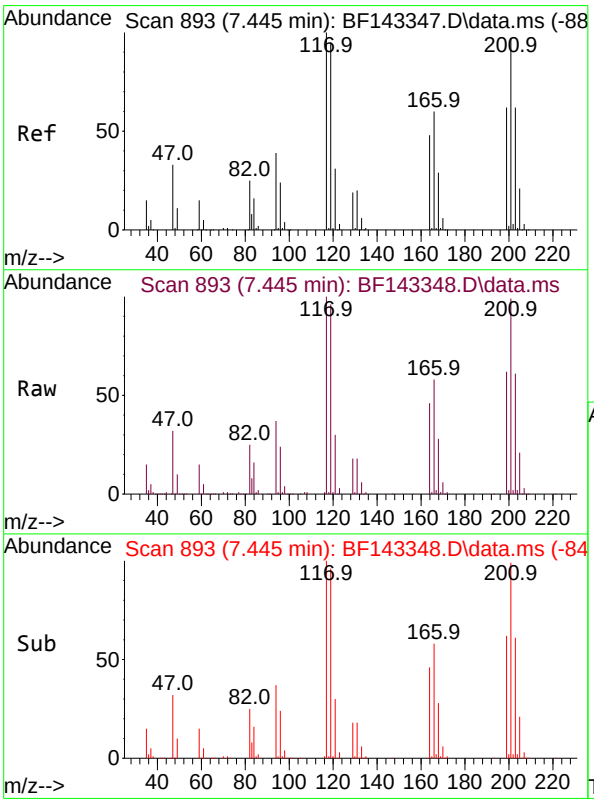
#17
2-Methylphenol
Concen: 49.676 ng
RT: 7.181 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 426865

Ion	Ratio	Lower	Upper
107	100		
108	115.7	92.0	138.0
77	48.1	38.2	57.2
79	47.7	37.9	56.9

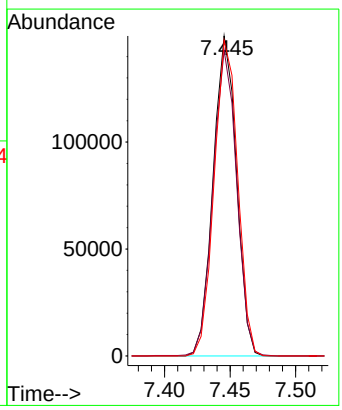


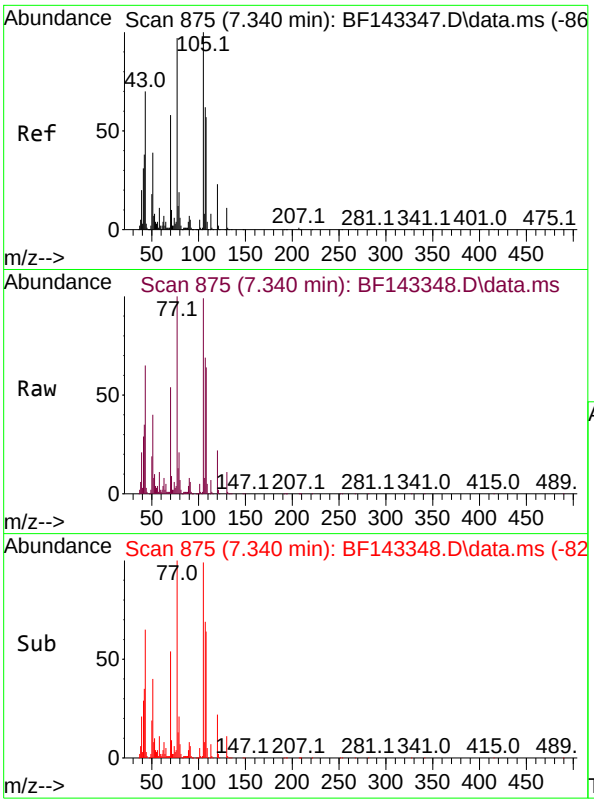


#18
Hexachloroethane
Concen: 50.086 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:117 Resp: 185051

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	98.6	77.2	115.8



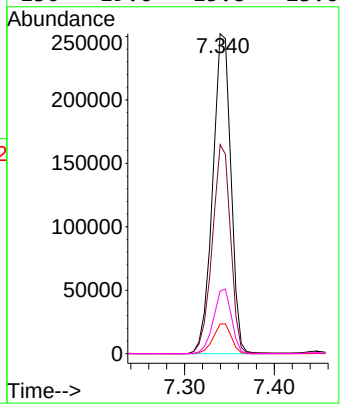


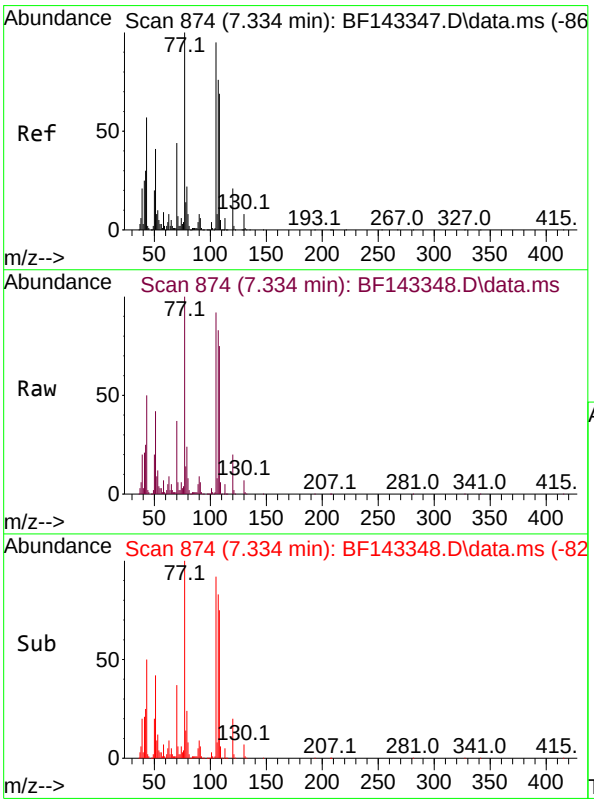
#19
n-Nitroso-di-n-propylamine
Concen: 47.107 ng
RT: 7.340 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 355609

Ion	Ratio	Lower	Upper
70	100		
42	65.3	51.6	77.4
101	9.2	7.5	11.3
130	19.6	15.8	23.6

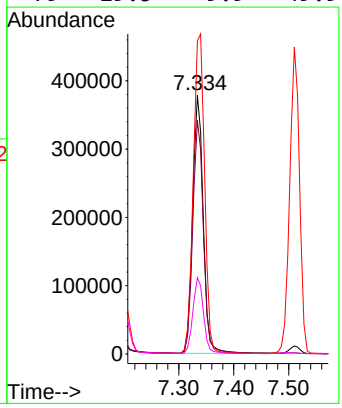


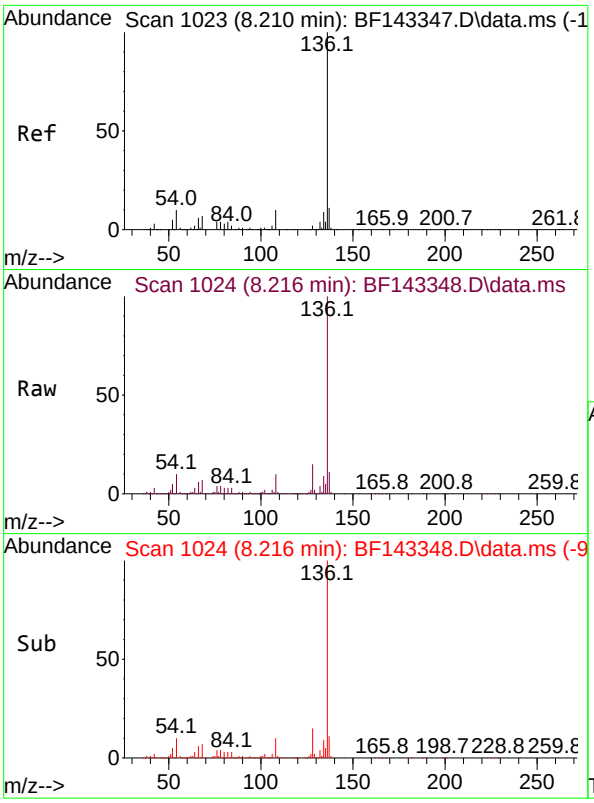


#20
3+4-Methylphenols
Concen: 48.609 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:107 Resp: 505153

Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.6	110.6
77	121.1	112.0	152.0
79	29.5	9.9	49.9



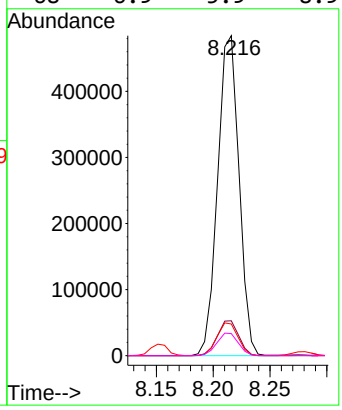


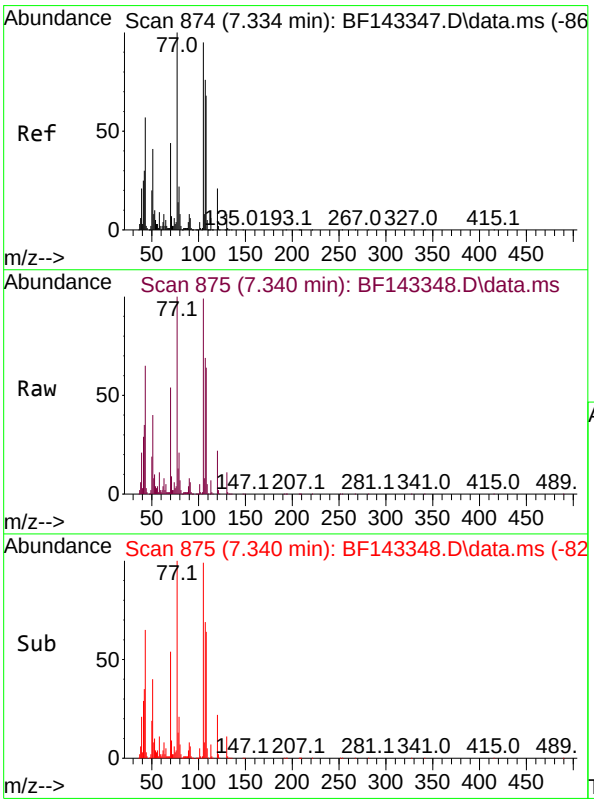
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 635446

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	8.4	12.6
68	6.9	5.9	8.9

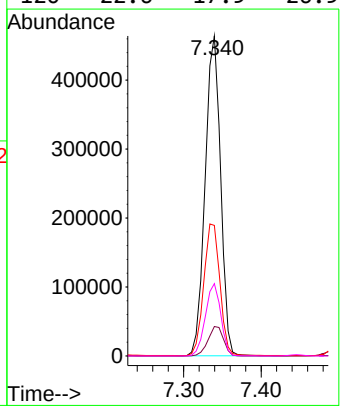


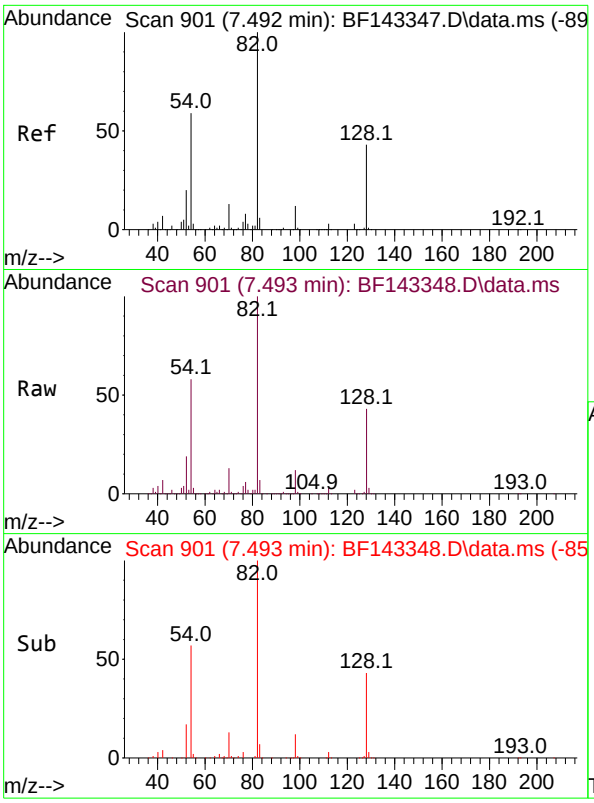


#22
Acetophenone
Concen: 45.886 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:105 Resp: 642443

Ion	Ratio	Lower	Upper
105	100		
71	9.2	6.2	9.4
51	40.8	34.8	52.2
120	22.6	17.9	26.9



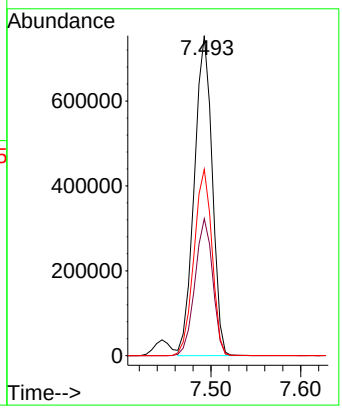


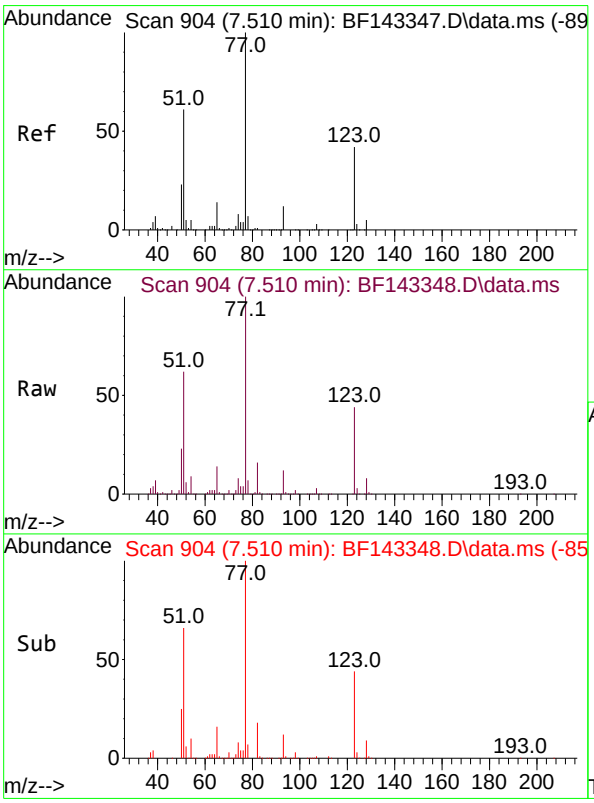
#23
Nitrobenzene-d5
Concen: 102.072 ng
RT: 7.493 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1041552

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.5	50.3
54	58.2	46.7	70.1

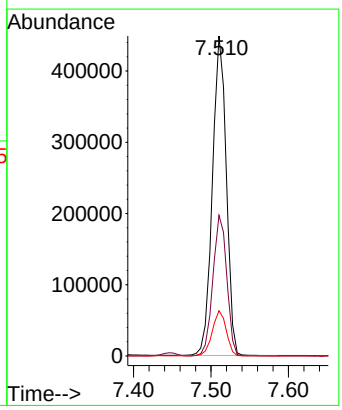


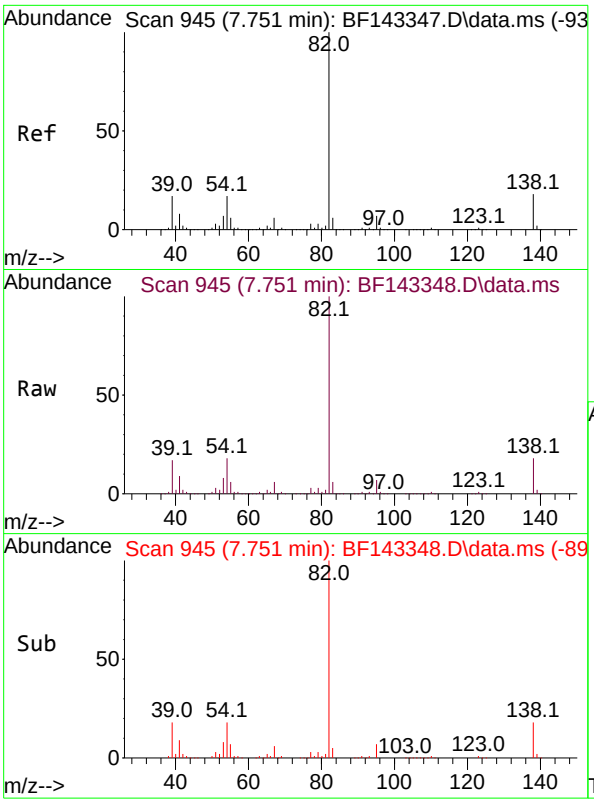


#24
Nitrobenzene
Concen: 50.388 ng
RT: 7.510 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 77 Resp: 558404

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.8	52.2
65	14.1	11.0	16.6



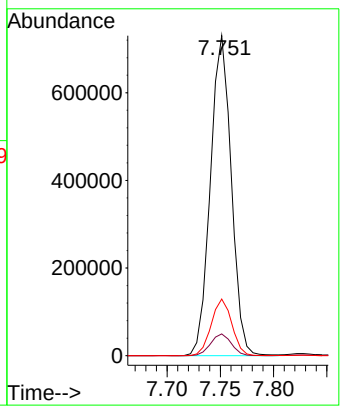


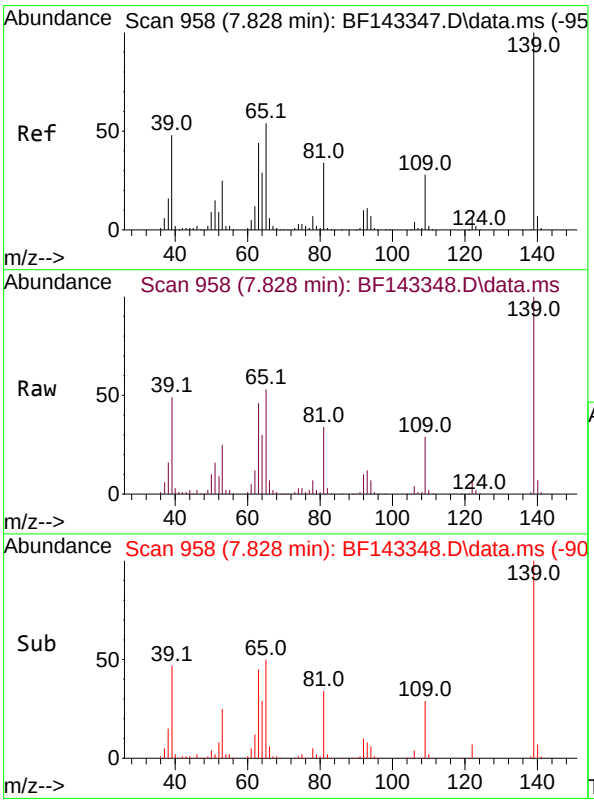
#25
Isophorone
Concen: 47.796 ng
RT: 7.751 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 995651

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	17.7	14.6	21.8

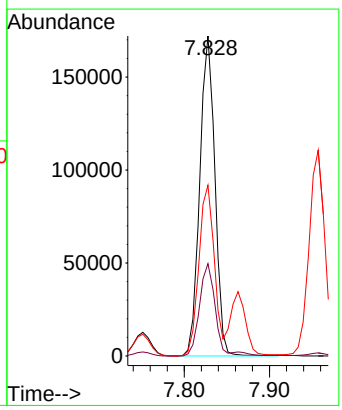


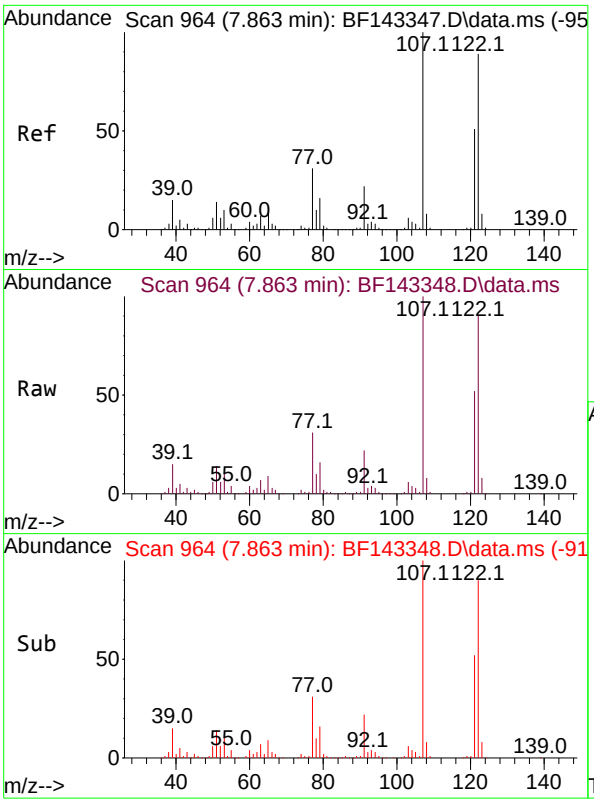


#26
2-Nitrophenol
Concen: 47.982 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:139 Resp: 213083

Ion	Ratio	Lower	Upper
139	100		
109	28.9	22.4	33.6
65	53.4	42.9	64.3



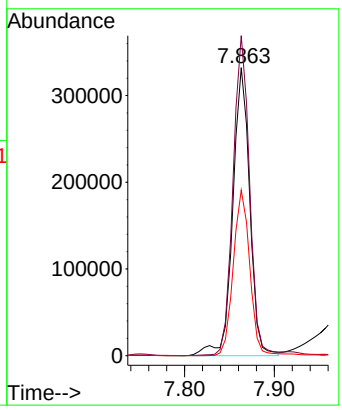


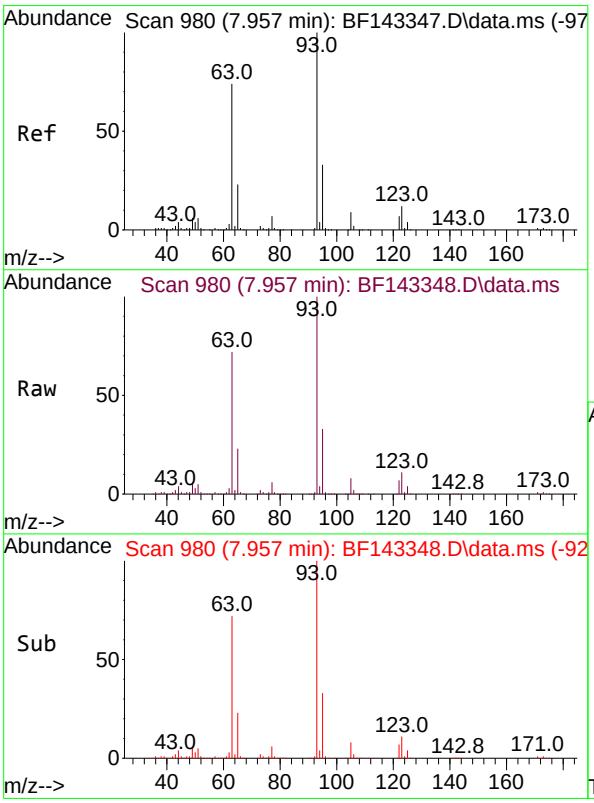
#27
2,4-Dimethylphenol
Concen: 50.217 ng
RT: 7.863 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 436419

Ion	Ratio	Lower	Upper
122	100		
107	111.1	89.9	134.9
121	57.5	46.2	69.4

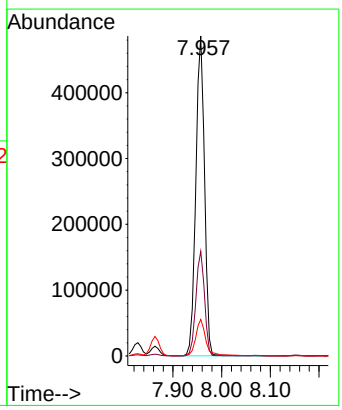


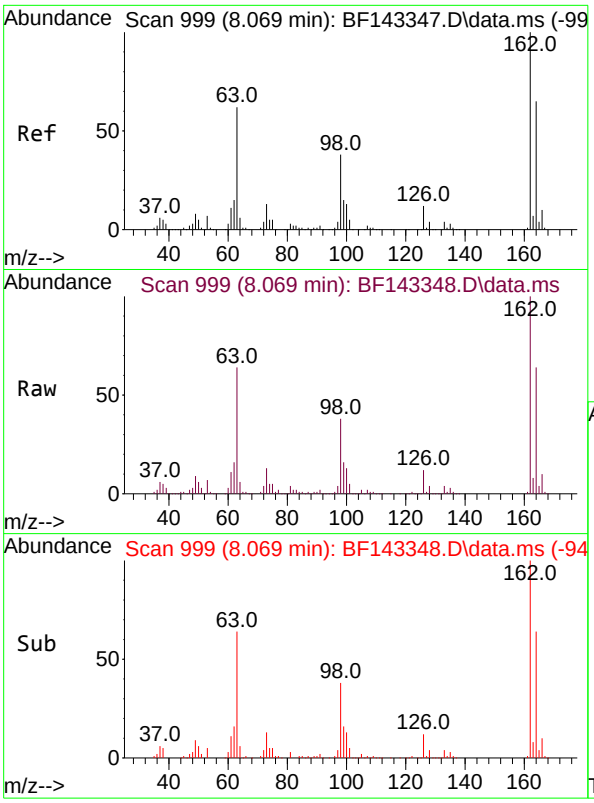


#28
bis(2-Chloroethoxy)methane
Concen: 47.865 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 93 Resp: 608760

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	11.4	9.4	14.2



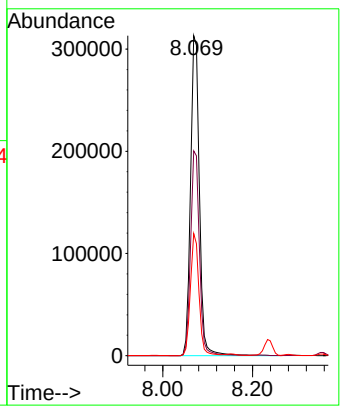


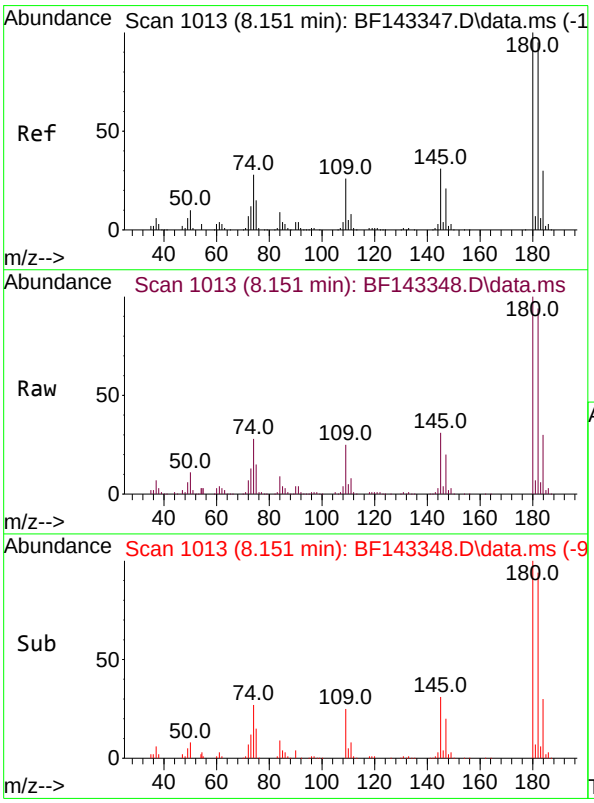
#29
2,4-Dichlorophenol
Concen: 50.485 ng
RT: 8.069 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 428530

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.5	84.5
98	38.1	17.7	57.7

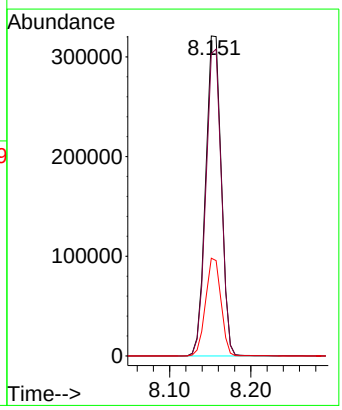


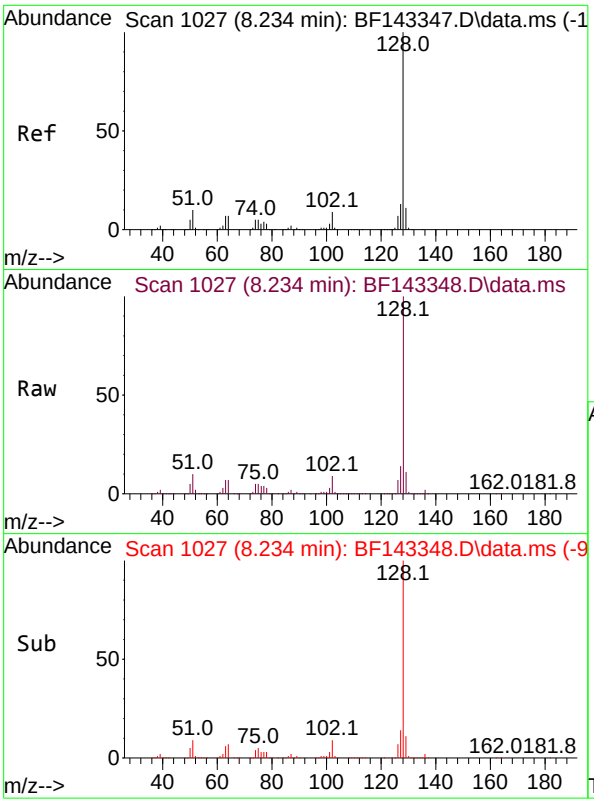


#30
1,2,4-Trichlorobenzene
Concen: 47.795 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:180 Resp: 427946

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.1	114.1
145	30.6	24.9	37.3



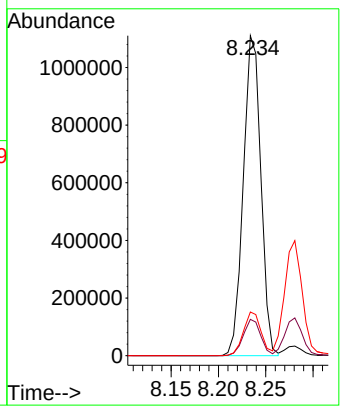


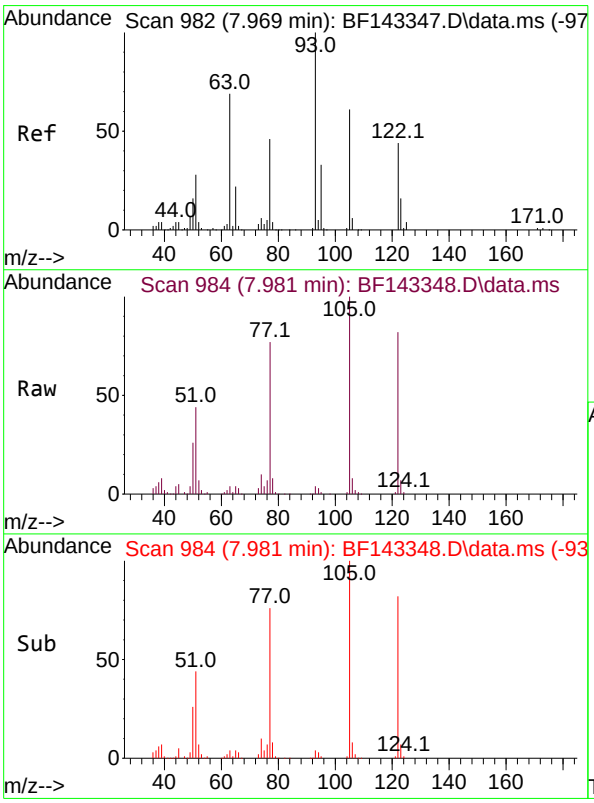
#31
Naphthalene
Concen: 46.809 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1431280

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.6	10.7	16.1

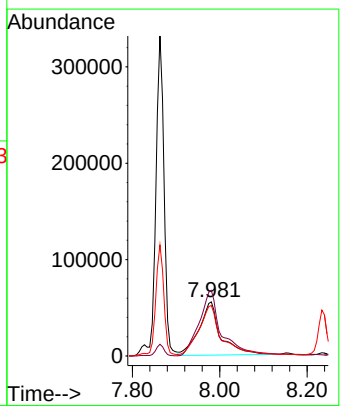


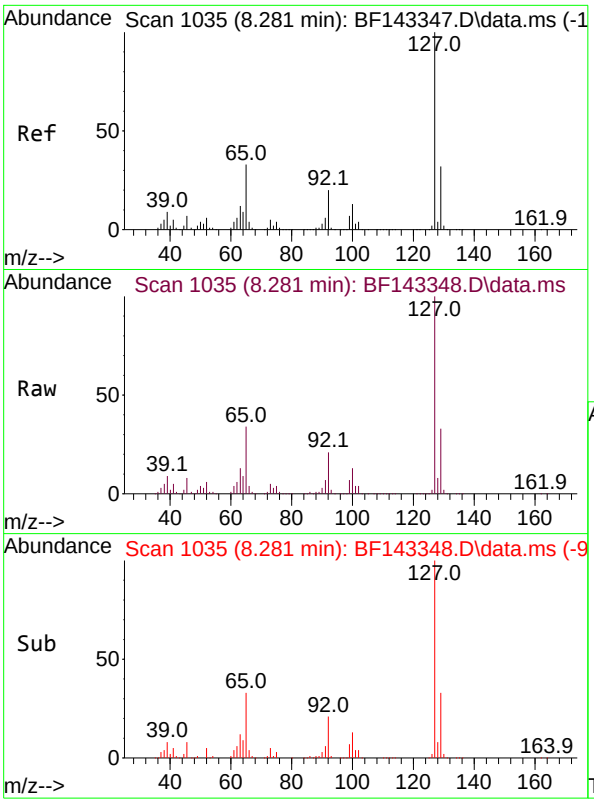


#32
Benzoic acid
Concen: 49.943 ng
RT: 7.981 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:122 Resp: 191072

Ion	Ratio	Lower	Upper
122	100		
105	121.5	106.4	146.4
77	93.2	79.2	119.2



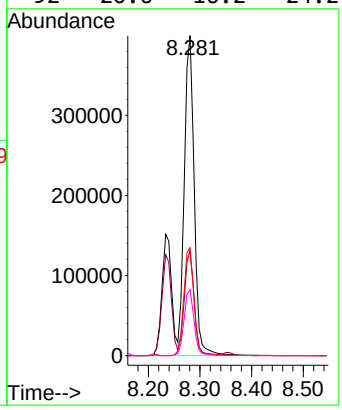


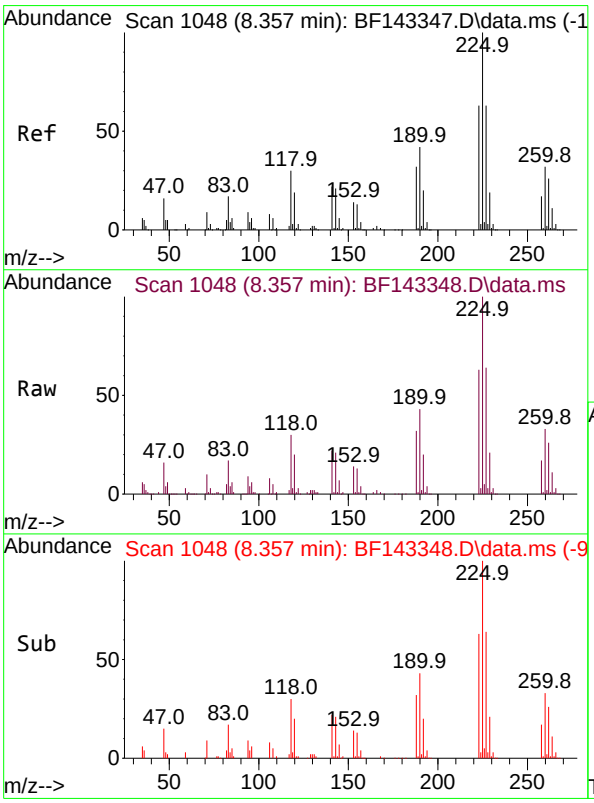
#33
4-Chloroaniline
Concen: 48.171 ng
RT: 8.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 531257

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.0	39.0
65	33.7	27.0	40.4
92	20.6	16.2	24.2

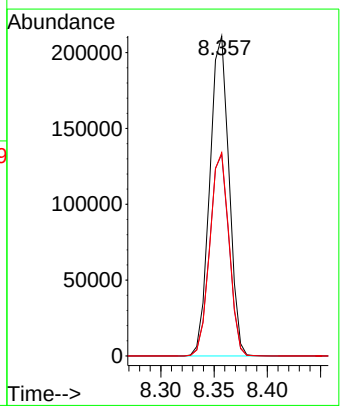


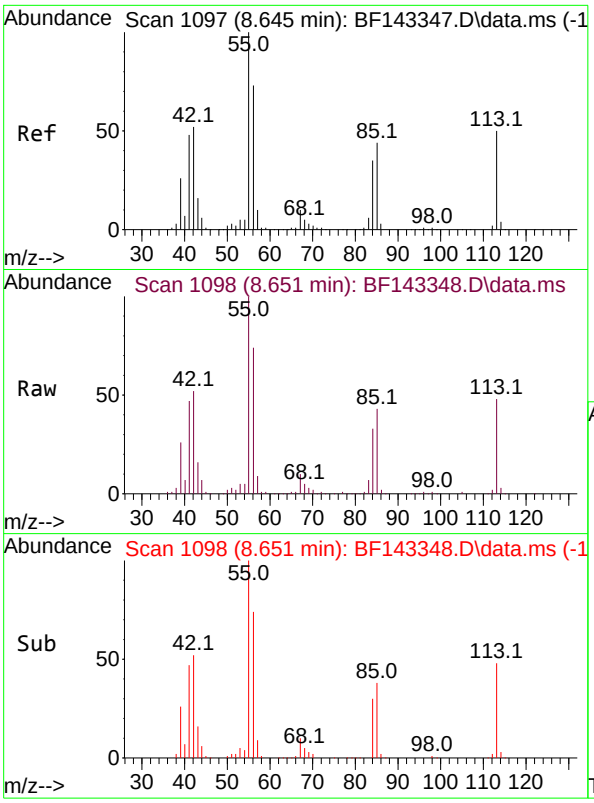


#34
Hexachlorobutadiene
Concen: 47.488 ng
RT: 8.357 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:225 Resp: 264501

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	63.6	50.6	75.8



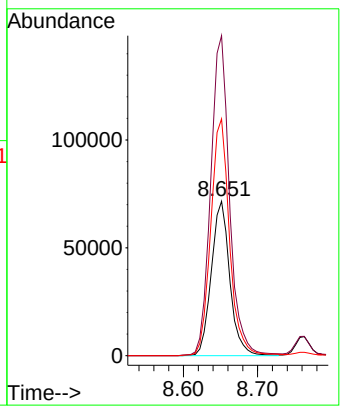


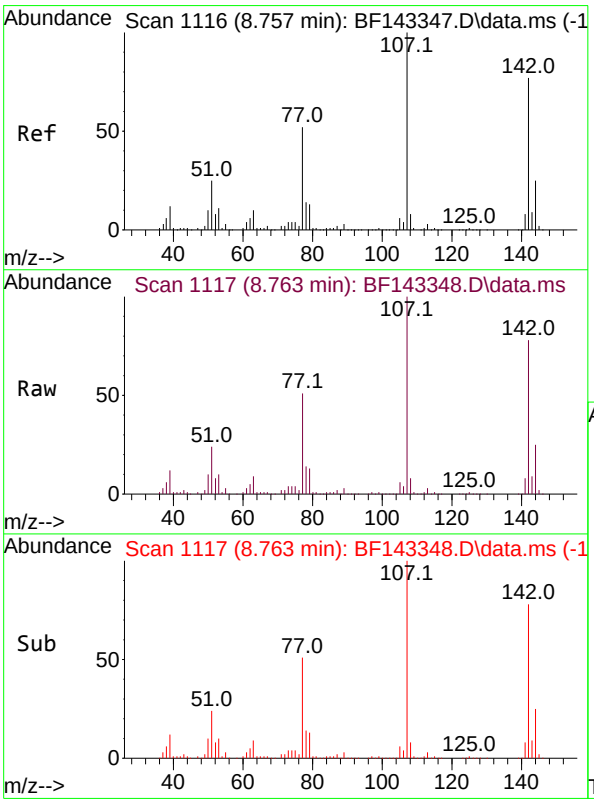
#35
Caprolactam
Concen: 51.952 ng
RT: 8.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 123969

Ion	Ratio	Lower	Upper
113	100		
55	207.2	181.4	221.4
56	153.3	127.3	167.3

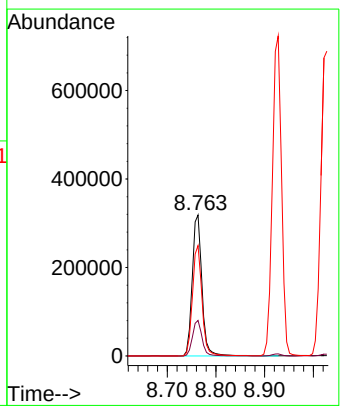


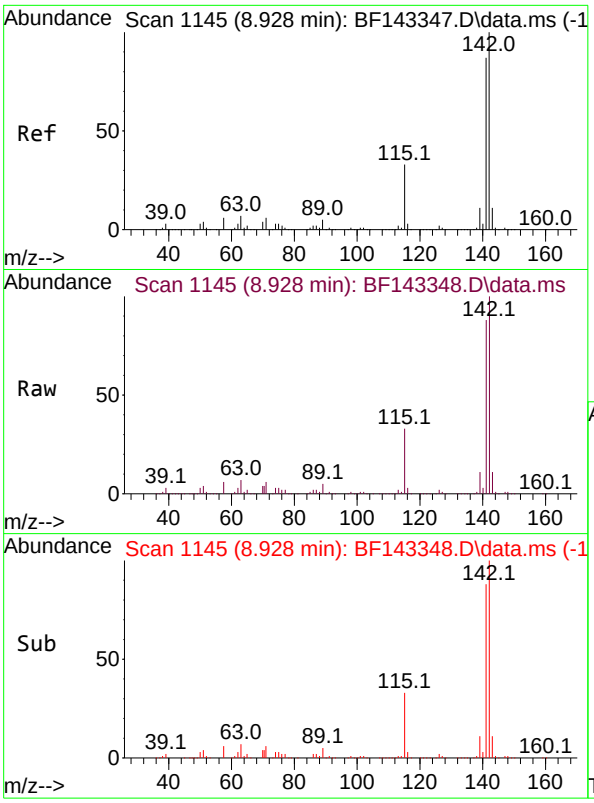


#36
4-Chloro-3-methylphenol
Concen: 49.741 ng
RT: 8.763 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:107 Resp: 442622

Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.0	30.0
142	78.4	61.3	91.9



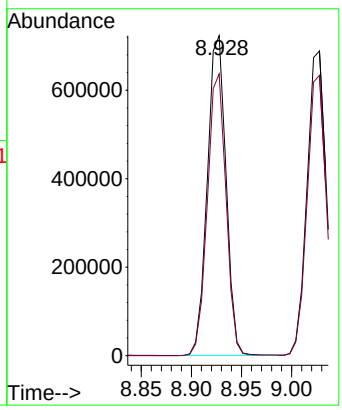


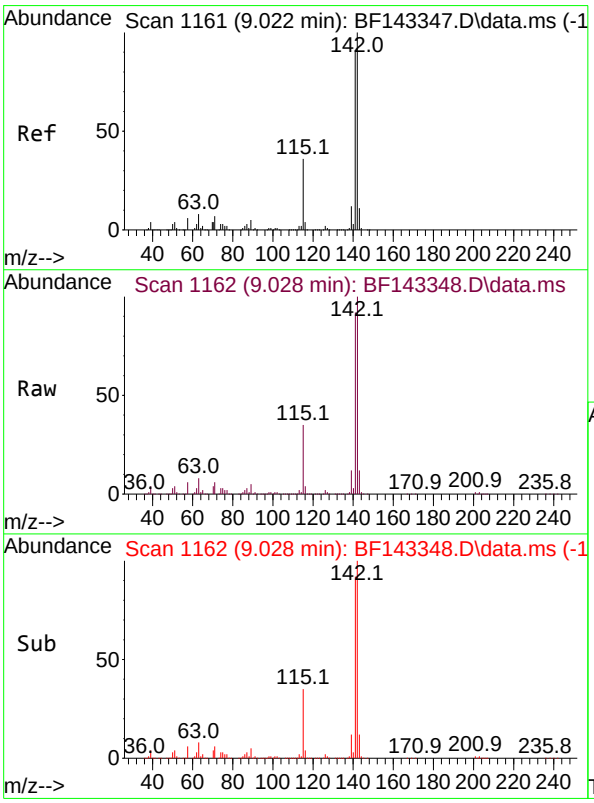
#37
2-Methylnaphthalene
Concen: 46.712 ng
RT: 8.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 938982

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.8	104.8

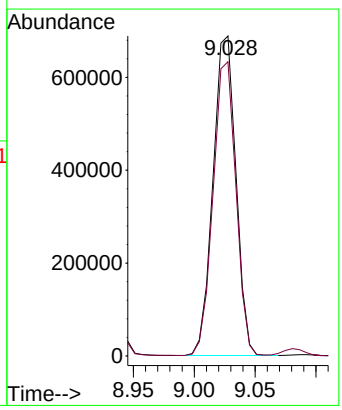


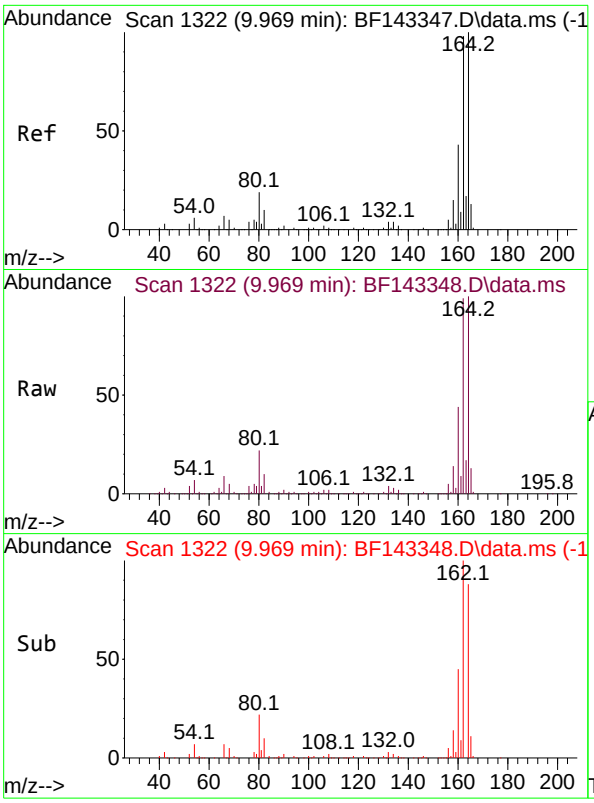


#38
1-Methylnaphthalene
Concen: 46.606 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:142 Resp: 902313

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.0	109.4



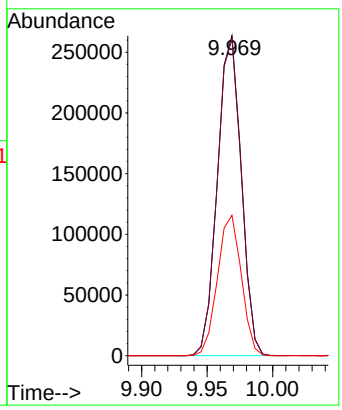


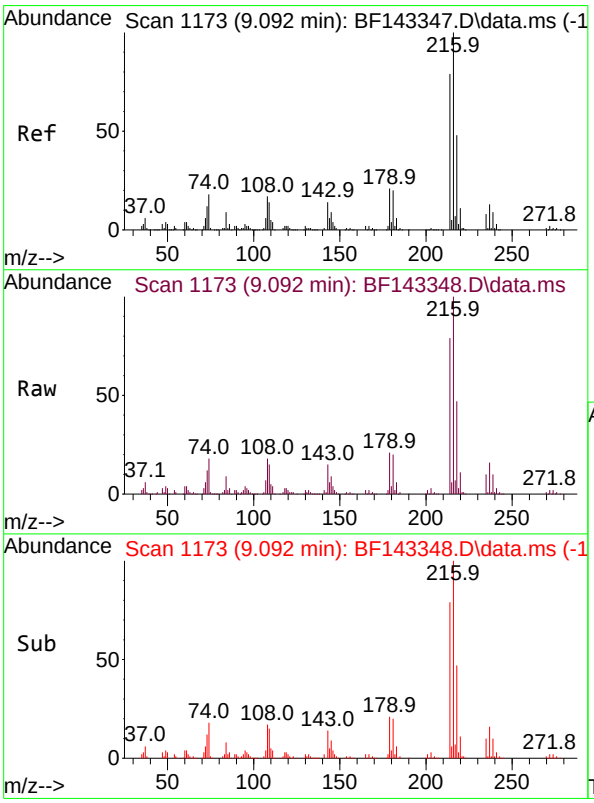
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 333763

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.6	118.0
160	43.8	34.4	51.6

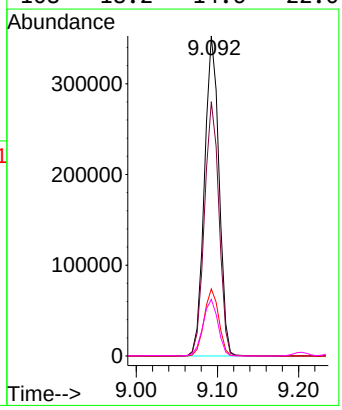


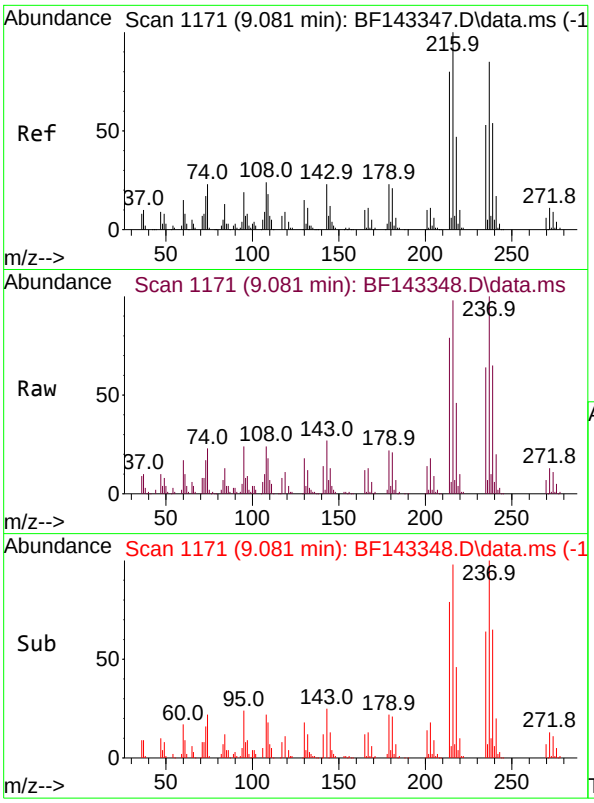


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.877 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:216 Resp: 437268

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.9	17.0	25.4
108	18.2	14.6	22.0



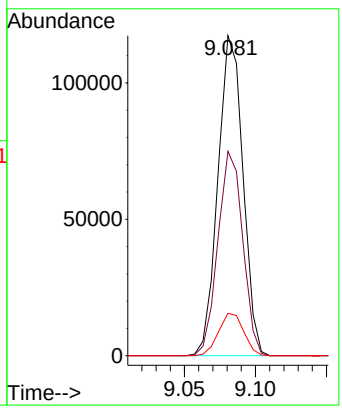


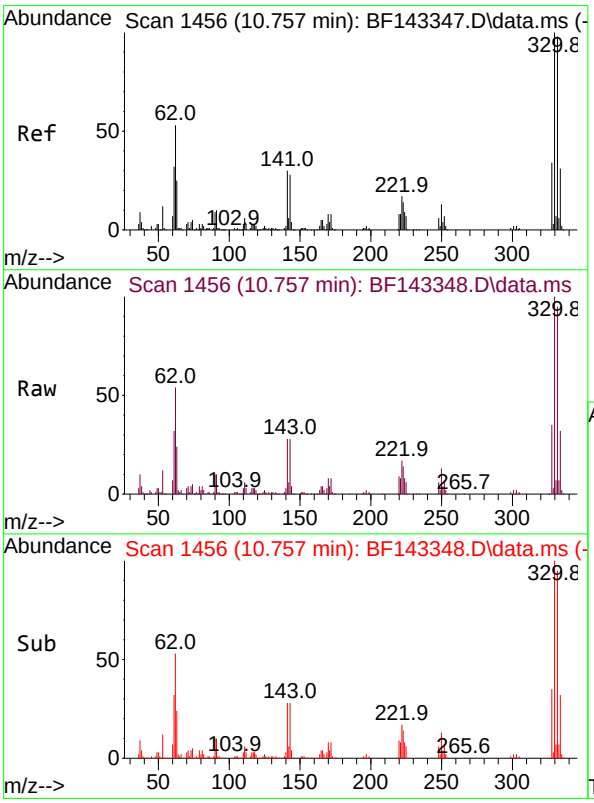
#41
Hexachlorocyclopentadiene
Concen: 47.474 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 143487

Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.0	82.0
272	13.3	0.0	32.6

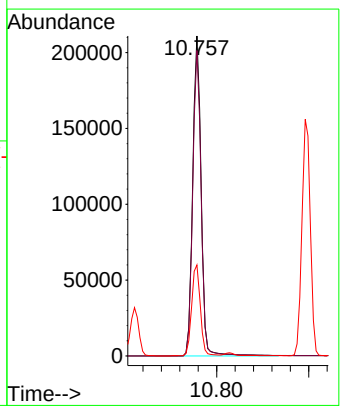


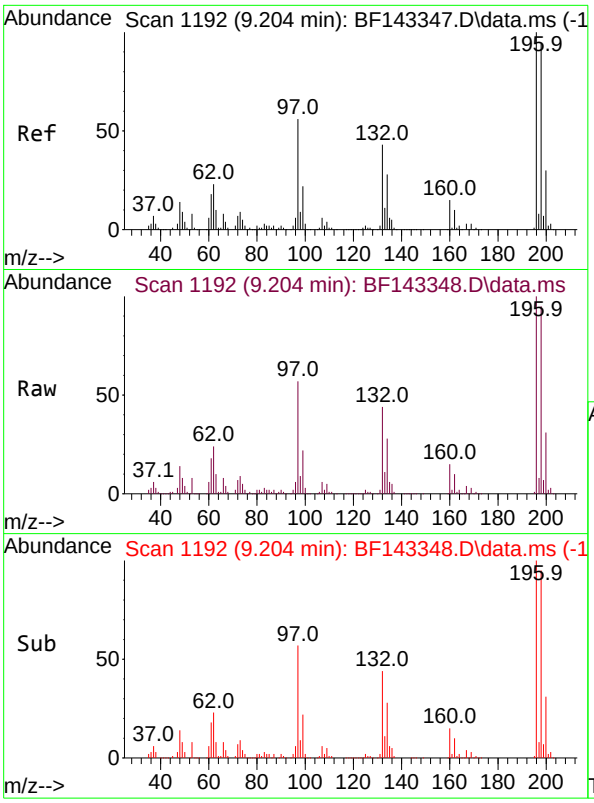


#42
2,4,6-Tribromophenol
Concen: 109.378 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:330 Resp: 266796

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.1	117.1
141	29.6	25.4	38.0



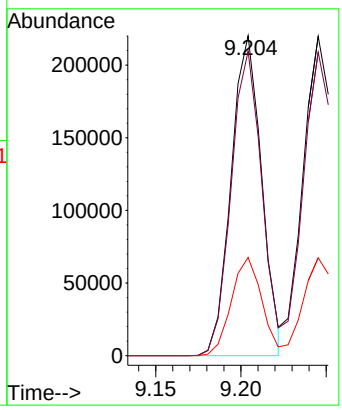


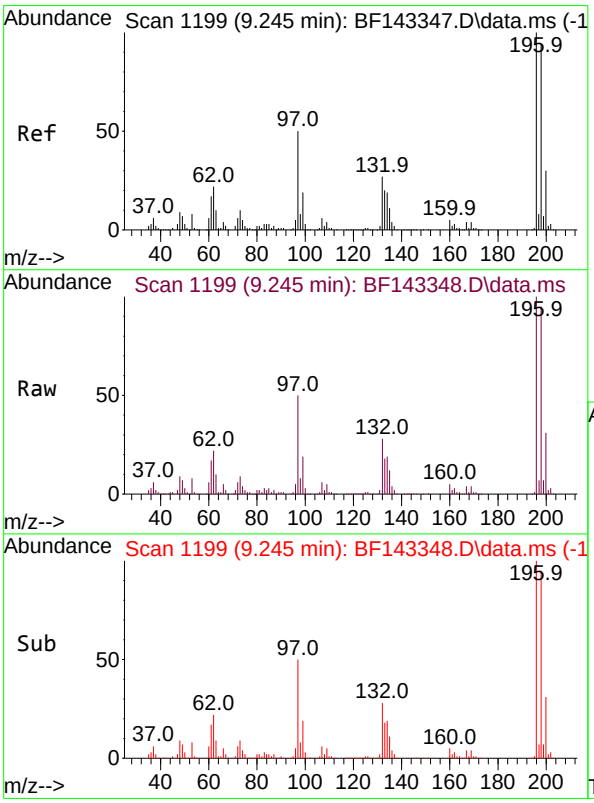
#43
2,4,6-Trichlorophenol
Concen: 52.773 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 273471

Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.4	113.0
200	30.7	24.3	36.5

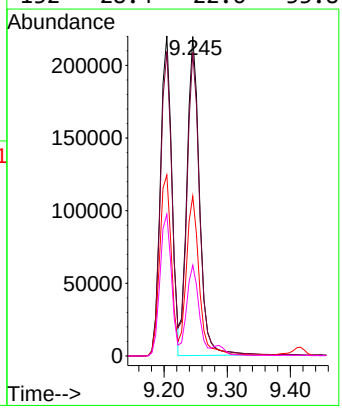


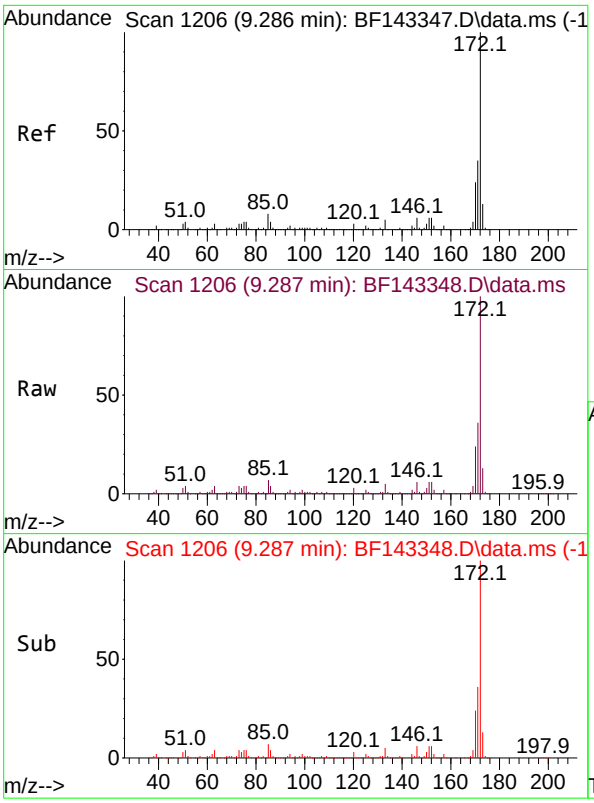


#44
2,4,5-Trichlorophenol
Concen: 51.948 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:196 Resp: 303993

Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.4	113.2
97	50.0	39.9	59.9
132	28.4	22.6	33.8



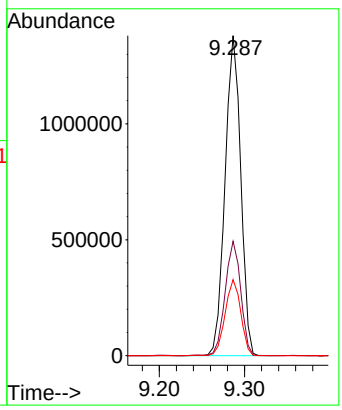


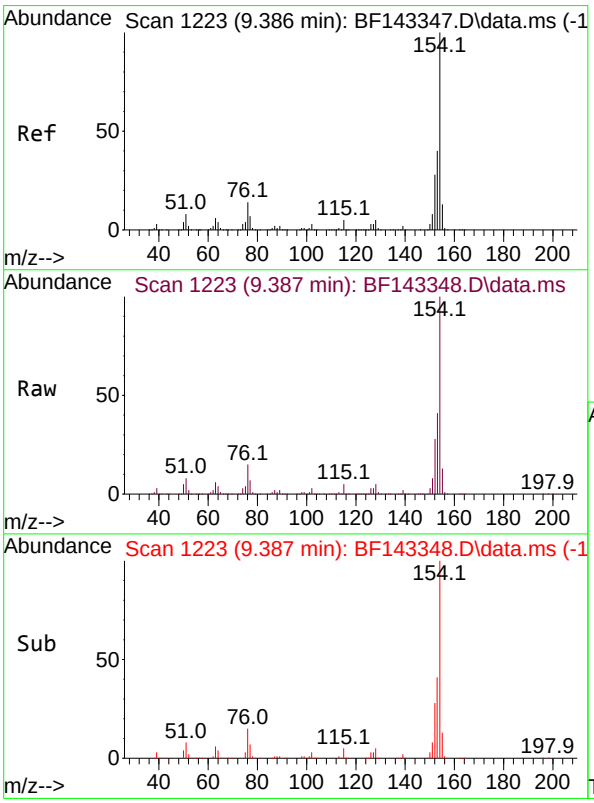
#45
2-Fluorobiphenyl
Concen: 89.893 ng
RT: 9.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 1769302

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	23.8	19.1	28.7

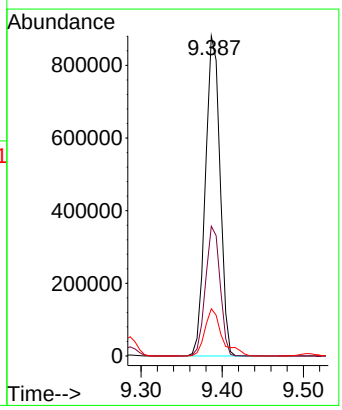


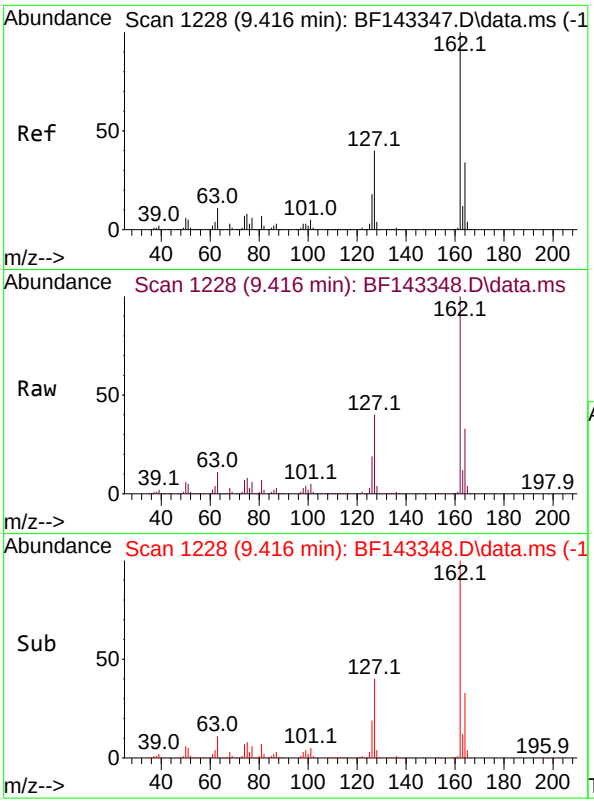


#46
1,1'-Biphenyl
Concen: 46.558 ng
RT: 9.387 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:154 Resp: 1098727

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	14.8	0.0	34.4



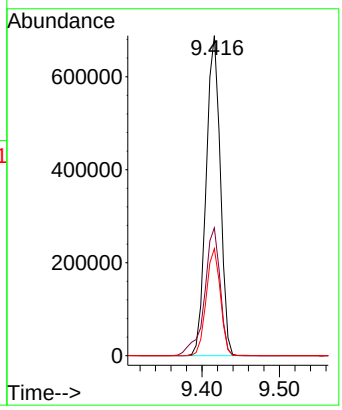


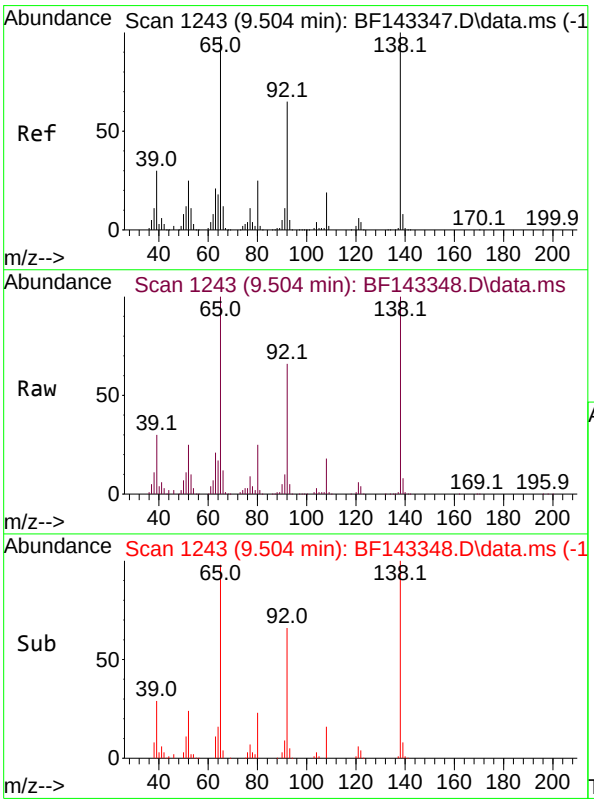
#47
2-Chloronaphthalene
Concen: 46.944 ng
RT: 9.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 872497

Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.1	48.1
164	33.5	27.0	40.4

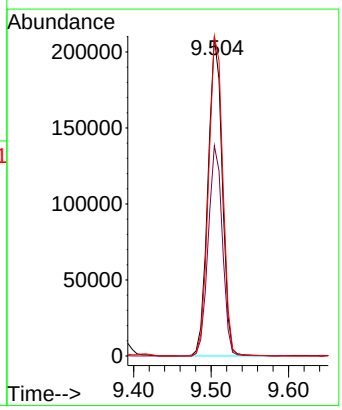


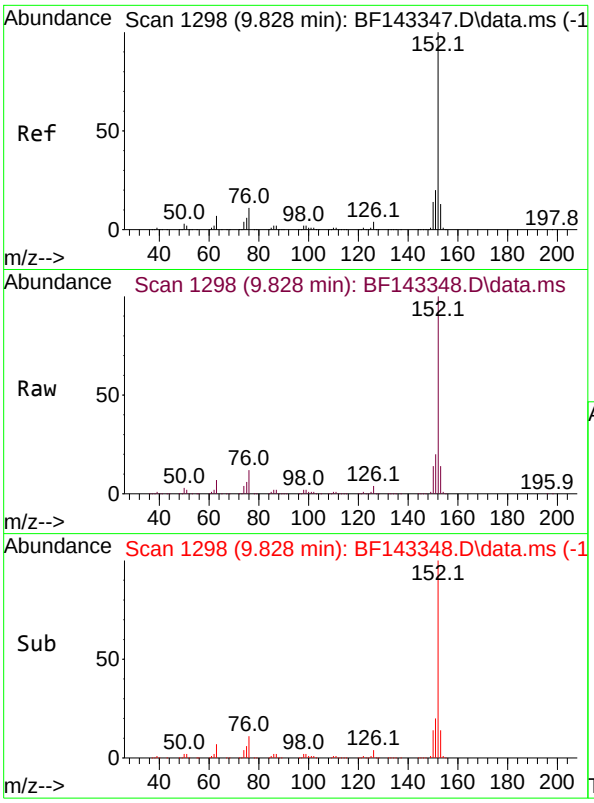


#48
2-Nitroaniline
Concen: 49.816 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 65 Resp: 267630

Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.1	79.7
138	100.4	81.4	122.0



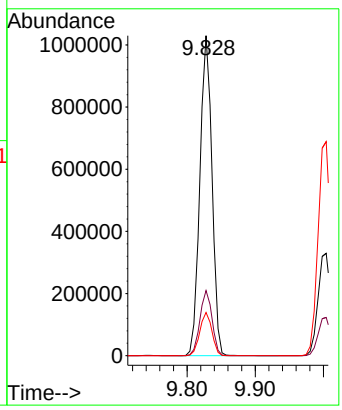


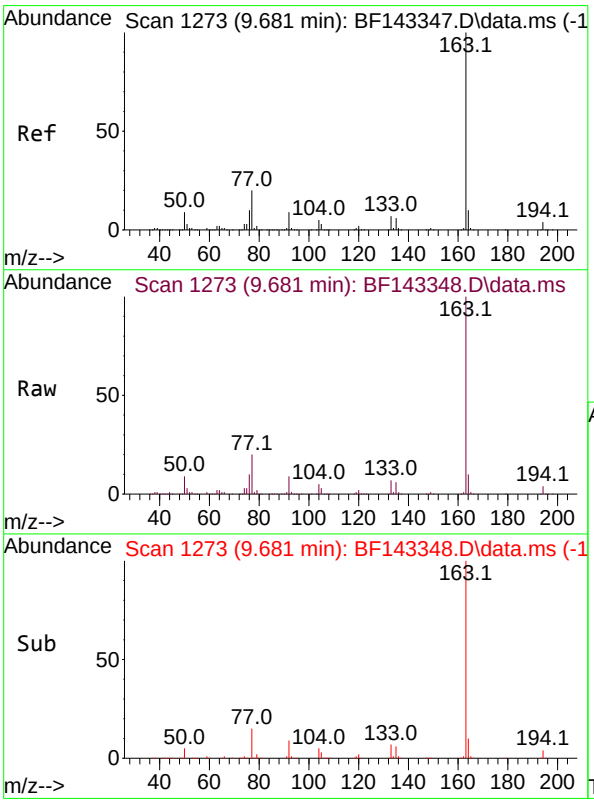
#49
Acenaphthylene
Concen: 47.424 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 1272878

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.5	10.6	16.0

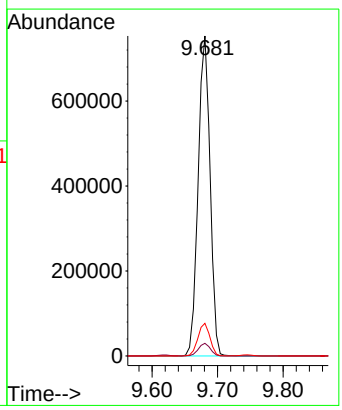


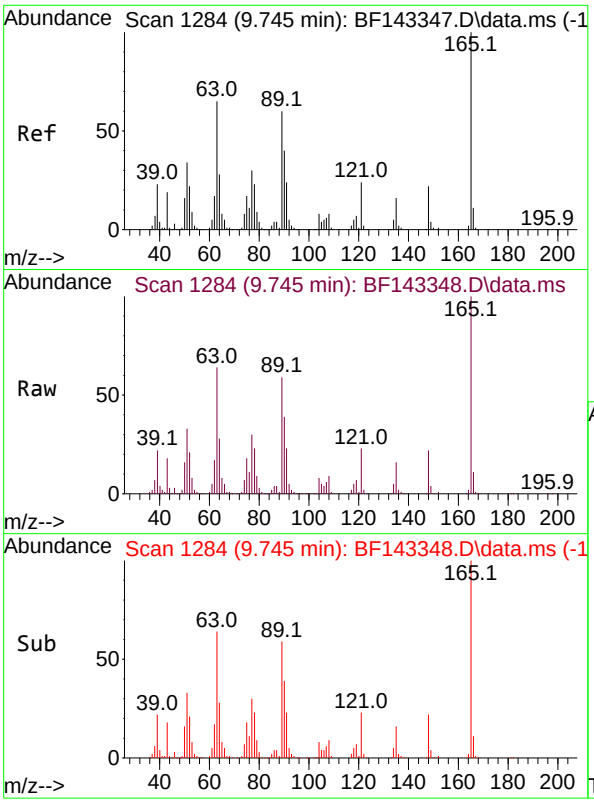


#50
Dimethylphthalate
Concen: 48.946 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:163 Resp: 954560

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.2	12.2



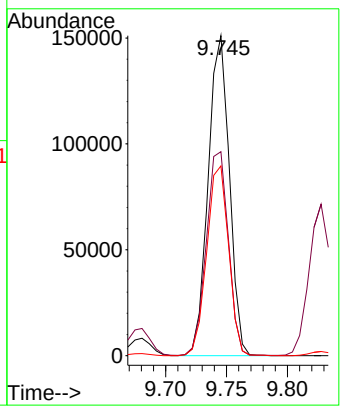


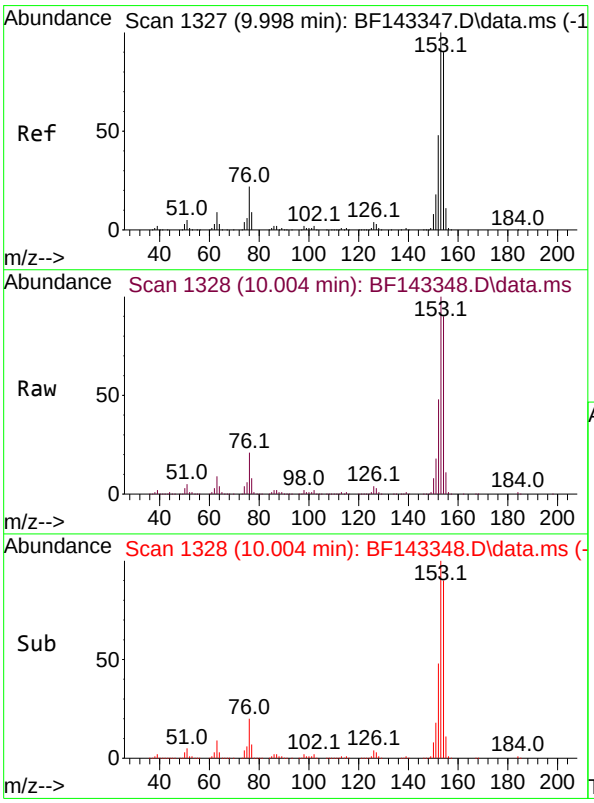
#51
2,6-Dinitrotoluene
Concen: 49.400 ng
RT: 9.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 182648

Ion	Ratio	Lower	Upper
165	100		
63	63.7	51.6	77.4
89	59.3	47.7	71.5

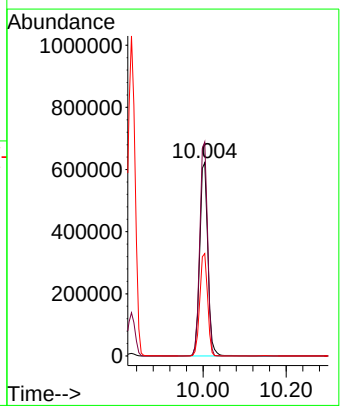


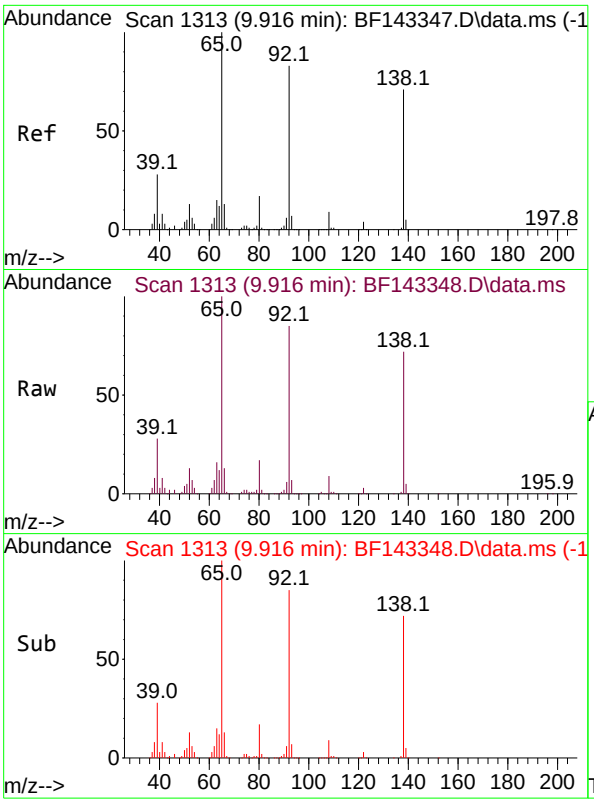


#52
Acenaphthene
Concen: 47.334 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:154 Resp: 844612

Ion	Ratio	Lower	Upper
154	100		
153	110.7	88.5	132.7
152	53.0	42.4	63.6



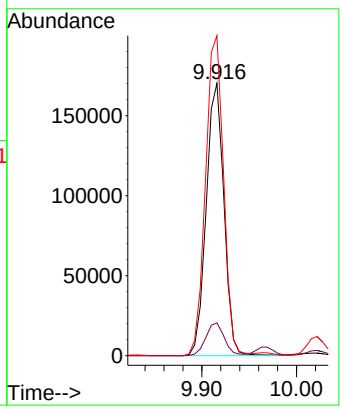


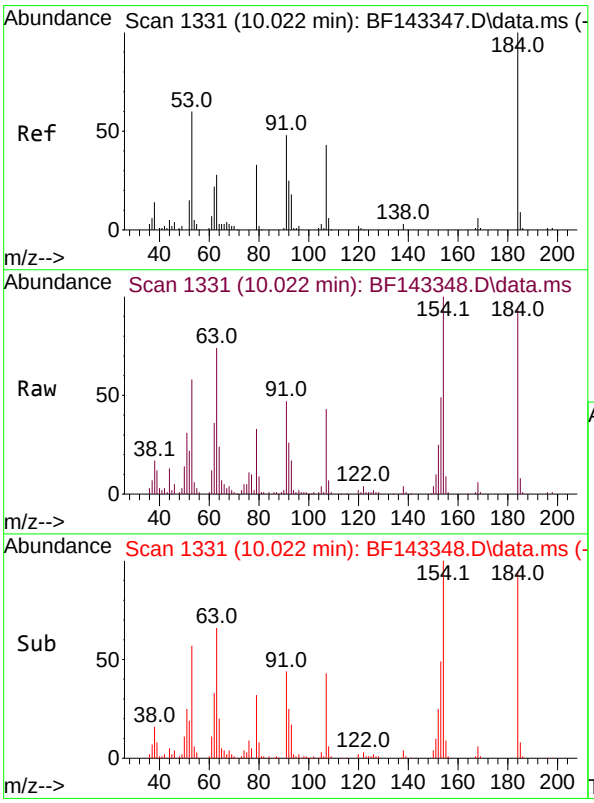
#53
3-Nitroaniline
Concen: 55.316 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 220926

Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.6	14.4
92	117.5	93.4	140.2

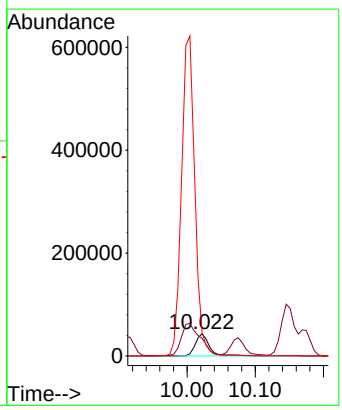


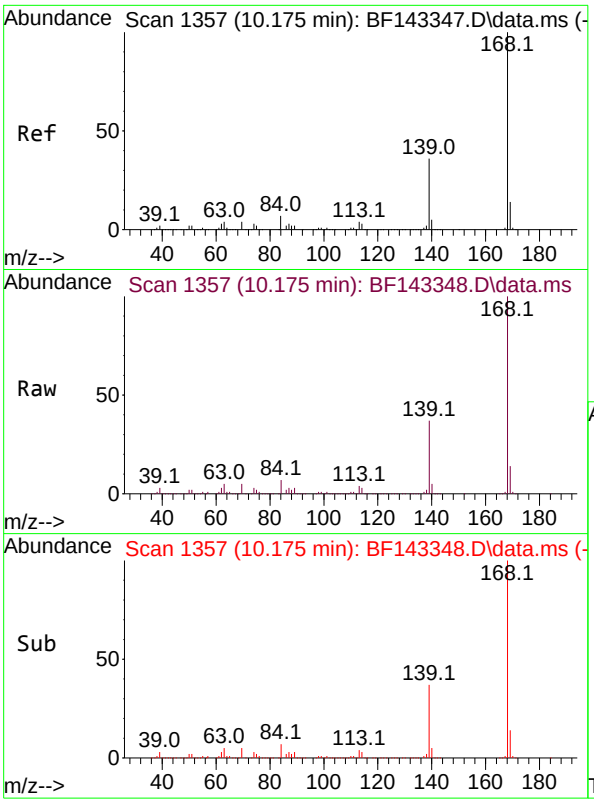


#54
2,4-Dinitrophenol
Concen: 49.460 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:184 Resp: 61169

Ion	Ratio	Lower	Upper
184	100		
63	79.2	62.5	93.7
154	106.6	73.0	109.4



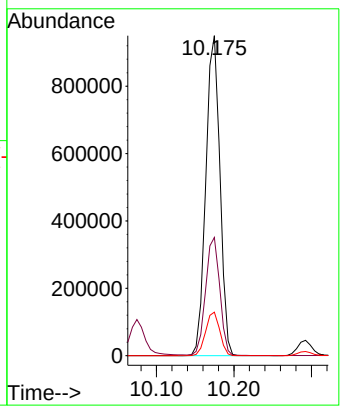


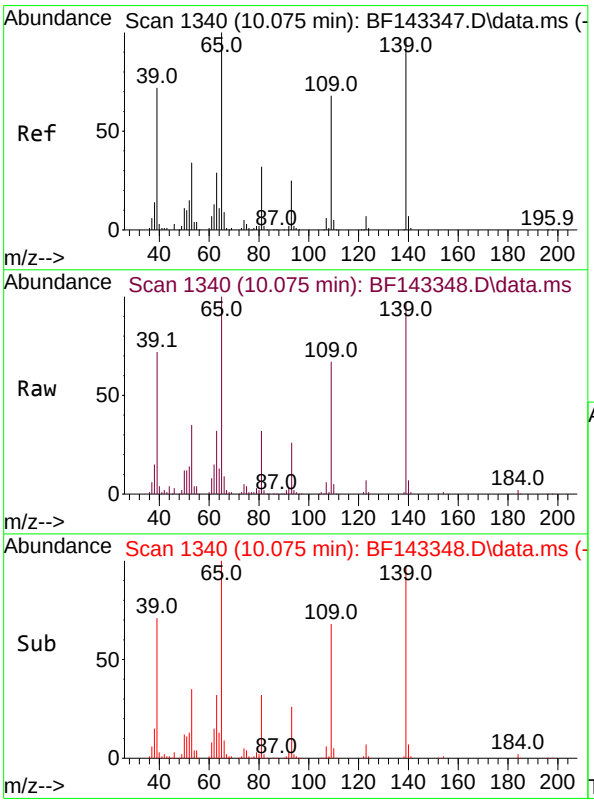
#55
Dibenzofuran
Concen: 46.725 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 1199947

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.4	44.0
169	13.6	11.0	16.6

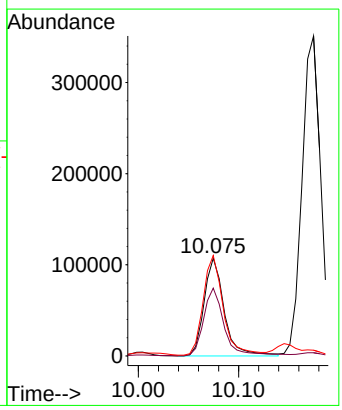


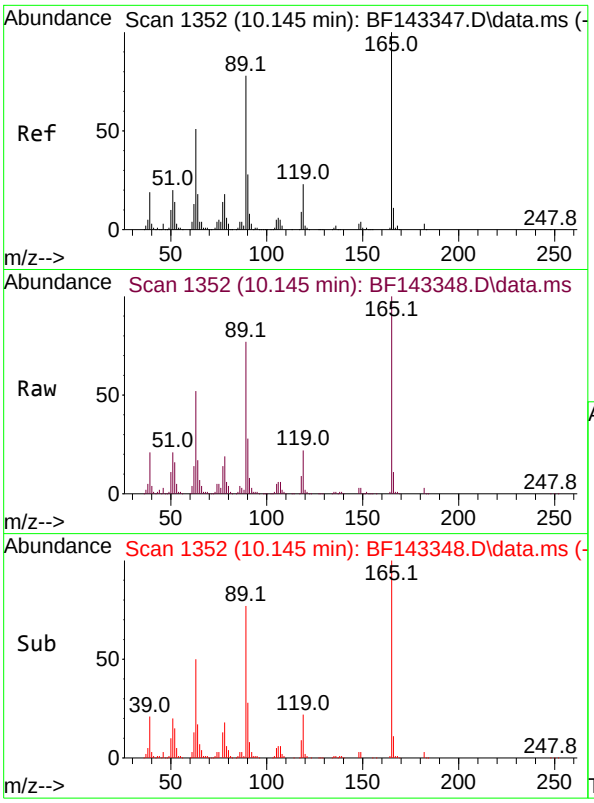


#56
4-Nitrophenol
Concen: 49.286 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:139 Resp: 150114

Ion	Ratio	Lower	Upper
139	100		
109	69.4	49.4	89.4
65	102.9	83.7	123.7



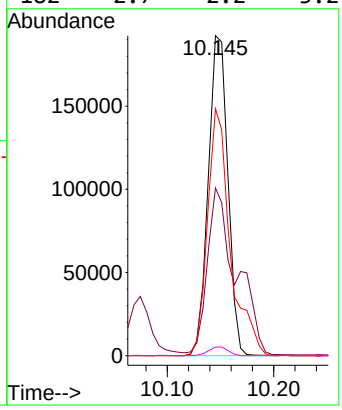


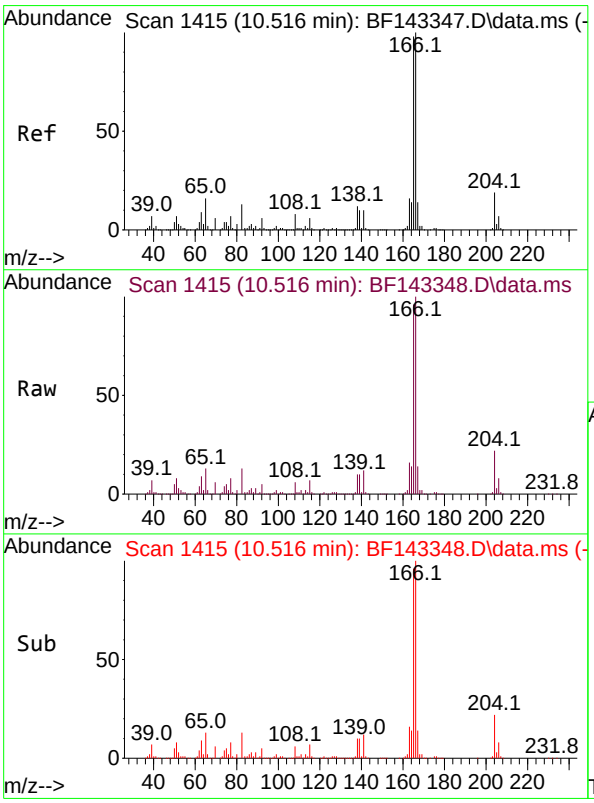
#57
2,4-Dinitrotoluene
Concen: 50.215 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 246635

Ion	Ratio	Lower	Upper
165	100		
63	52.4	41.8	62.8
89	77.1	62.4	93.6
182	2.7	2.2	3.2

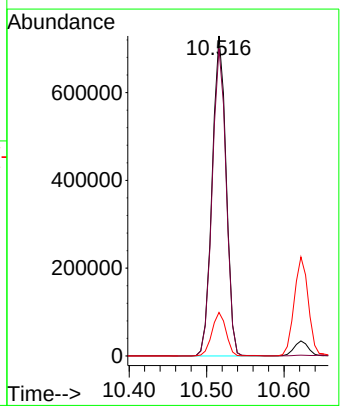


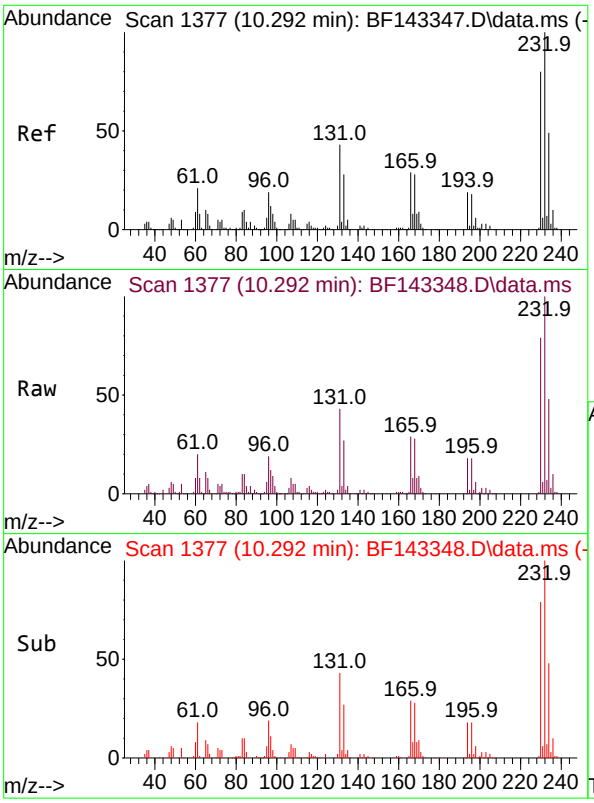


#58
Fluorene
Concen: 46.411 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:166 Resp: 910380

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.2	117.4
167	13.6	10.9	16.3



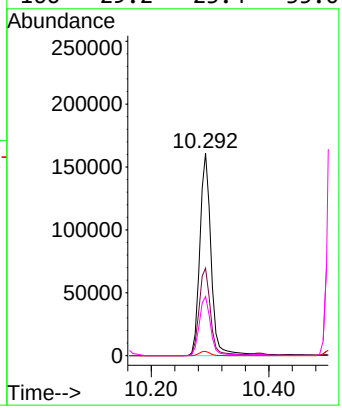


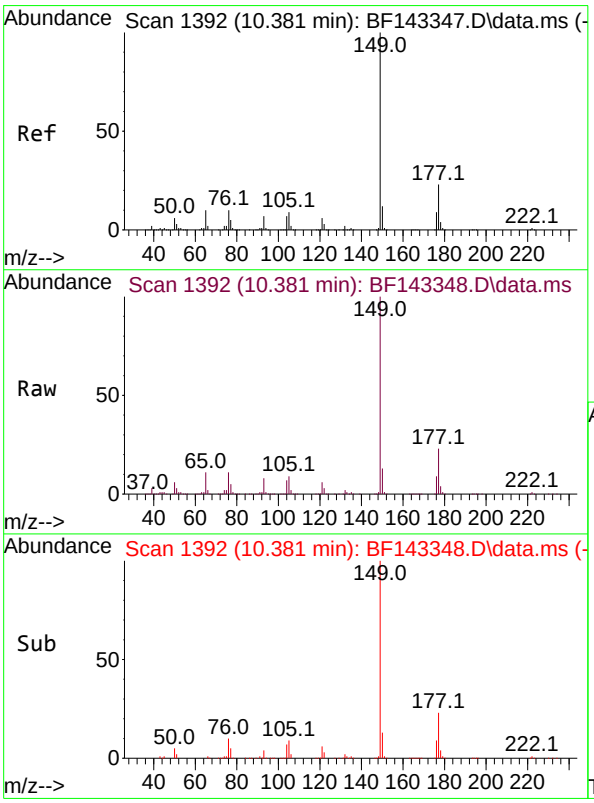
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.543 ng
RT: 10.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 215158

Ion	Ratio	Lower	Upper
232	100		
131	43.7	34.6	51.8
130	2.1	1.7	2.5
166	29.2	23.4	35.0

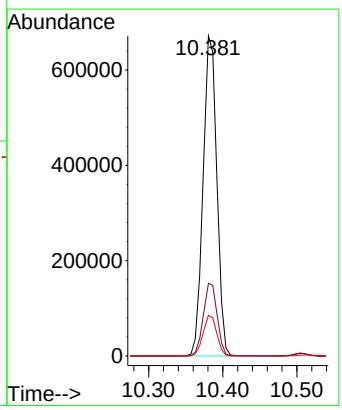


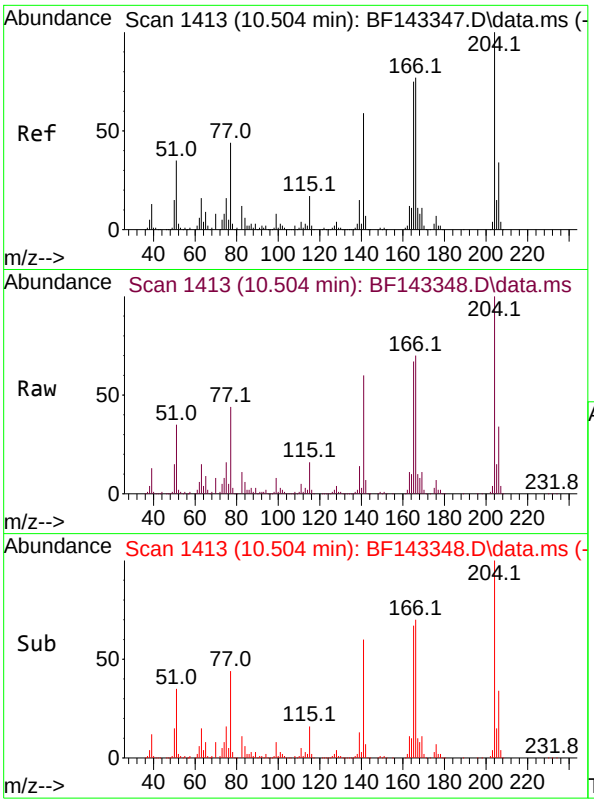


#60
Diethylphthalate
Concen: 49.540 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:149 Resp: 865395

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	12.7	9.9	14.9



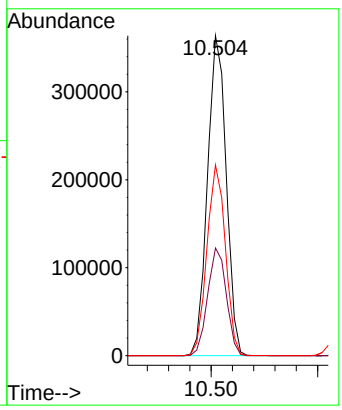


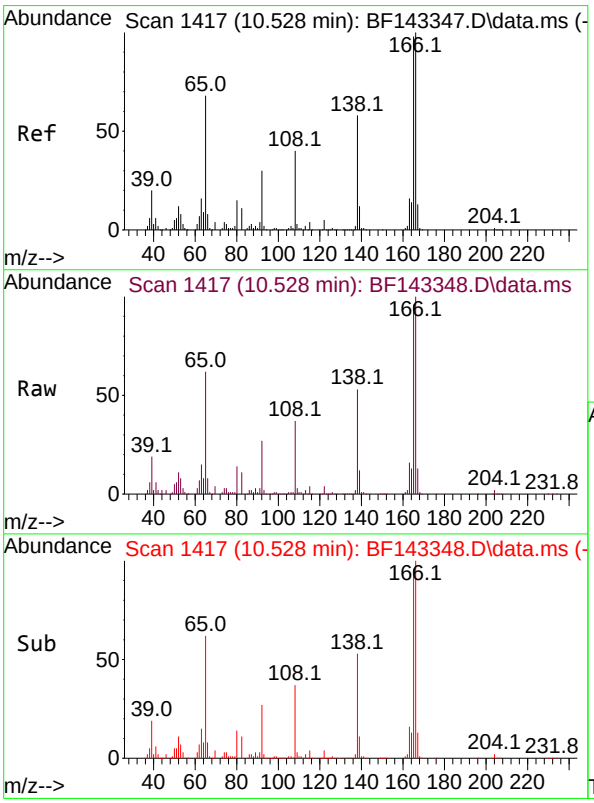
#61
4-Chlorophenyl-phenylether
Concen: 46.885 ng
RT: 10.504 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 444383

Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.4	41.2
141	59.6	46.9	70.3

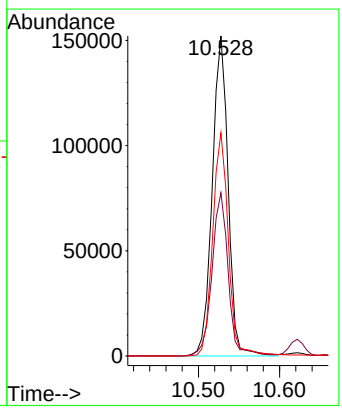


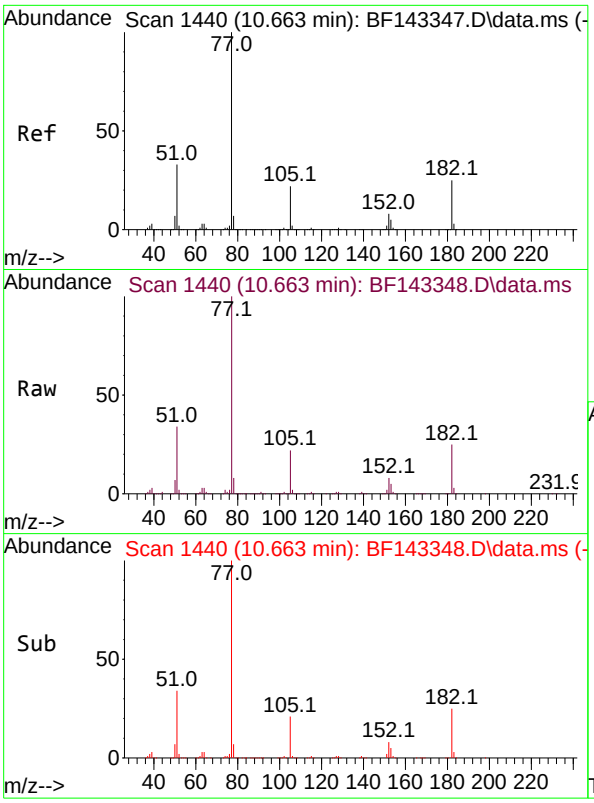


#62
4-Nitroaniline
Concen: 53.618 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:138 Resp: 207188

Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.2	71.2
108	69.7	48.1	88.1



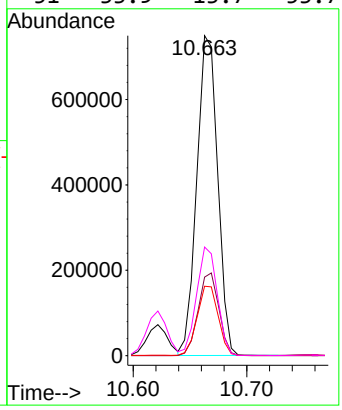


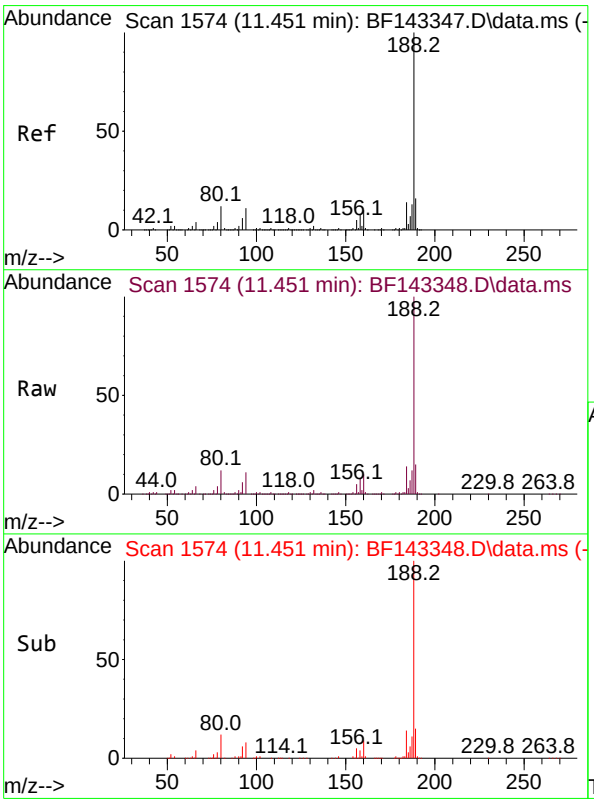
#63
Azobenzene
Concen: 47.978 ng
RT: 10.663 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 957306

Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.4	44.4
105	21.7	1.8	41.8
51	33.9	13.7	53.7

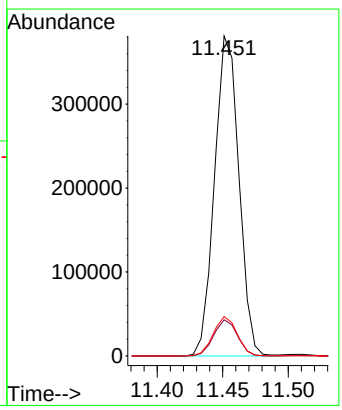


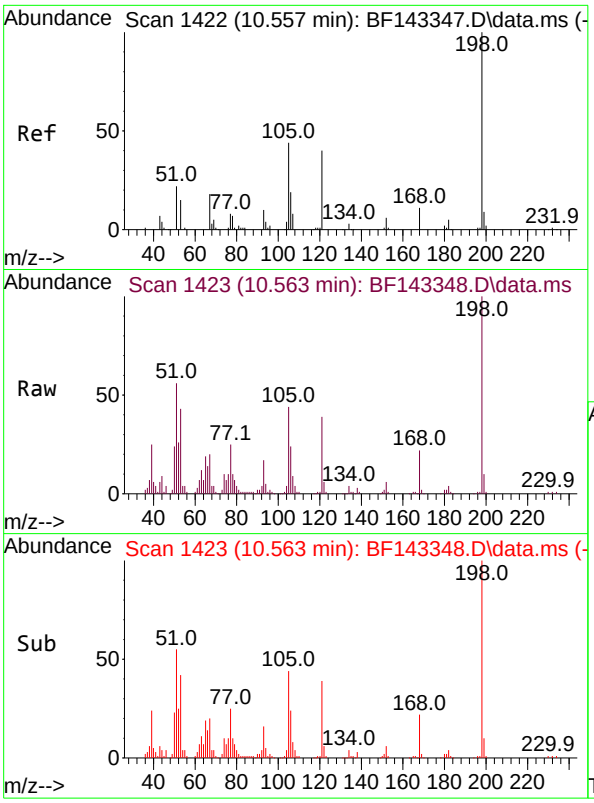


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:188 Resp: 492512

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.8	13.2
80	12.3	9.7	14.5



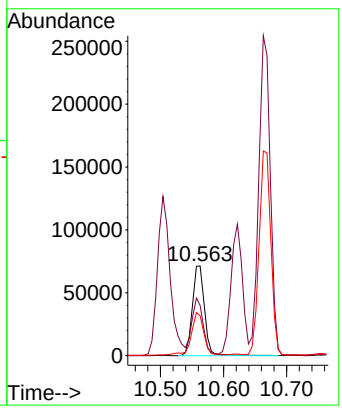


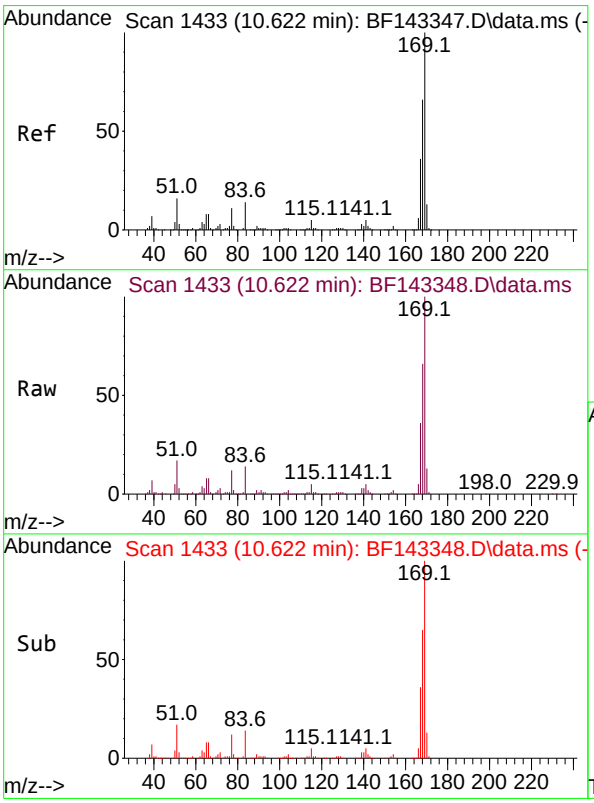
#65
4,6-Dinitro-2-methylphenol
Concen: 47.856 ng
RT: 10.563 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 95307

Ion	Ratio	Lower	Upper
198	100		
51	56.0	41.7	81.7
105	44.5	26.8	66.8

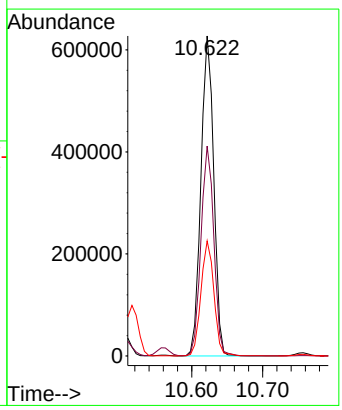


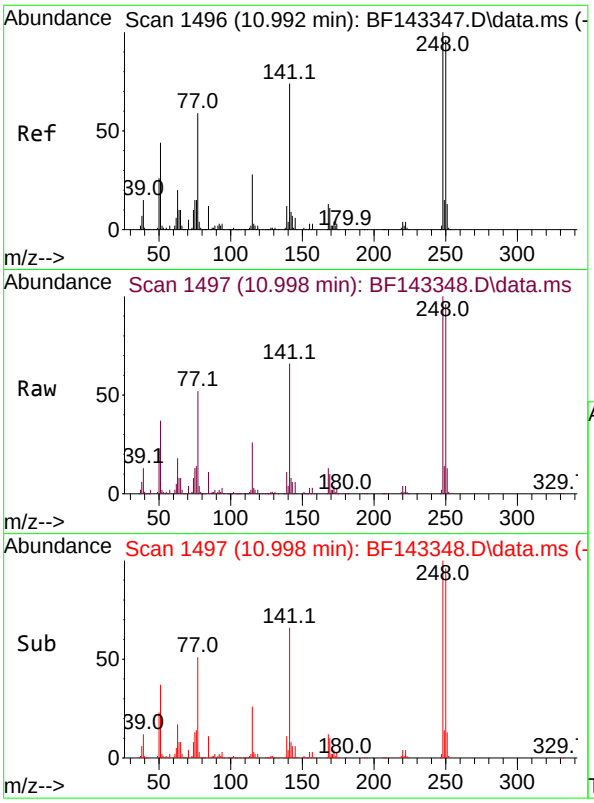


#66
n-Nitrosodiphenylamine
Concen: 48.549 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:169 Resp: 787342

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.7	79.1
167	36.0	28.6	42.8



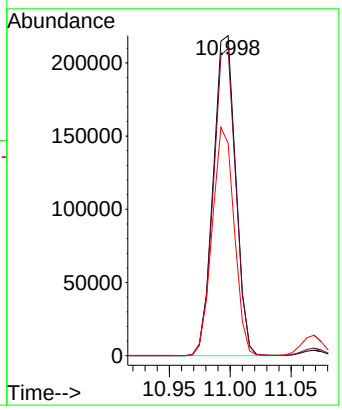


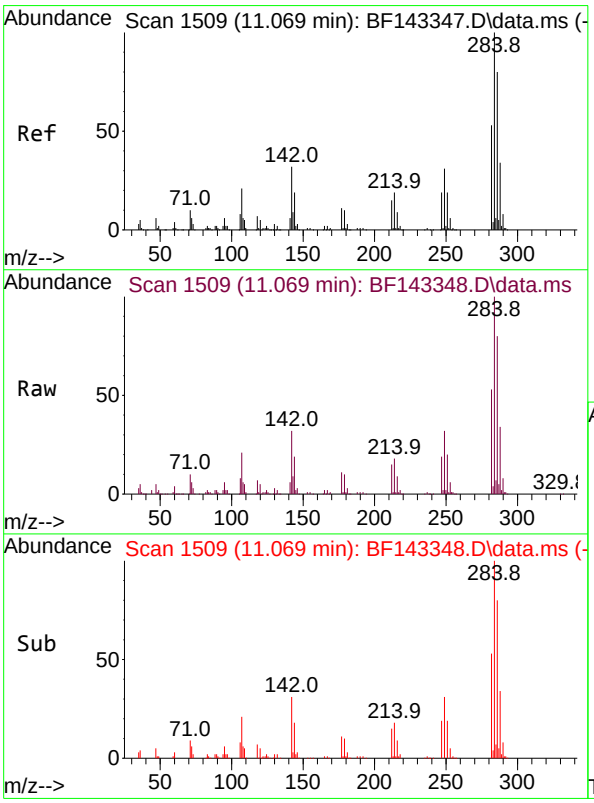
#67
4-Bromophenyl-phenylether
Concen: 49.660 ng
RT: 10.998 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 279724

Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.1	115.7
141	66.3	59.1	88.7

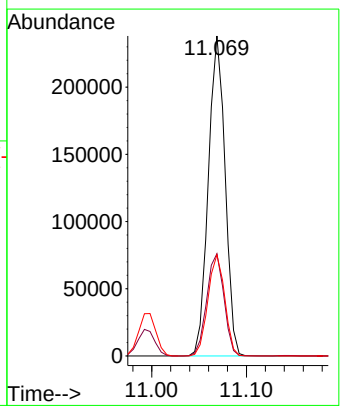


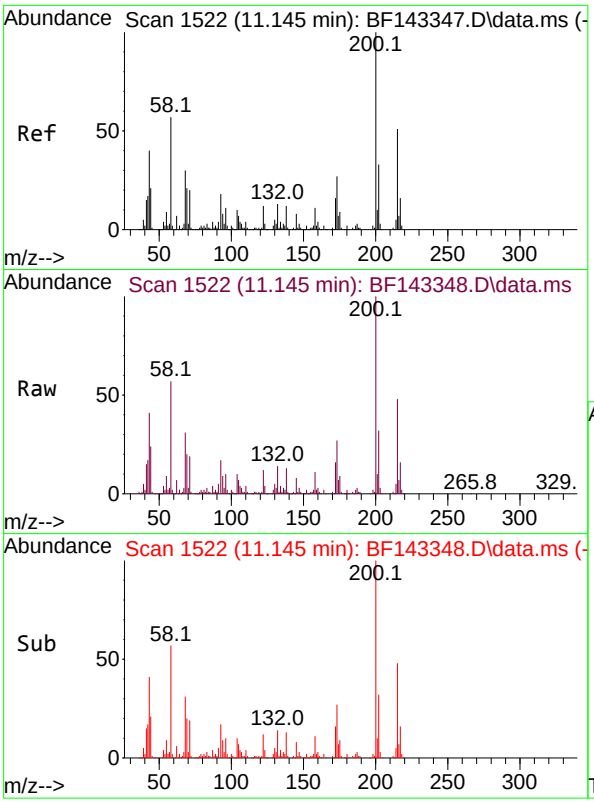


#68
Hexachlorobenzene
Concen: 48.079 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:284 Resp: 291915

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.7	38.5
249	31.6	24.6	37.0



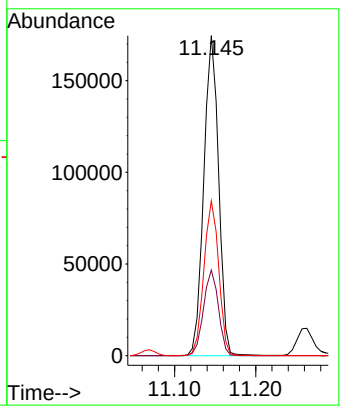


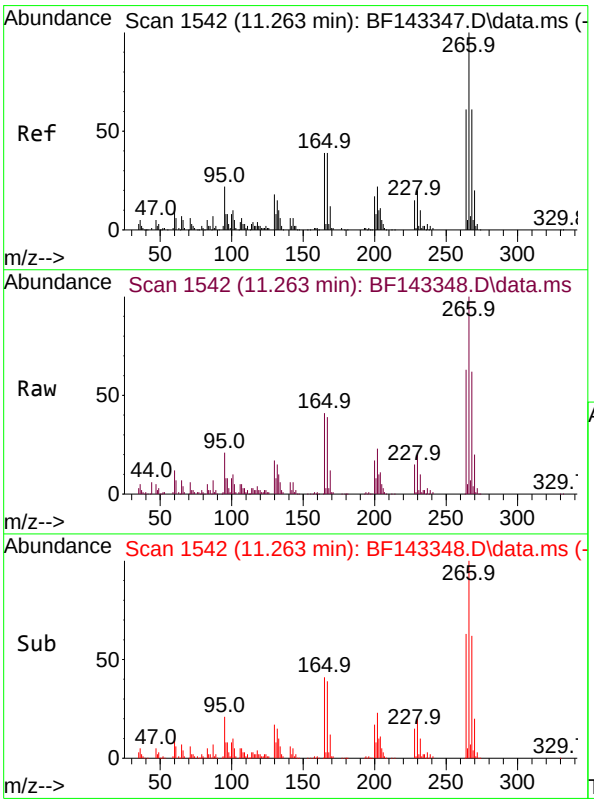
#69
Atrazine
Concen: 52.254 ng
RT: 11.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 221025

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	48.4	30.6	70.6

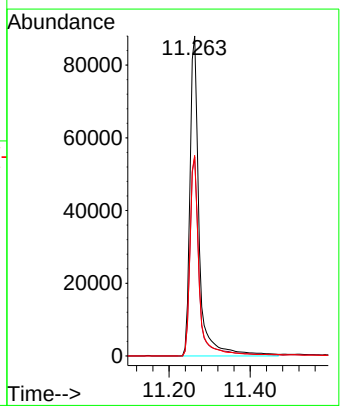


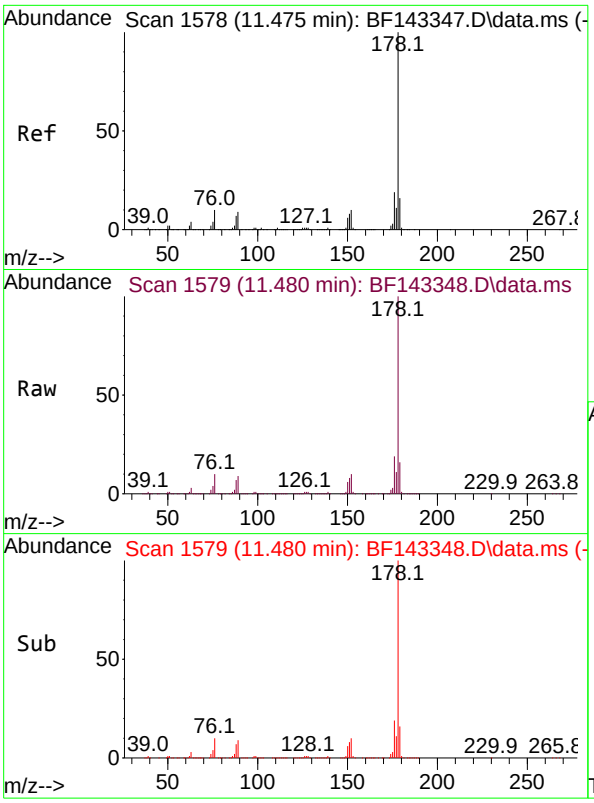


#70
Pentachlorophenol
Concen: 49.342 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:266 Resp: 139359

Ion	Ratio	Lower	Upper
266	100		
268	62.2	48.8	73.2
264	62.6	48.8	73.2



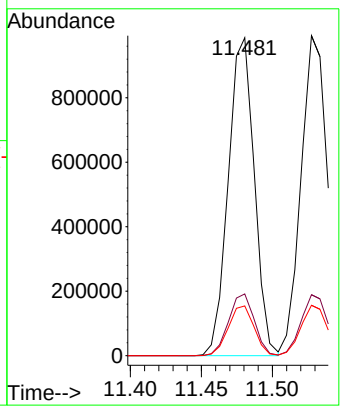


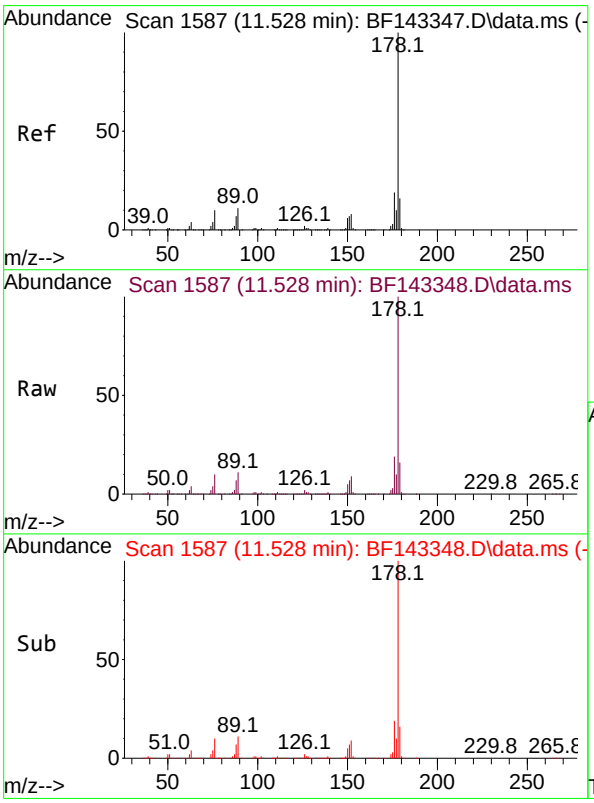
#71
Phenanthrene
Concen: 46.830 ng
RT: 11.480 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1258386

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.5	18.7

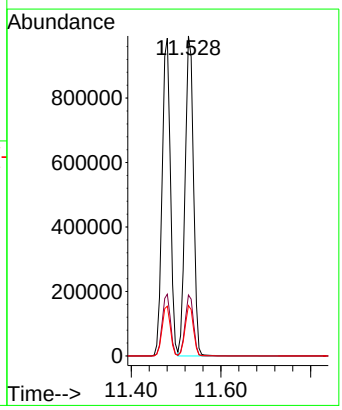


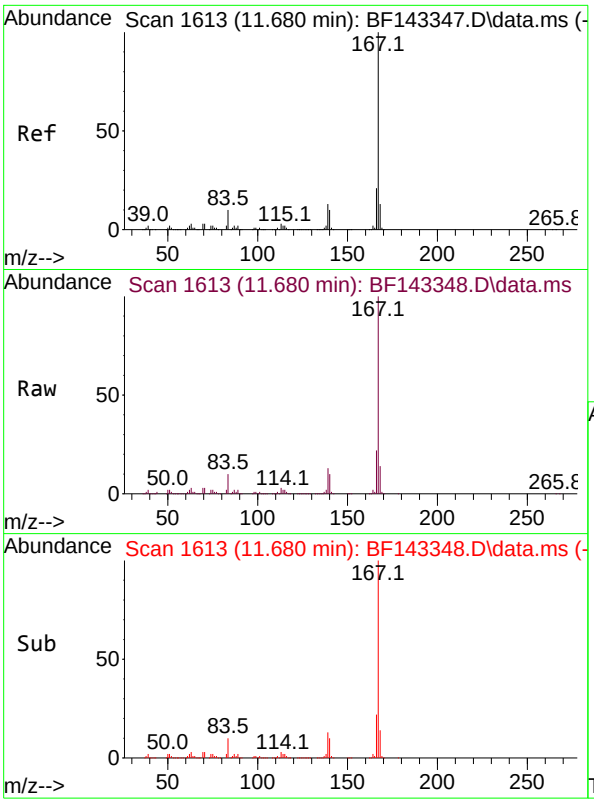


#72
Anthracene
Concen: 47.123 ng
RT: 11.528 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:178 Resp: 1284165

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.8	12.7	19.1



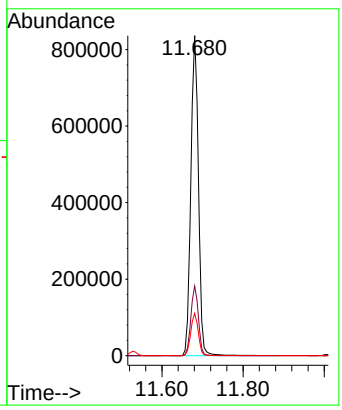


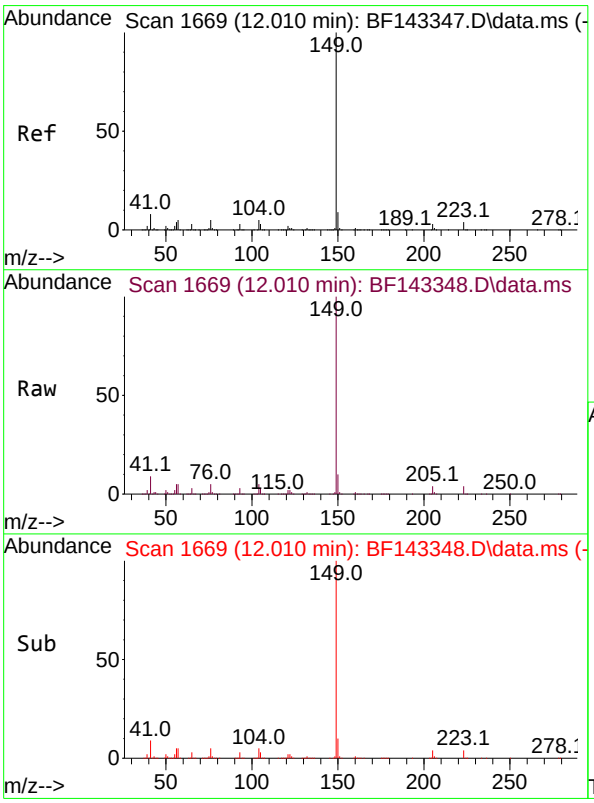
#73
Carbazole
Concen: 46.654 ng
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 1082772

Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.8	25.2
139	13.2	10.2	15.2

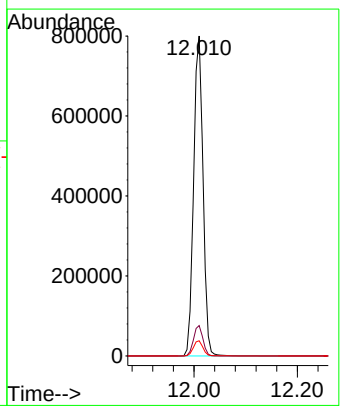


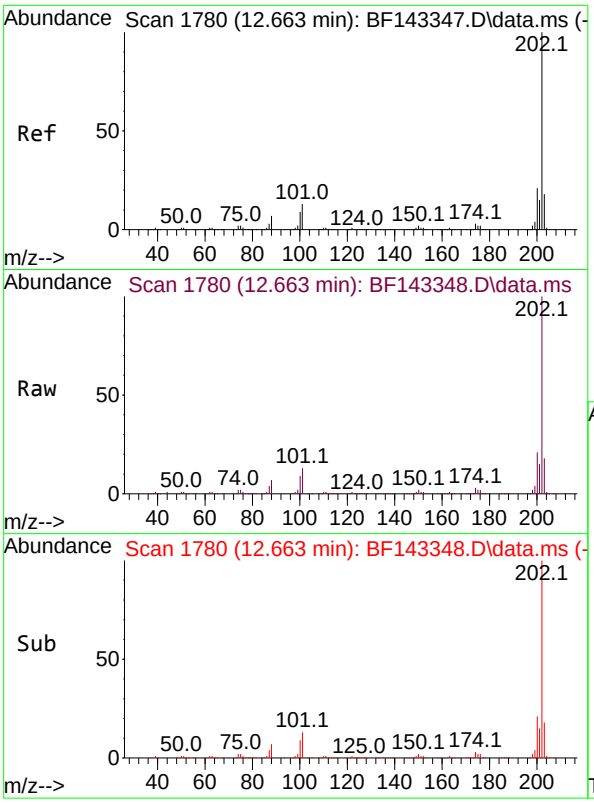


#74
Di-n-butylphthalate
Concen: 51.345 ng
RT: 12.010 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:149 Resp: 1008389

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	4.8	3.8	5.8



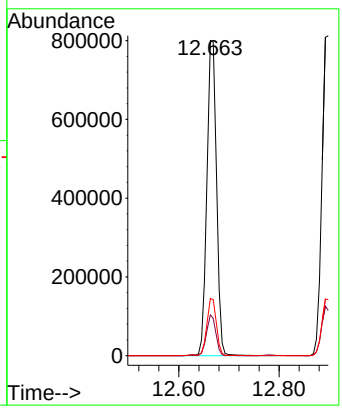


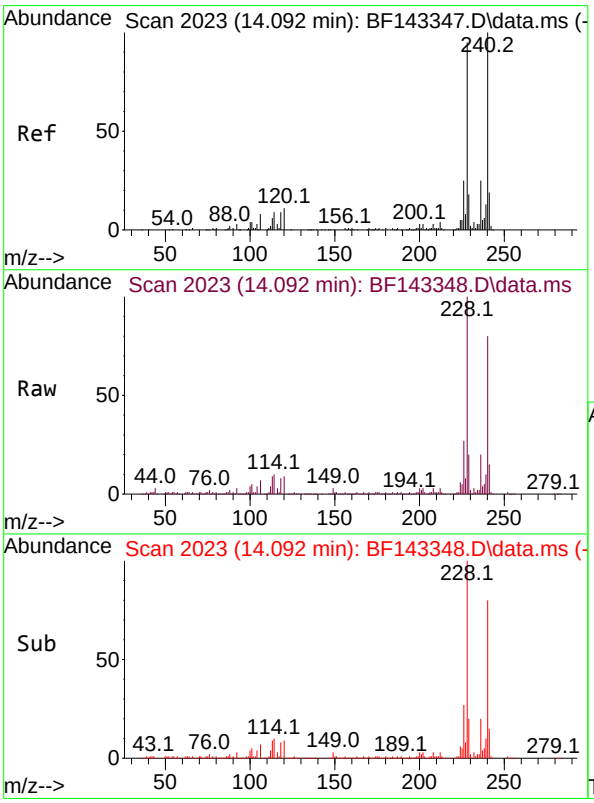
#75
Fluoranthene
Concen: 45.641 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 1074315

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	18.1	0.0	37.6

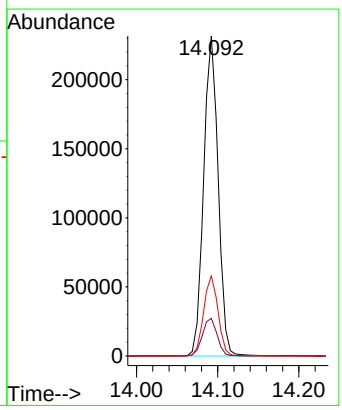


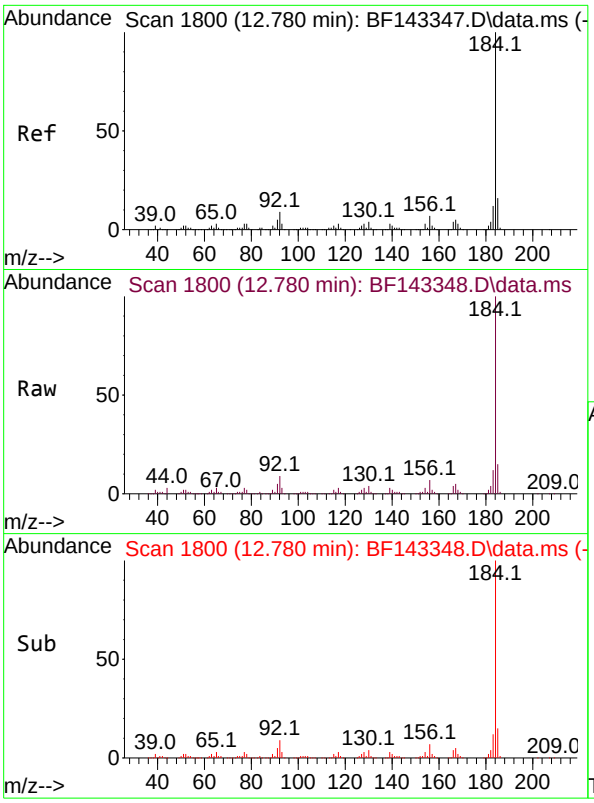


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:240 Resp: 286106

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.6
236	25.0	19.9	29.9



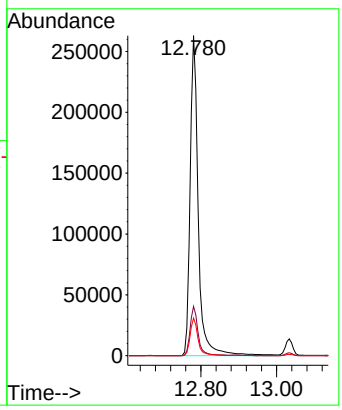


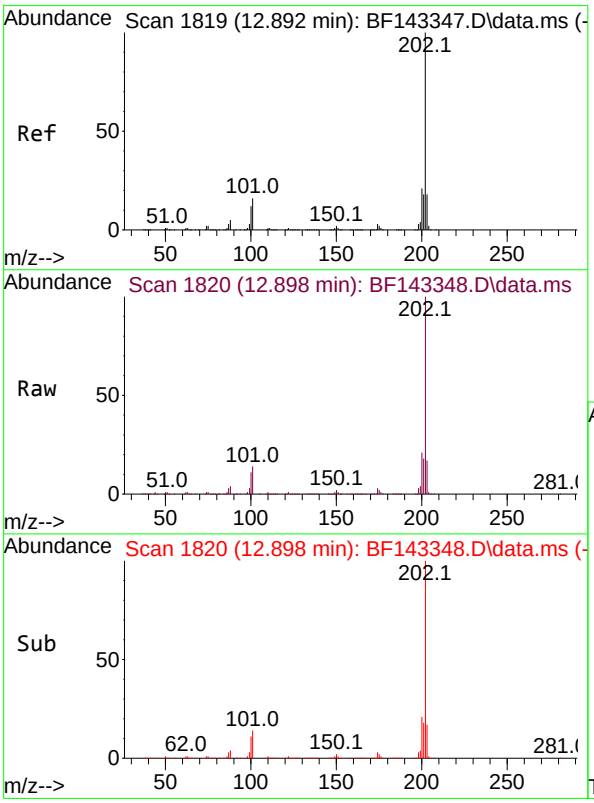
#77
Benzidine
Concen: 50.186 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 392548

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.8	19.2
183	11.7	9.3	13.9

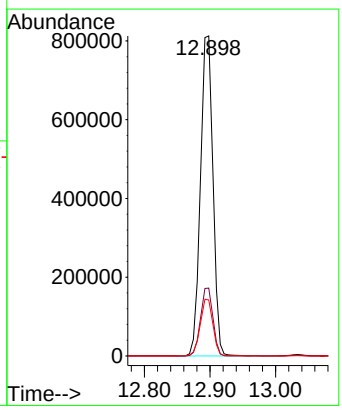


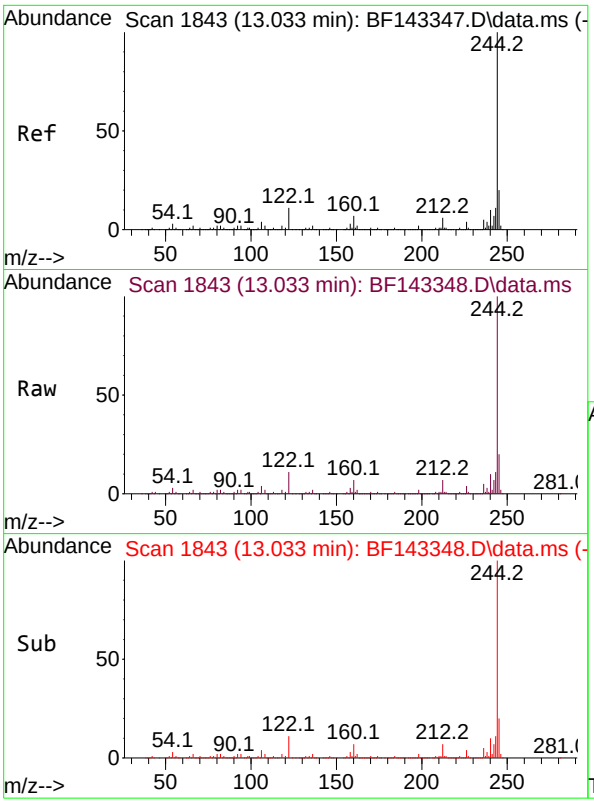


#78
Pyrene
Concen: 45.078 ng
RT: 12.898 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:202 Resp: 1081940

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.5	14.2	21.4



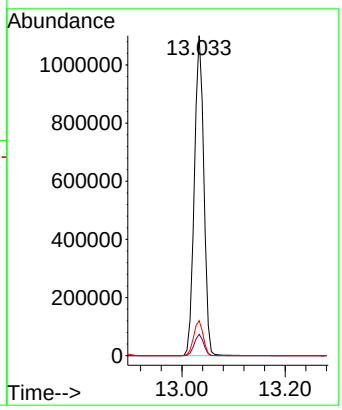


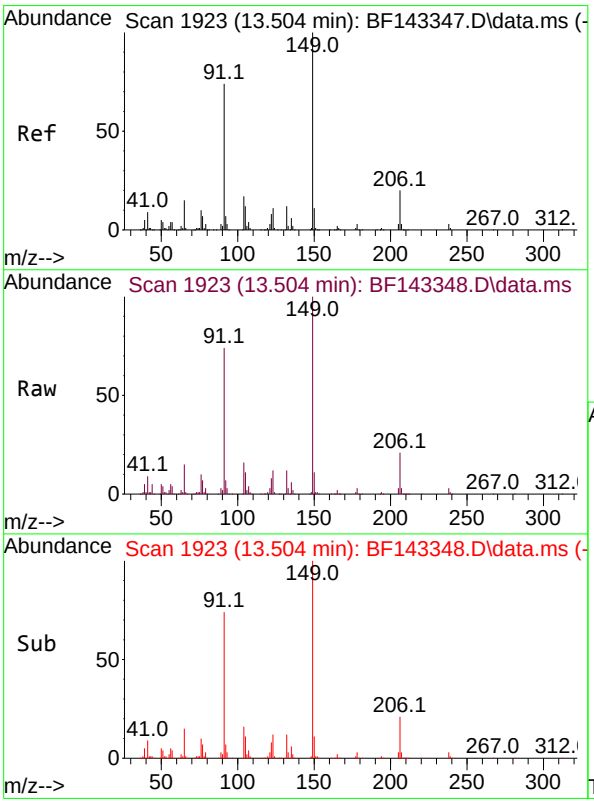
#79
Terphenyl-d14
Concen: 87.090 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 1395642

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.1	7.7
122	10.9	8.9	13.3

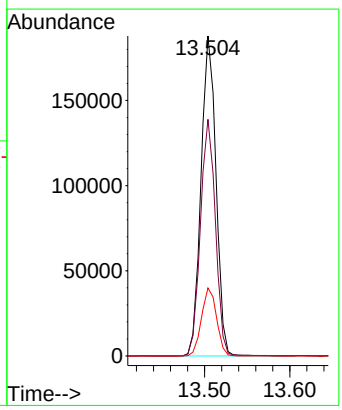


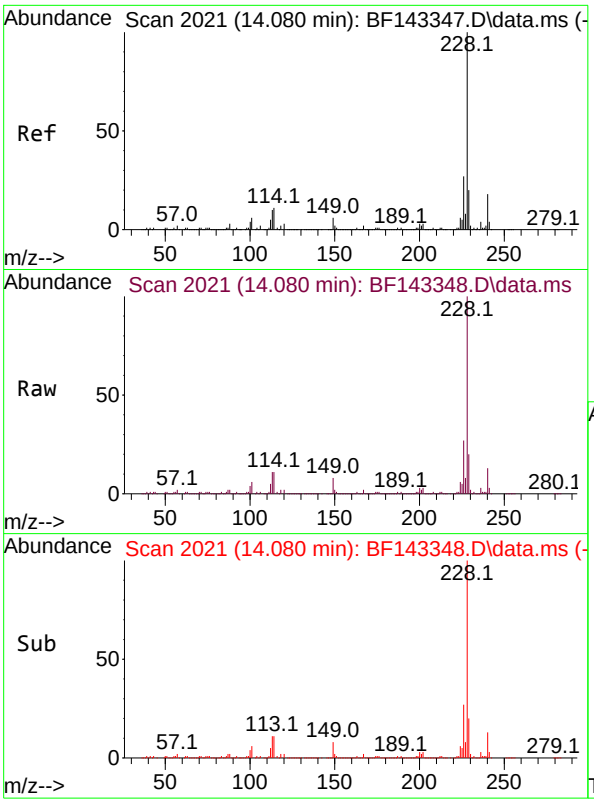


#80
Butylbenzylphthalate
Concen: 48.268 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:149 Resp: 229034

Ion	Ratio	Lower	Upper
149	100		
91	73.9	58.8	88.2
206	21.3	16.4	24.6



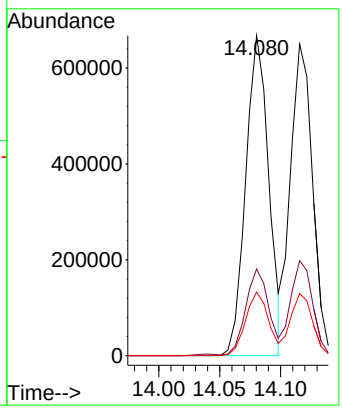


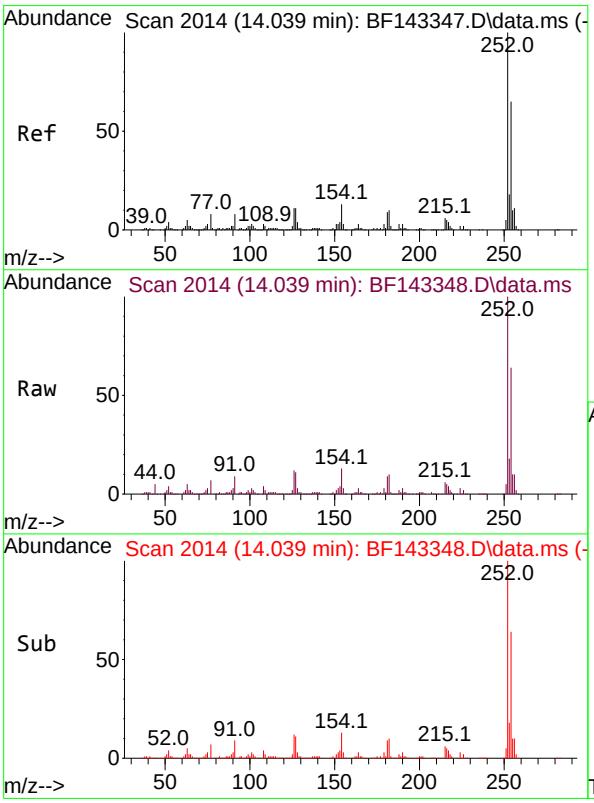
#81
Benzo(a)anthracene
Concen: 48.327 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 878814

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.0	33.0
229	19.9	15.8	23.8

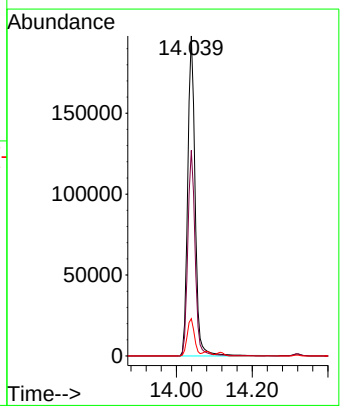


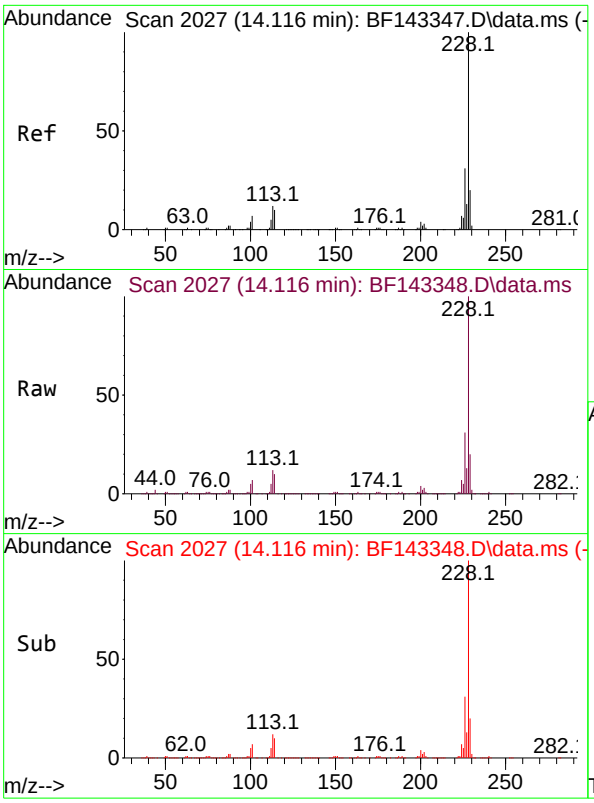


#82
3,3'-Dichlorobenzidine
Concen: 54.417 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:252 Resp: 267204

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.7	77.5
126	11.7	9.2	13.8



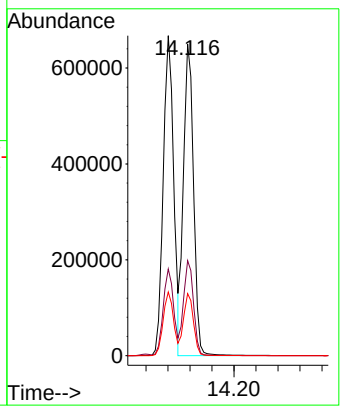


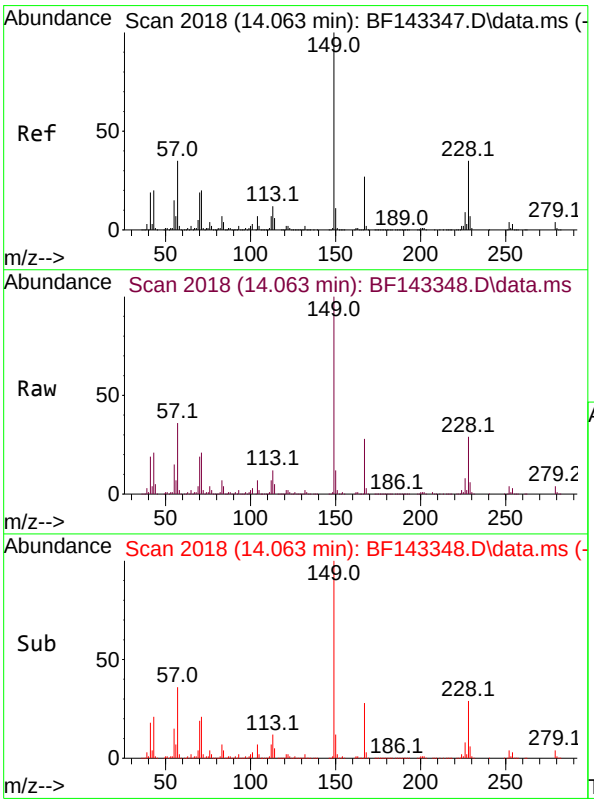
#83
Chrysene
Concen: 49.049 ng
RT: 14.116 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 831682

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.9	15.8	23.6

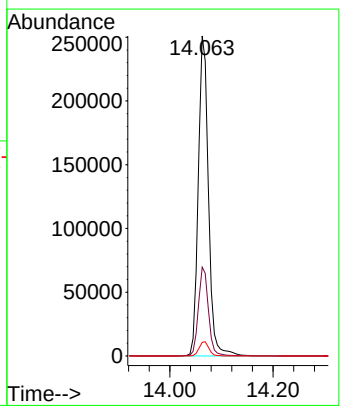


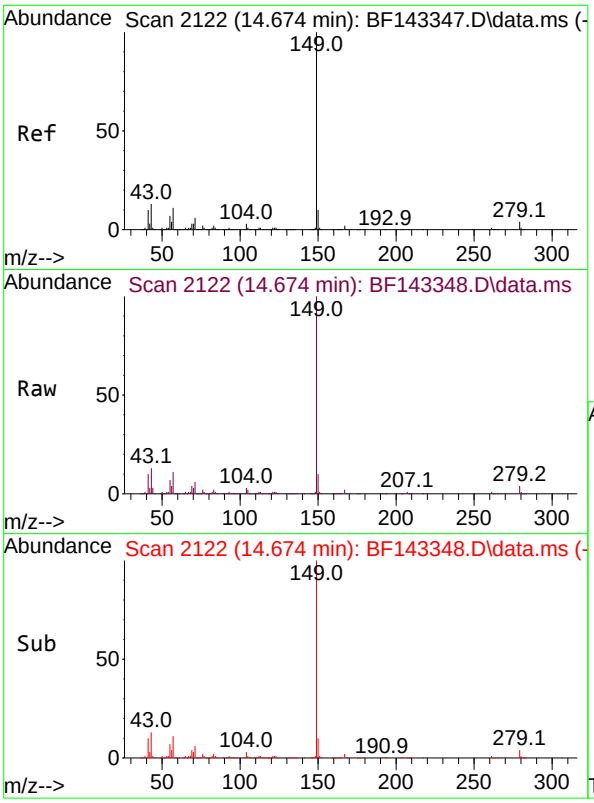


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.921 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:149 Resp: 341876

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.4	32.0
279	4.3	3.2	4.8



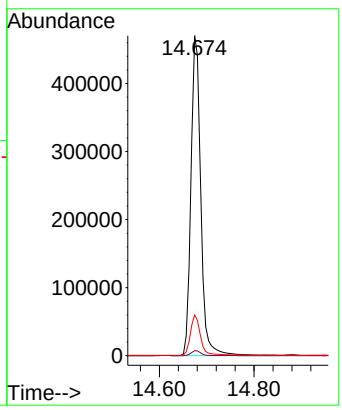


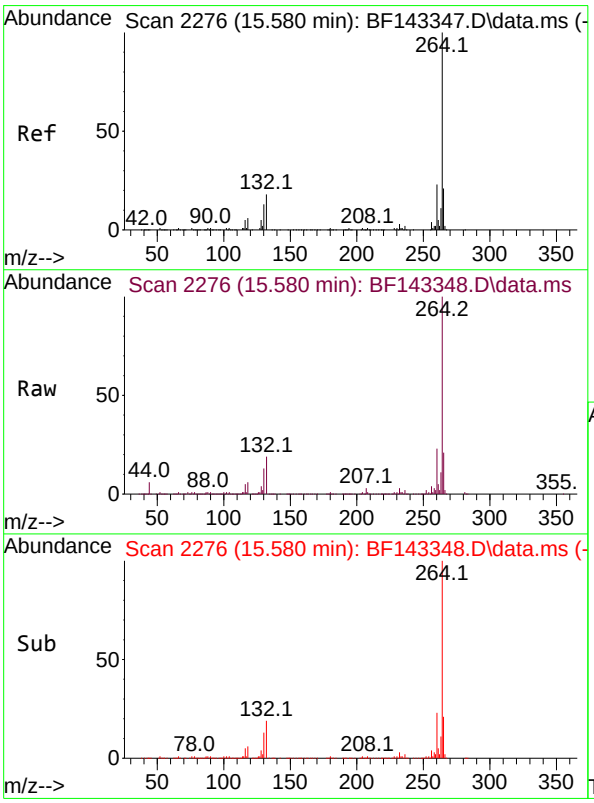
#85
Di-n-octyl phthalate
Concen: 48.572 ng
RT: 14.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 675816

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.1	10.8	16.2

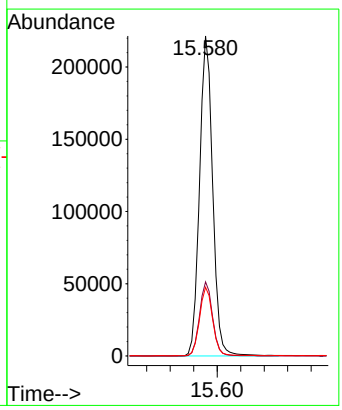


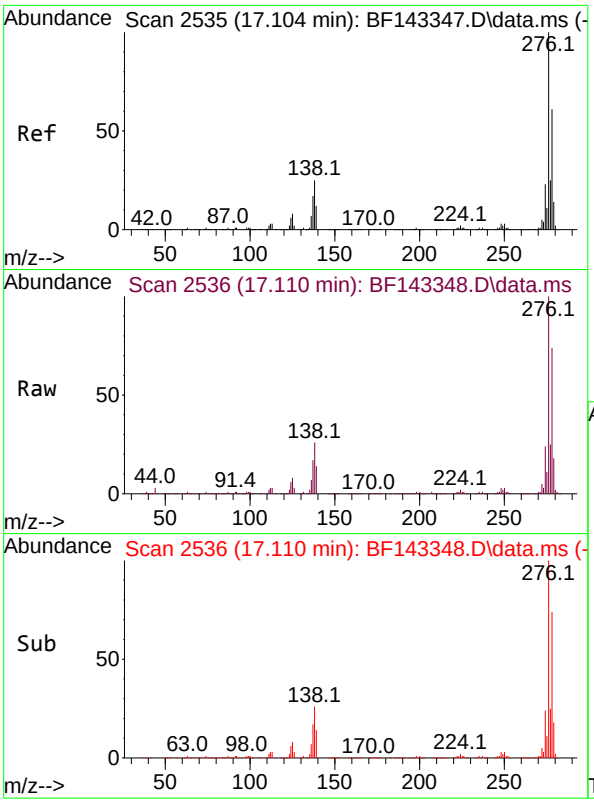


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:264 Resp: 342458

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.4	17.2	25.8



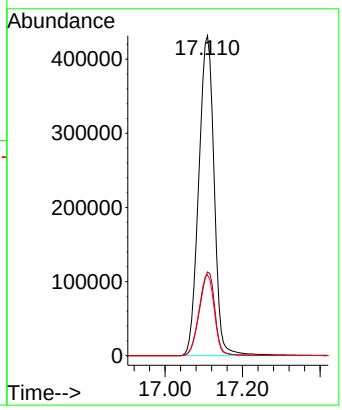


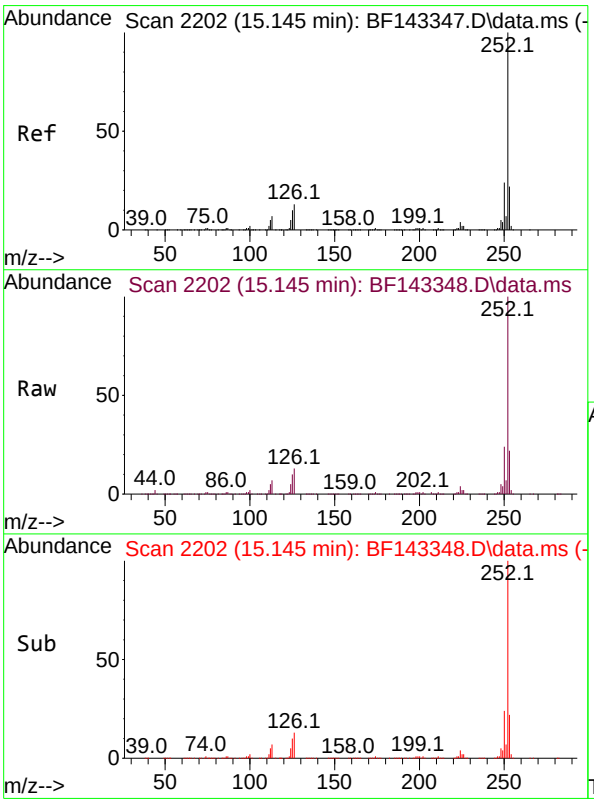
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.566 ng
RT: 17.110 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 1191556

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.1	31.7
277	25.4	20.2	30.2

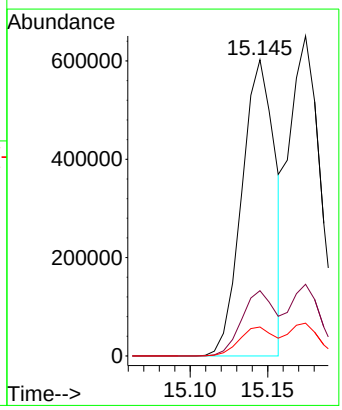


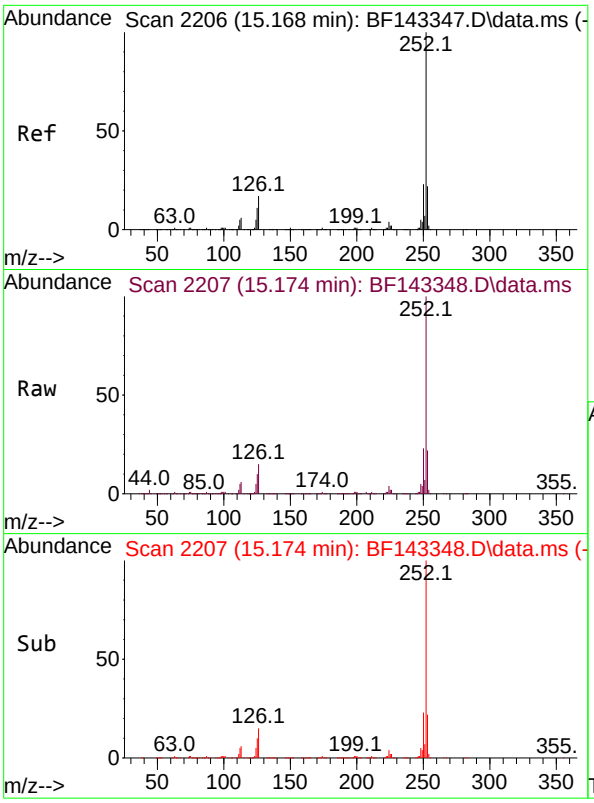


#88
Benzo(b)fluoranthene
Concen: 47.812 ng
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:252 Resp: 895570

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.8	7.8	11.6



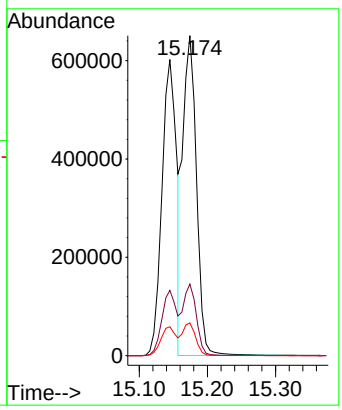


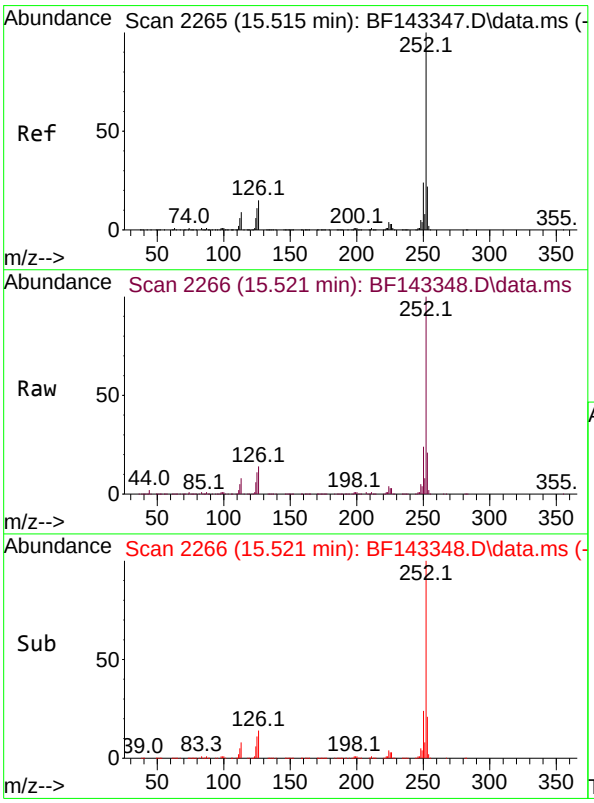
#89
Benzo(k)fluoranthene
Concen: 49.555 ng
RT: 15.174 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 901937

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.3	8.4	12.6

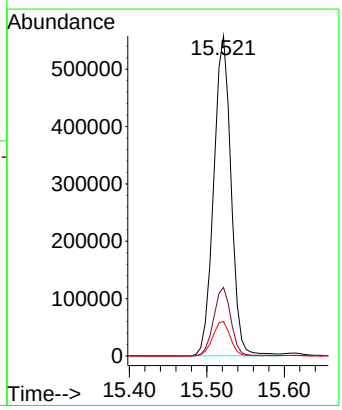


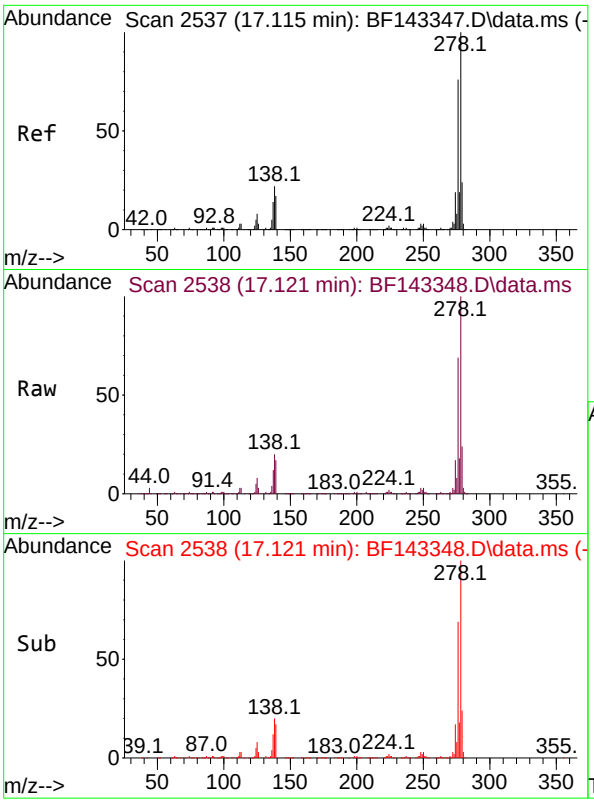


#90
Benzo(a)pyrene
Concen: 49.098 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:252 Resp: 866161

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	10.7	9.1	13.7



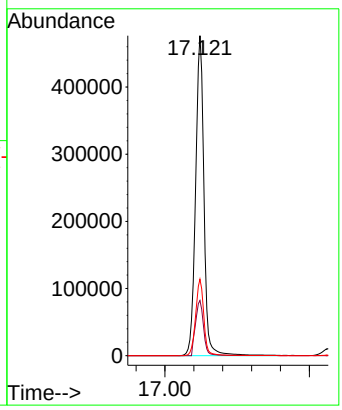


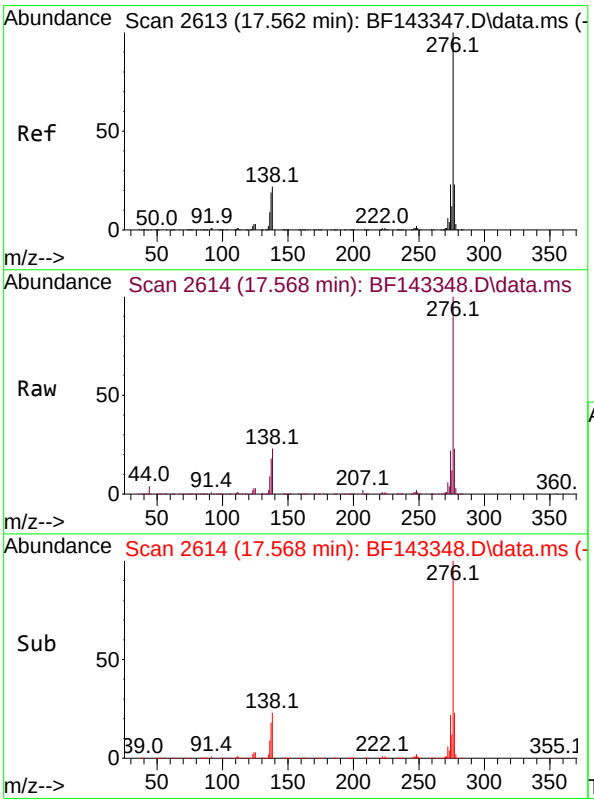
#91
Dibenzo(a,h)anthracene
Concen: 48.855 ng
RT: 17.121 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 957602

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.0	21.0
279	23.9	19.4	29.0

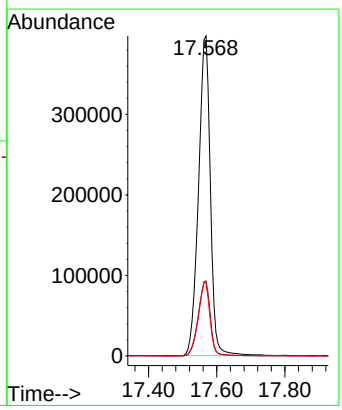




#92
Benzo(g,h,i)perylene
Concen: 48.732 ng
RT: 17.568 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:276 Resp: 962236

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	22.6	17.8	26.8



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143349.D
Acq On : 12 Aug 2025 12:07
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 12 13:20:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.934	152	161554	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	611608	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	320321	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	460173	20.000	ng		0.00
76) Chrysene-d12	14.092	240	273246	20.000	ng		0.00
86) Perylene-d12	15.586	264	337675	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	1115976	119.453	ng		0.00
7) Phenol-d6	6.569	99	1429946	119.357	ng		0.00
23) Nitrobenzene-d5	7.492	82	1251642	127.441	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	314370	134.290	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	2021003	106.990	ng		0.00
79) Terphenyl-d14	13.033	244	1568868	102.507	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	296653	61.364	ng		100
3) Pyridine	3.534	79	808240	62.740	ng		99
4) n-Nitrosodimethylamine	3.481	42	375923	62.645	ng		99
6) Aniline	6.592	93	996754	59.015	ng	#	88
8) 2-Chlorophenol	6.722	128	616100	61.717	ng		98
9) Benzaldehyde	6.481	77	387880	48.985	ng		100
10) Phenol	6.581	94	840504	59.221	ng		91
11) bis(2-Chloroethyl)ether	6.663	93	619725	59.247	ng		99
12) 1,3-Dichlorobenzene	6.875	146	671800	58.344	ng		99
13) 1,4-Dichlorobenzene	6.951	146	661936	57.278	ng		100
14) 1,2-Dichlorobenzene	7.104	146	634447	57.835	ng		100
15) Benzyl Alcohol	7.075	79	531507	61.891	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1077772	57.714	ng		93
17) 2-Methylphenol	7.186	107	513134	60.895	ng		98
18) Hexachloroethane	7.445	117	225784	62.318	ng		100
19) n-Nitroso-di-n-propyla...	7.345	70	423943	57.269	ng		99
20) 3+4-Methylphenols	7.339	107	594674	58.354	ng		99
22) Acetophenone	7.339	105	765201	56.784	ng		98
24) Nitrobenzene	7.516	77	672780	63.075	ng		99
25) Isophorone	7.751	82	1195220	59.613	ng		99
26) 2-Nitrophenol	7.828	139	276412	63.401	ng		100
27) 2,4-Dimethylphenol	7.863	122	522594	62.476	ng		100
28) bis(2-Chloroethoxy)met...	7.957	93	726373	59.338	ng		99
29) 2,4-Dichlorophenol	8.075	162	512513	62.732	ng		99
30) 1,2,4-Trichlorobenzene	8.157	180	510824	59.275	ng		99
31) Naphthalene	8.239	128	1682766	57.179	ng		100
32) Benzoic acid	7.986	122	248714	62.282	ng		99
33) 4-Chloroaniline	8.281	127	632256	59.564	ng		99
34) Hexachlorobutadiene	8.357	225	314445	58.655	ng		99
35) Caprolactam	8.657	113	148587	64.696	ng		96
36) 4-Chloro-3-methylphenol	8.763	107	525032	61.301	ng		99
37) 2-Methylnaphthalene	8.928	142	1088275	56.249	ng		98
38) 1-Methylnaphthalene	9.028	142	1052909	56.505	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	516108	58.880	ng		99
41) Hexachlorocyclopentadiene	9.080	237	184941	61.485	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	330076	66.369	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143349.D
Acq On : 12 Aug 2025 12:07
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 12 13:20:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	355498	63.299	ng		98
46) 1,1'-Biphenyl	9.392	154	1282862	56.642	ng		99
47) 2-Chloronaphthalene	9.416	162	1038548	58.223	ng		99
48) 2-Nitroaniline	9.504	65	322909	61.917	ng		98
49) Acenaphthylene	9.828	152	1481001	57.494	ng		99
50) Dimethylphthalate	9.680	163	1125050	60.109	ng		99
51) 2,6-Dinitrotoluene	9.745	165	224724	62.496	ng		99
52) Acenaphthene	10.004	154	977067	57.055	ng		99
53) 3-Nitroaniline	9.916	138	270085	70.462	ng		99
54) 2,4-Dinitrophenol	10.022	184	82451	62.319	ng	#	77
55) Dibenzofuran	10.175	168	1389556	56.379	ng		99
56) 4-Nitrophenol	10.075	139	186307	62.130	ng		99
57) 2,4-Dinitrotoluene	10.151	165	295520	61.944	ng		95
58) Fluorene	10.516	166	1046138	55.570	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	265201	70.050	ng		99
60) Diethylphthalate	10.386	149	990716	59.094	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	515436	56.664	ng		99
62) 4-Nitroaniline	10.527	138	242938	65.508	ng		98
63) Azobenzene	10.669	77	1104323	57.669	ng		98
65) 4,6-Dinitro-2-methylph...	10.563	198	119734	61.844	ng		98
66) n-Nitrosodiphenylamine	10.622	169	898967	59.328	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	318696	60.555	ng		98
68) Hexachlorobenzene	11.069	284	341976	60.282	ng		100
69) Atrazine	11.145	200	250602	63.410	ng		98
70) Pentachlorophenol	11.263	266	165675	61.169	ng		98
71) Phenanthrene	11.480	178	1426848	56.831	ng		99
72) Anthracene	11.533	178	1459751	57.330	ng		100
73) Carbazole	11.680	167	1232939	56.857	ng		99
74) Di-n-butylphthalate	12.010	149	1127365	61.437	ng		100
75) Fluoranthene	12.669	202	1181812	53.737	ng		99
77) Benzidine	12.780	184	419198	56.115	ng		99
78) Pyrene	12.898	202	1196849	52.212	ng		100
80) Butylbenzylphthalate	13.504	149	283998	61.669	ng		98
81) Benzo(a)anthracene	14.080	228	1072649	61.763	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	313084	66.762	ng		99
83) Chrysene	14.121	228	937047	57.863	ng		100
84) Bis(2-ethylhexyl)phtha...	14.068	149	426553	62.688	ng		98
85) Di-n-octyl phthalate	14.680	149	856960	62.516	ng		99
87) Indeno(1,2,3-cd)pyrene	17.115	276	1462168	60.440	ng		100
88) Benzo(b)fluoranthene	15.145	252	1161807	62.905	ng		99
89) Benzo(k)fluoranthene	15.180	252	1035022	57.673	ng		99
90) Benzo(a)pyrene	15.521	252	1052580	60.510	ng		100
91) Dibenzo(a,h)anthracene	17.127	278	1170363	60.556	ng		99
92) Benzo(g,h,i)perylene	17.574	276	1182985	60.761	ng		99

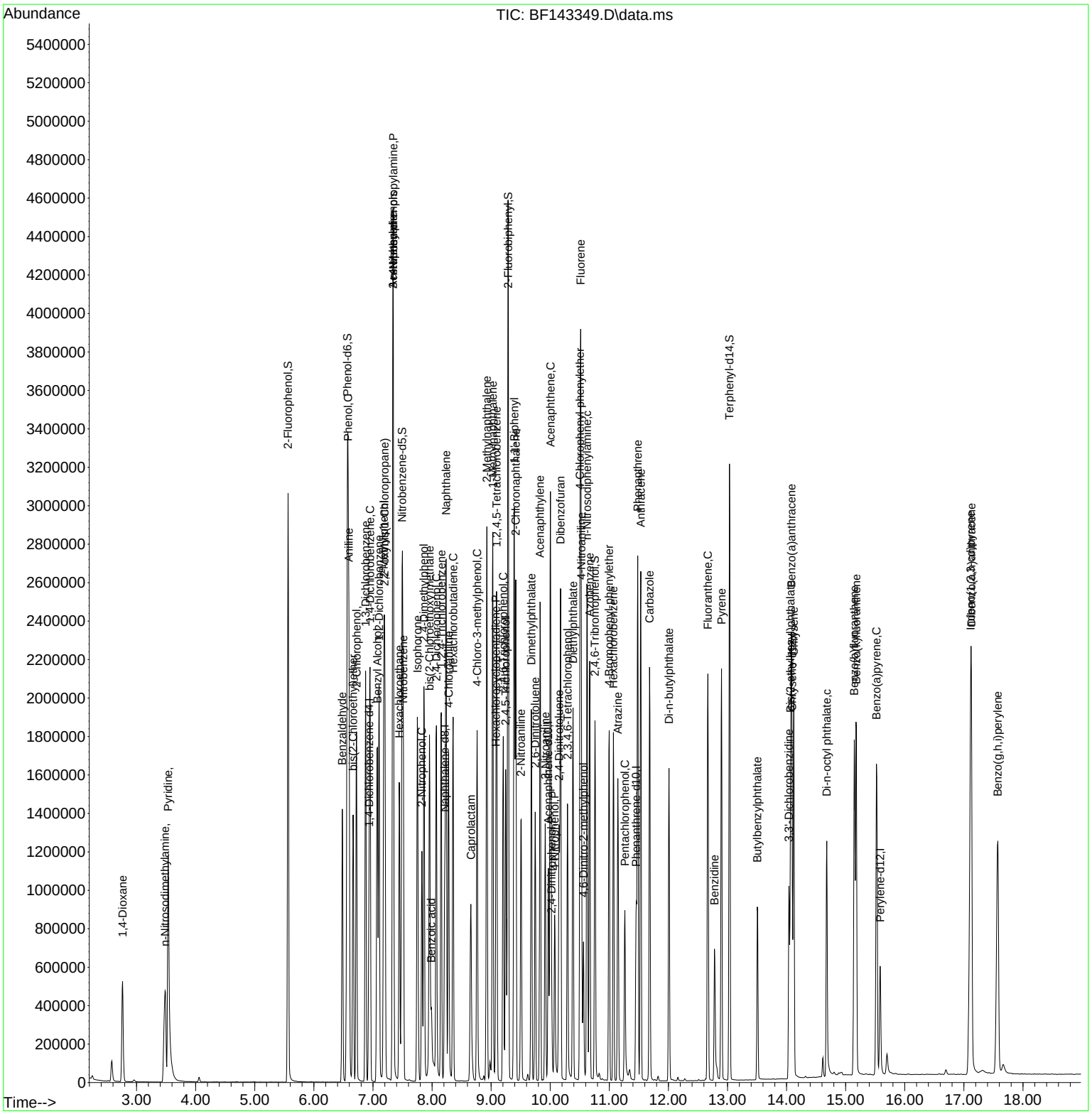
(#) = qualifier out of range (m) = manual integration (+) = signals summed

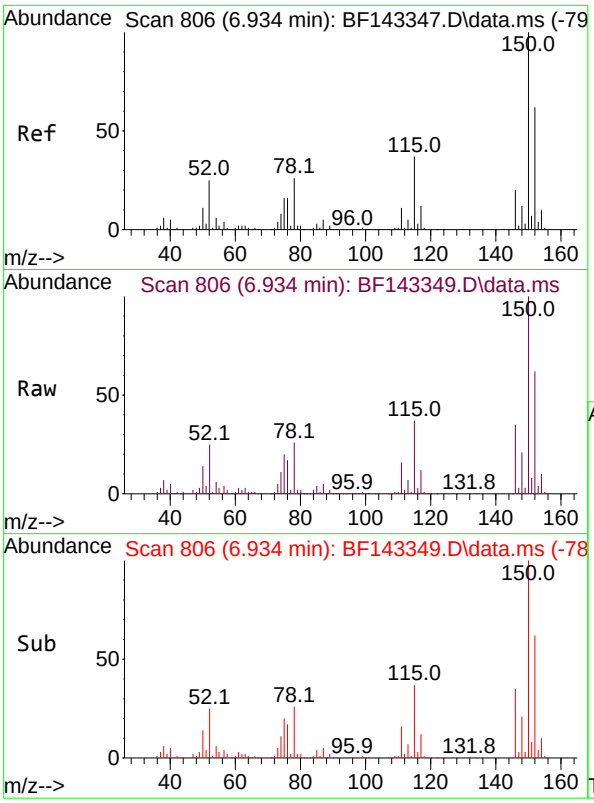
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143349.D
Acq On : 12 Aug 2025 12:07
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 12 13:20:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration



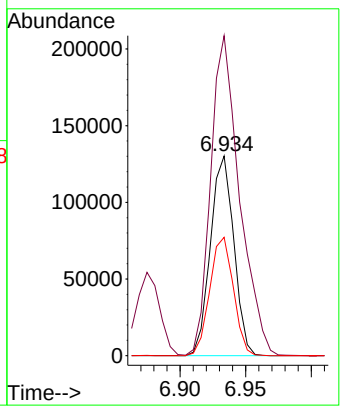


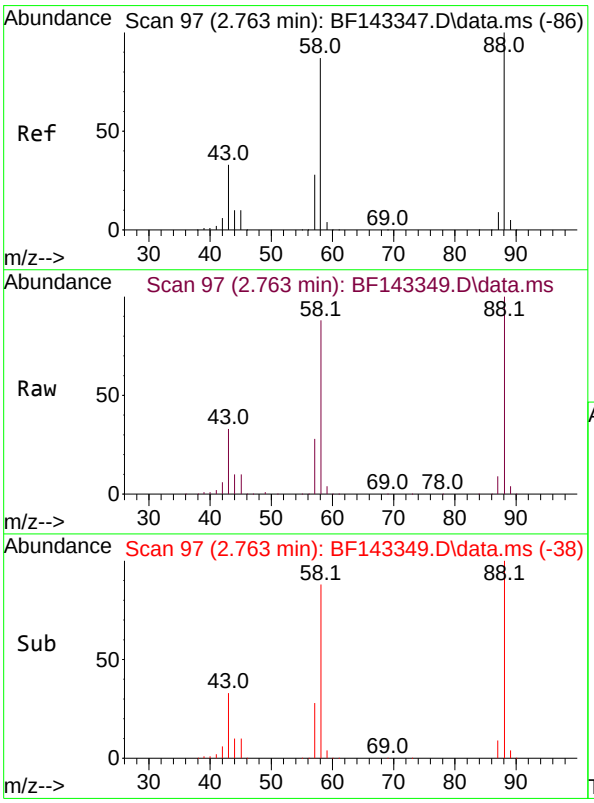
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 161554

Ion	Ratio	Lower	Upper
152	100		
150	160.3	129.8	194.8
115	59.3	47.8	71.8

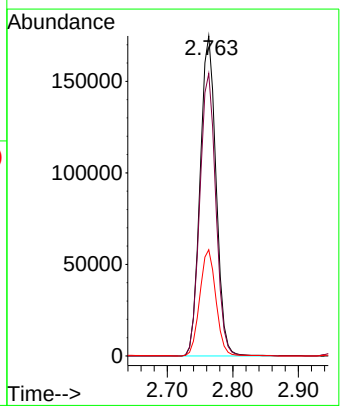


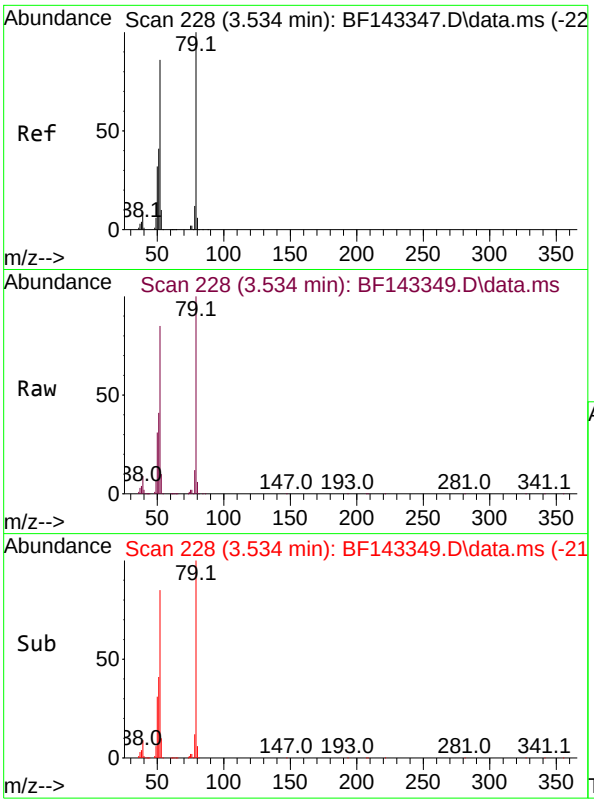


#2
1,4-Dioxane
Concen: 61.364 ng
RT: 2.763 min Scan# 97
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 88 Resp: 296653

Ion	Ratio	Lower	Upper
88	100		
58	88.5	71.0	106.6
43	33.6	27.0	40.6



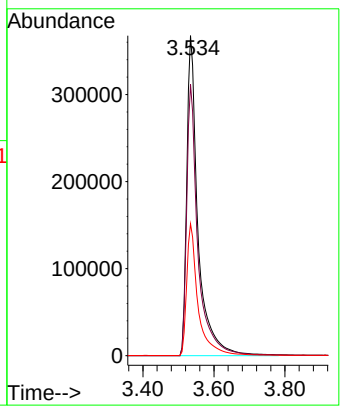


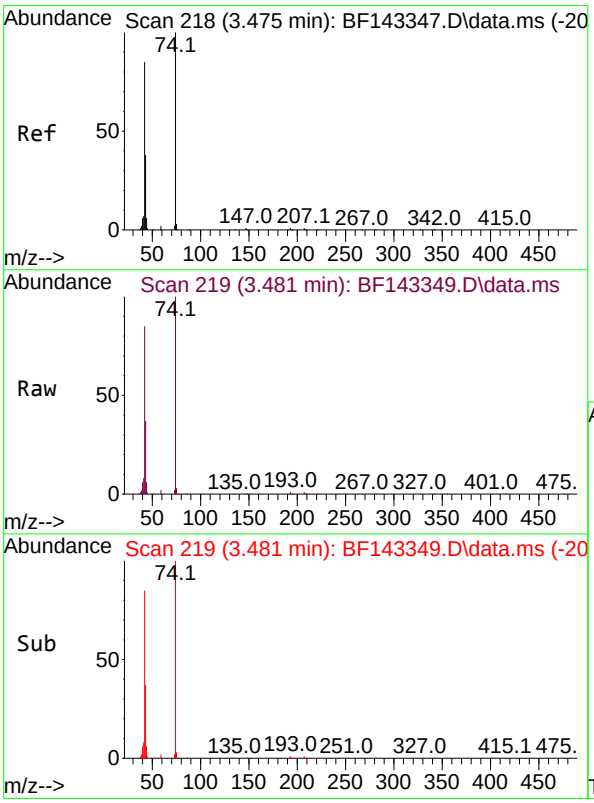
#3
Pyridine
Concen: 62.740 ng
RT: 3.534 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 808240

Ion	Ratio	Lower	Upper
79	100		
52	84.8	68.7	103.1
51	41.2	33.4	50.0

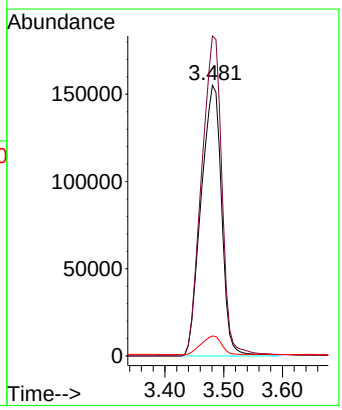


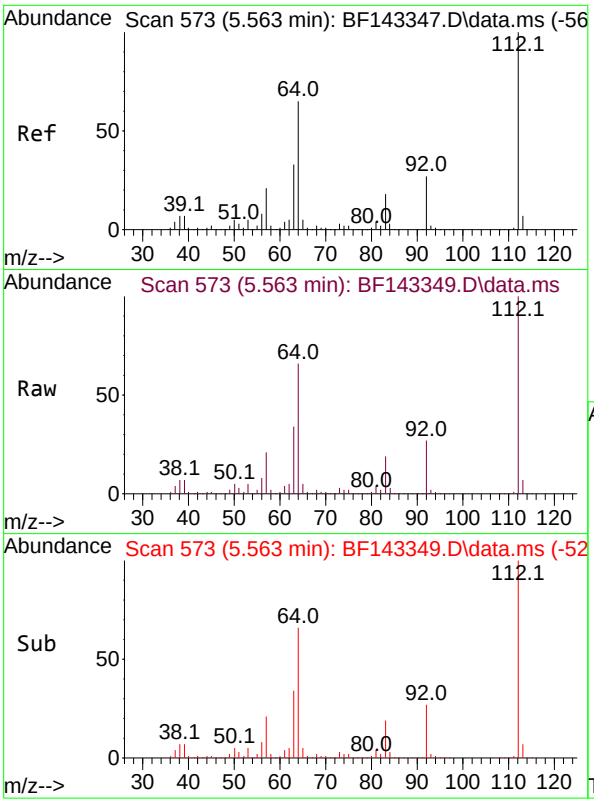


#4
n-Nitrosodimethylamine
Concen: 62.645 ng
RT: 3.481 min Scan# 219
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 42 Resp: 375923

Ion	Ratio	Lower	Upper
42	100		
74	118.2	94.1	141.1
44	7.4	6.5	9.7



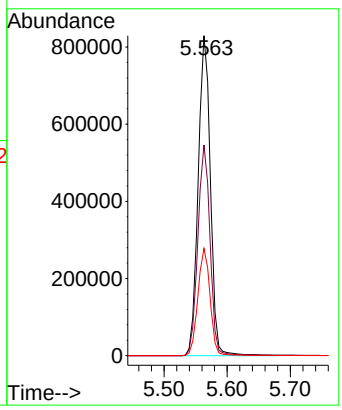


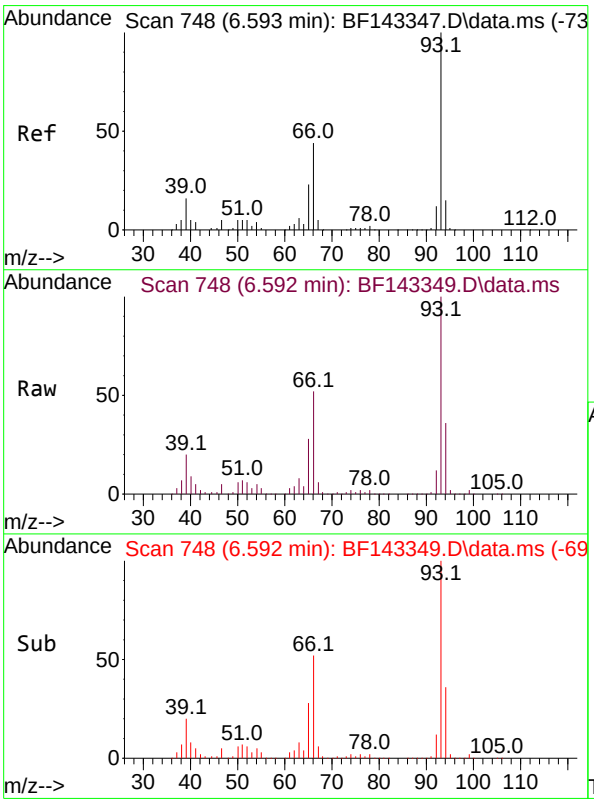
#5
2-Fluorophenol
Concen: 119.453 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1115976

Ion	Ratio	Lower	Upper
112	100		
64	65.9	52.1	78.1
63	33.5	26.6	39.8

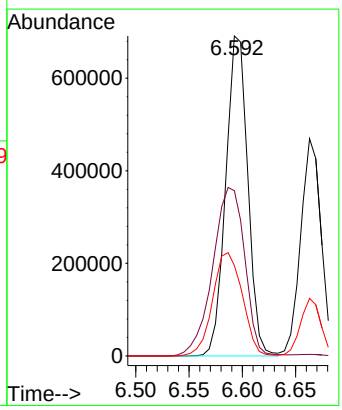


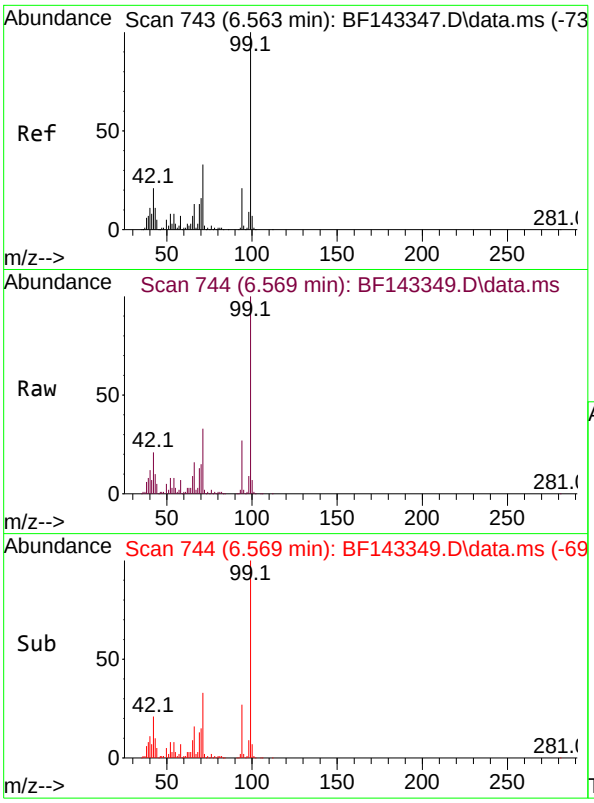


#6
Aniline
Concen: 59.015 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 93 Resp: 996754

Ion	Ratio	Lower	Upper
93	100		
66	51.6	35.3	52.9
65	28.3	18.2	27.4#



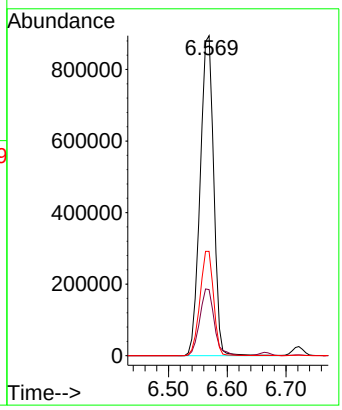


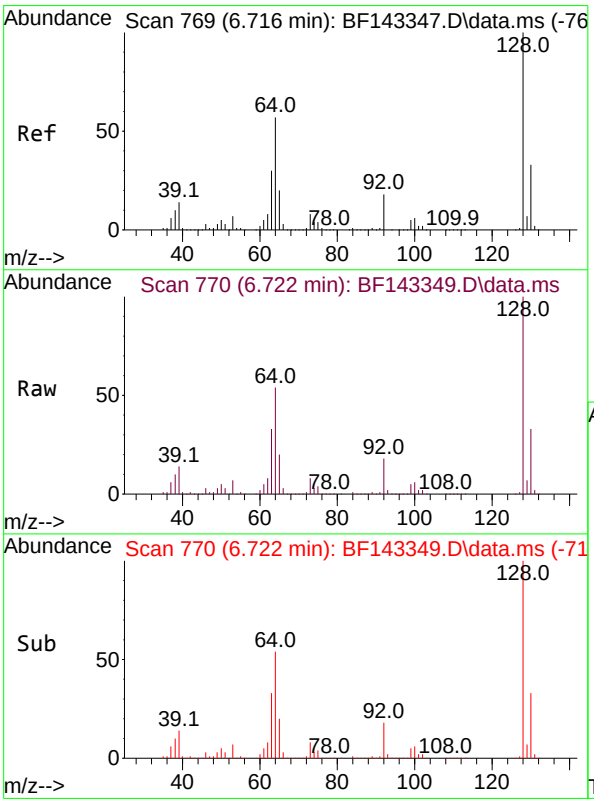
#7
Phenol-d6
Concen: 119.357 ng
RT: 6.569 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1429946

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	25.0
71	32.6	26.2	39.2

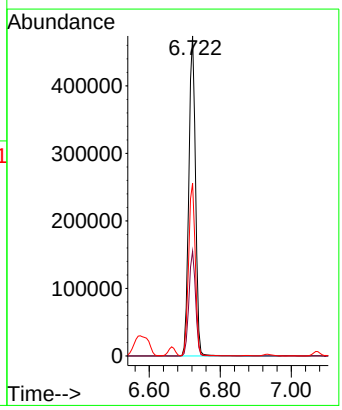


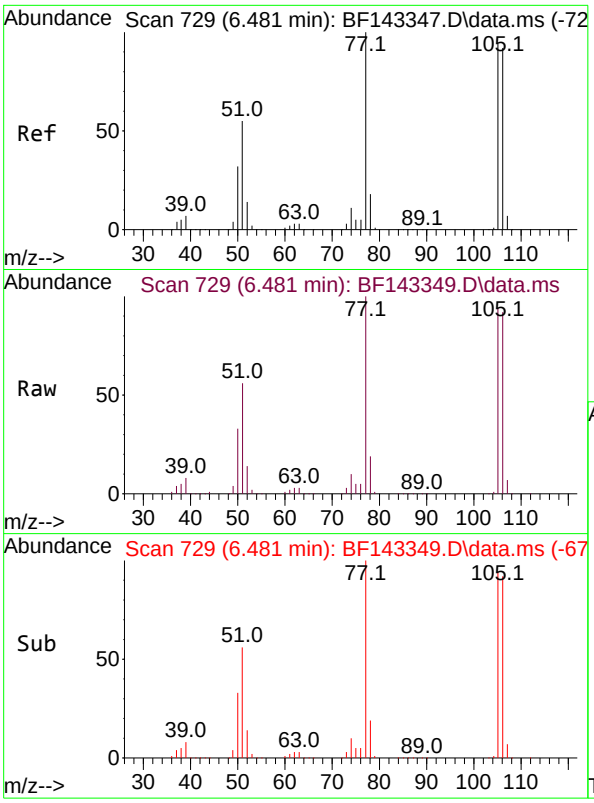


#8
2-Chlorophenol
Concen: 61.717 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:128 Resp: 616100

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	54.0	36.7	76.7



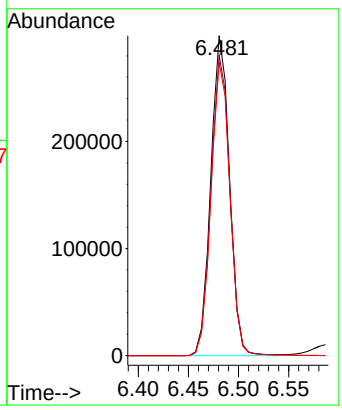


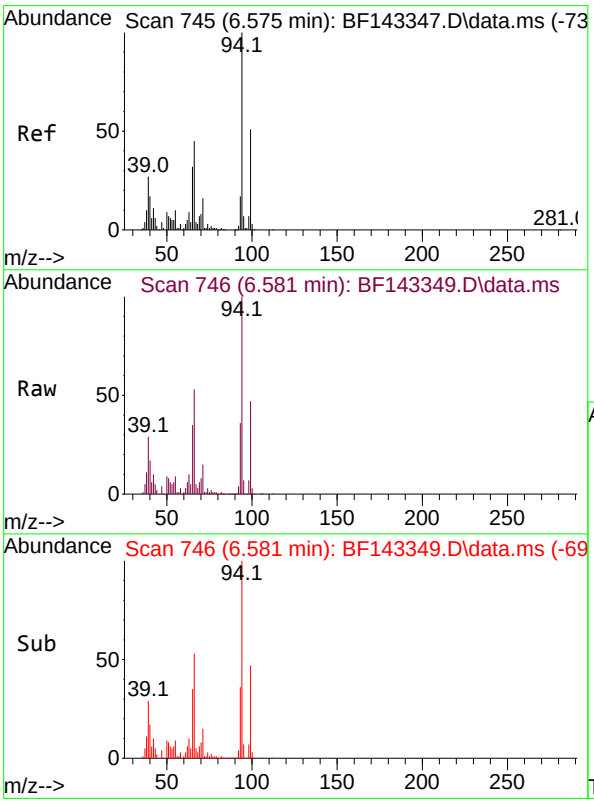
#9
Benzaldehyde
Concen: 48.985 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 387880

Ion	Ratio	Lower	Upper
77	100		
105	93.9	74.2	114.2
106	91.6	72.2	112.2

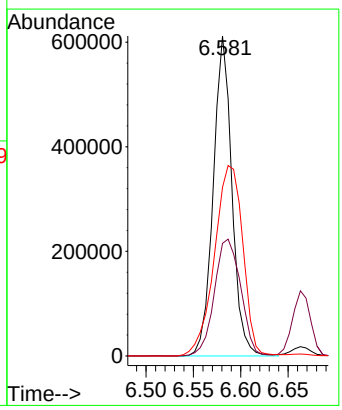


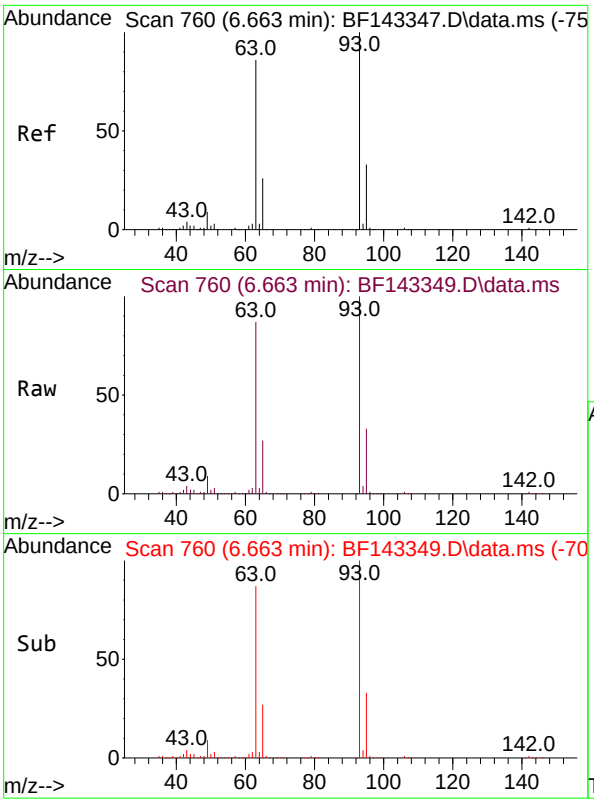


#10
Phenol
Concen: 59.221 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 94 Resp: 840504

Ion	Ratio	Lower	Upper
94	100		
65	35.2	12.0	52.0
66	52.7	25.6	65.6



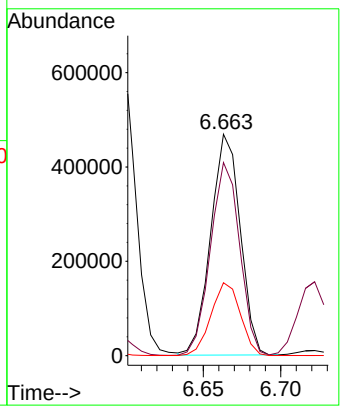


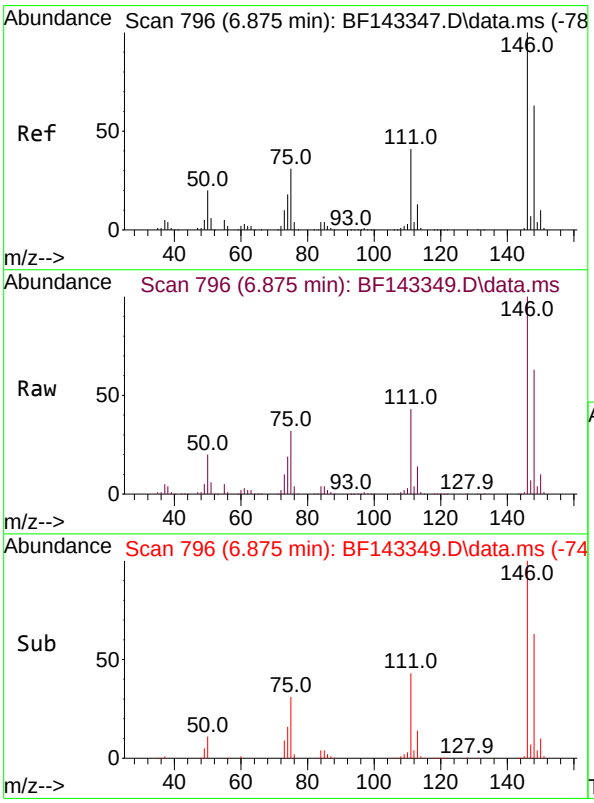
#11
bis(2-Chloroethyl)ether
Concen: 59.247 ng
RT: 6.663 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 619725

Ion	Ratio	Lower	Upper
93	100		
63	87.2	65.7	105.7
95	33.0	13.0	53.0

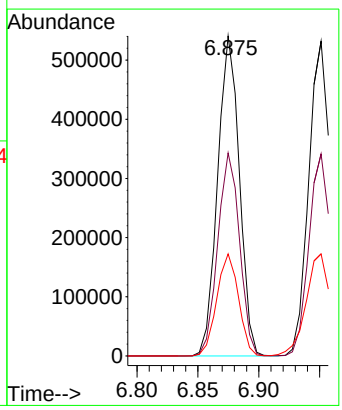


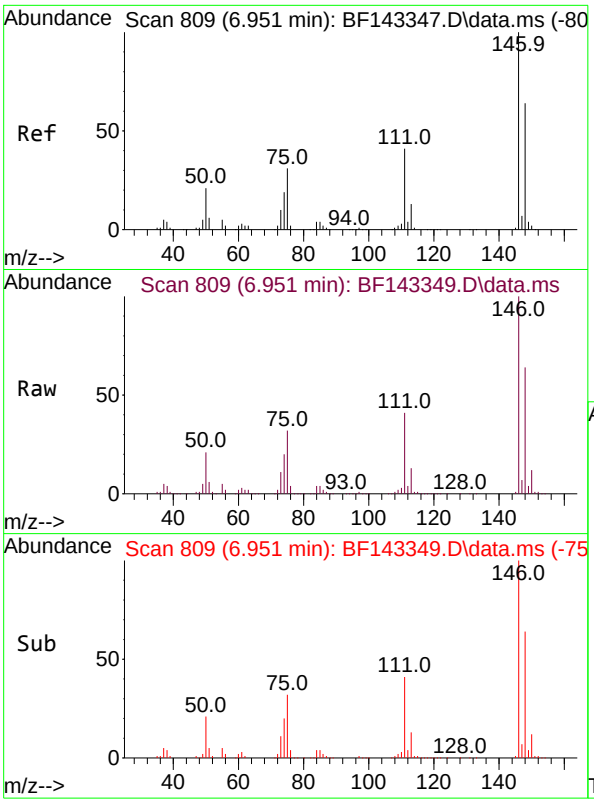


#12
1,3-Dichlorobenzene
Concen: 58.344 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:146 Resp: 671800

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
75	31.9	24.9	37.3



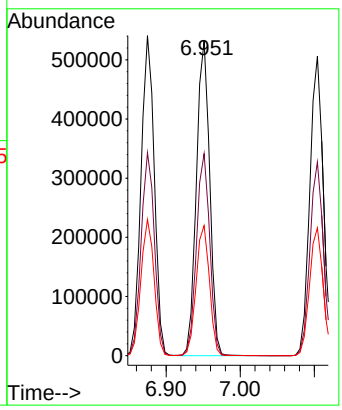


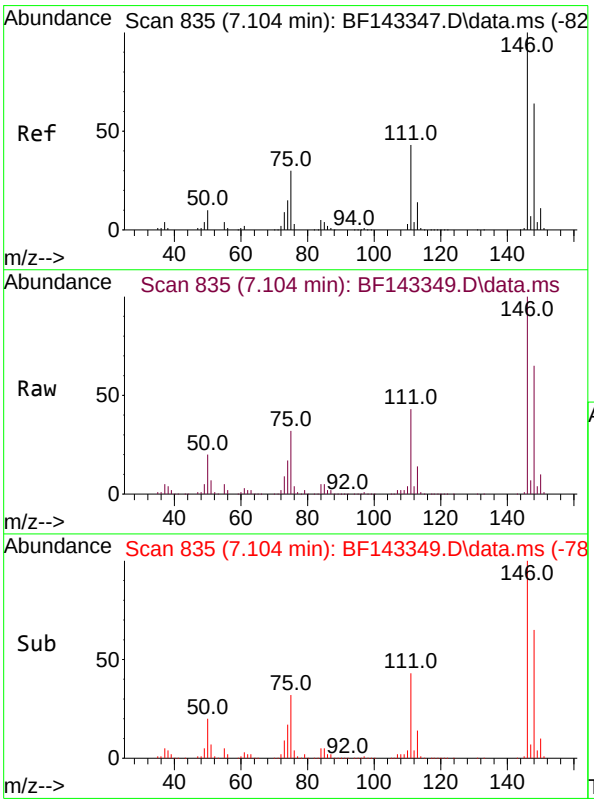
#13
1,4-Dichlorobenzene
Concen: 57.278 ng
RT: 6.951 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 661936

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	41.4	32.6	48.8

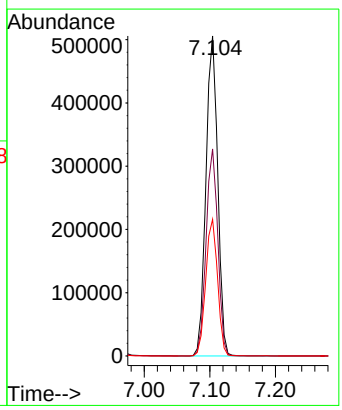


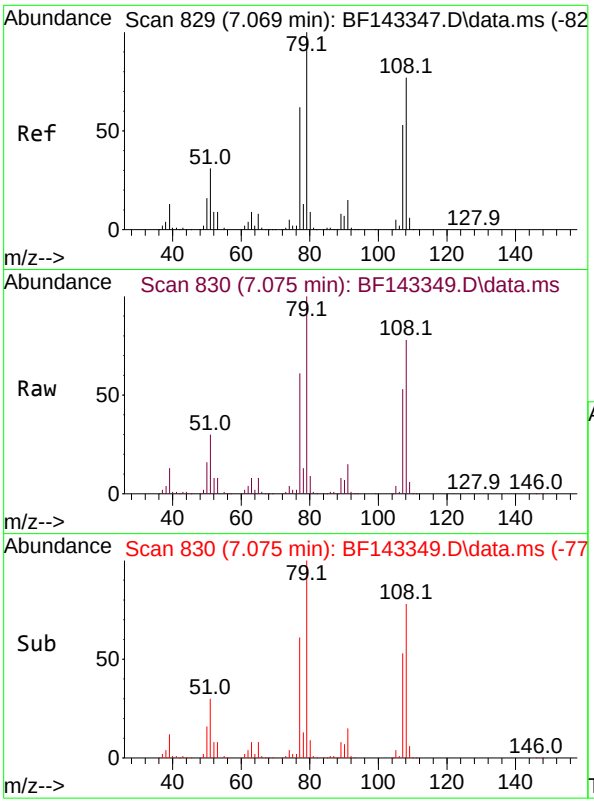


#14
1,2-Dichlorobenzene
Concen: 57.835 ng
RT: 7.104 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:146 Resp: 634447

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	42.7	34.1	51.1



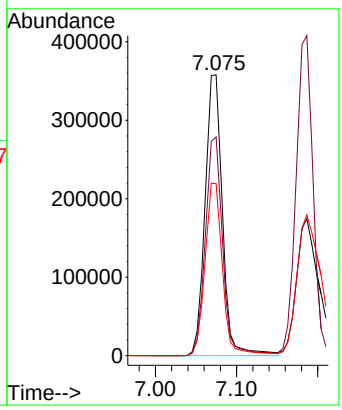


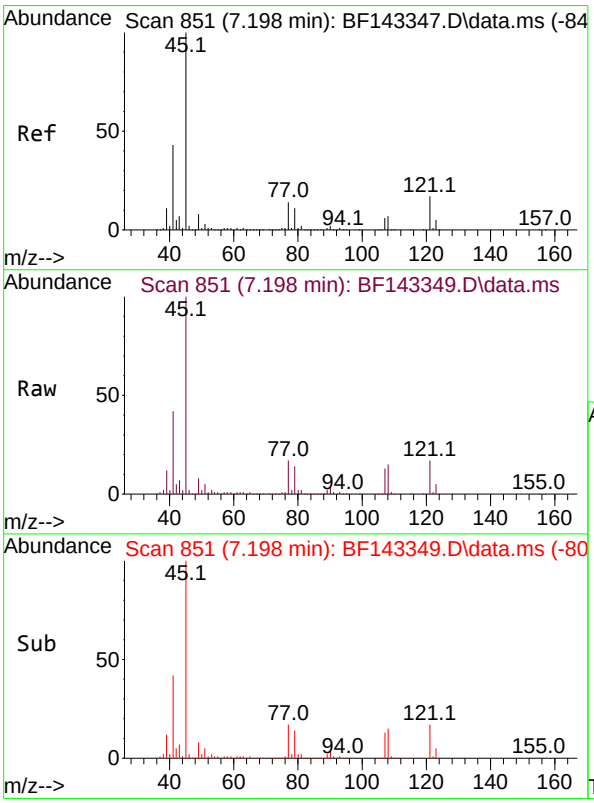
#15
Benzyl Alcohol
Concen: 61.891 ng
RT: 7.075 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 531507

Ion	Ratio	Lower	Upper
79	100		
108	77.9	61.5	92.3
77	61.2	49.8	74.8

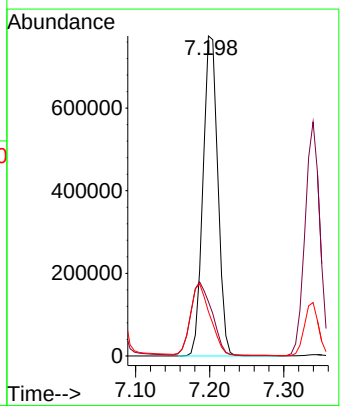


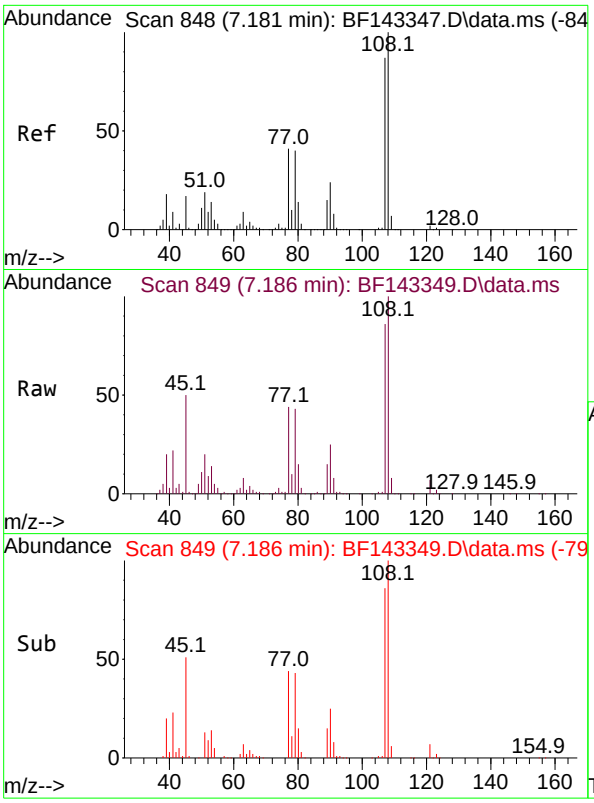


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.714 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 45 Resp: 1077772

Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	34.0
79	13.8	0.0	31.1



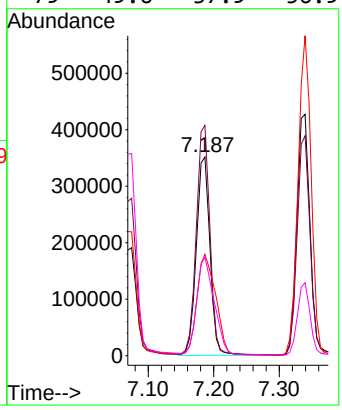


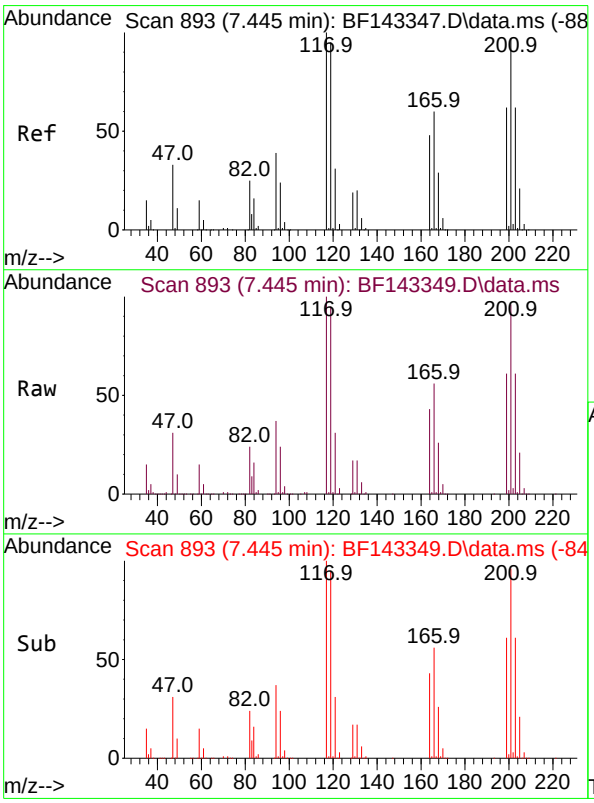
#17
2-Methylphenol
Concen: 60.895 ng
RT: 7.186 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 513134

Ion	Ratio	Lower	Upper
107	100		
108	115.9	92.0	138.0
77	51.0	38.2	57.2
79	49.6	37.9	56.9

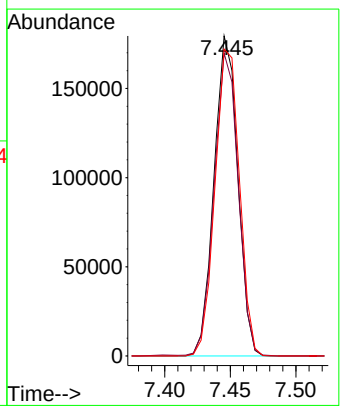


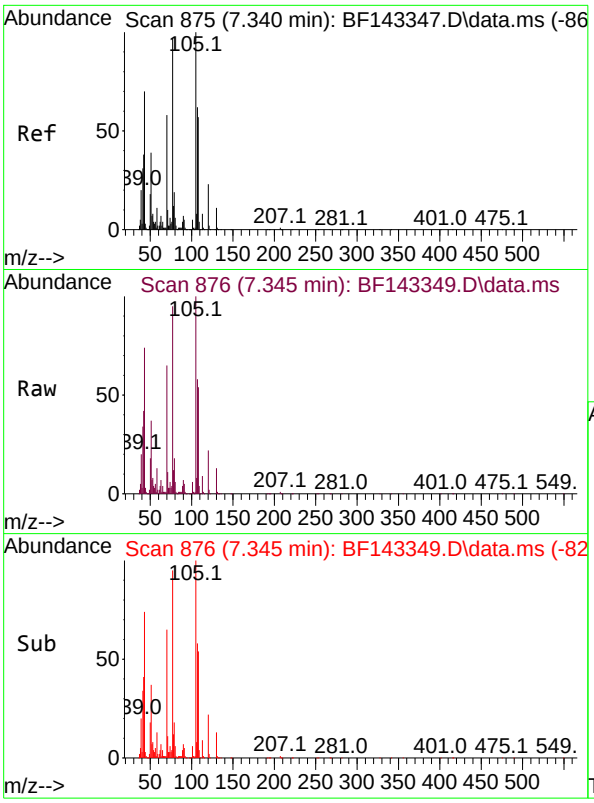


#18
Hexachloroethane
Concen: 62.318 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:117 Resp: 225784

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
201	95.9	77.2	115.8



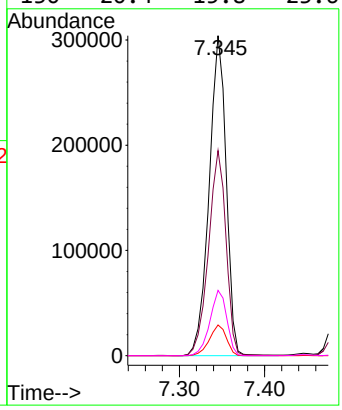


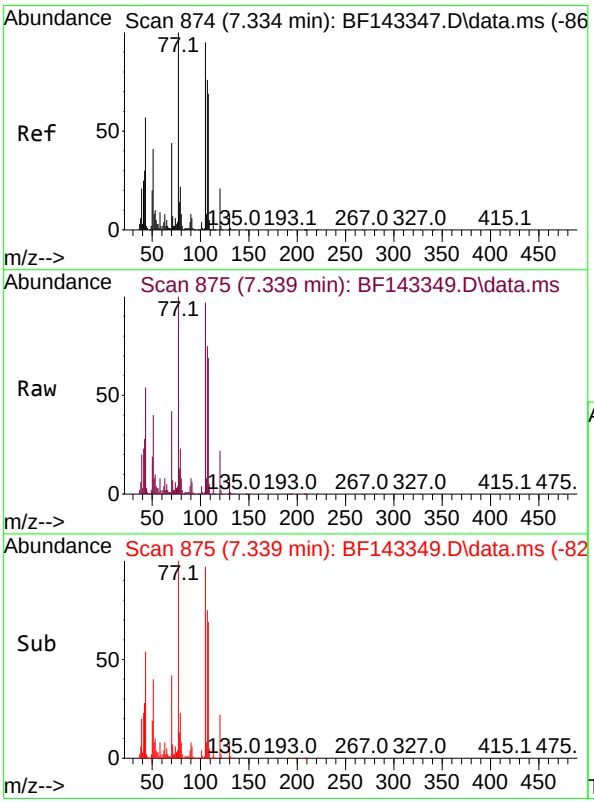
#19
n-Nitroso-di-n-propylamine
Concen: 57.269 ng
RT: 7.345 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 423943

Ion	Ratio	Lower	Upper
70	100		
42	64.1	51.6	77.4
101	9.6	7.5	11.3
130	20.4	15.8	23.6

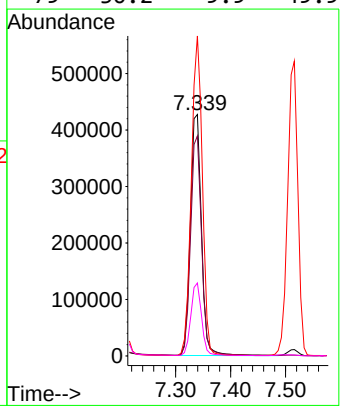


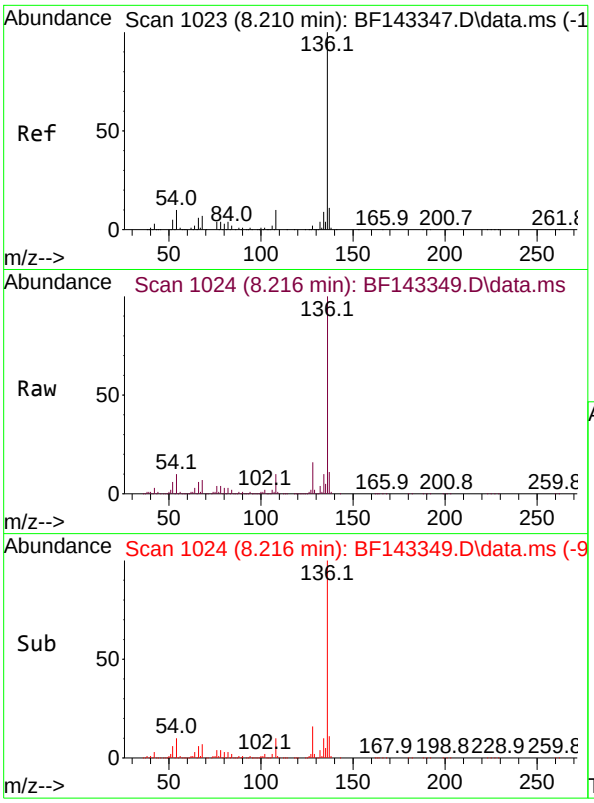


#20
3+4-Methylphenols
Concen: 58.354 ng
RT: 7.339 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:107 Resp: 594674

Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.6	110.6
77	132.5	112.0	152.0
79	30.2	9.9	49.9



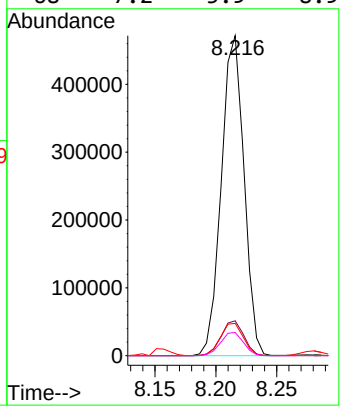


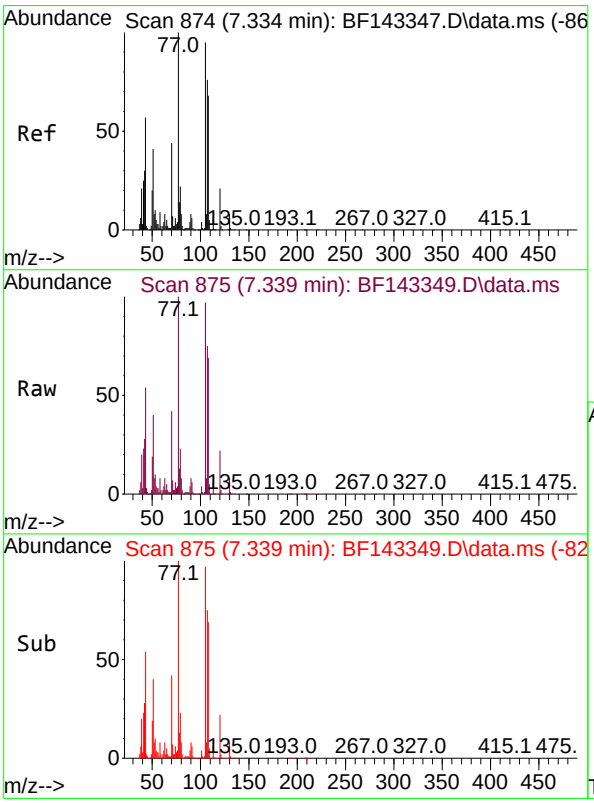
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 611608

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.4	12.6
68	7.2	5.9	8.9

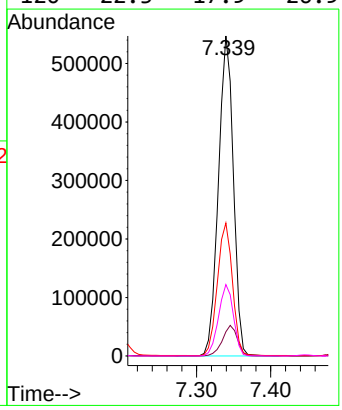


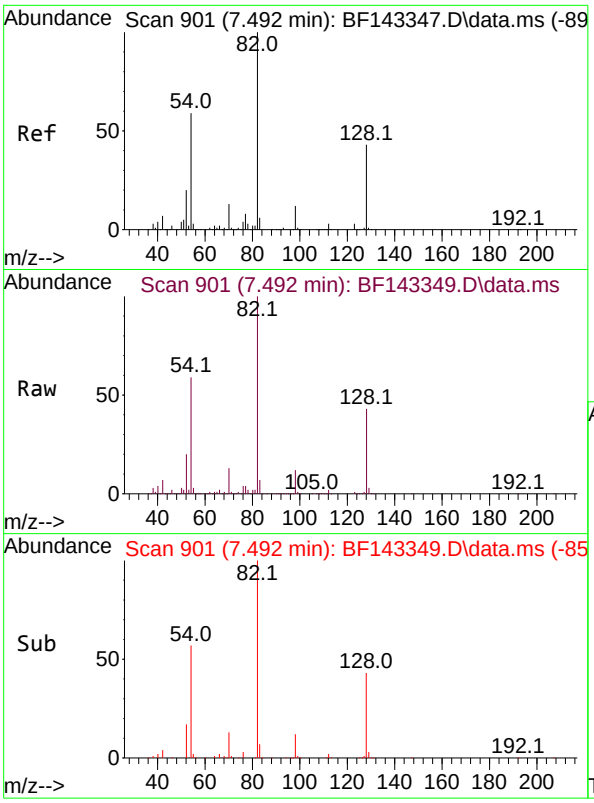


#22
Acetophenone
Concen: 56.784 ng
RT: 7.339 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:105 Resp: 765201

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.2	9.4
51	41.6	34.8	52.2
120	22.3	17.9	26.9



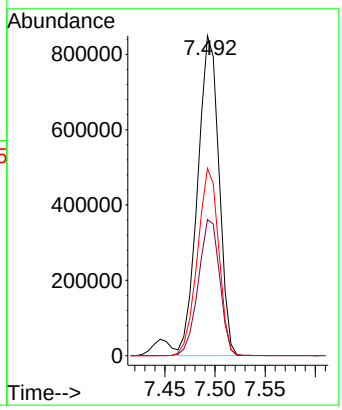


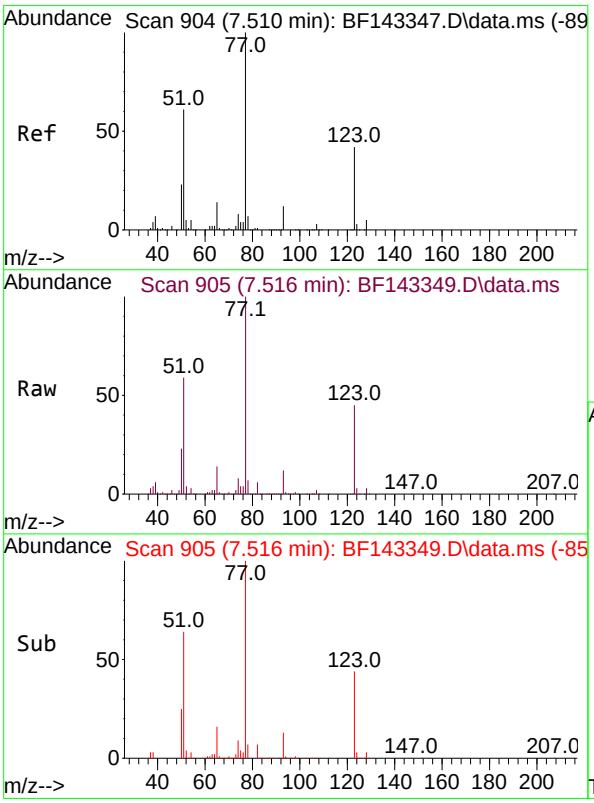
#23
Nitrobenzene-d5
Concen: 127.441 ng
RT: 7.492 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1251642

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.5	50.3
54	58.5	46.7	70.1

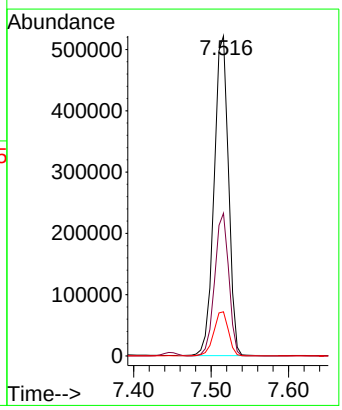


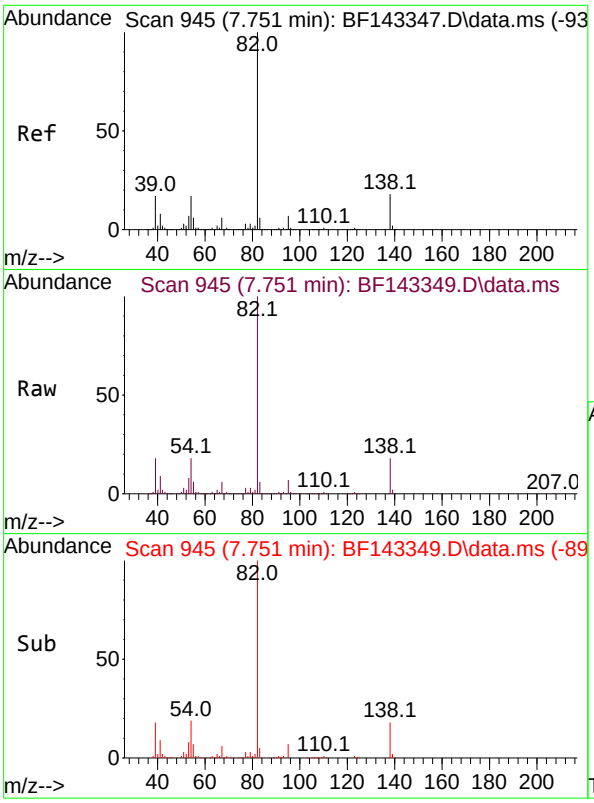


#24
Nitrobenzene
Concen: 63.075 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 77 Resp: 672780

Ion	Ratio	Lower	Upper
77	100		
123	44.6	34.8	52.2
65	13.8	11.0	16.6



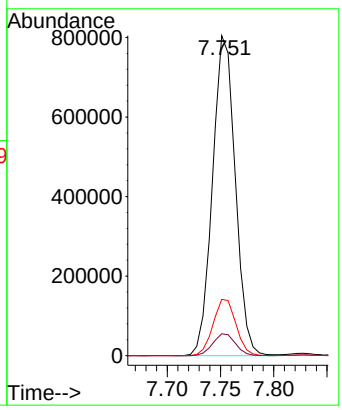


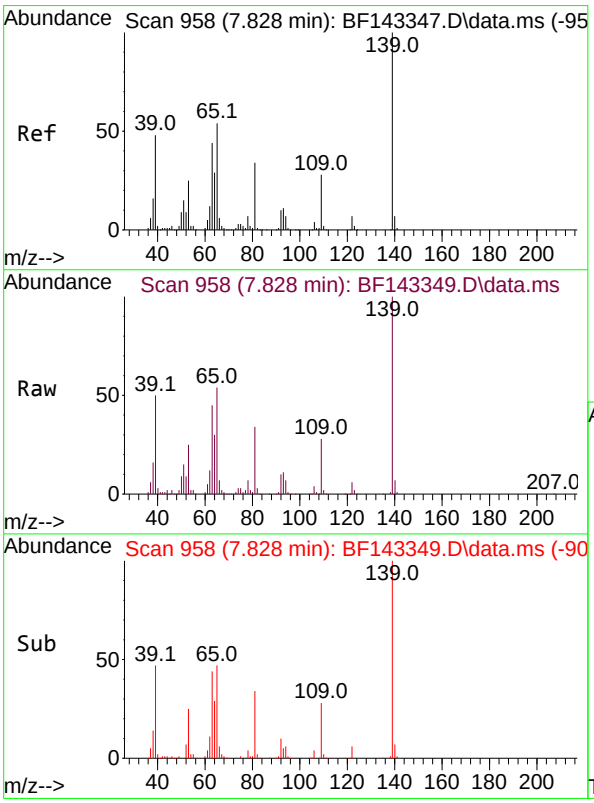
#25
Isophorone
Concen: 59.613 ng
RT: 7.751 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1195220

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.6	14.6	21.8

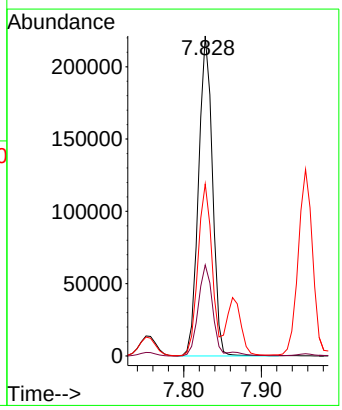


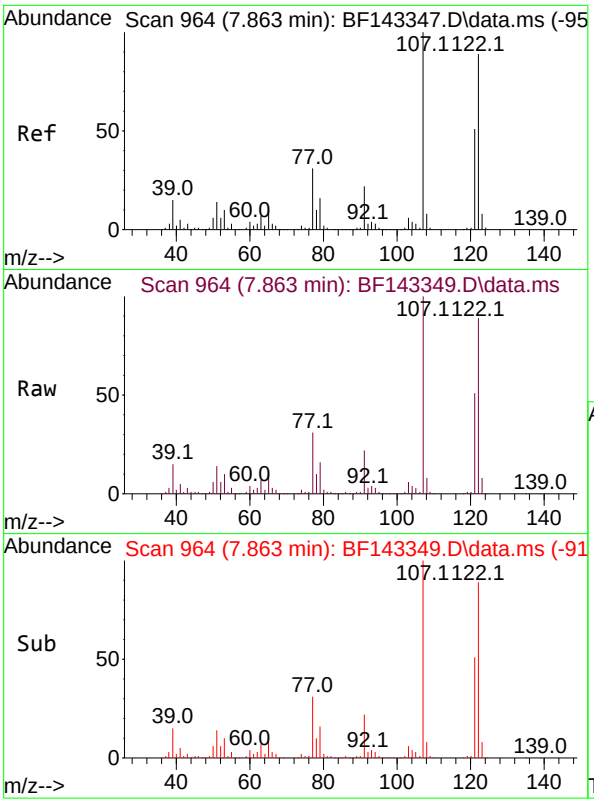


#26
2-Nitrophenol
Concen: 63.401 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:139 Resp: 276412

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.4	33.6
65	53.8	42.9	64.3



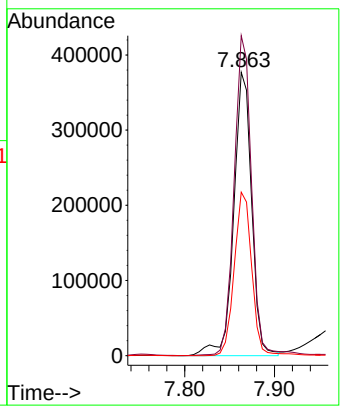


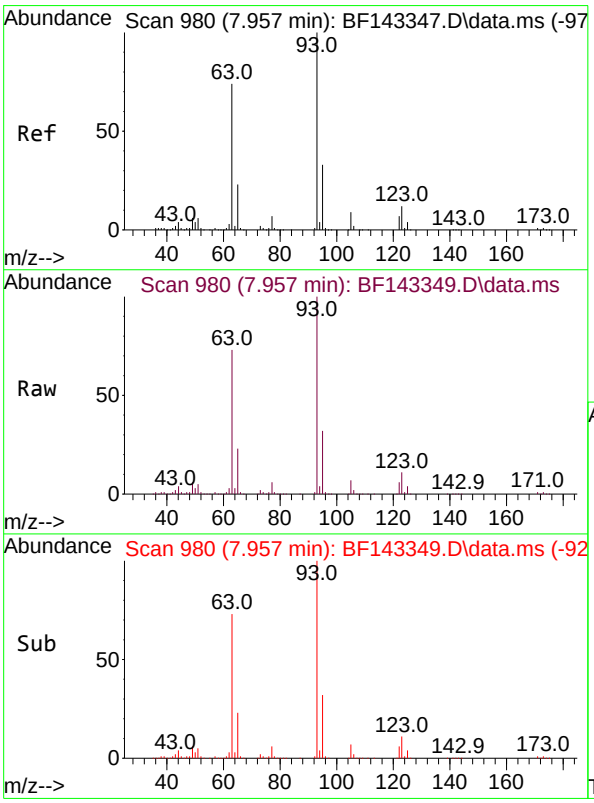
#27
2,4-Dimethylphenol
Concen: 62.476 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 522594

Ion	Ratio	Lower	Upper
122	100		
107	112.9	89.9	134.9
121	57.7	46.2	69.4

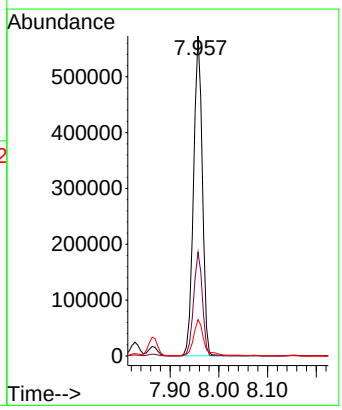


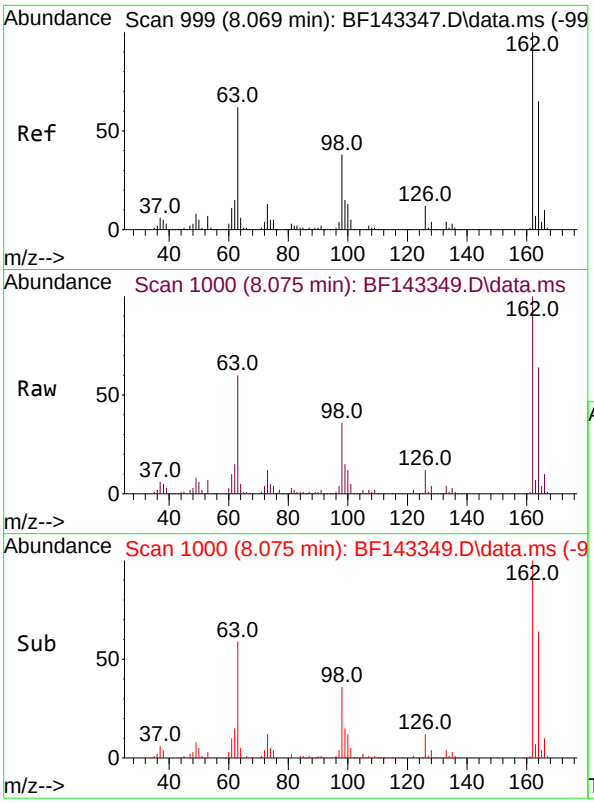


#28
bis(2-Chloroethoxy)methane
Concen: 59.338 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 93 Resp: 726373

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.4	9.4	14.2



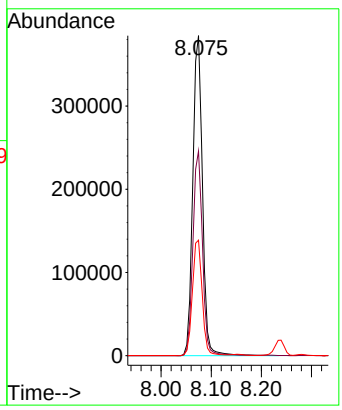


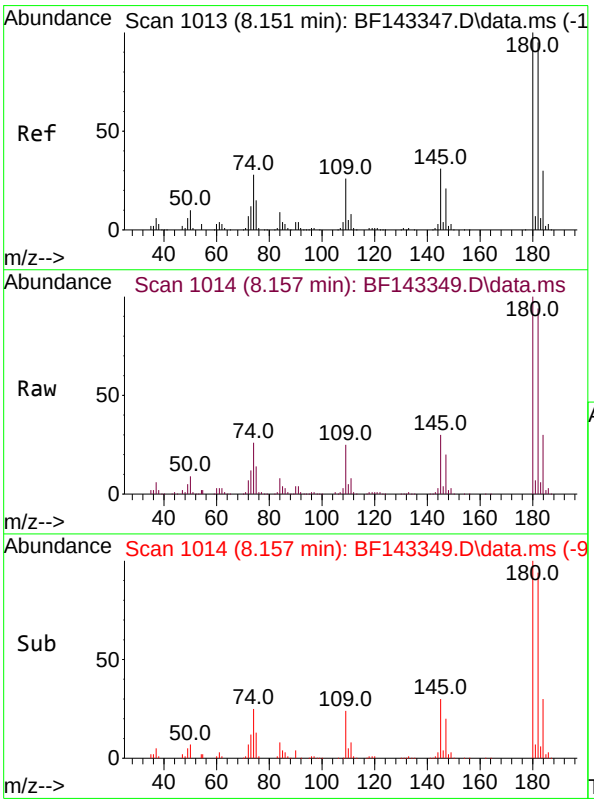
#29
2,4-Dichlorophenol
Concen: 62.732 ng
RT: 8.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 512513

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.5	84.5
98	36.1	17.7	57.7

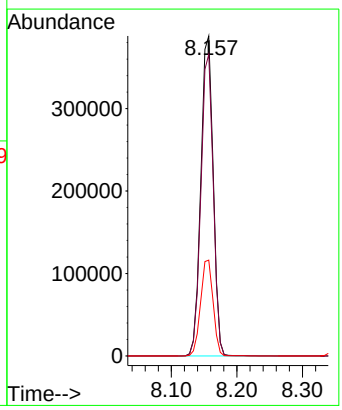


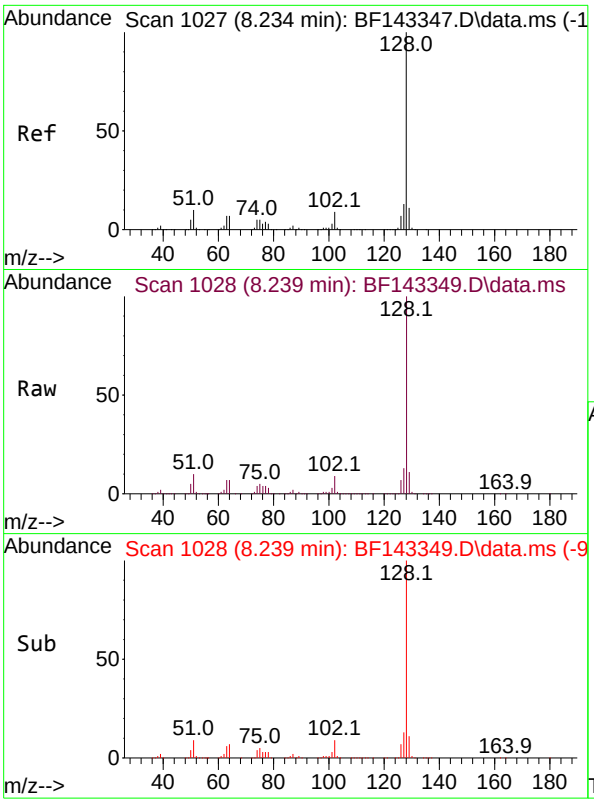


#30
1,2,4-Trichlorobenzene
Concen: 59.275 ng
RT: 8.157 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:180 Resp: 510824

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.1	114.1
145	30.0	24.9	37.3



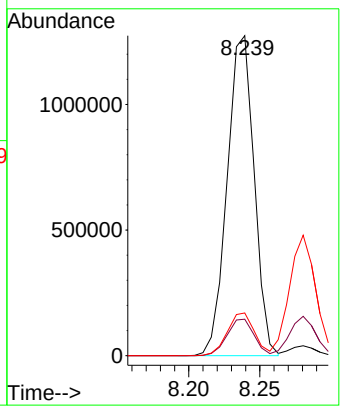


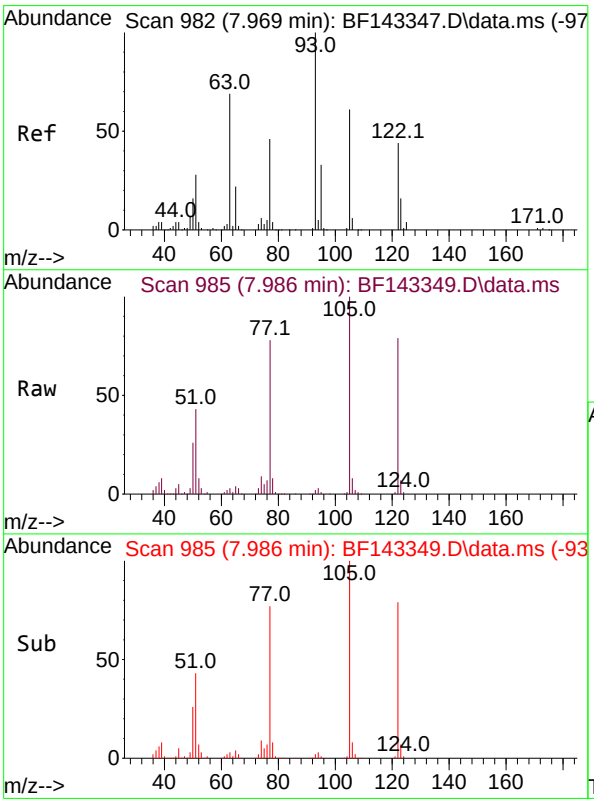
#31
Naphthalene
Concen: 57.179 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1682766

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.3	10.7	16.1

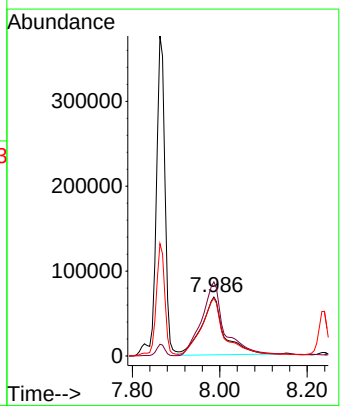


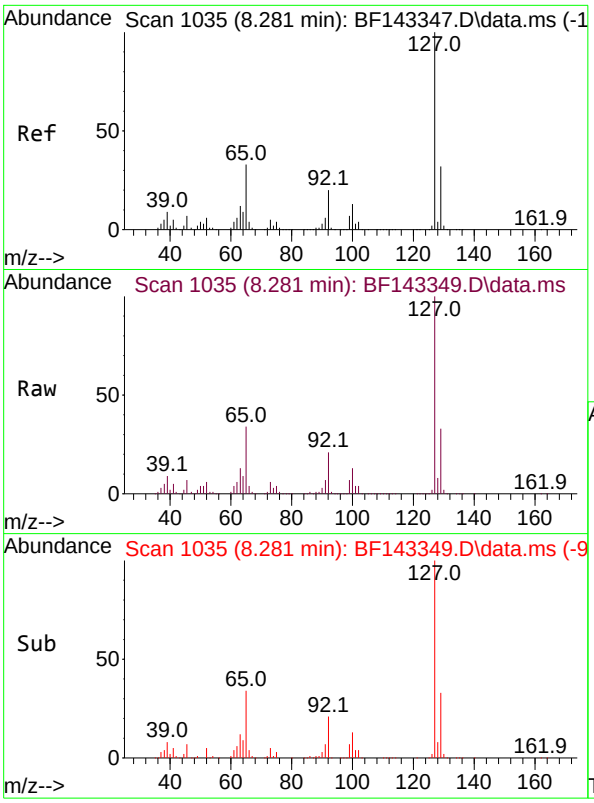


#32
Benzoic acid
Concen: 62.282 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.017 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:122 Resp: 248714

Ion	Ratio	Lower	Upper
122	100		
105	125.9	106.4	146.4
77	98.1	79.2	119.2



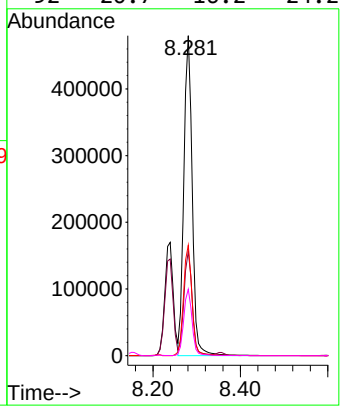


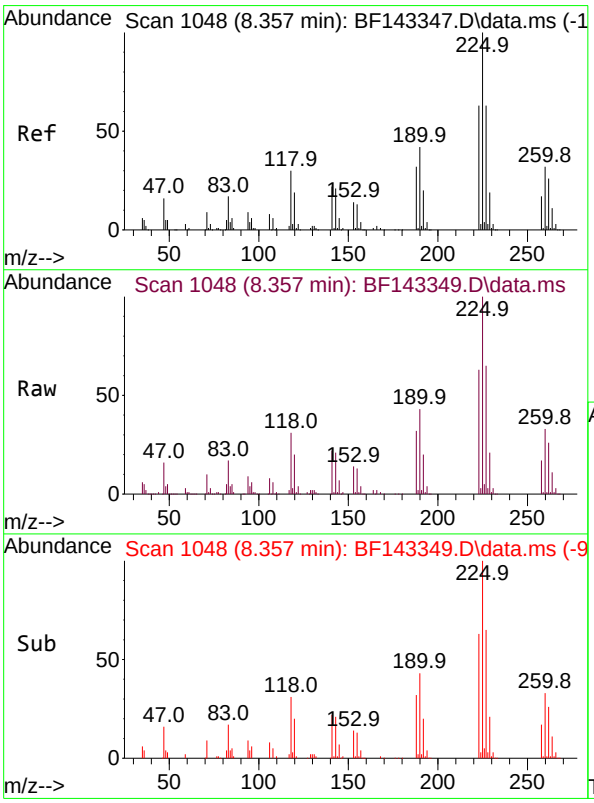
#33
4-Chloroaniline
Concen: 59.564 ng
RT: 8.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 632256

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	34.5	27.0	40.4
92	20.7	16.2	24.2

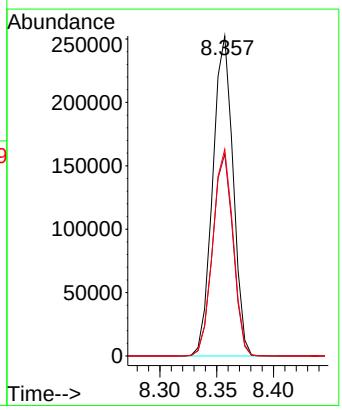


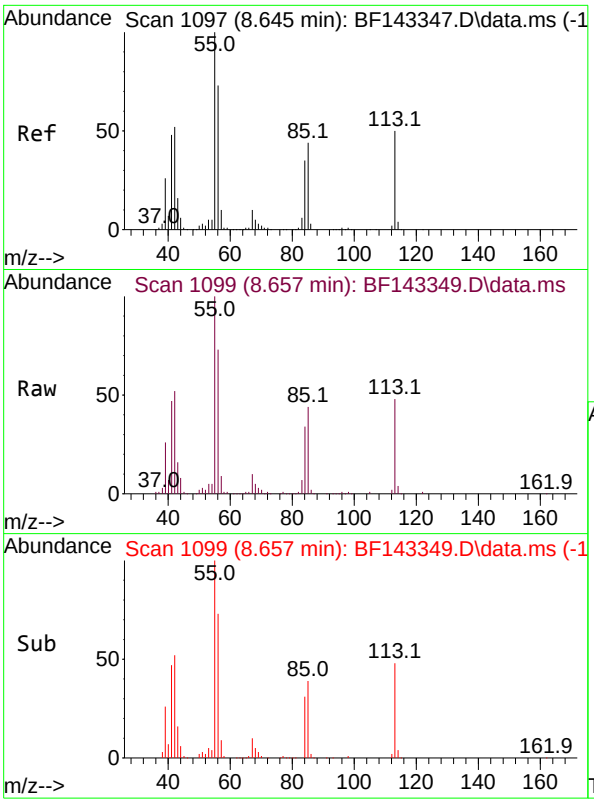


#34
Hexachlorobutadiene
Concen: 58.655 ng
RT: 8.357 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:225 Resp: 314445

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	64.6	50.6	75.8



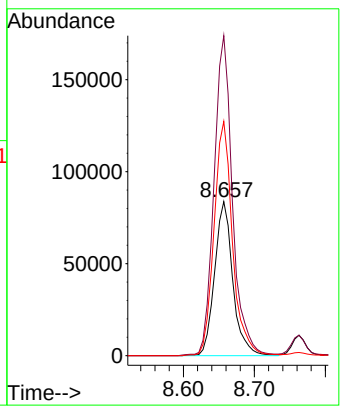


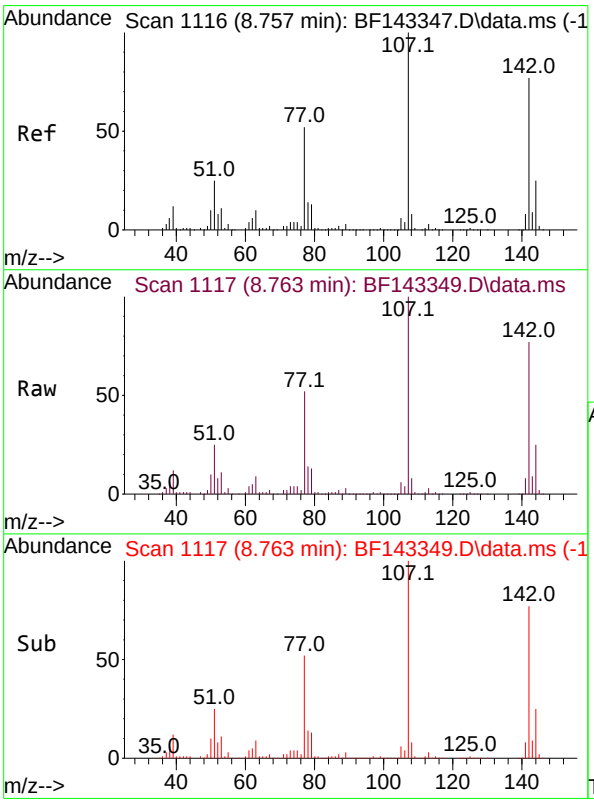
#35
Caprolactam
Concen: 64.696 ng
RT: 8.657 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 148587

Ion	Ratio	Lower	Upper
113	100		
55	207.6	181.4	221.4
56	152.0	127.3	167.3

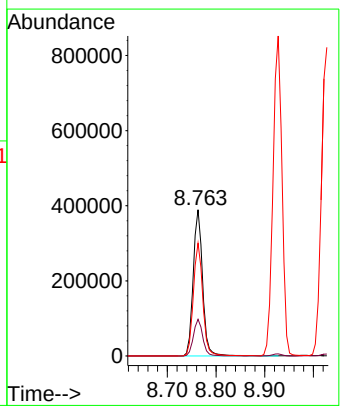


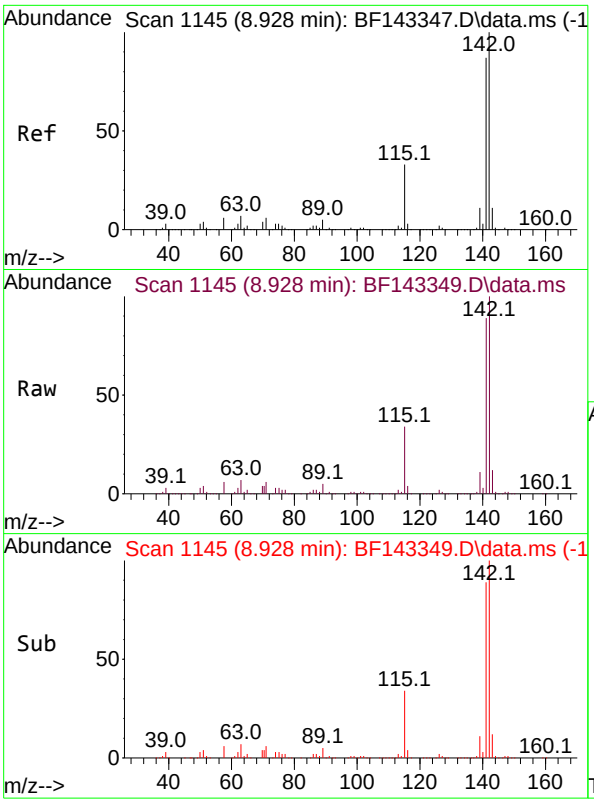


#36
4-Chloro-3-methylphenol
Concen: 61.301 ng
RT: 8.763 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:107 Resp: 525032

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.0	30.0
142	77.2	61.3	91.9



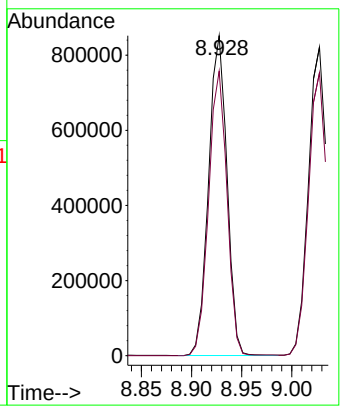


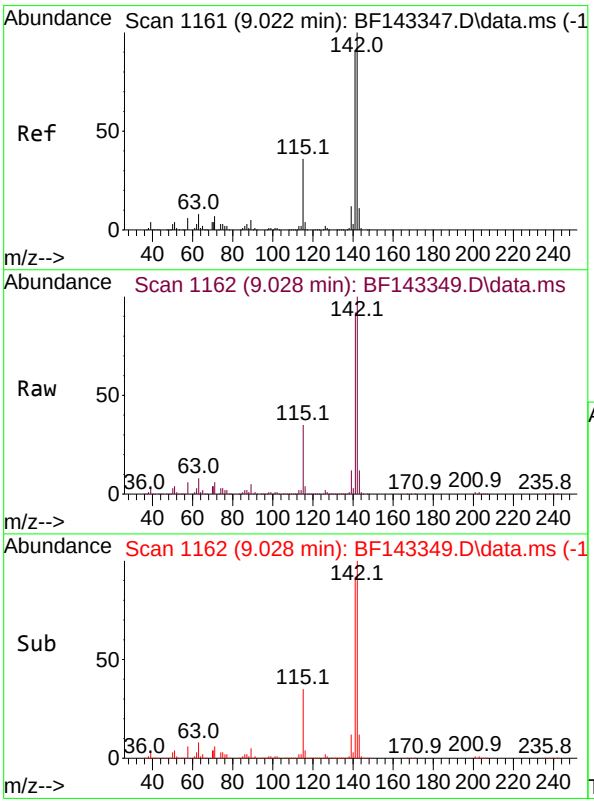
#37
2-Methylnaphthalene
Concen: 56.249 ng
RT: 8.928 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1088275

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.8	104.8

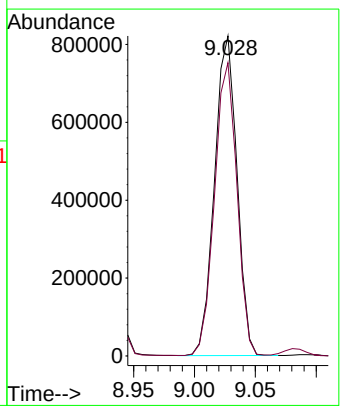


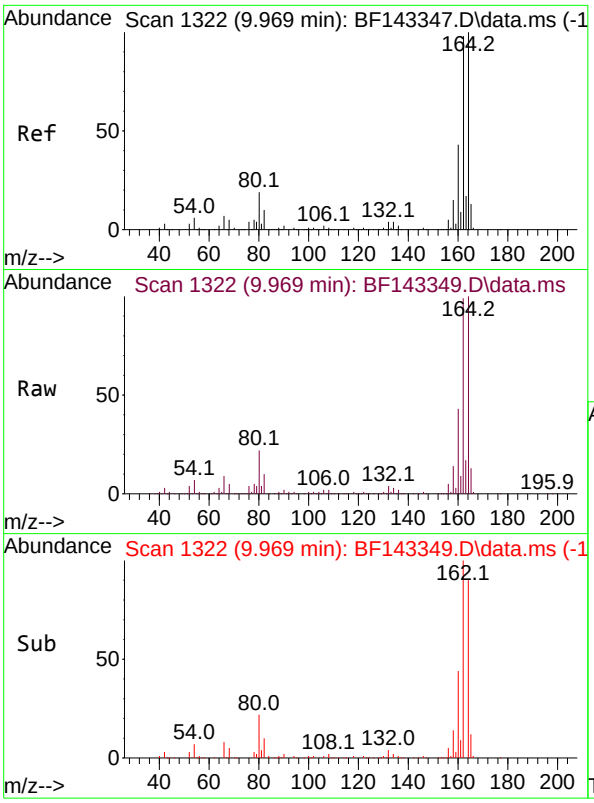


#38
1-Methylnaphthalene
Concen: 56.505 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:142 Resp: 1052909

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.4



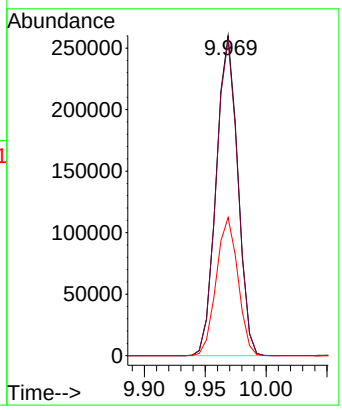


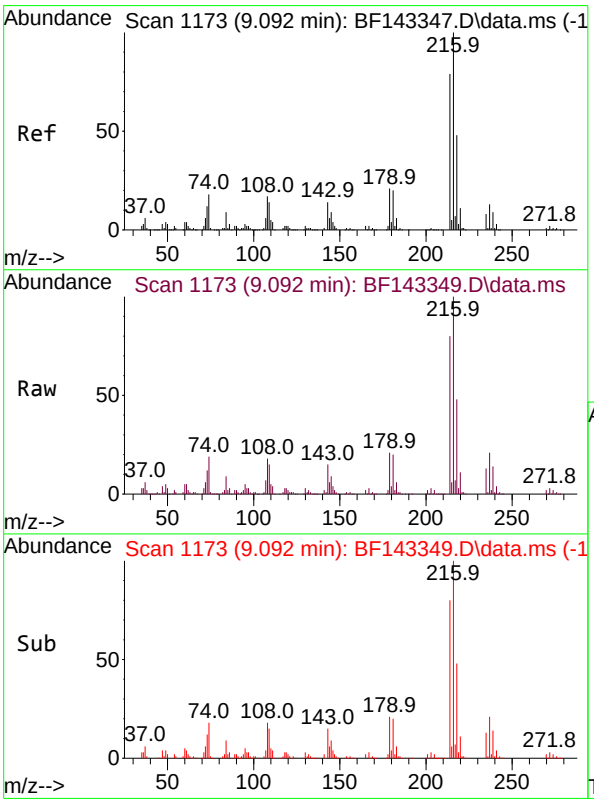
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 320321

Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.6	118.0
160	43.2	34.4	51.6

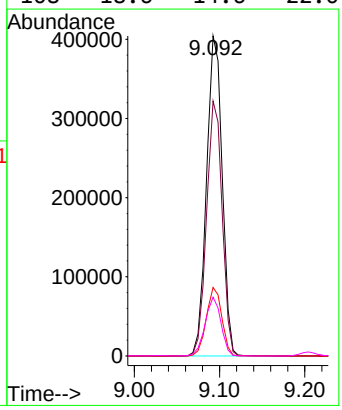


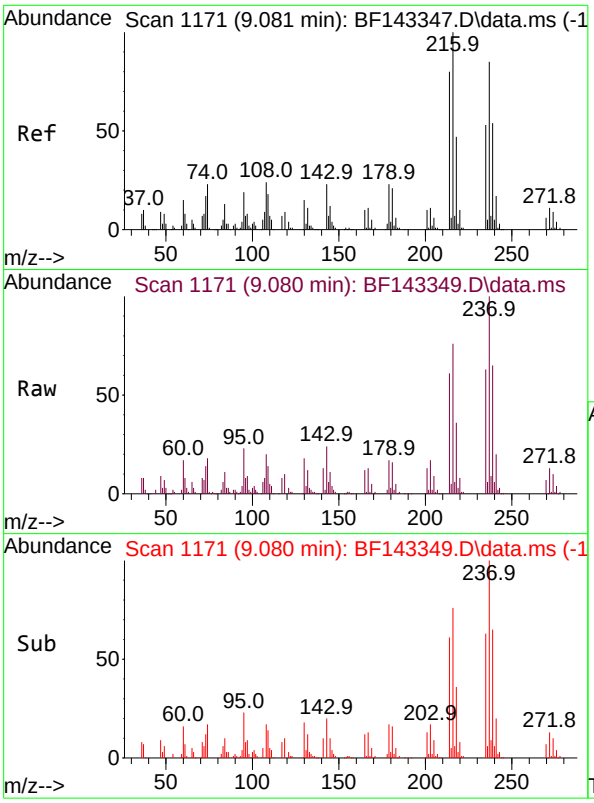


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.880 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:216 Resp: 516108

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	21.2	17.0	25.4
108	18.6	14.6	22.0



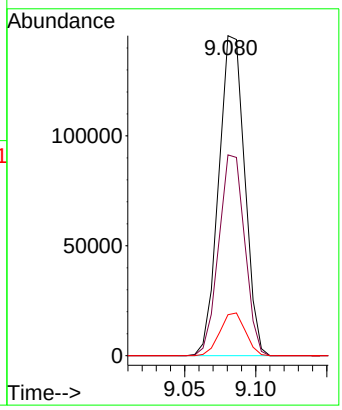


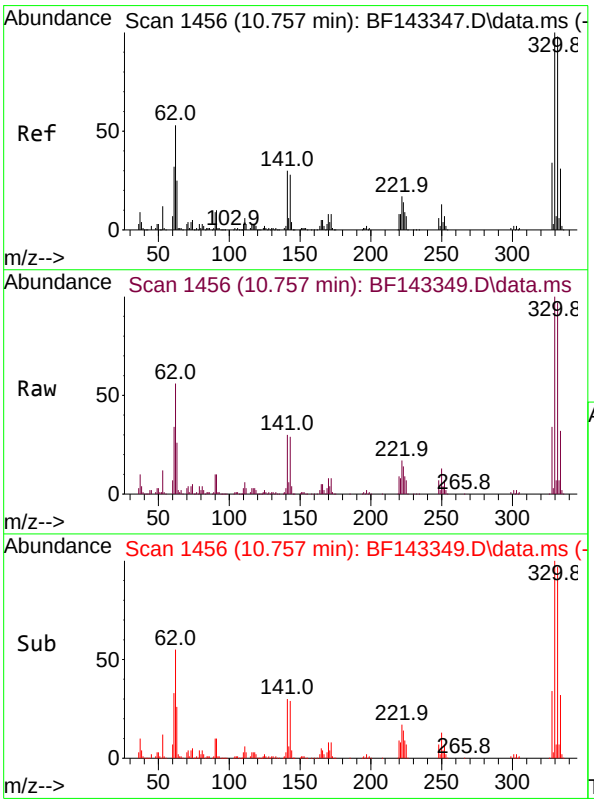
#41
Hexachlorocyclopentadiene
Concen: 61.485 ng
RT: 9.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 184941

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.0	82.0
272	12.8	0.0	32.6

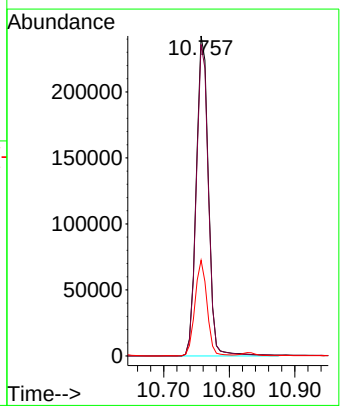


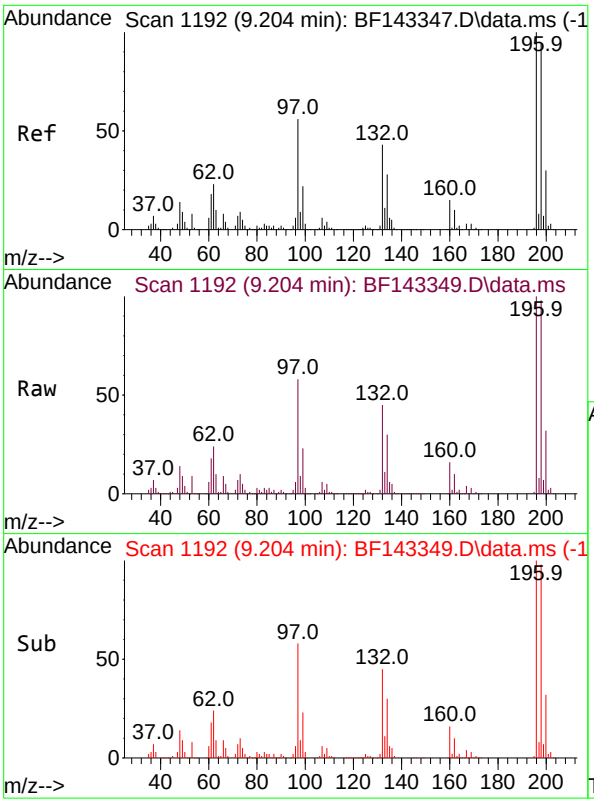


#42
2,4,6-Tribromophenol
Concen: 134.290 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:330 Resp: 314370

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	29.3	25.4	38.0



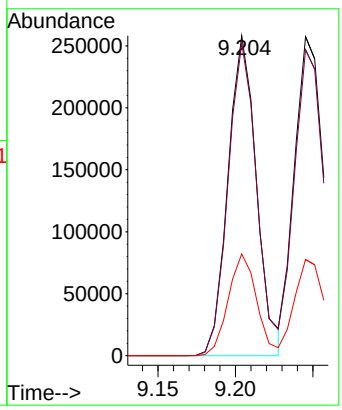


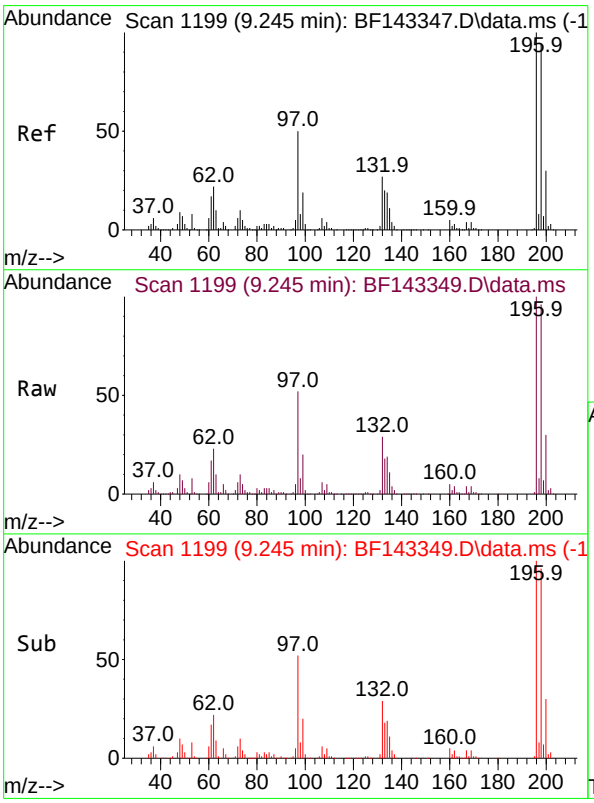
#43
2,4,6-Trichlorophenol
Concen: 66.369 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 330076

Ion	Ratio	Lower	Upper
196	100		
198	97.7	75.4	113.0
200	31.8	24.3	36.5

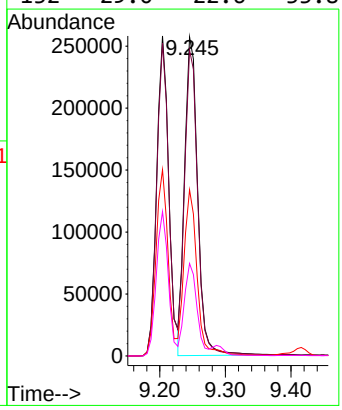


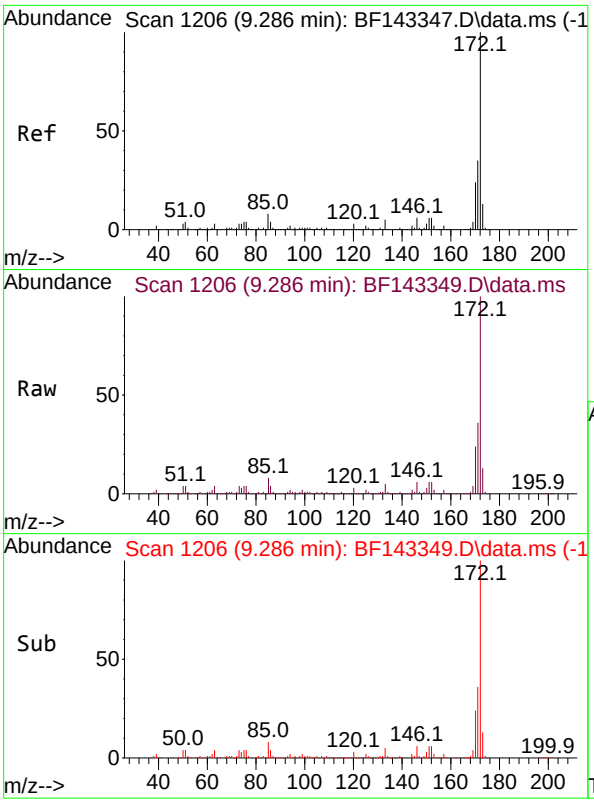


#44
2,4,5-Trichlorophenol
Concen: 63.299 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:196 Resp: 355498

Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.2
97	52.1	39.9	59.9
132	29.0	22.6	33.8



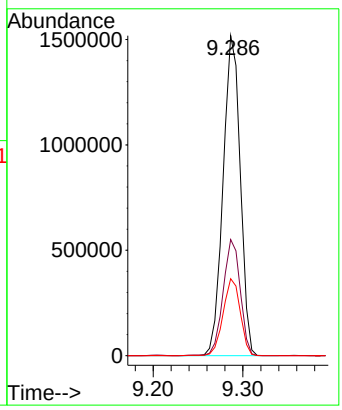


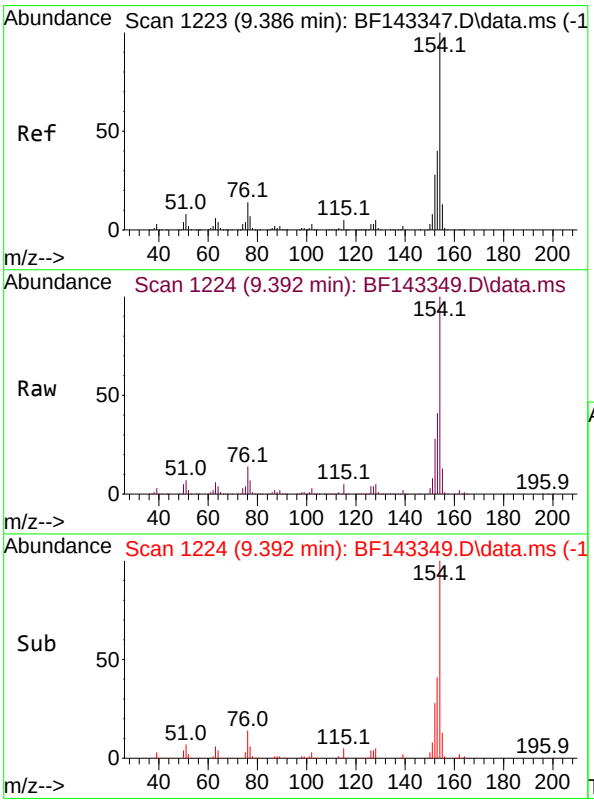
#45
2-Fluorobiphenyl
Concen: 106.990 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 2021003

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.4	42.6
170	24.1	19.1	28.7

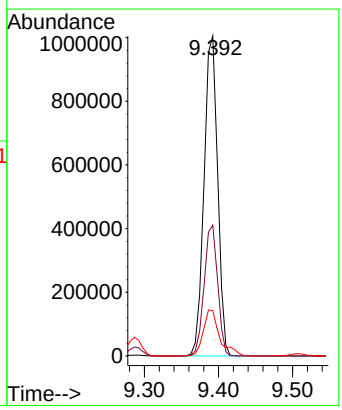


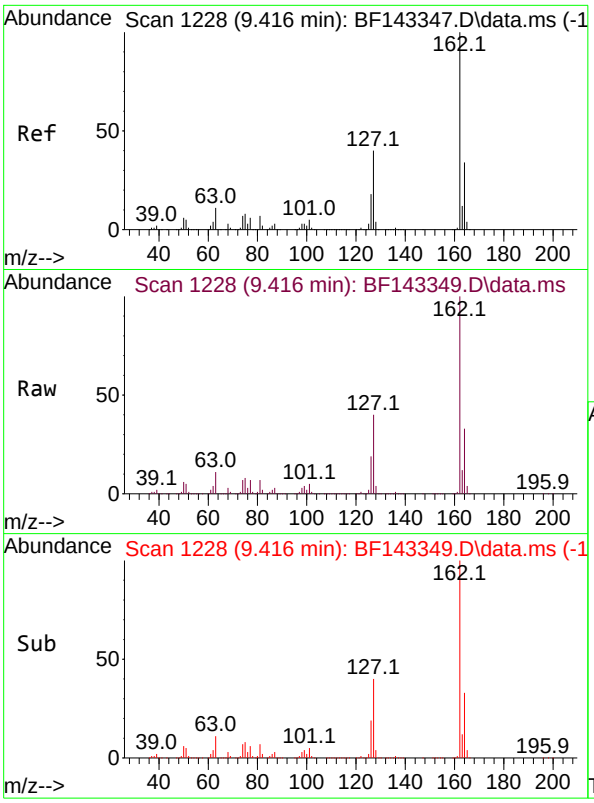


#46
1,1'-Biphenyl
Concen: 56.642 ng
RT: 9.392 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:154 Resp: 1282862

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.2	60.2
76	14.2	0.0	34.4



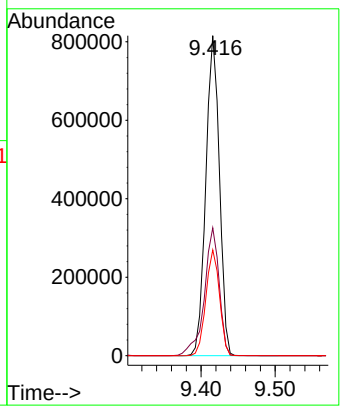


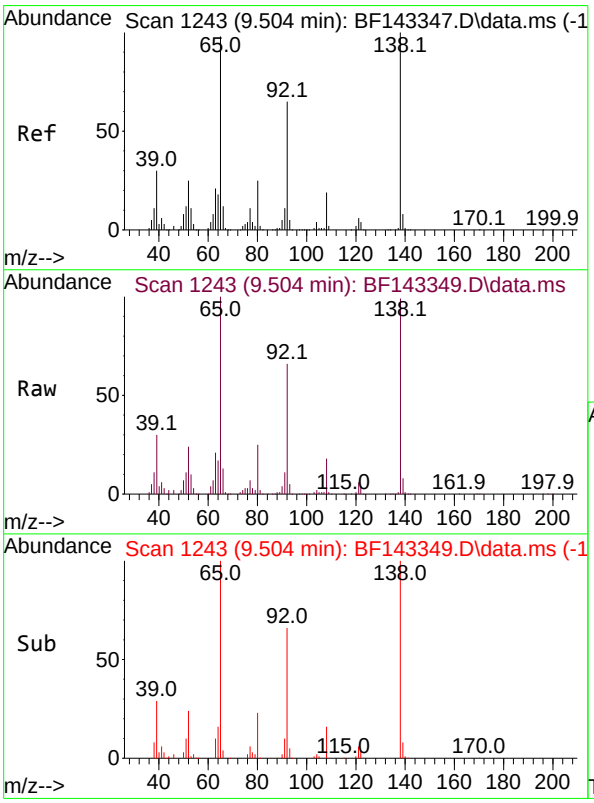
#47
2-Chloronaphthalene
Concen: 58.223 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1038548

Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.1	48.1
164	33.1	27.0	40.4

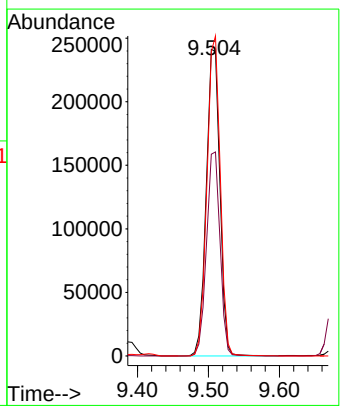


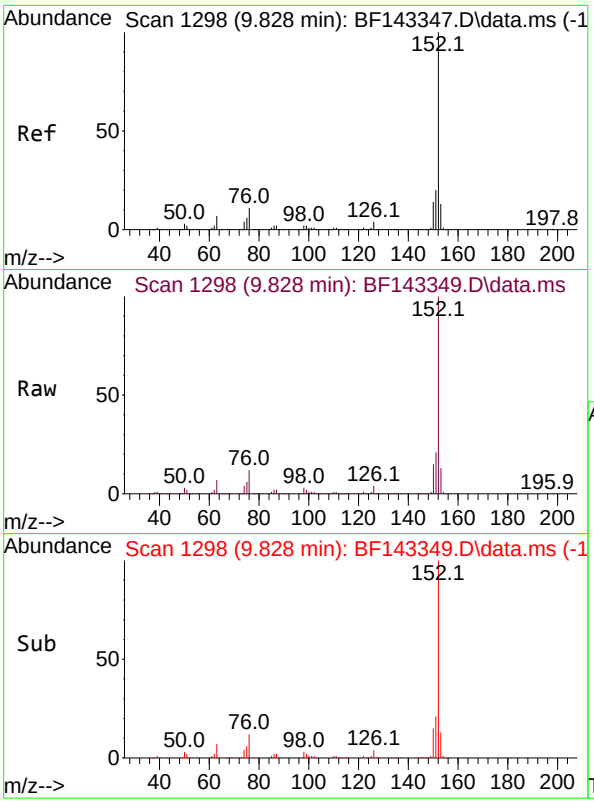


#48
2-Nitroaniline
Concen: 61.917 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 65 Resp: 322909

Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.1	79.7
138	99.2	81.4	122.0



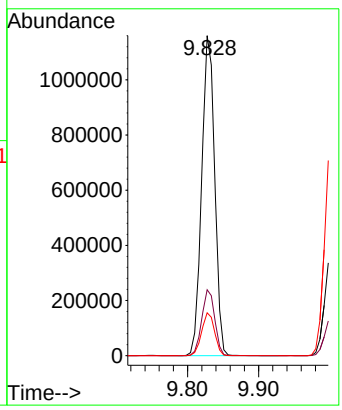


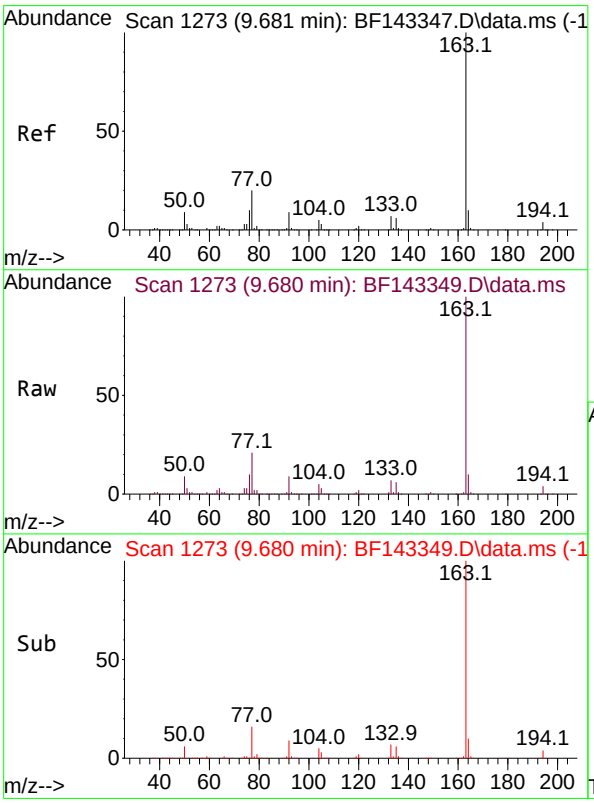
#49
Acenaphthylene
Concen: 57.494 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1481001

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	13.4	10.6	16.0

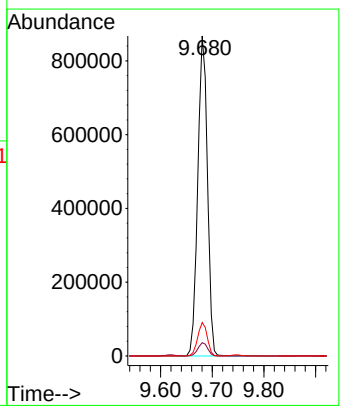


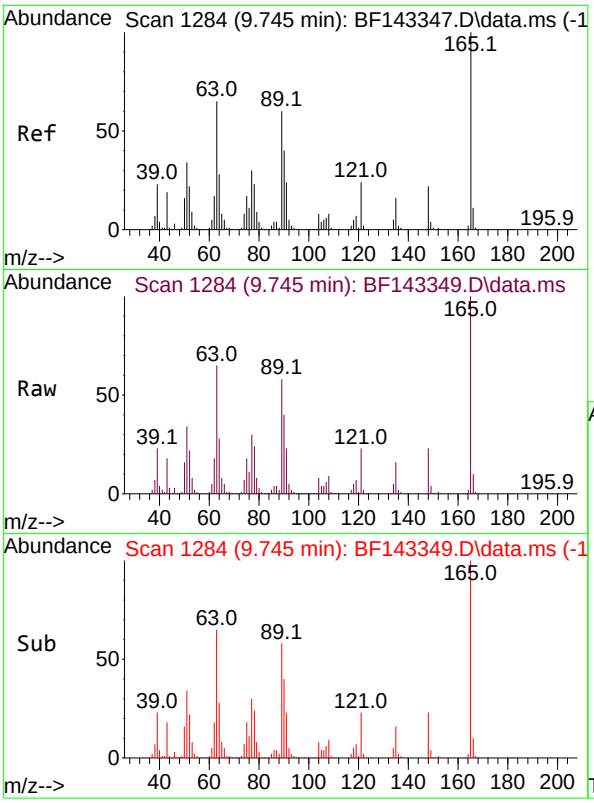


#50
Dimethylphthalate
Concen: 60.109 ng
RT: 9.680 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:163 Resp: 1125050

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.5	8.2	12.2



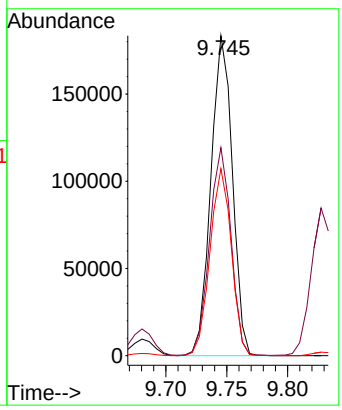


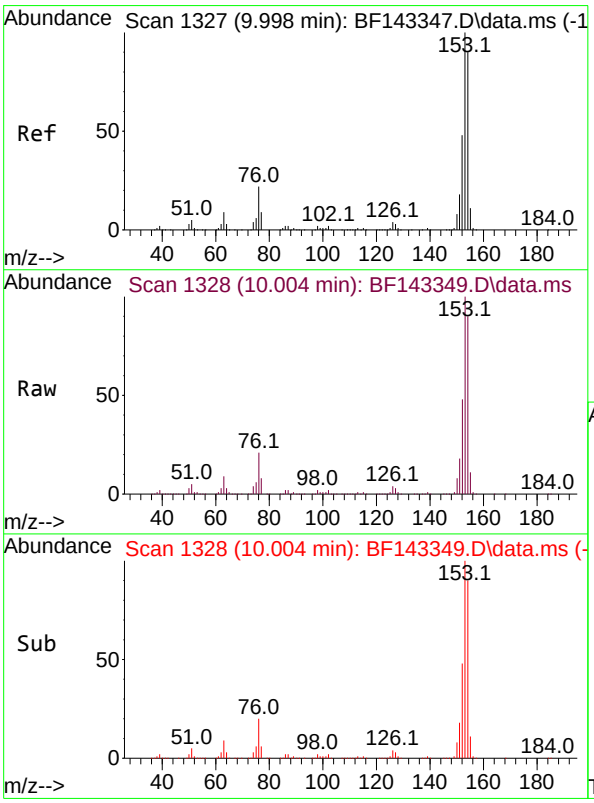
#51
2,6-Dinitrotoluene
Concen: 62.496 ng
RT: 9.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 224724

Ion	Ratio	Lower	Upper
165	100		
63	65.0	51.6	77.4
89	58.4	47.7	71.5

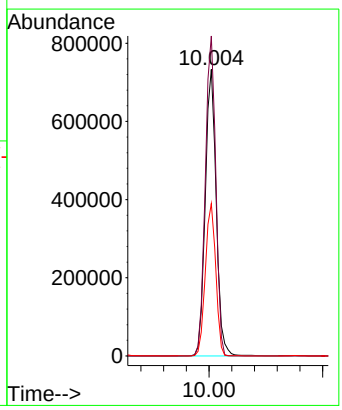


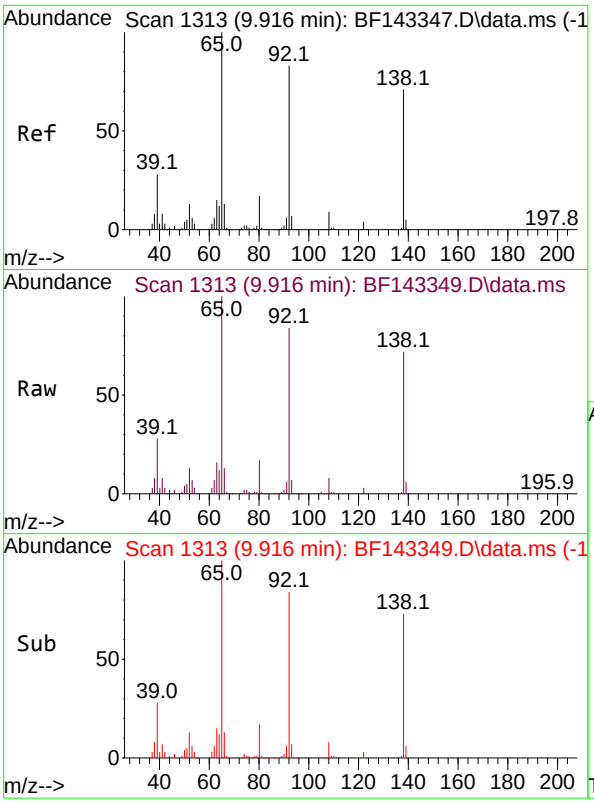


#52
Acenaphthene
Concen: 57.055 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:154 Resp: 977067

Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.5	132.7
152	53.1	42.4	63.6



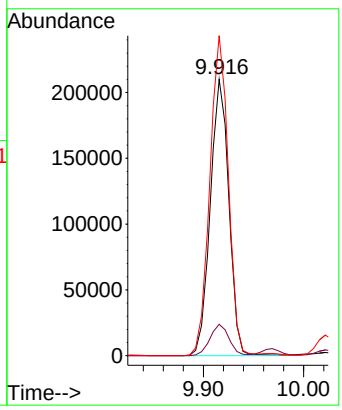


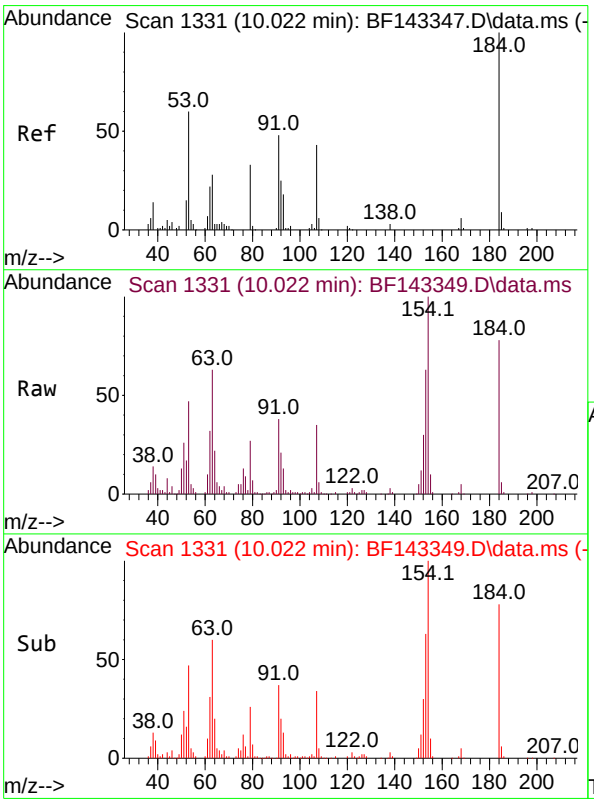
#53
3-Nitroaniline
Concen: 70.462 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 270085

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.6	14.4
92	115.8	93.4	140.2

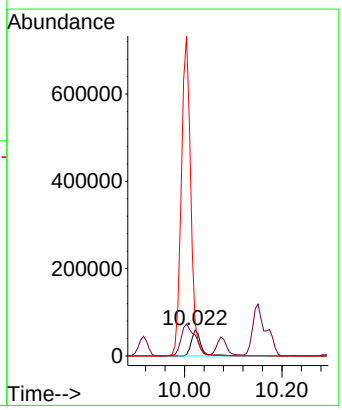


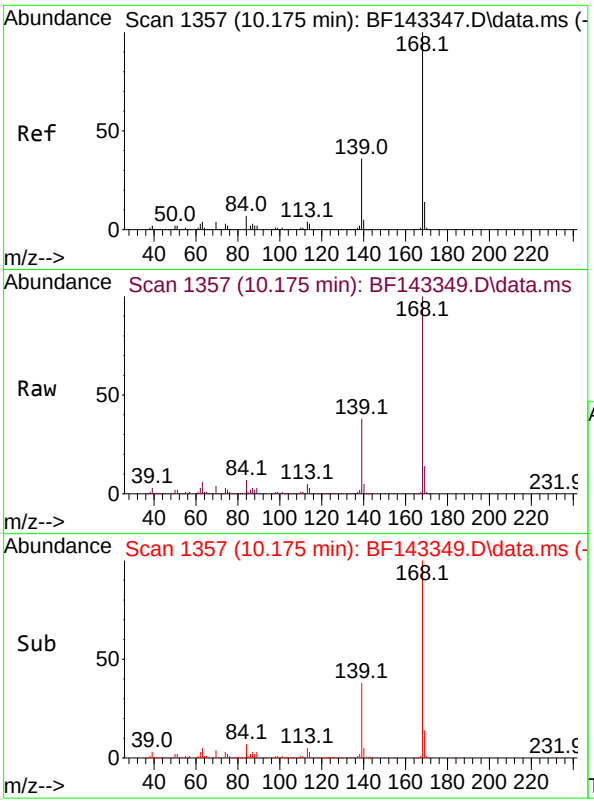


#54
2,4-Dinitrophenol
Concen: 62.319 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:184 Resp: 82451

Ion	Ratio	Lower	Upper
184	100		
63	81.0	62.5	93.7
154	128.7	73.0	109.4#



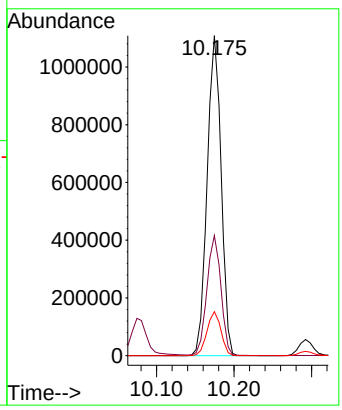


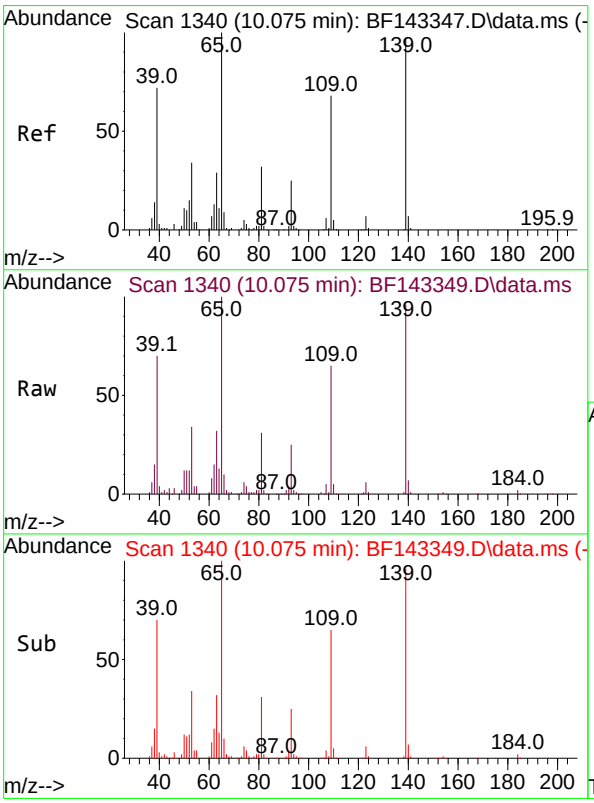
#55
Dibenzofuran
Concen: 56.379 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 1389556

Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.4	44.0
169	13.8	11.0	16.6

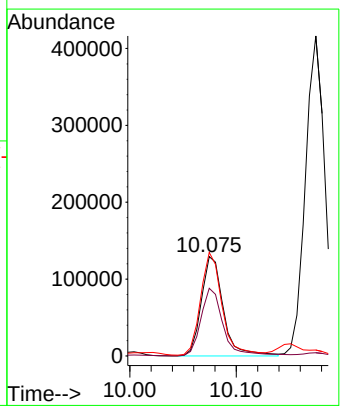


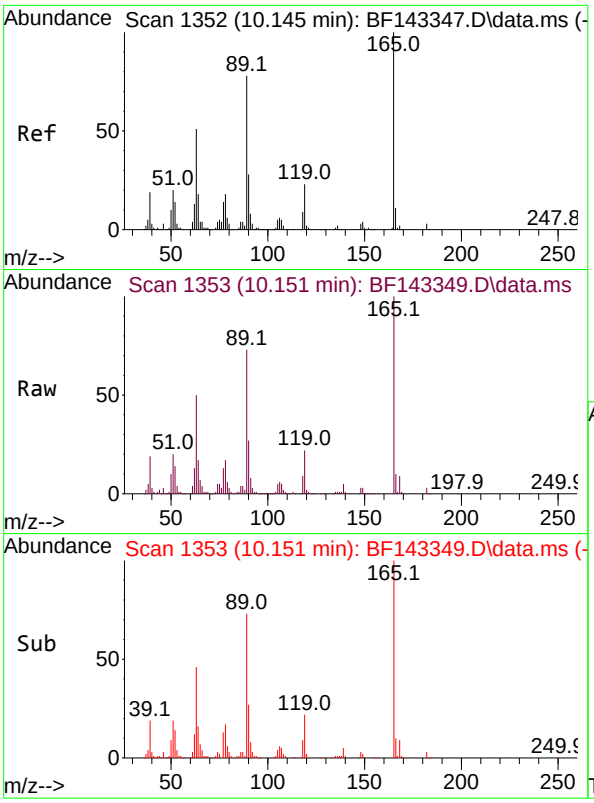


#56
4-Nitrophenol
Concen: 62.130 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:139 Resp: 186307

Ion	Ratio	Lower	Upper
139	100		
109	68.0	49.4	89.4
65	104.1	83.7	123.7



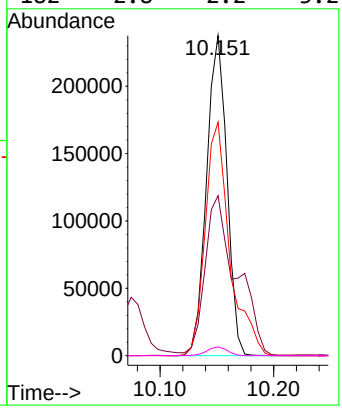


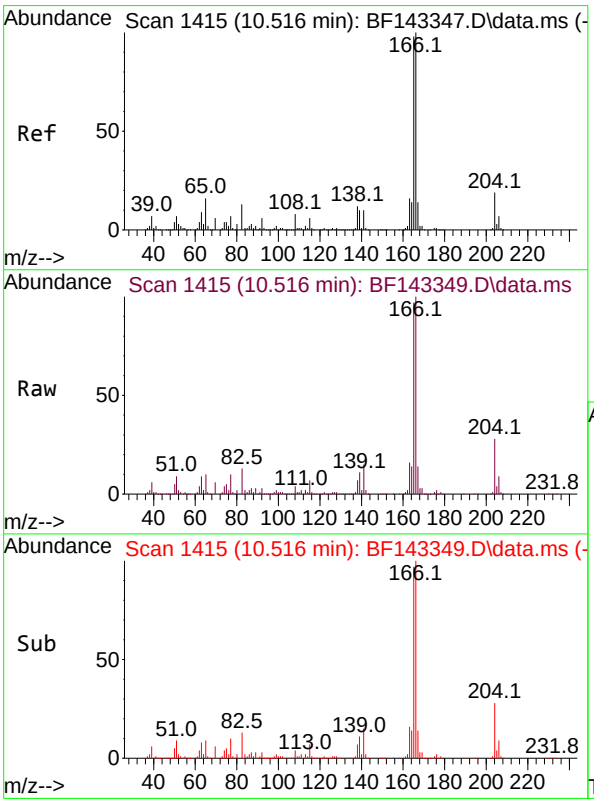
#57
2,4-Dinitrotoluene
Concen: 61.944 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 295520

Ion	Ratio	Lower	Upper
165	100		
63	50.0	41.8	62.8
89	73.0	62.4	93.6
182	2.8	2.2	3.2

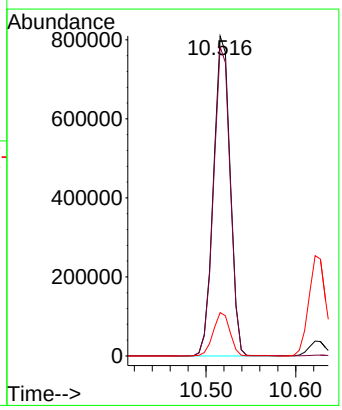


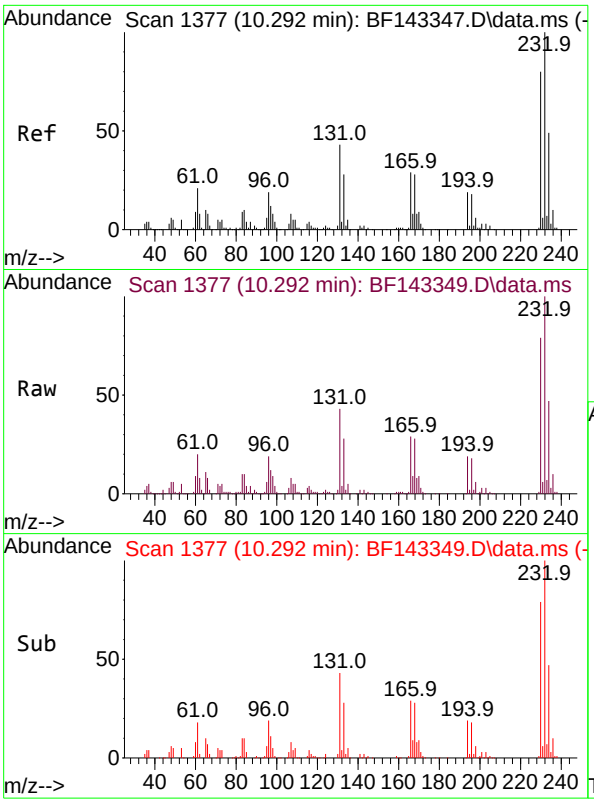


#58
Fluorene
Concen: 55.570 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:166 Resp: 1046138

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.2	117.4
167	13.6	10.9	16.3



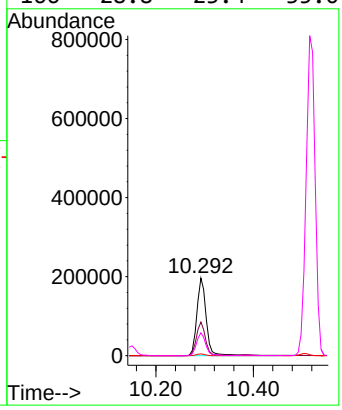


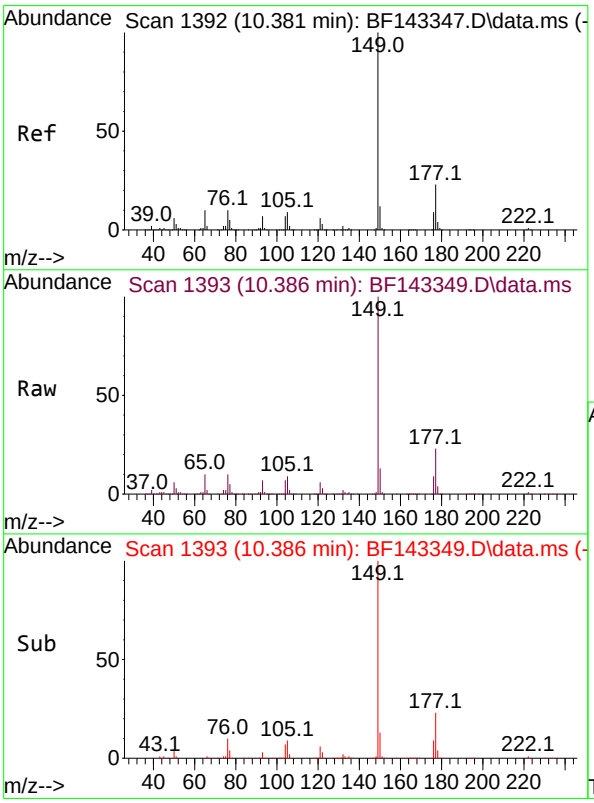
#59
2,3,4,6-Tetrachlorophenol
Concen: 70.050 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 265201

Ion	Ratio	Lower	Upper
232	100		
131	42.0	34.6	51.8
130	2.1	1.7	2.5
166	28.8	23.4	35.0

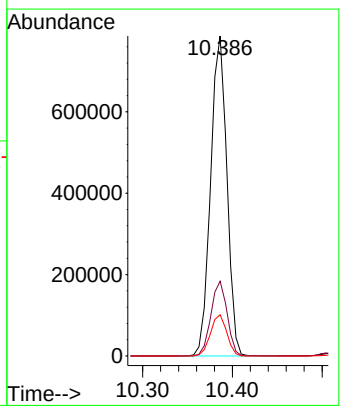


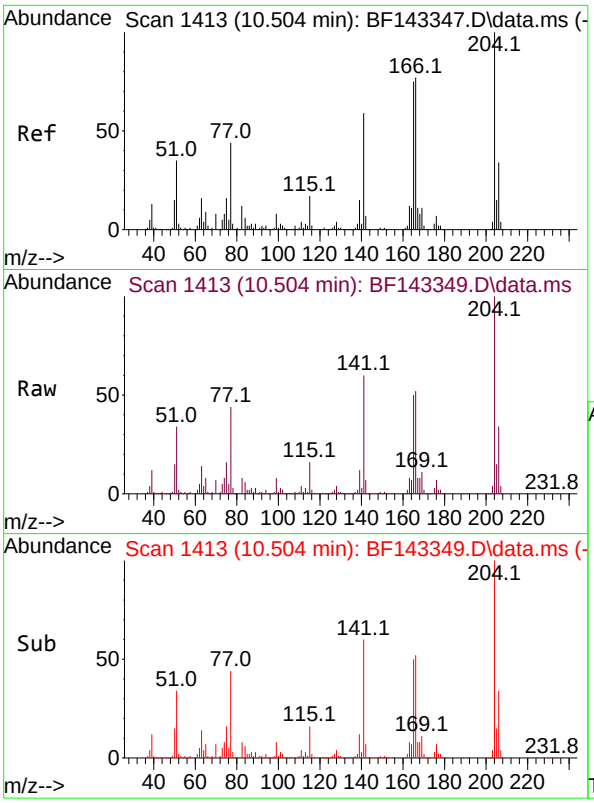


#60
Diethylphthalate
Concen: 59.094 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:149 Resp: 990716

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.2
150	12.9	9.9	14.9



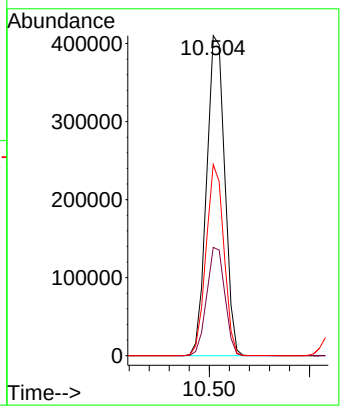


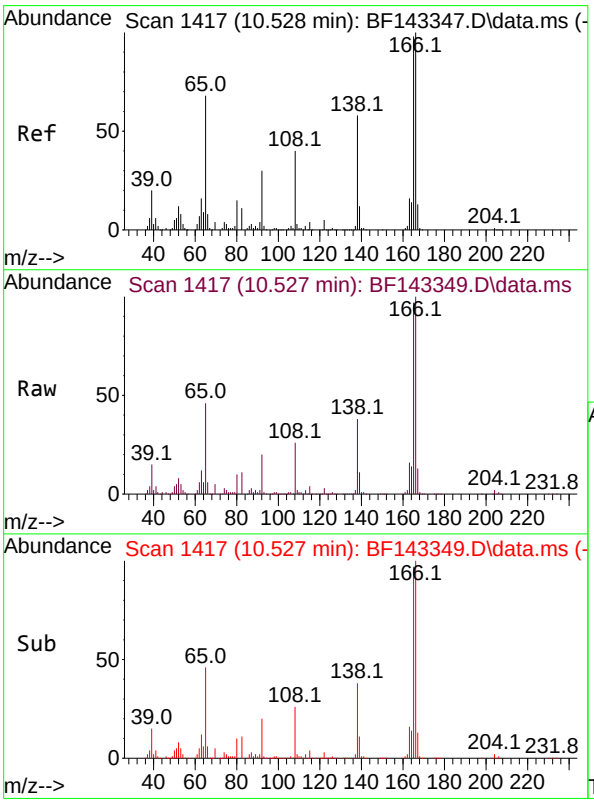
#61
4-Chlorophenyl-phenylether
Concen: 56.664 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 515436

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.4	41.2
141	59.8	46.9	70.3

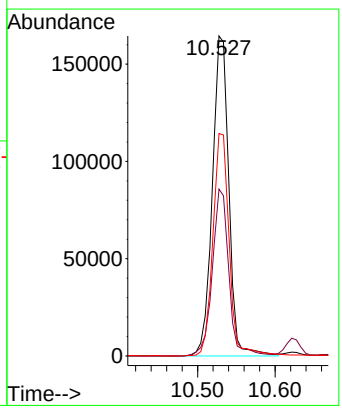


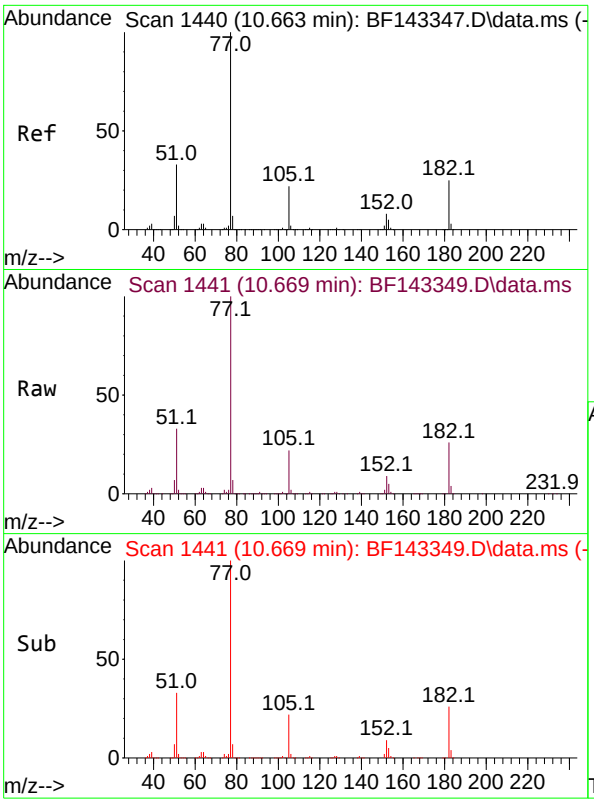


#62
4-Nitroaniline
Concen: 65.508 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:138 Resp: 242938

Ion	Ratio	Lower	Upper
138	100		
92	52.2	31.2	71.2
108	69.5	48.1	88.1



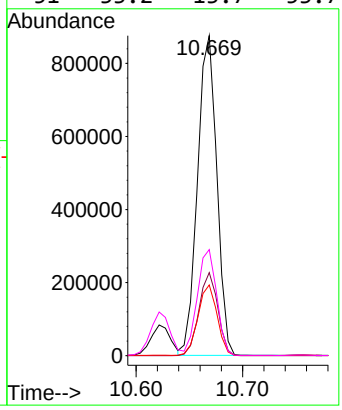


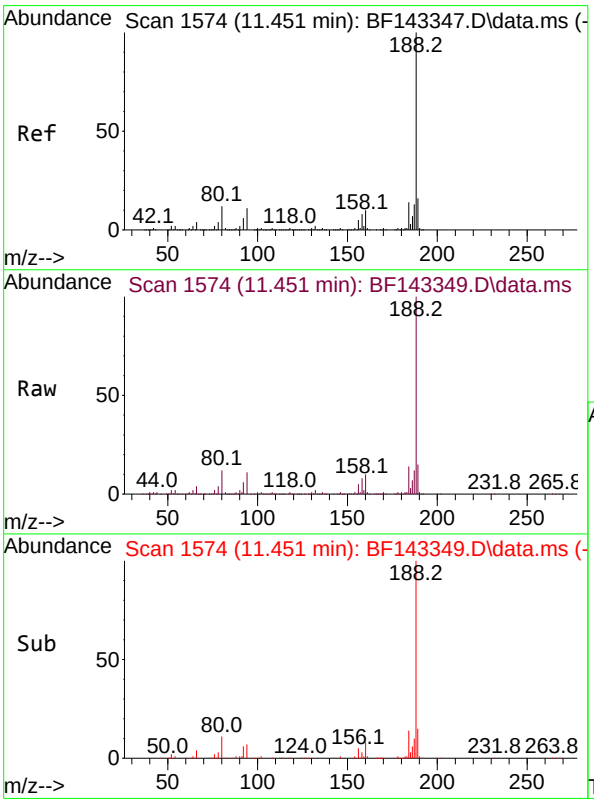
#63
Azobenzene
Concen: 57.669 ng
RT: 10.669 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1104323

Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.4	44.4
105	22.1	1.8	41.8
51	33.2	13.7	53.7

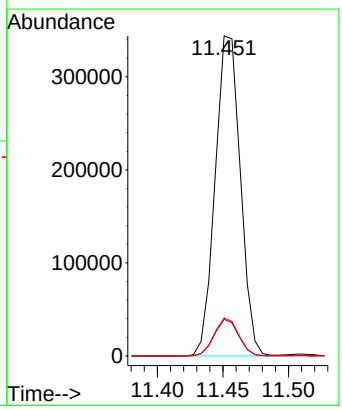


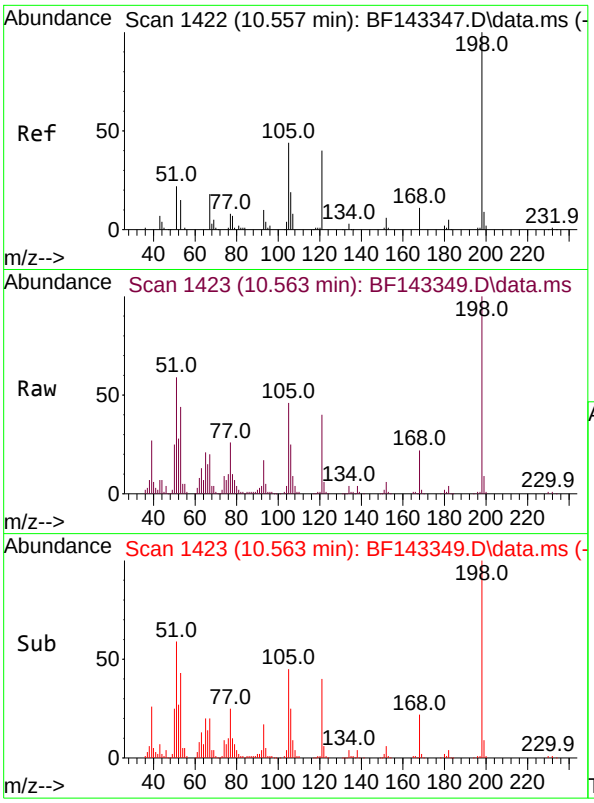


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:188 Resp: 460173

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.8	13.2
80	11.9	9.7	14.5



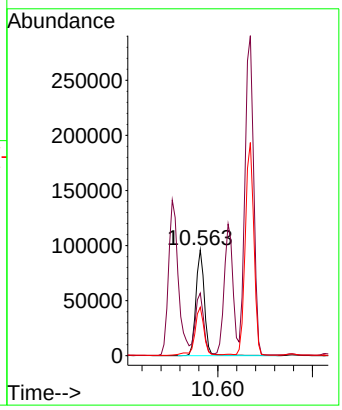


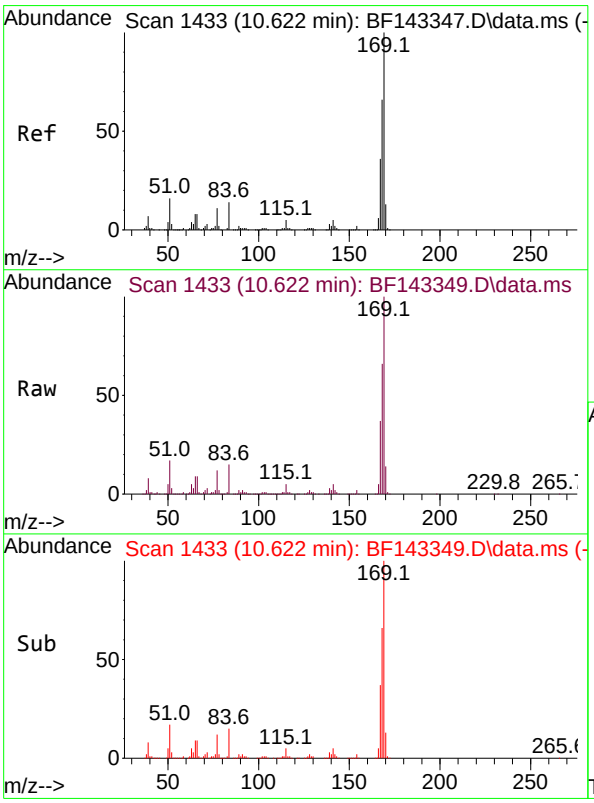
#65
4,6-Dinitro-2-methylphenol
Concen: 61.844 ng
RT: 10.563 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 119734

Ion	Ratio	Lower	Upper
198	100		
51	59.2	41.7	81.7
105	45.8	26.8	66.8

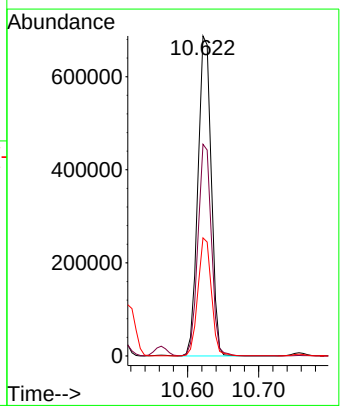


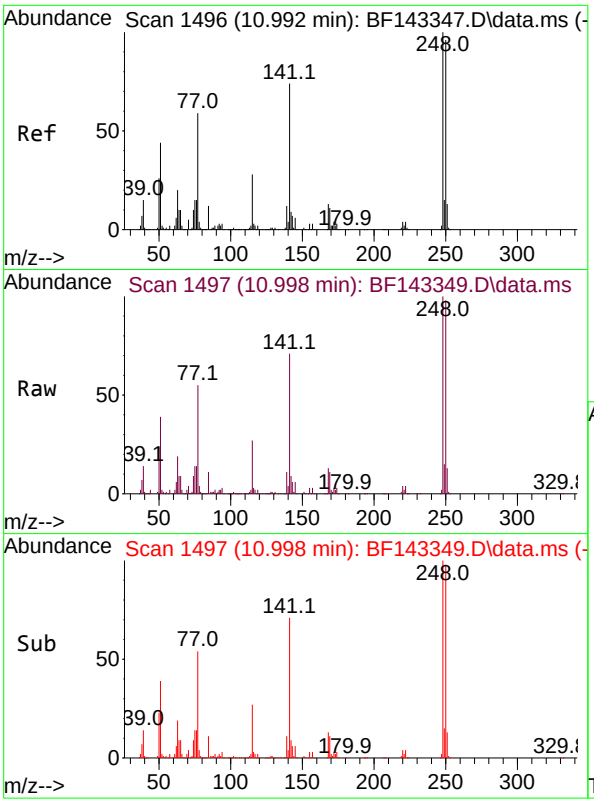


#66
n-Nitrosodiphenylamine
Concen: 59.328 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:169 Resp: 898967

Ion	Ratio	Lower	Upper
169	100		
168	66.2	52.7	79.1
167	36.9	28.6	42.8



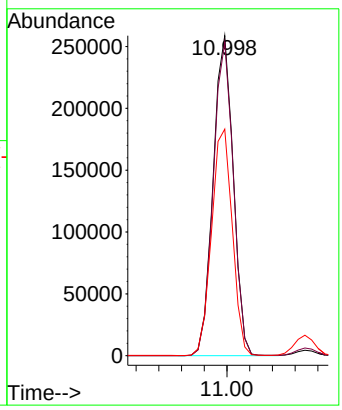


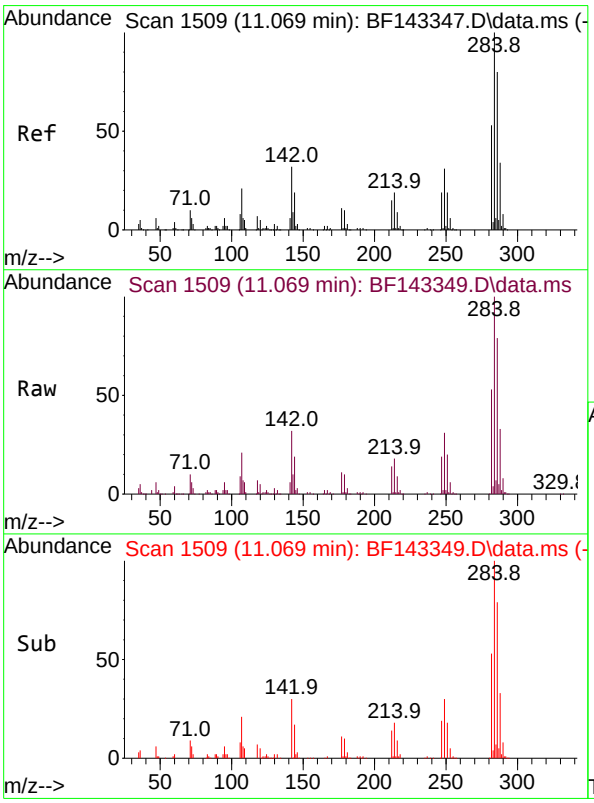
#67
4-Bromophenyl-phenylether
Concen: 60.555 ng
RT: 10.998 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 318696

Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.1	115.7
141	70.8	59.1	88.7

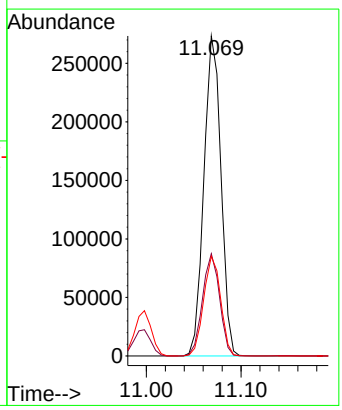


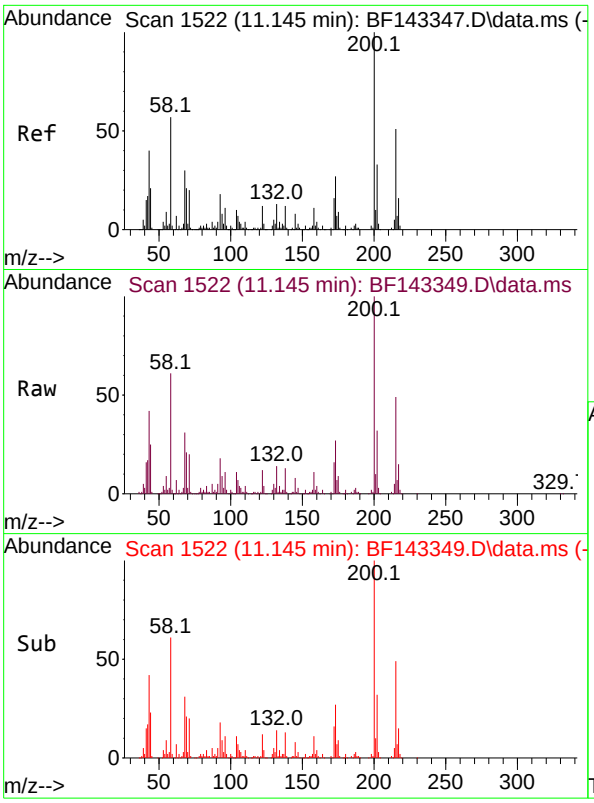


#68
Hexachlorobenzene
Concen: 60.282 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:284 Resp: 341976

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.7	38.5
249	31.1	24.6	37.0



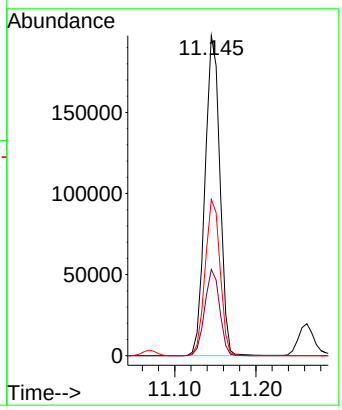


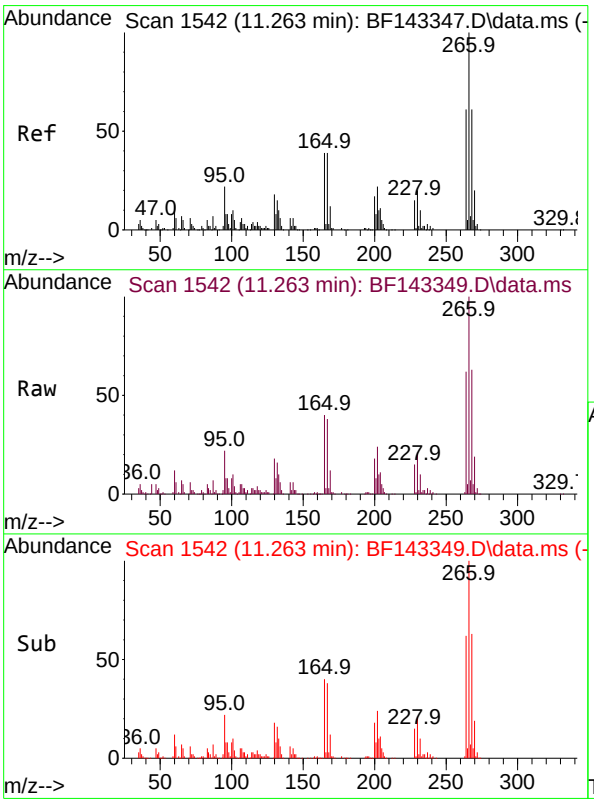
#69
Atrazine
Concen: 63.410 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 250602

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.6	46.6
215	48.9	30.6	70.6

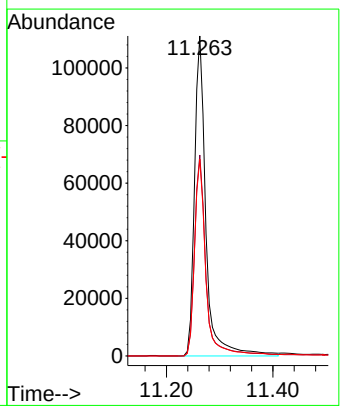


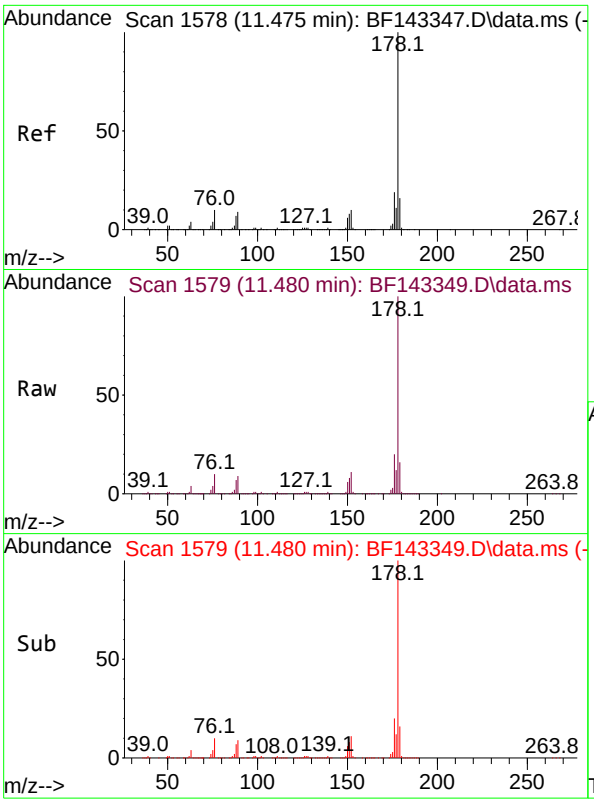


#70
Pentachlorophenol
Concen: 61.169 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:266 Resp: 165675

Ion	Ratio	Lower	Upper
266	100		
268	62.8	48.8	73.2
264	61.5	48.8	73.2



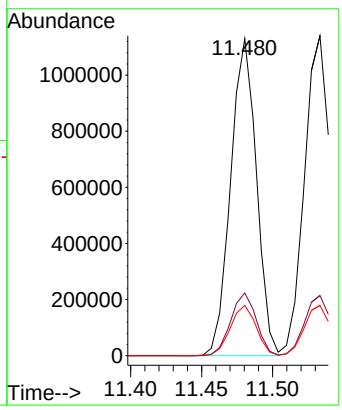


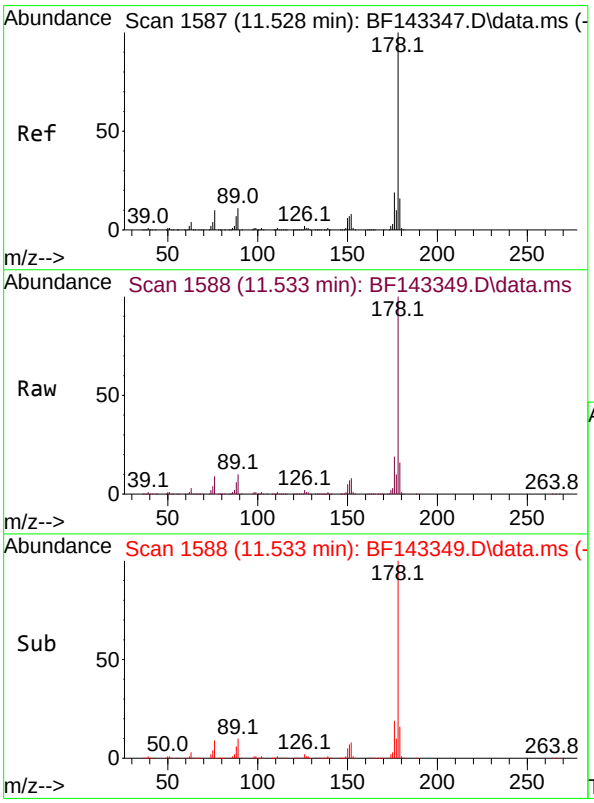
#71
Phenanthrene
Concen: 56.831 ng
RT: 11.480 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 1426848

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.9	12.5	18.7

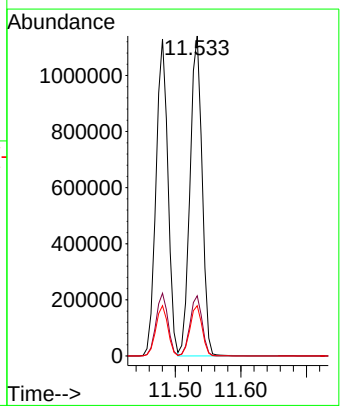


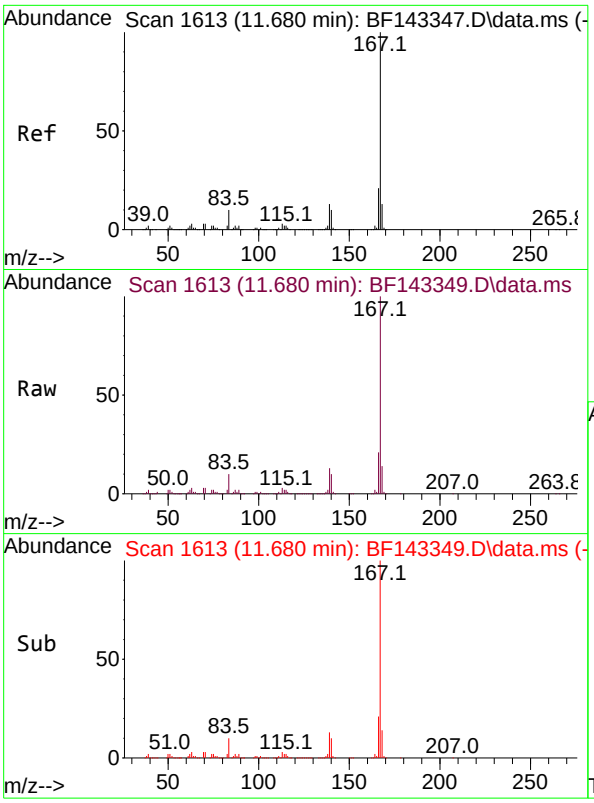


#72
Anthracene
Concen: 57.330 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:178 Resp: 1459751

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.7	12.7	19.1



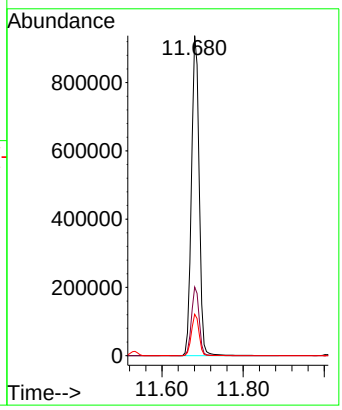


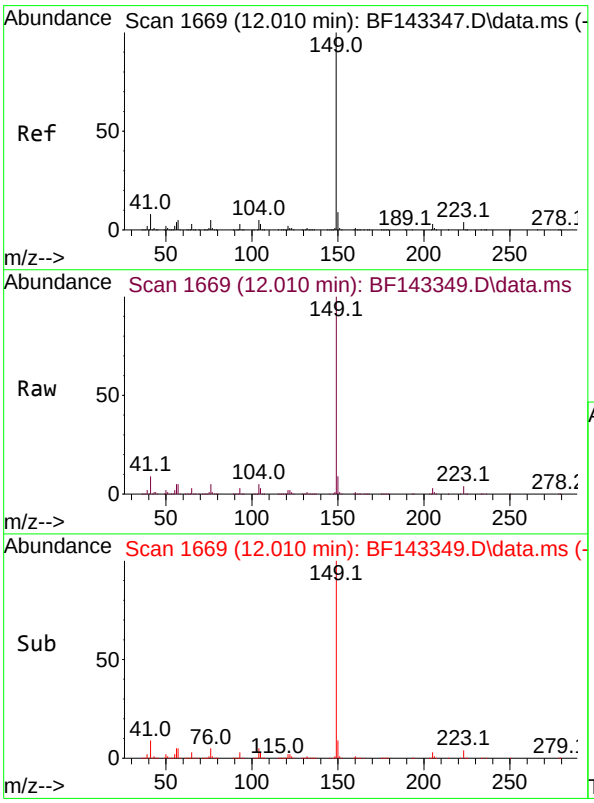
#73
Carbazole
Concen: 56.857 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 1232939

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.8	25.2
139	13.0	10.2	15.2

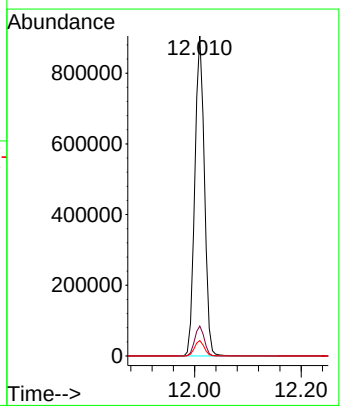


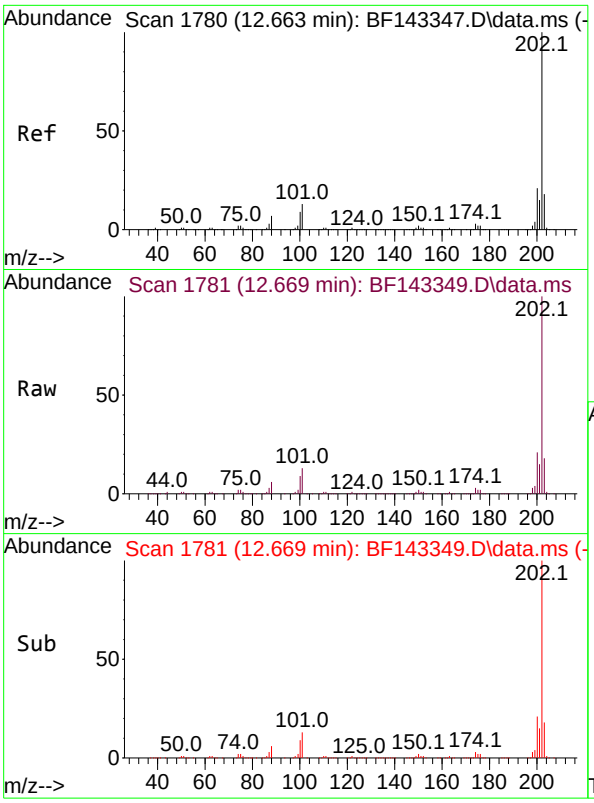


#74
Di-n-butylphthalate
Concen: 61.437 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:149 Resp: 1127365

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.8	3.8	5.8



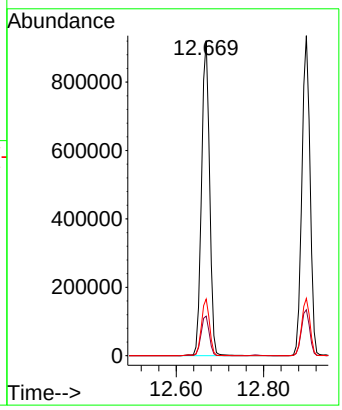


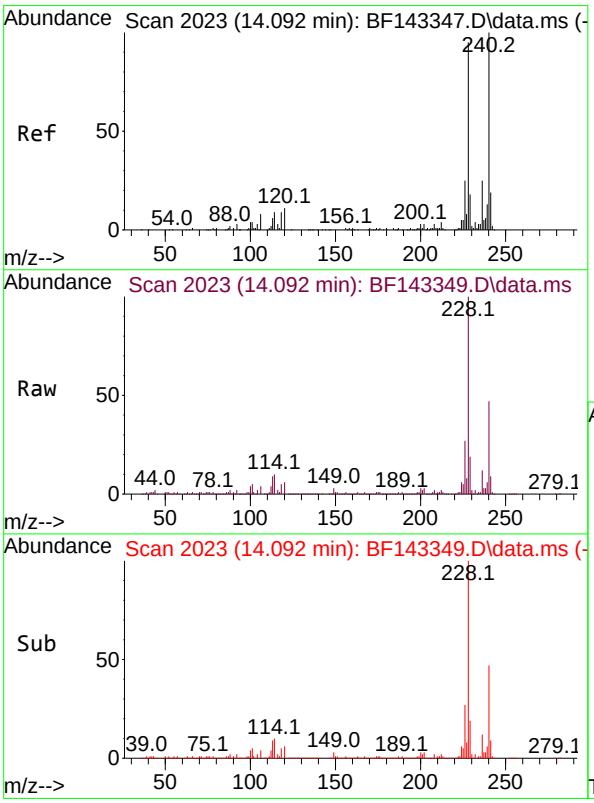
#75
Fluoranthene
Concen: 53.737 ng
RT: 12.669 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 1181812

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	18.0	0.0	37.6

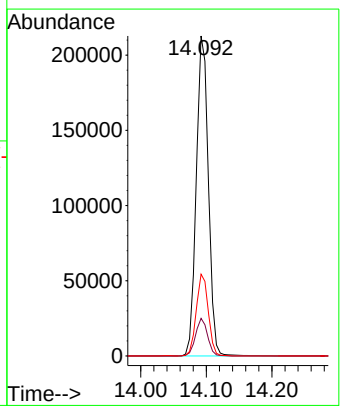


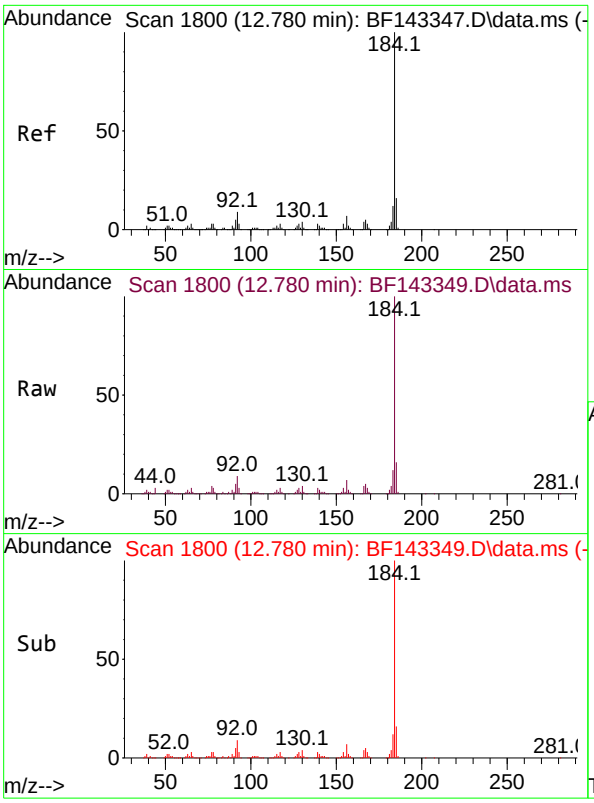


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:240 Resp: 273246

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.6
236	25.6	19.9	29.9



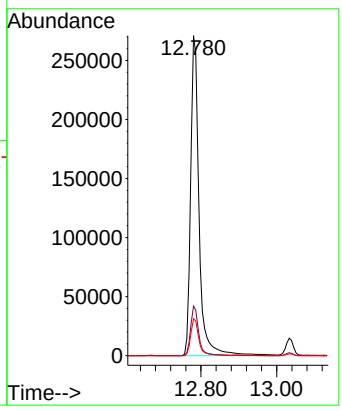


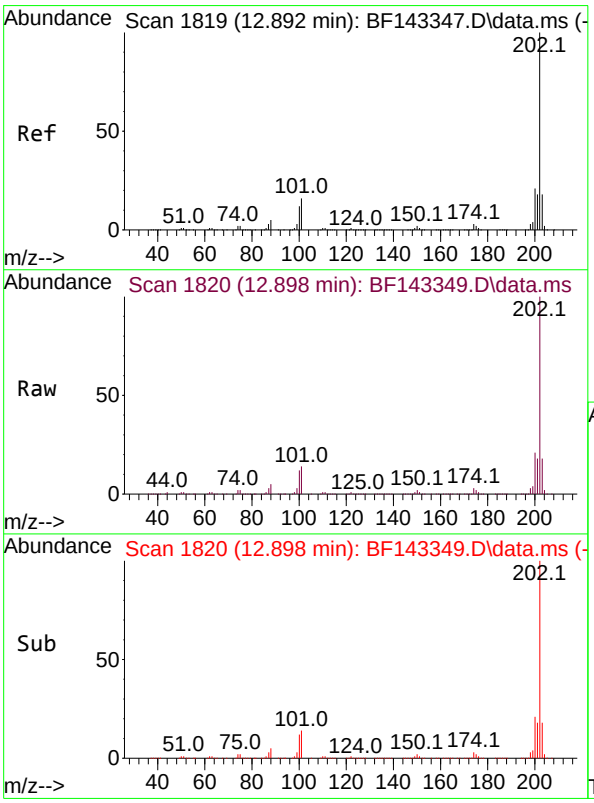
#77
Benzidine
Concen: 56.115 ng
RT: 12.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 419198

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.8	19.2
183	11.5	9.3	13.9

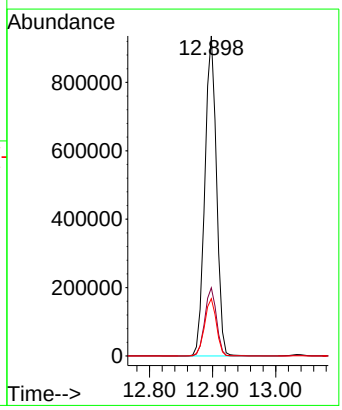


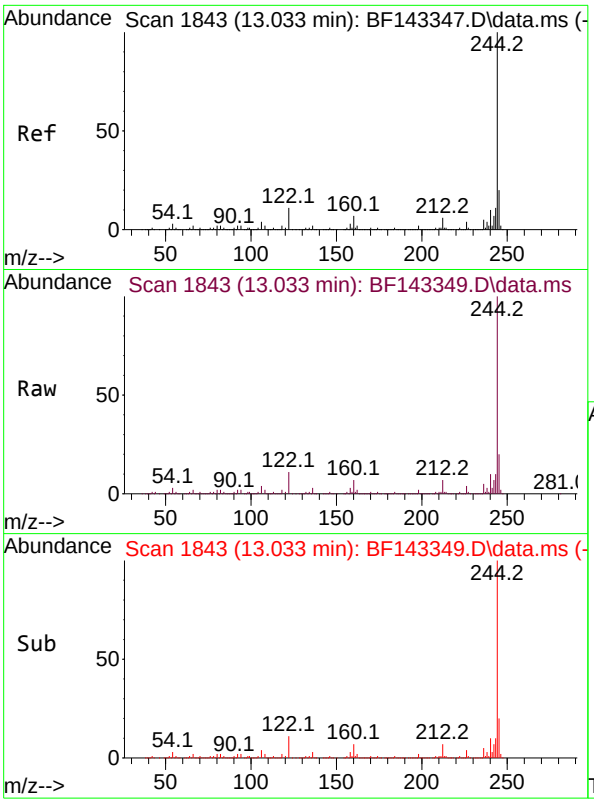


#78
Pyrene
Concen: 52.212 ng
RT: 12.898 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:202 Resp: 1196849

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.9	14.2	21.4



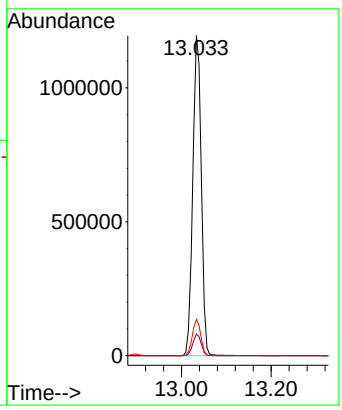


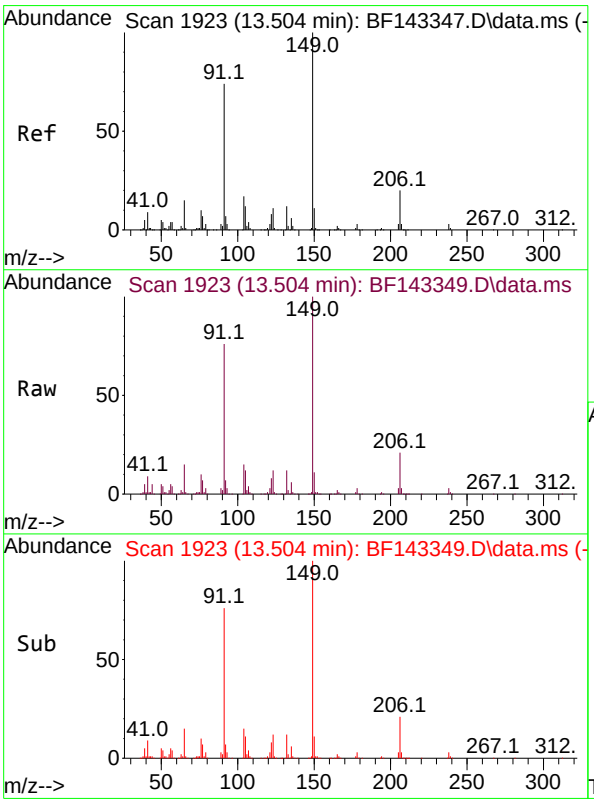
#79
Terphenyl-d14
Concen: 102.507 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1568868

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.1	7.7
122	11.3	8.9	13.3

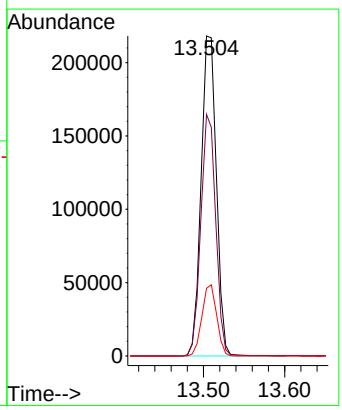


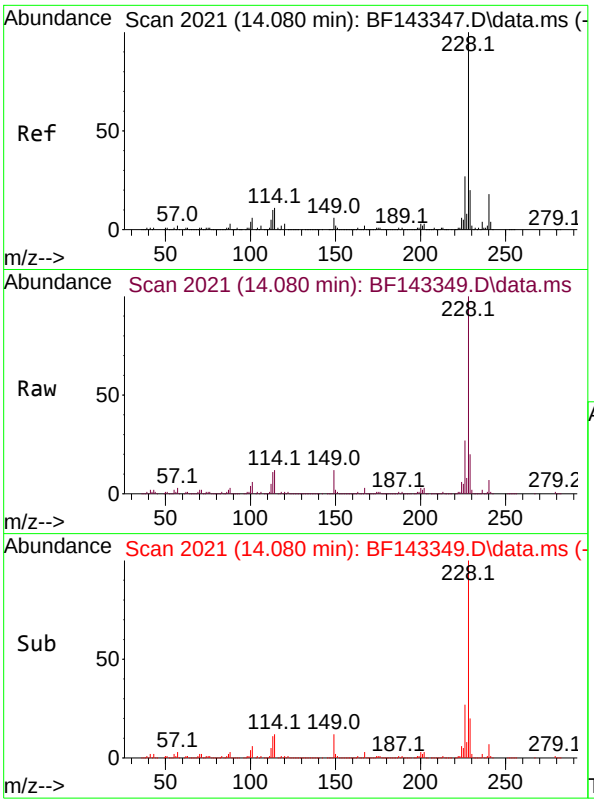


#80
Butylbenzylphthalate
Concen: 61.669 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:149 Resp: 283998

Ion	Ratio	Lower	Upper
149	100		
91	75.5	58.8	88.2
206	21.2	16.4	24.6



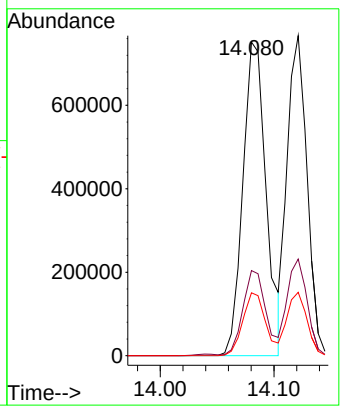


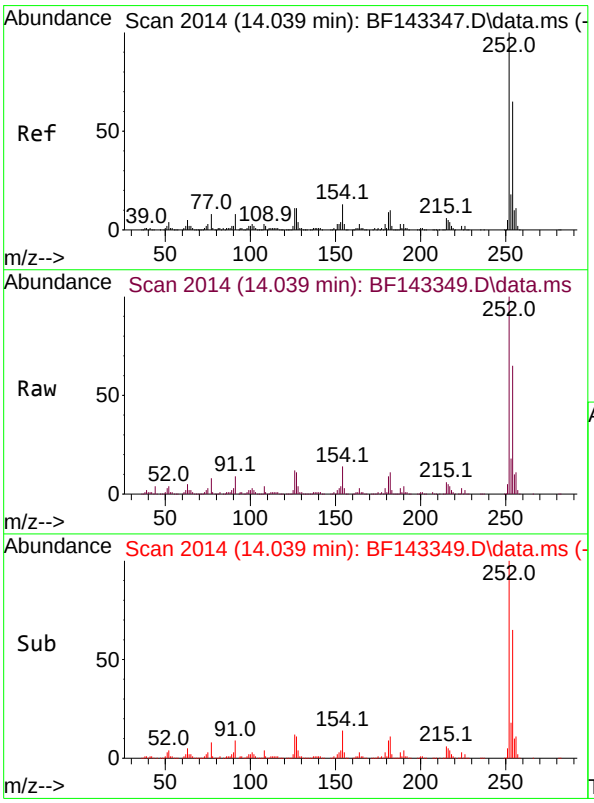
#81
Benzo(a)anthracene
Concen: 61.763 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 1072649

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.0	33.0
229	20.1	15.8	23.8

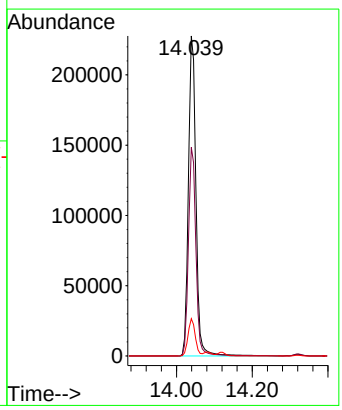


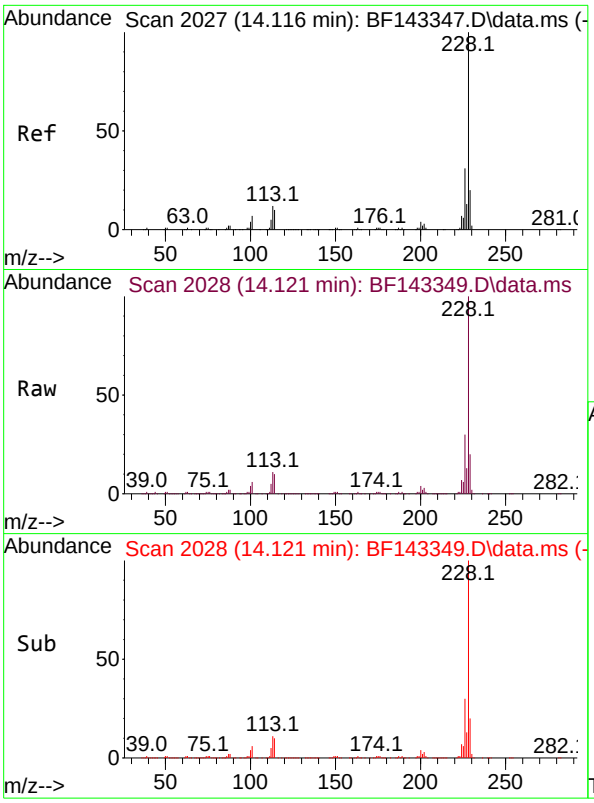


#82
3,3'-Dichlorobenzidine
Concen: 66.762 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:252 Resp: 313084

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.7	77.5
126	11.7	9.2	13.8



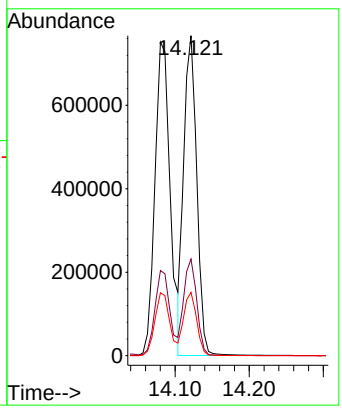


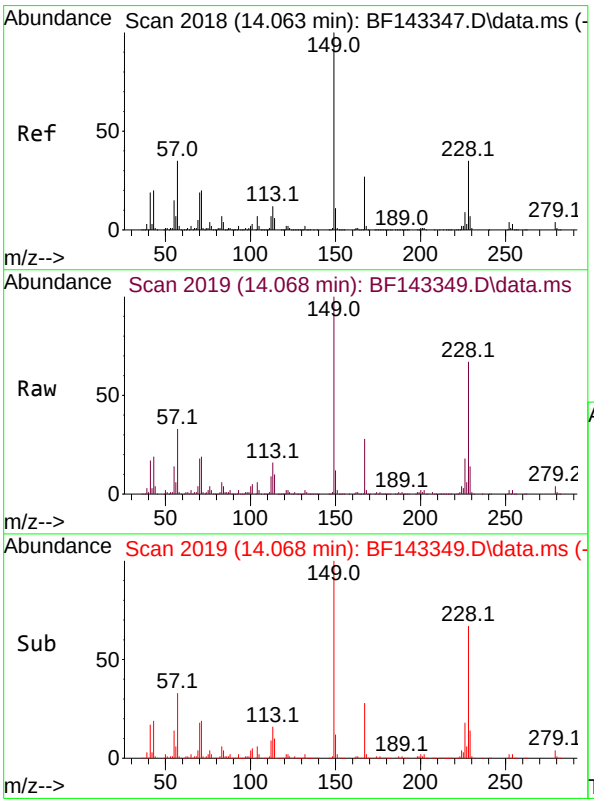
#83
Chrysene
Concen: 57.863 ng
RT: 14.121 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 937047

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.8	15.8	23.6

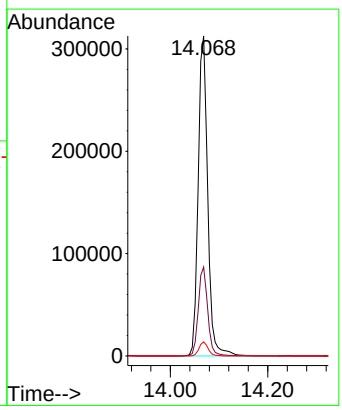


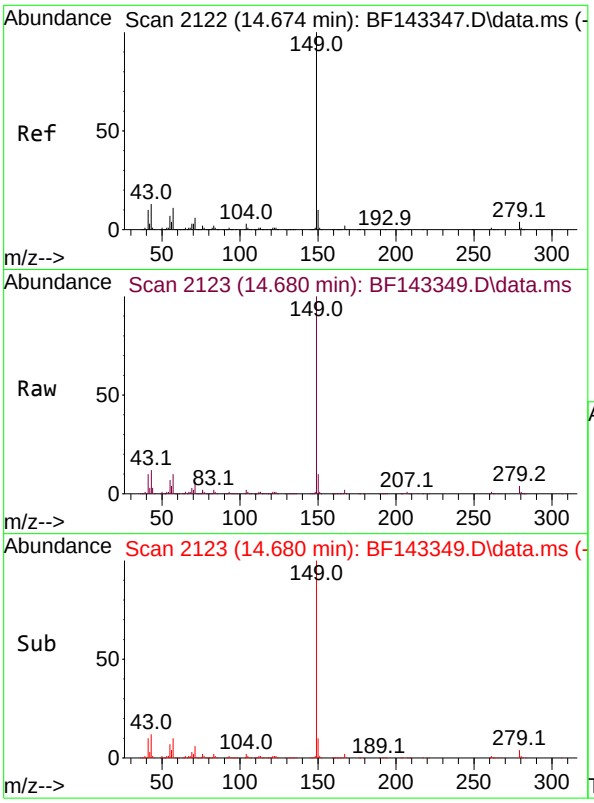


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.688 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.005 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:149 Resp: 426553

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.4	32.0
279	4.4	3.2	4.8



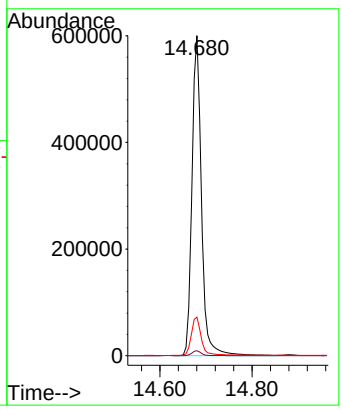


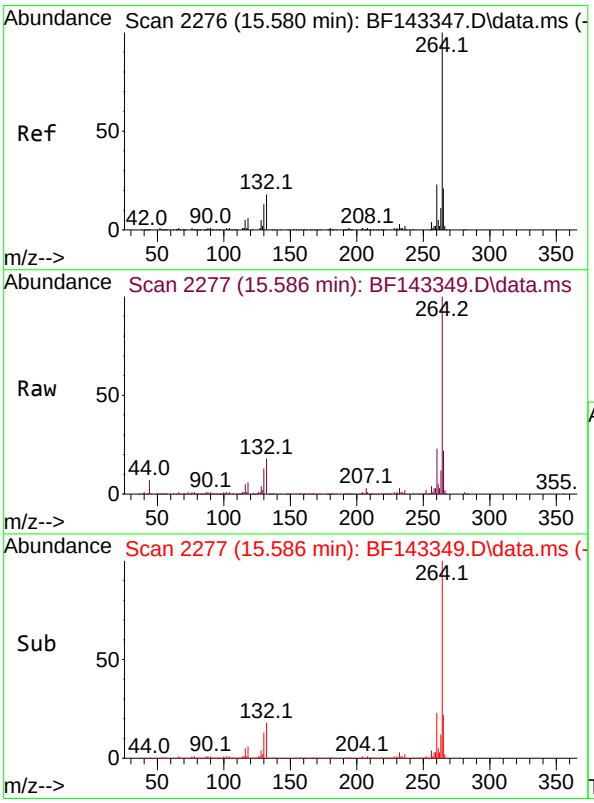
#85
Di-n-octyl phthalate
Concen: 62.516 ng
RT: 14.680 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 856960

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.9	10.8	16.2

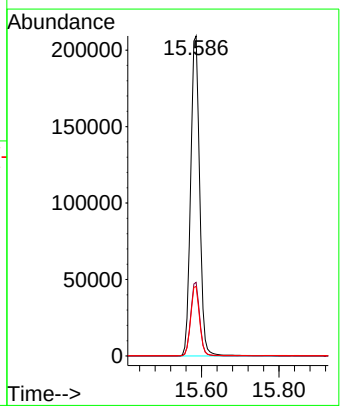


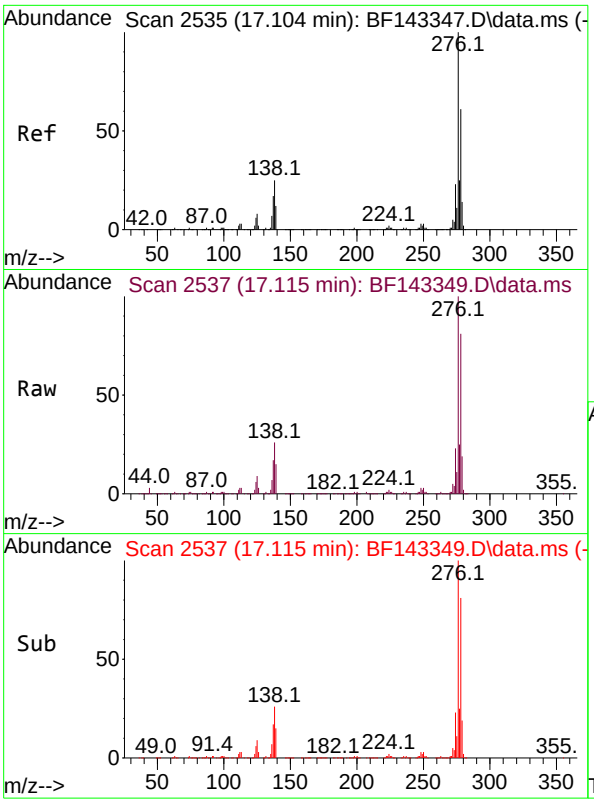


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2277
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:264 Resp: 337675

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.7	17.2	25.8



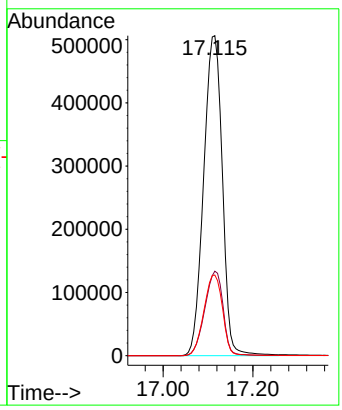


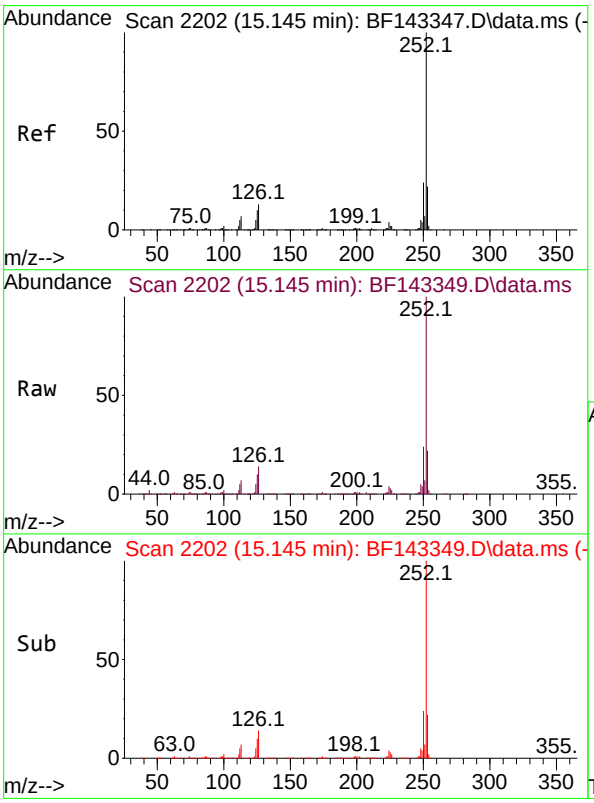
#87
Indeno(1,2,3-cd)pyrene
Concen: 60.440 ng
RT: 17.115 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 1462168

Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.1	31.7
277	25.2	20.2	30.2

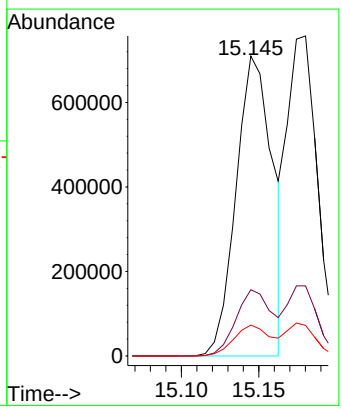


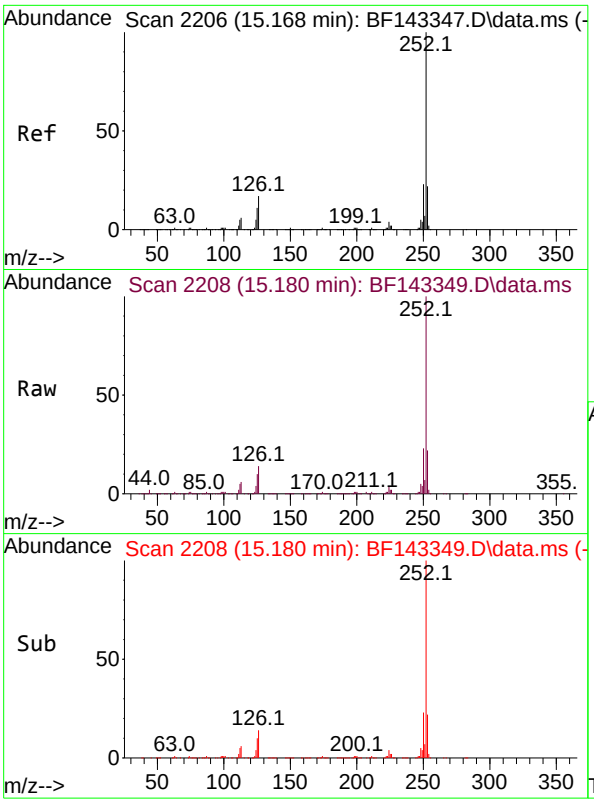


#88
Benzo(b)fluoranthene
Concen: 62.905 ng
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:252 Resp: 1161807

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.3	7.8	11.6



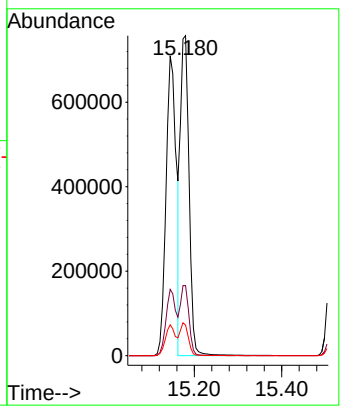


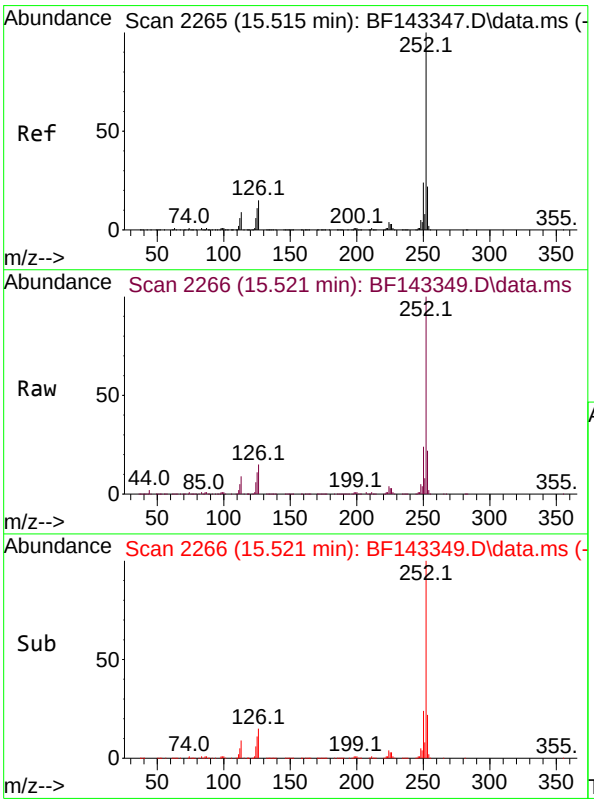
#89
Benzo(k)fluoranthene
Concen: 57.673 ng
RT: 15.180 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 1035022

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.5	8.4	12.6

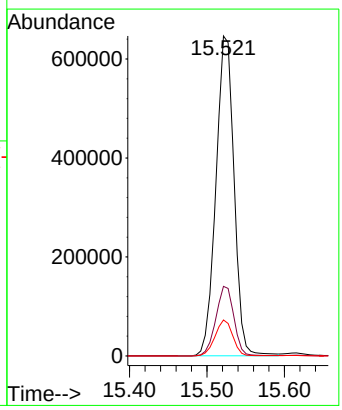


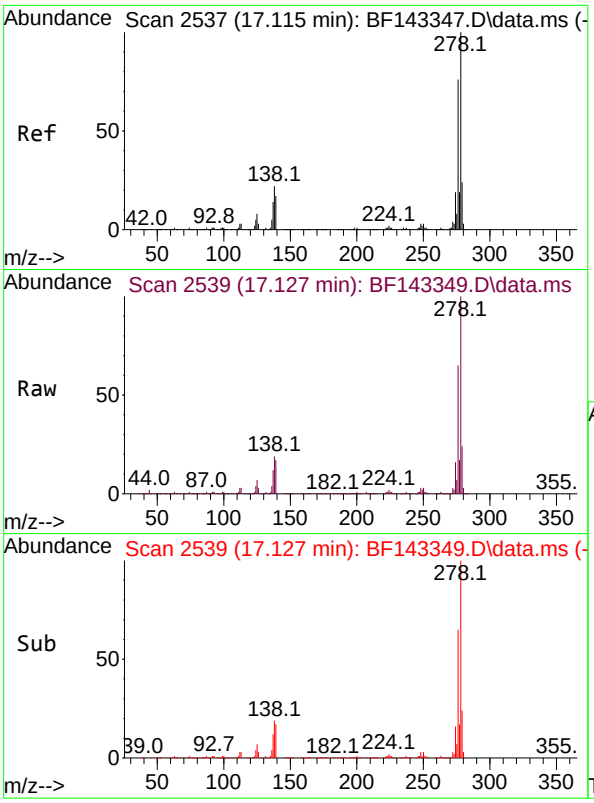


#90
Benzo(a)pyrene
Concen: 60.510 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:252 Resp: 1052580

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.3	9.1	13.7



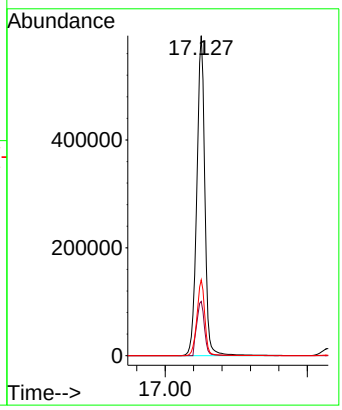


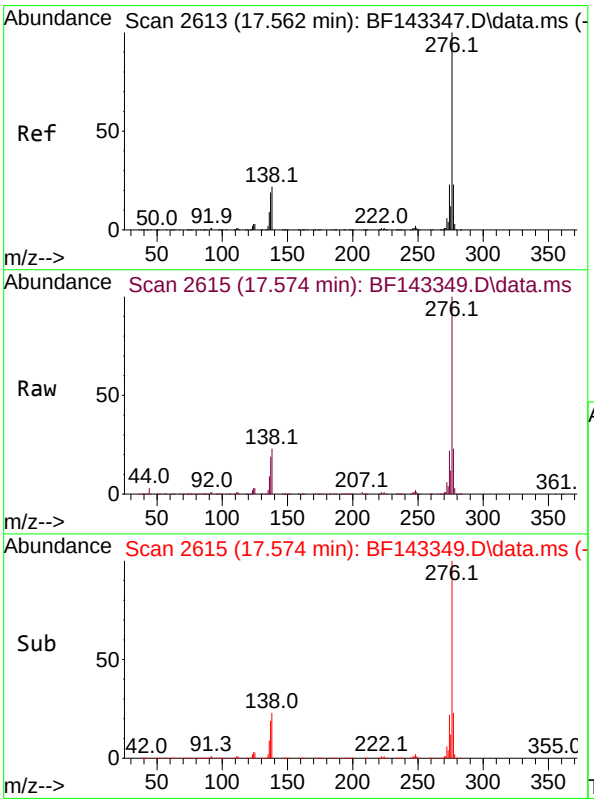
#91
Dibenzo(a,h)anthracene
Concen: 60.556 ng
RT: 17.127 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 1170363

Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.0	21.0
279	23.7	19.4	29.0

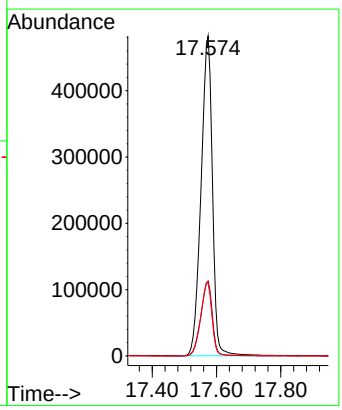




#92
Benzo(g,h,i)perylene
Concen: 60.761 ng
RT: 17.574 min Scan# 2615
Delta R.T. 0.012 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:276 Resp: 1182985

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	22.7	17.8	26.8



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143350.D
Acq On : 12 Aug 2025 12:38
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 12 13:21:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	161665	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	625065	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	322984	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	448378	20.000	ng	0.00
76) Chrysene-d12	14.098	240	287871	20.000	ng	0.00
86) Perylene-d12	15.586	264	348017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1409194	150.735	ng	0.00
7) Phenol-d6	6.569	99	1792088	149.482	ng	0.00
23) Nitrobenzene-d5	7.498	82	1619091	161.306	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	411864	174.486	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2457872	129.045	ng	0.00
79) Terphenyl-d14	13.039	244	1935761	120.053	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	379076	78.360	ng	99
3) Pyridine	3.534	79	1042960	80.904	ng	98
4) n-Nitrosodimethylamine	3.493	42	494211	82.300	ng	99
6) Aniline	6.598	93	1263279	74.743	ng	95
8) 2-Chlorophenol	6.722	128	793255	79.409	ng	98
10) Phenol	6.586	94	1037512	73.052	ng	76
11) bis(2-Chloroethyl)ether	6.669	93	798392	76.275	ng	100
12) 1,3-Dichlorobenzene	6.875	146	830769	72.101	ng	98
13) 1,4-Dichlorobenzene	6.951	146	837059	72.382	ng	99
14) 1,2-Dichlorobenzene	7.104	146	806180	73.439	ng	100
15) Benzyl Alcohol	7.075	79	697448	81.158	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1335184	71.450	ng	98
17) 2-Methylphenol	7.186	107	654221	77.585	ng	98
18) Hexachloroethane	7.445	117	286839	79.115	ng	99
19) n-Nitroso-di-n-propyla...	7.351	70	541387	73.083	ng	98
20) 3+4-Methylphenols	7.339	107	727332	71.322	ng	93
22) Acetophenone	7.345	105	952975	69.195	ng	97
24) Nitrobenzene	7.516	77	868093	79.634	ng	99
25) Isophorone	7.757	82	1574935	76.861	ng	99
26) 2-Nitrophenol	7.828	139	376225	83.229	ng	99
27) 2,4-Dimethylphenol	7.869	122	667248	78.052	ng	99
28) bis(2-Chloroethoxy)met...	7.957	93	921854	73.686	ng	99
29) 2,4-Dichlorophenol	8.075	162	654545	78.392	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	649172	73.707	ng	99
31) Naphthalene	8.239	128	2098892	69.783	ng	99
32) Benzoic acid	8.004	122	354618	78.960	ng	99
33) 4-Chloroaniline	8.280	127	816103	75.228	ng	99
34) Hexachlorobutadiene	8.357	225	403199	73.592	ng	100
35) Caprolactam	8.669	113	197571	84.172	ng	97
36) 4-Chloro-3-methylphenol	8.769	107	674001	77.000	ng	98
37) 2-Methylnaphthalene	8.927	142	1370352	69.303	ng	99
38) 1-Methylnaphthalene	9.027	142	1328881	69.780	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	644623	72.936	ng	100
41) Hexachlorocyclopentadiene	9.086	237	259048	82.835	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	437022	87.149	ng	100
44) 2,4,5-Trichlorophenol	9.251	196	466807	82.433	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143350.D
Acq On : 12 Aug 2025 12:38
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 12 13:21:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.392	154	1580379	69.203	ng		99
47) 2-Chloronaphthalene	9.416	162	1295723	72.042	ng		99
48) 2-Nitroaniline	9.510	65	426490	80.247	ng		98
49) Acenaphthylene	9.833	152	1865988	71.842	ng		100
50) Dimethylphthalate	9.686	163	1425124	75.513	ng		100
51) 2,6-Dinitrotoluene	9.751	165	294018	80.211	ng		95
52) Acenaphthene	10.004	154	1221046	70.714	ng		99
53) 3-Nitroaniline	9.922	138	343541	88.887	ng		98
54) 2,4-Dinitrophenol	10.027	184	118753	79.041	ng	#	84
55) Dibenzofuran	10.174	168	1738835	69.969	ng		98
56) 4-Nitrophenol	10.080	139	245374	79.477	ng		97
57) 2,4-Dinitrotoluene	10.151	165	383533	78.864	ng		97
58) Fluorene	10.522	166	1273759	67.103	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	349157	91.466	ng		98
60) Diethylphthalate	10.386	149	1258798	74.465	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	643793	70.191	ng		98
62) 4-Nitroaniline	10.533	138	312667	83.616	ng		98
63) Azobenzene	10.669	77	1376109	71.269	ng		98
65) 4,6-Dinitro-2-methylph...	10.569	198	162929	83.490	ng		93
66) n-Nitrosodiphenylamine	10.627	169	1124872	76.190	ng		100
67) 4-Bromophenyl-phenylether	10.998	248	405148	79.007	ng		97
68) Hexachlorobenzene	11.074	284	431148	78.001	ng		96
69) Atrazine	11.151	200	309748	80.438	ng		99
70) Pentachlorophenol	11.263	266	218250	80.616	ng		97
71) Phenanthrene	11.480	178	1745493	71.351	ng		99
72) Anthracene	11.533	178	1758274	70.871	ng		100
73) Carbazole	11.686	167	1479652	70.029	ng		99
74) Di-n-butylphthalate	12.010	149	1398975	78.244	ng		100
75) Fluoranthene	12.668	202	1470742	68.634	ng		99
77) Benzidine	12.786	184	500314	63.571	ng		98
78) Pyrene	12.898	202	1513789	62.684	ng		99
80) Butylbenzylphthalate	13.510	149	413801	84.007	ng		98
81) Benzo(a)anthracene	14.086	228	1387766	75.847	ng		100
82) 3,3'-Dichlorobenzidine	14.045	252	412736	83.540	ng		99
83) Chrysene	14.121	228	1263816	74.077	ng		98
84) Bis(2-ethylhexyl)phtha...	14.068	149	611031	83.803	ng		98
85) Di-n-octyl phthalate	14.680	149	1205873	81.478	ng		98
87) Indeno(1,2,3-cd)pyrene	17.121	276	1963736	78.760	ng		99
88) Benzo(b)fluoranthene	15.151	252	1467752	77.108	ng		99
89) Benzo(k)fluoranthene	15.180	252	1429731	77.299	ng		99
90) Benzo(a)pyrene	15.527	252	1403212	78.270	ng		99
91) Dibenzo(a,h)anthracene	17.133	278	1523387	76.479	ng		99
92) Benzo(g,h,i)perylene	17.580	276	1563773	77.932	ng		99

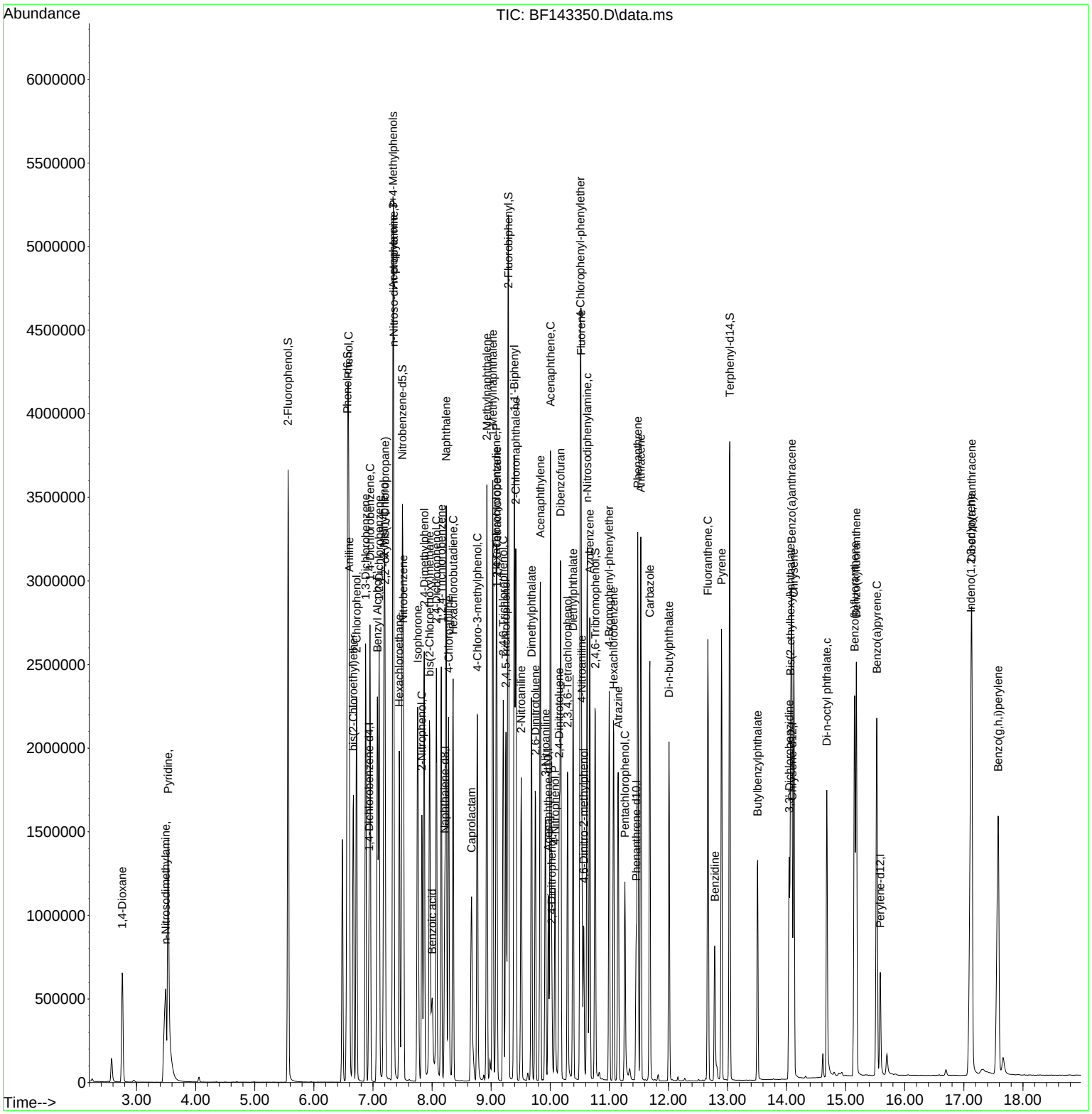
(#) = qualifier out of range (m) = manual integration (+) = signals summed

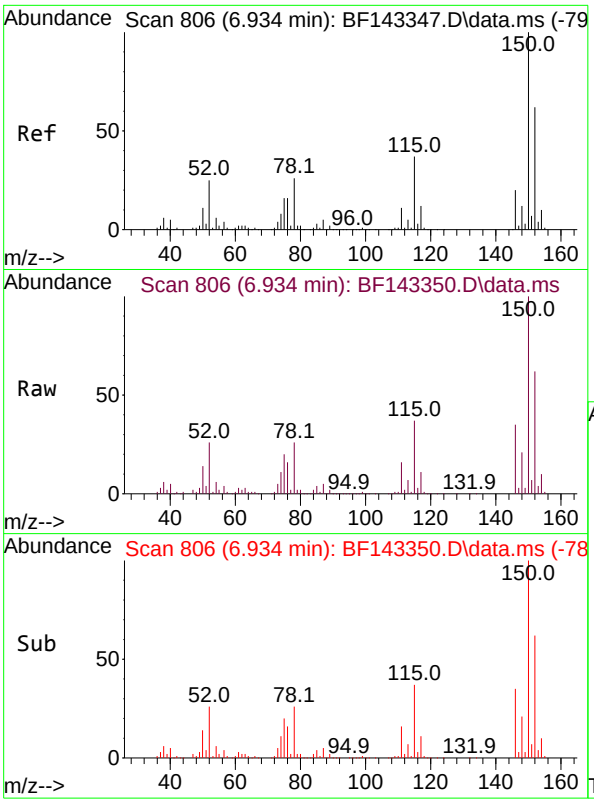
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143350.D
Acq On : 12 Aug 2025 12:38
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 12 13:21:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration



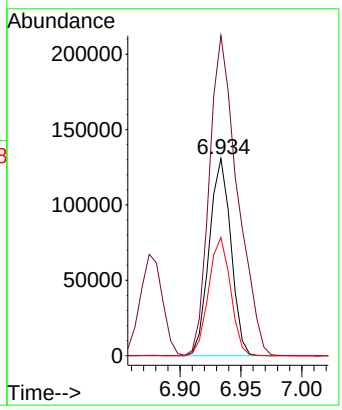


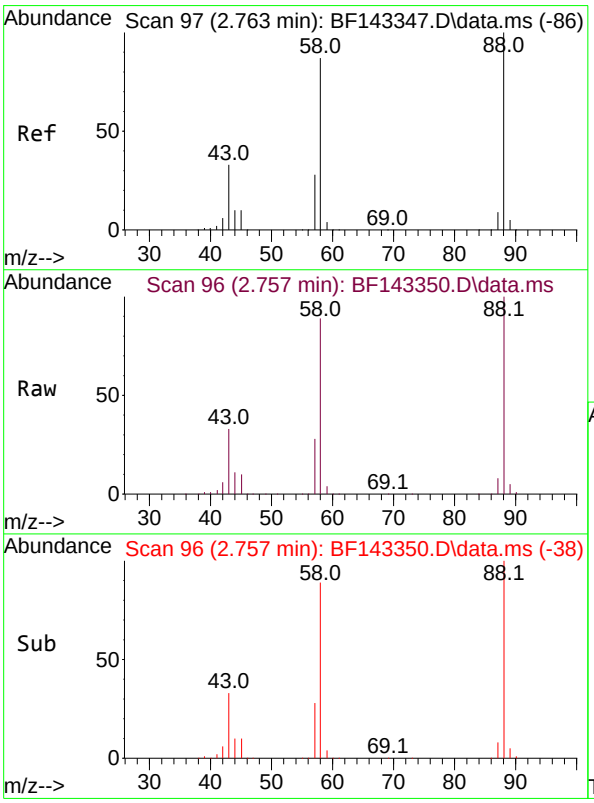
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 161665

Ion	Ratio	Lower	Upper
152	100		
150	162.4	129.8	194.8
115	60.0	47.8	71.8

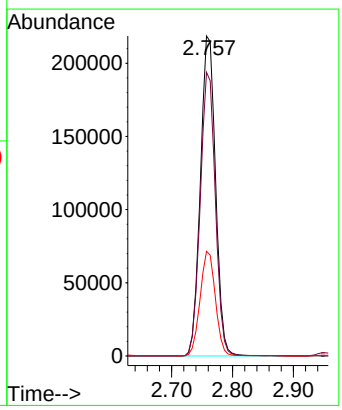


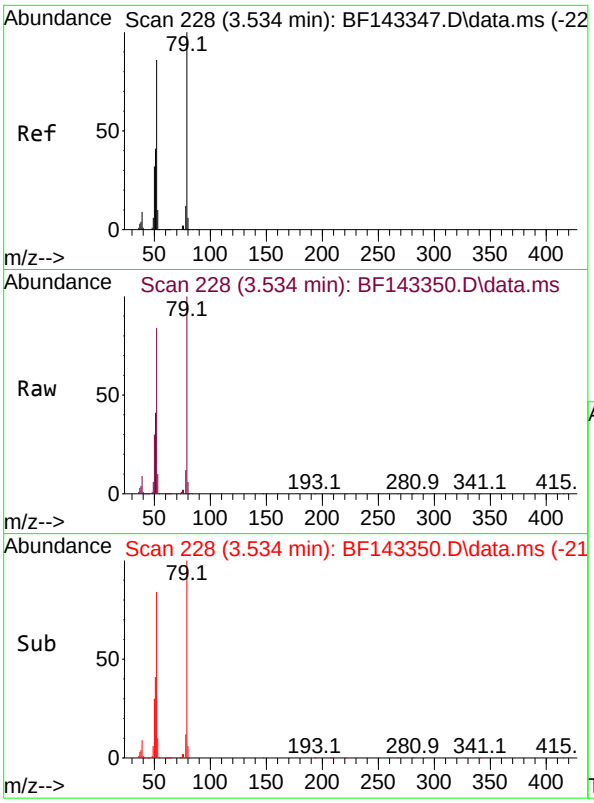


#2
1,4-Dioxane
Concen: 78.360 ng
RT: 2.757 min Scan# 96
Delta R.T. -0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 88 Resp: 379076

Ion	Ratio	Lower	Upper
88	100		
58	88.3	71.0	106.6
43	33.1	27.0	40.6



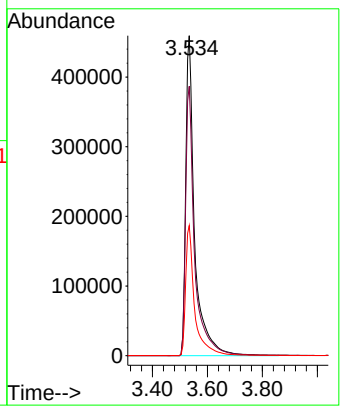


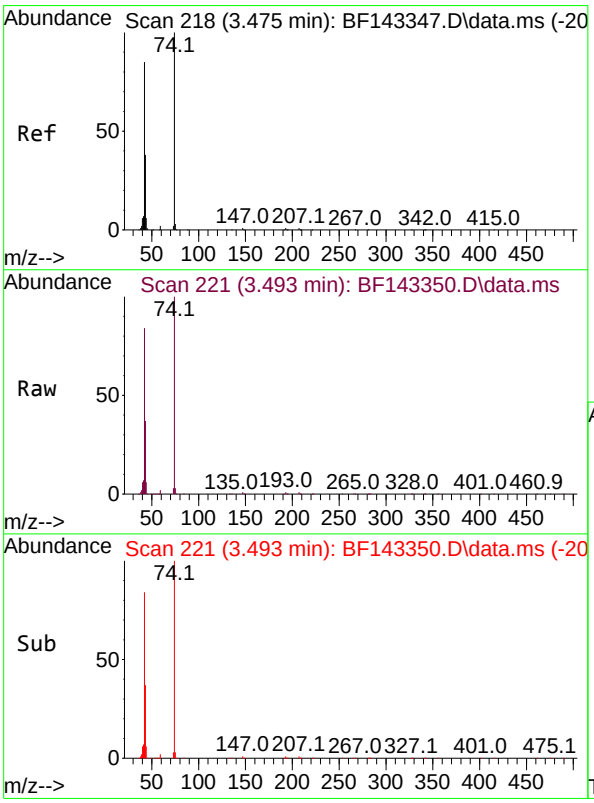
#3
Pyridine
Concen: 80.904 ng
RT: 3.534 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1042960

Ion	Ratio	Lower	Upper
79	100		
52	84.2	68.7	103.1
51	40.7	33.4	50.0

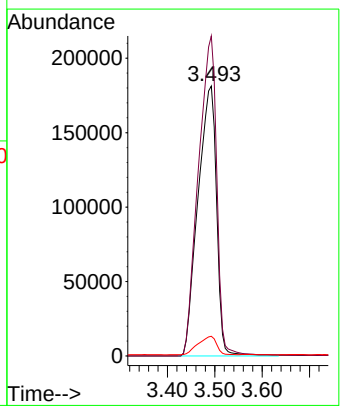


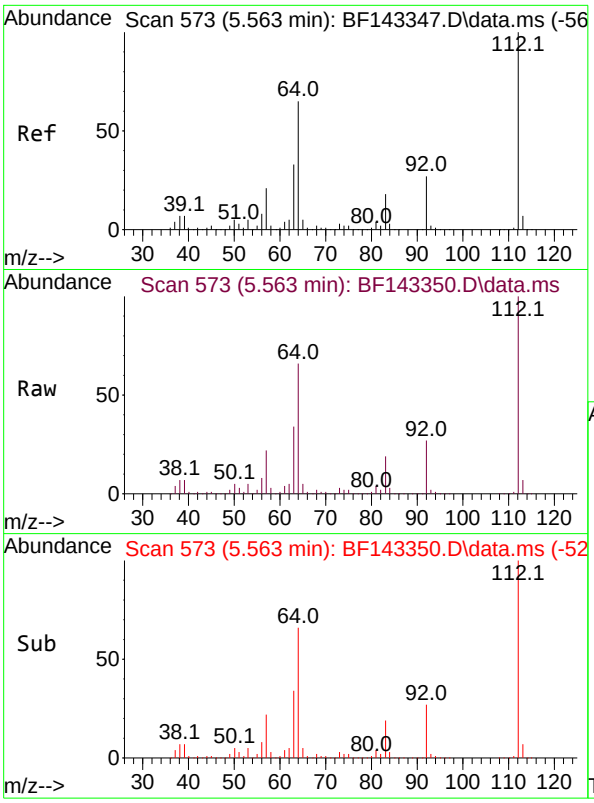


#4
n-Nitrosodimethylamine
Concen: 82.300 ng
RT: 3.493 min Scan# 221
Delta R.T. 0.017 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 42 Resp: 494211

Ion	Ratio	Lower	Upper
42	100		
74	118.6	94.1	141.1
44	7.3	6.5	9.7



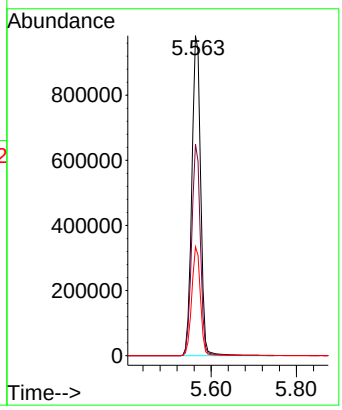


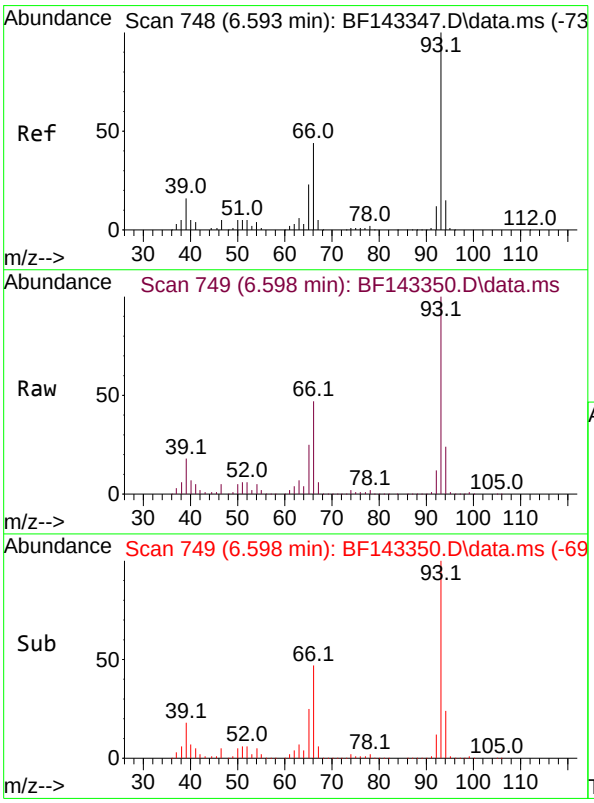
#5
2-Fluorophenol
Concen: 150.735 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1409194

Ion	Ratio	Lower	Upper
112	100		
64	66.1	52.1	78.1
63	34.0	26.6	39.8

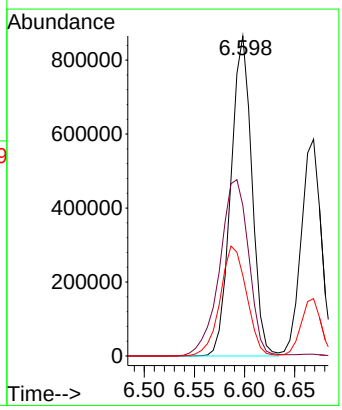


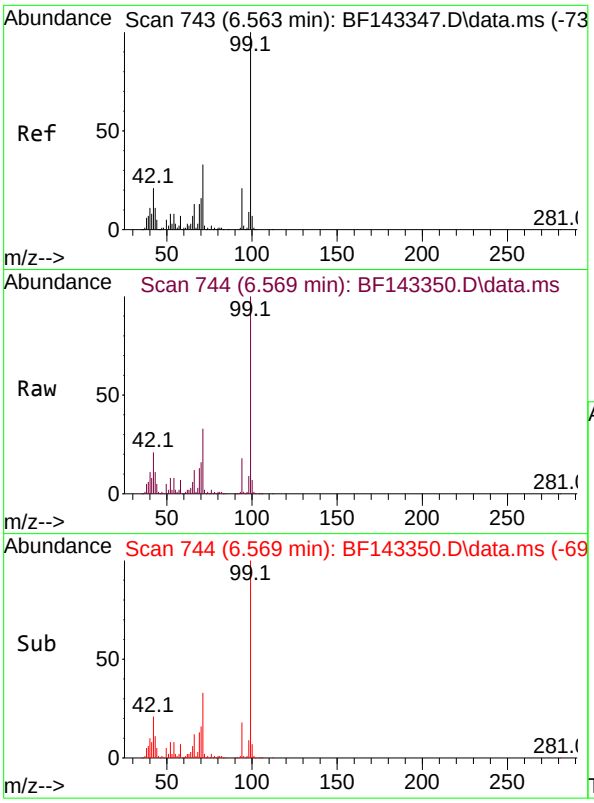


#6
Aniline
Concen: 74.743 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 93 Resp: 1263279

Ion	Ratio	Lower	Upper
93	100		
66	47.1	35.3	52.9
65	25.2	18.2	27.4



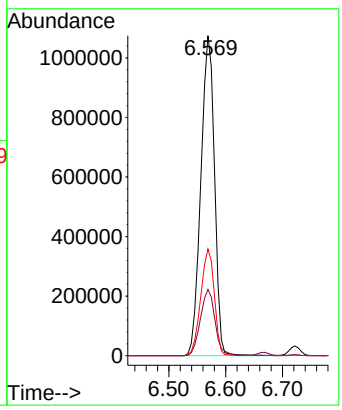


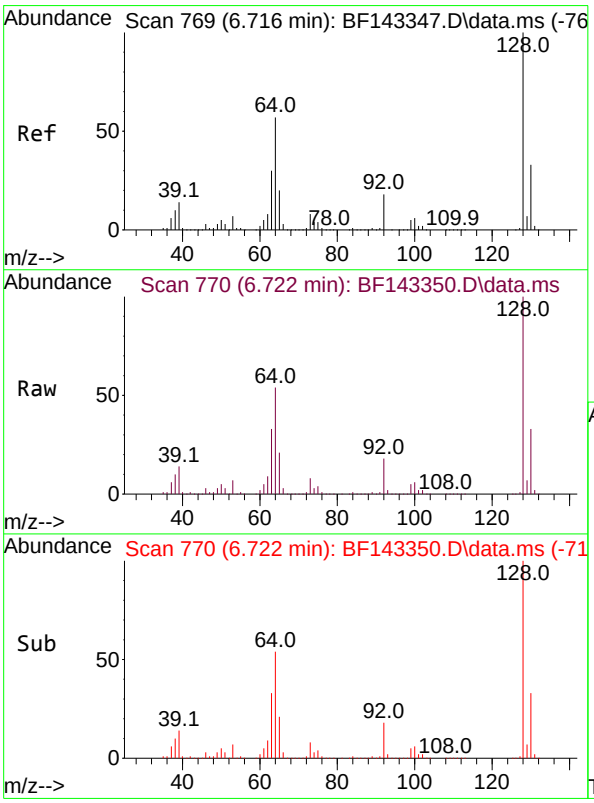
#7
Phenol-d6
Concen: 149.482 ng
RT: 6.569 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 1792088

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	25.0
71	33.4	26.2	39.2

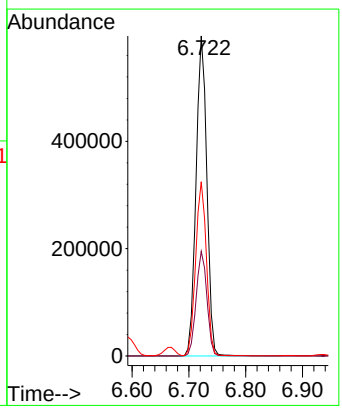


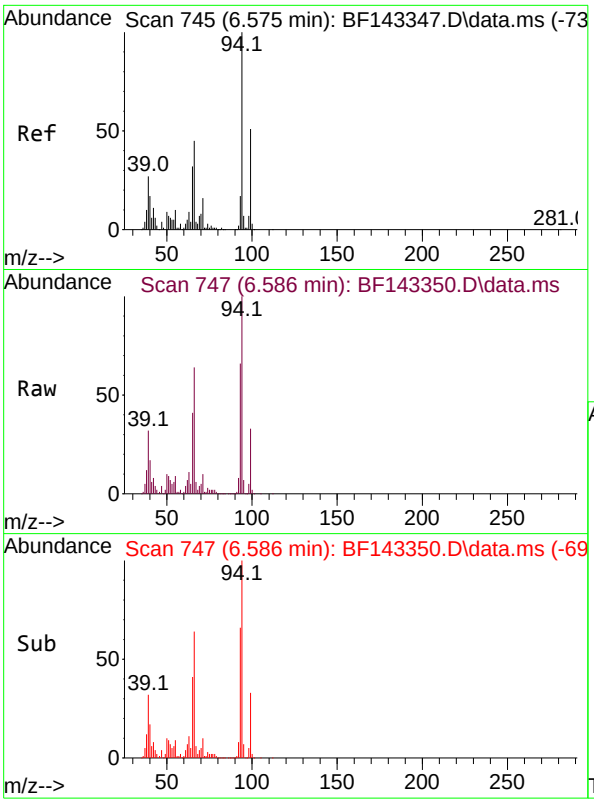


#8
2-Chlorophenol
Concen: 79.409 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:128 Resp: 793255

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	54.5	36.7	76.7



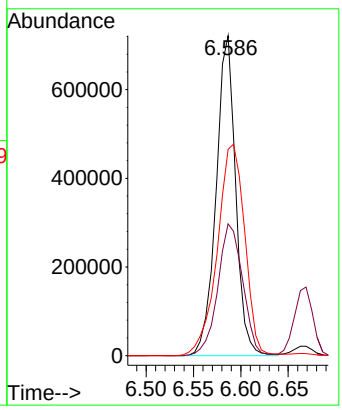


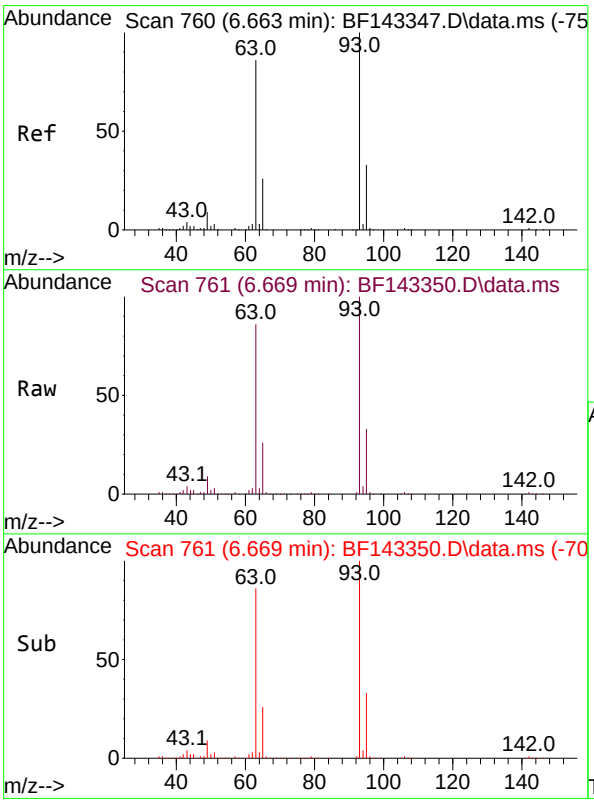
#10
Phenol
Concen: 73.052 ng
RT: 6.586 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 94 Resp: 1037512

Ion	Ratio	Lower	Upper
94	100		
65	41.2	12.0	52.0
66	64.5	25.6	65.6

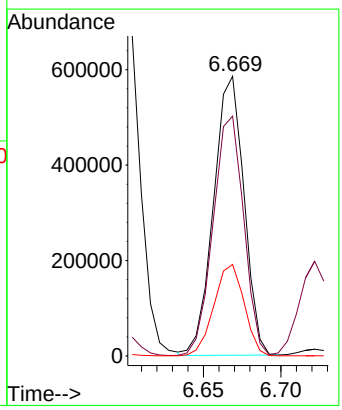


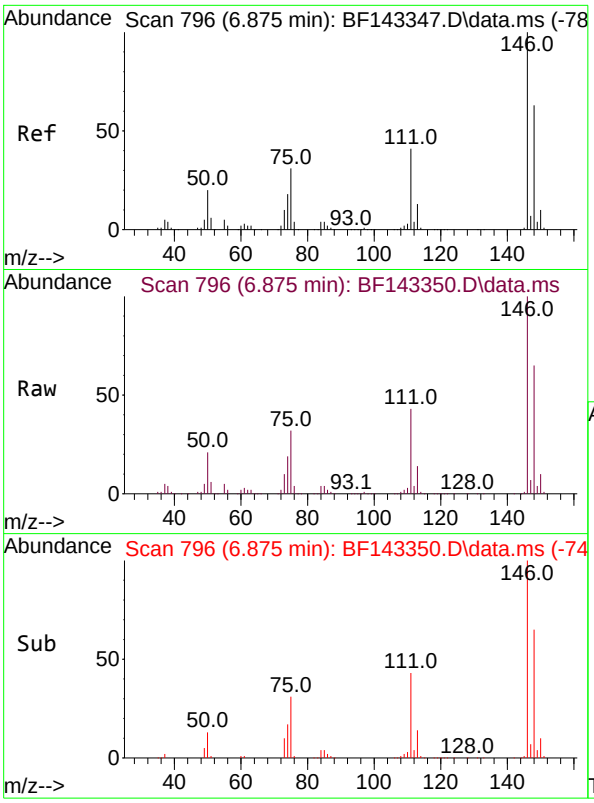


#11
bis(2-Chloroethyl)ether
Concen: 76.275 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 93 Resp: 798392

Ion	Ratio	Lower	Upper
93	100		
63	85.7	65.7	105.7
95	32.7	13.0	53.0



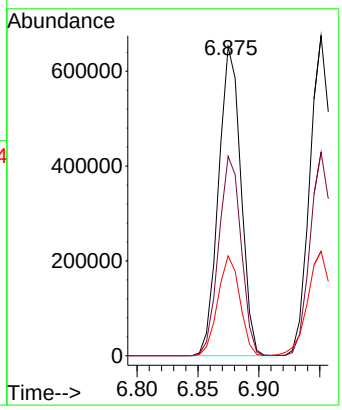


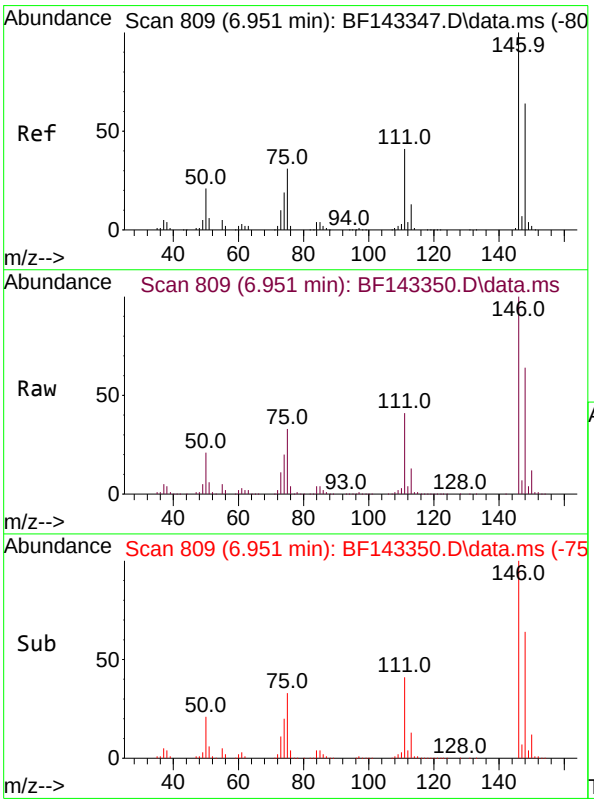
#12
1,3-Dichlorobenzene
Concen: 72.101 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 830769

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.5	75.7
75	32.3	24.9	37.3

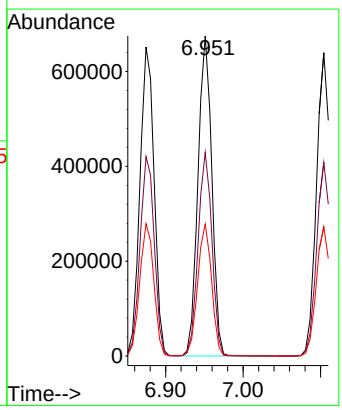


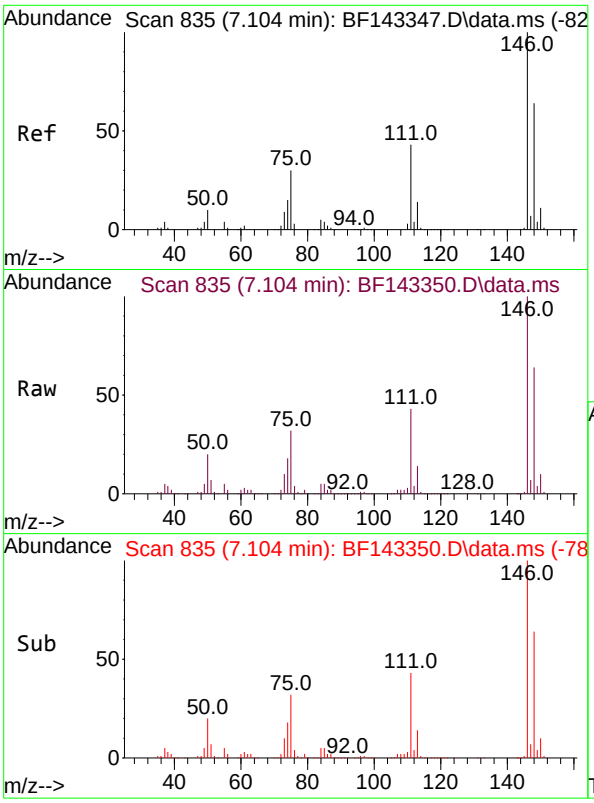


#13
1,4-Dichlorobenzene
Concen: 72.382 ng
RT: 6.951 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:146 Resp: 837059

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
111	41.3	32.6	48.8



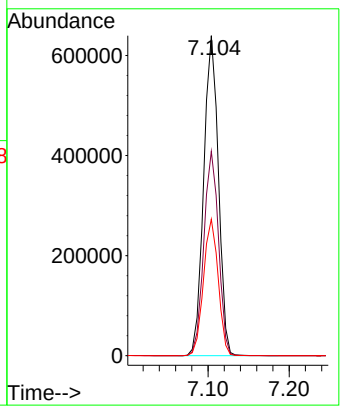


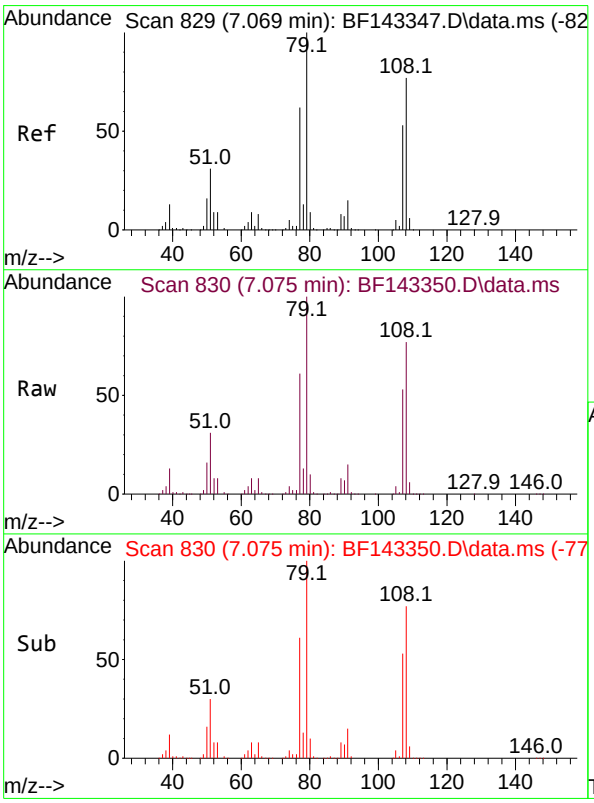
#14
1,2-Dichlorobenzene
Concen: 73.439 ng
RT: 7.104 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 806180

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
111	42.7	34.1	51.1

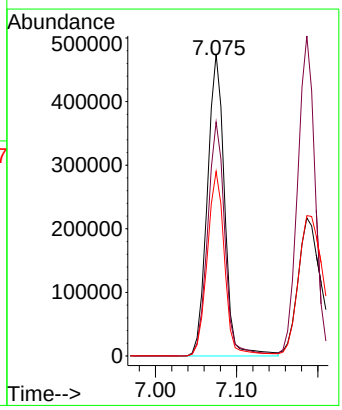


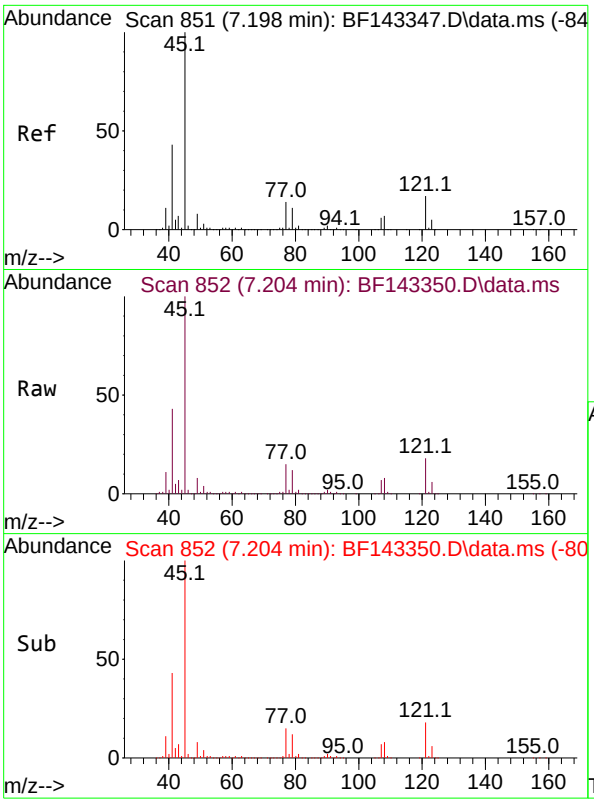


#15
Benzyl Alcohol
Concen: 81.158 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 79 Resp: 697448

Ion	Ratio	Lower	Upper
79	100		
108	77.5	61.5	92.3
77	61.1	49.8	74.8



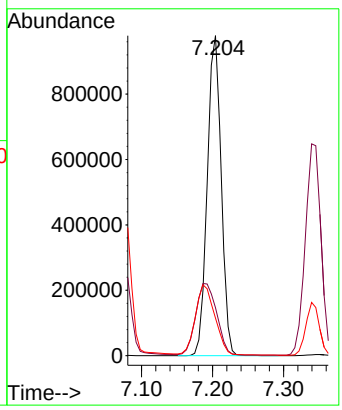


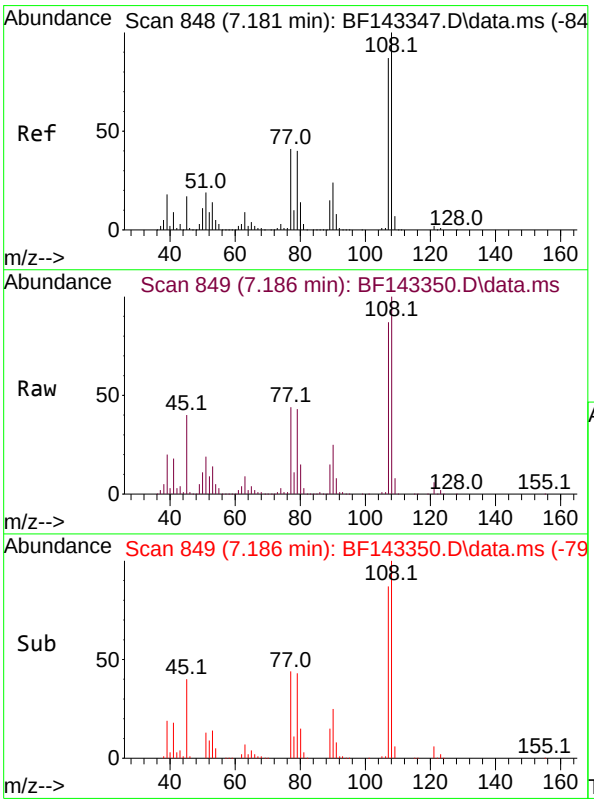
#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.450 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 1335184

Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	34.0
79	11.8	0.0	31.1

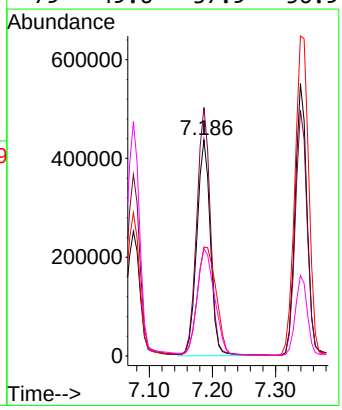


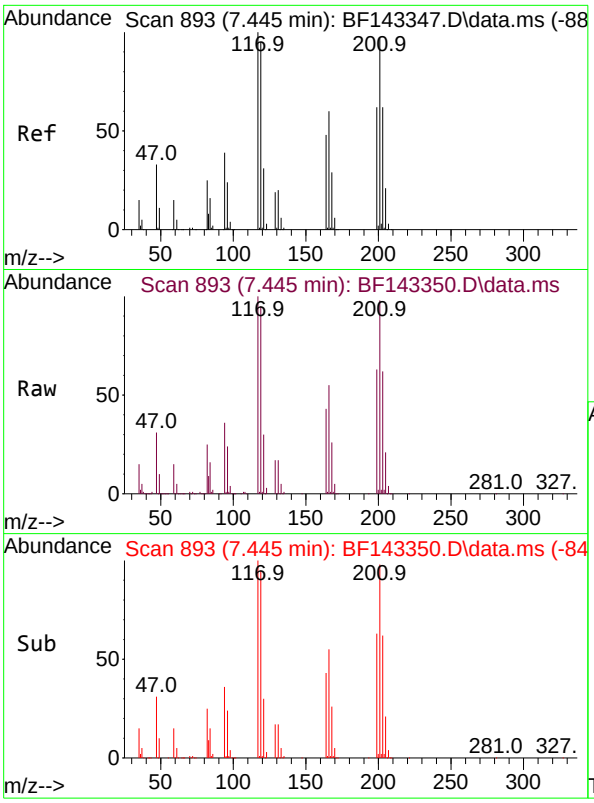


#17
2-Methylphenol
Concen: 77.585 ng
RT: 7.186 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:107 Resp: 654221

Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	50.5	38.2	57.2
79	49.6	37.9	56.9



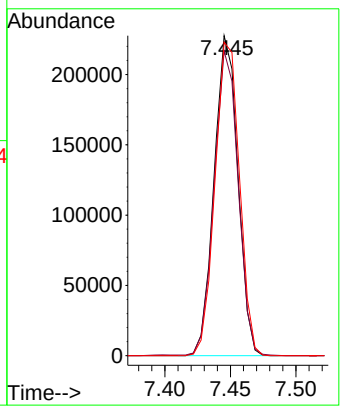


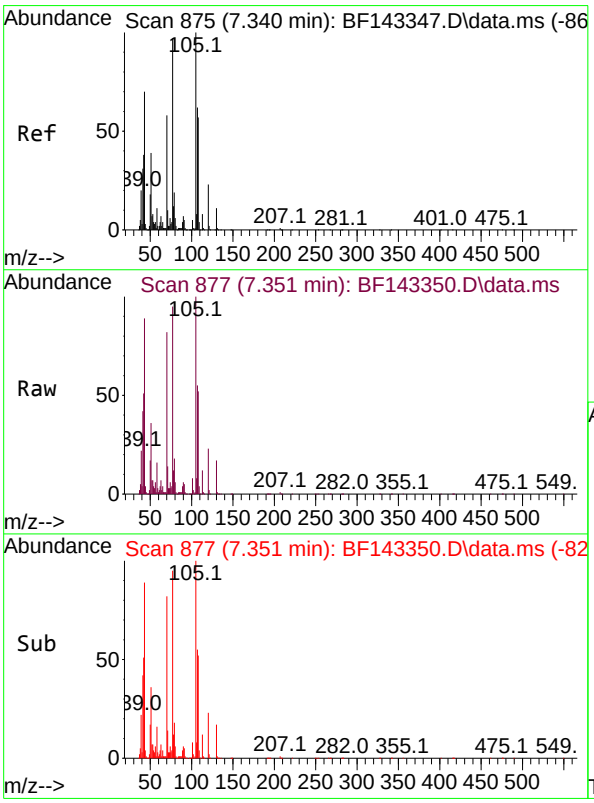
#18
Hexachloroethane
Concen: 79.115 ng
RT: 7.445 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:117 Resp: 286839

Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	98.0	77.2	115.8

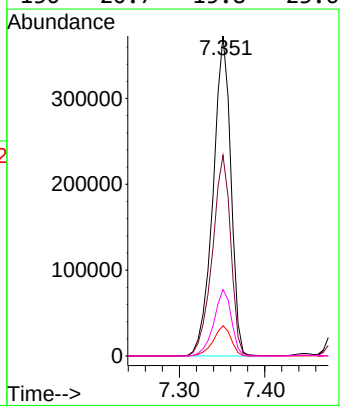


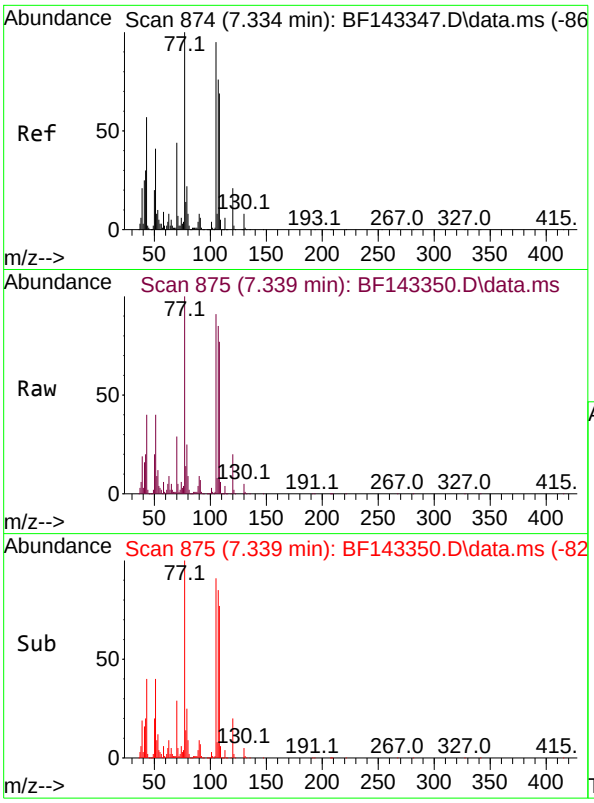


#19
n-Nitroso-di-n-propylamine
Concen: 73.083 ng
RT: 7.351 min Scan# 877
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 70 Resp: 541387

Ion	Ratio	Lower	Upper
70	100		
42	62.7	51.6	77.4
101	9.4	7.5	11.3
130	20.7	15.8	23.6



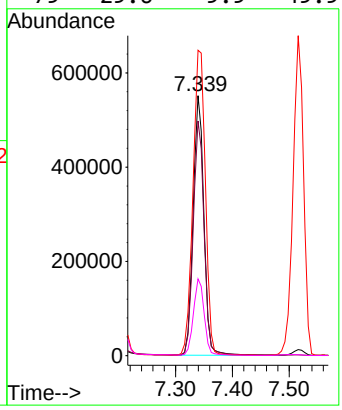


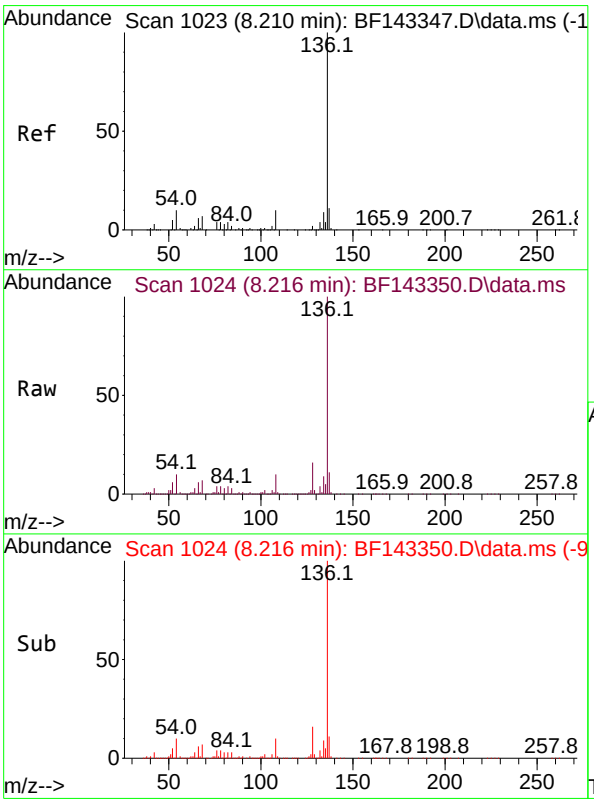
#20
3+4-Methylphenols
Concen: 71.322 ng
RT: 7.339 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 727332

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.6	110.6
77	117.5	112.0	152.0
79	29.6	9.9	49.9

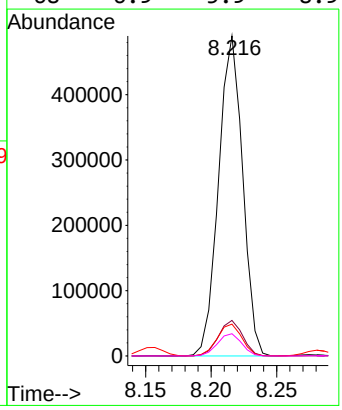


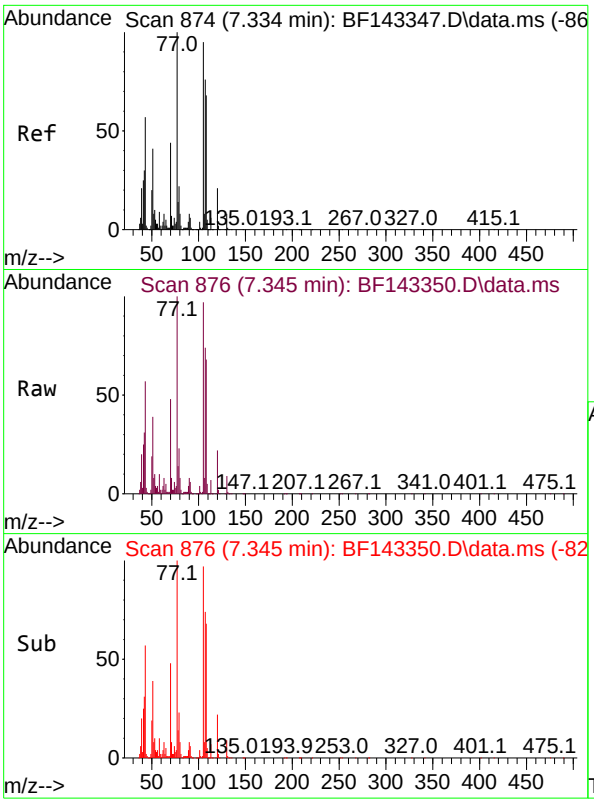


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:136 Resp: 625065

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.0	8.4	12.6
68	6.9	5.9	8.9



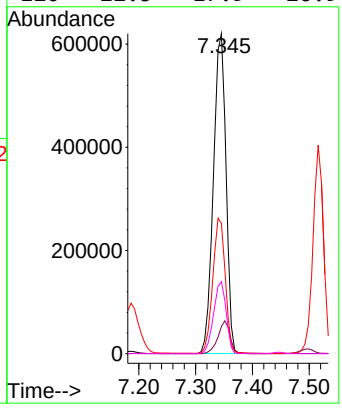


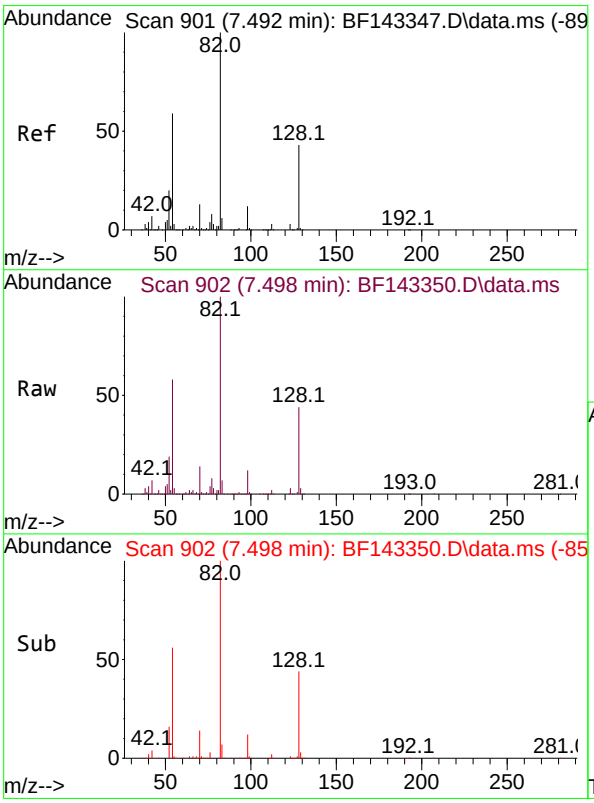
#22
Acetophenone
Concen: 69.195 ng
RT: 7.345 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:105 Resp: 952975

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.2	9.4
51	40.7	34.8	52.2
120	22.5	17.9	26.9

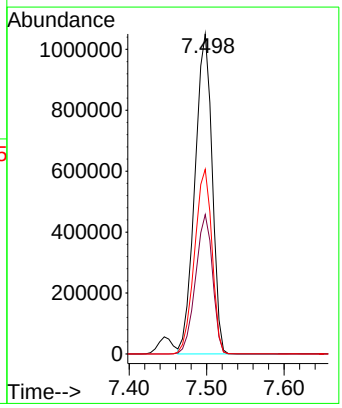


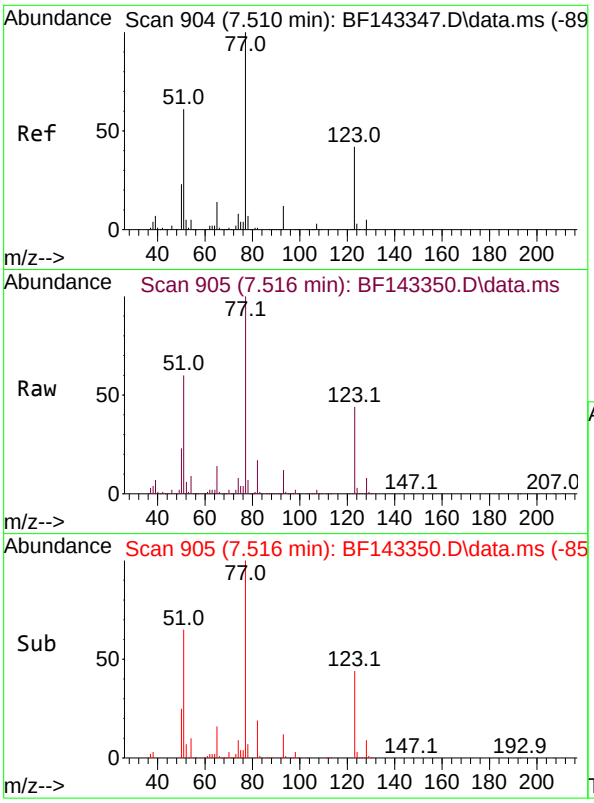


#23
Nitrobenzene-d5
Concen: 161.306 ng
RT: 7.498 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 82 Resp: 1619091

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.5	50.3
54	57.7	46.7	70.1



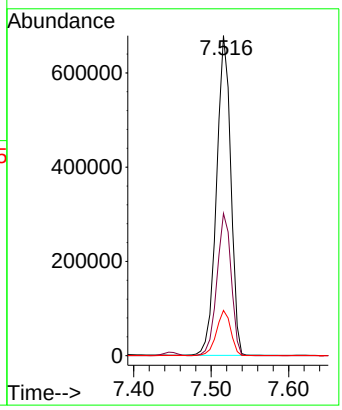


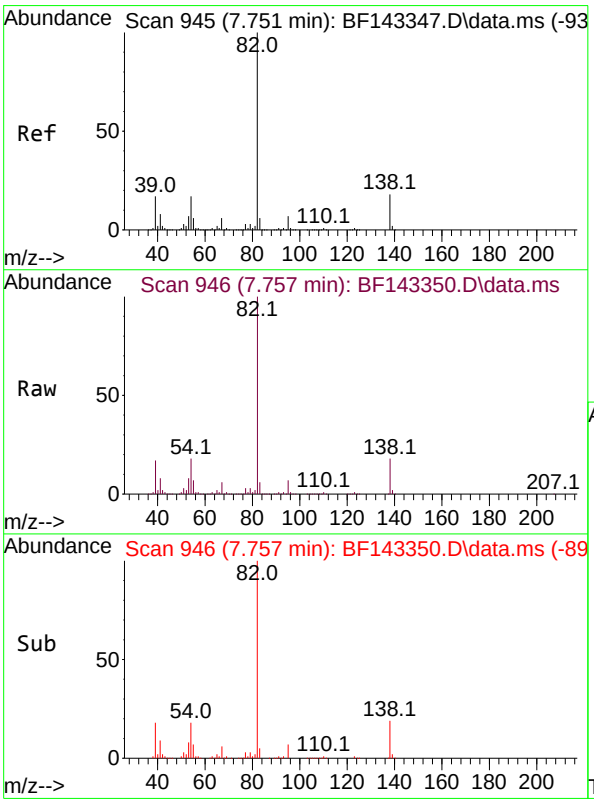
#24
Nitrobenzene
Concen: 79.634 ng
RT: 7.516 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 868093

Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.8	52.2
65	14.1	11.0	16.6

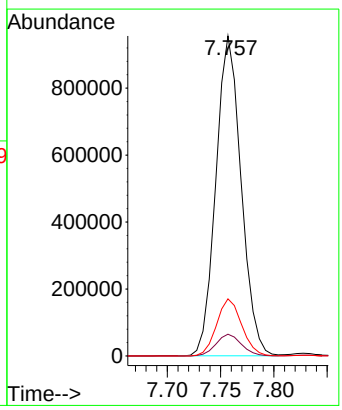


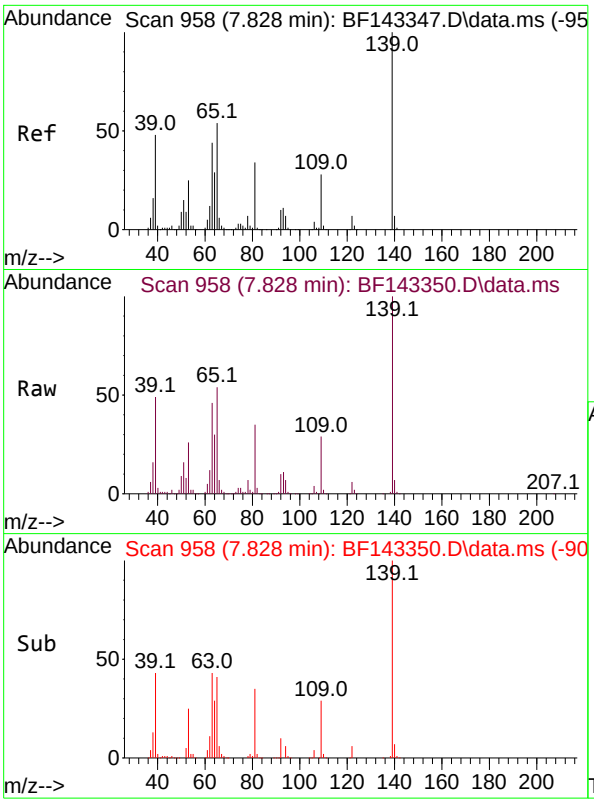


#25
Isophorone
Concen: 76.861 ng
RT: 7.757 min Scan# 946
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 82 Resp: 1574935

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	17.8	14.6	21.8



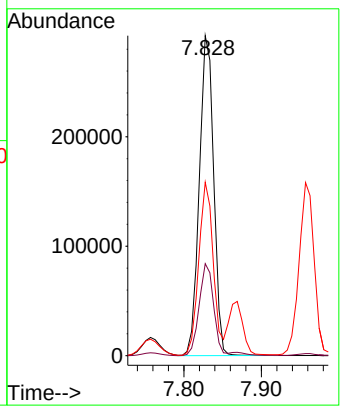


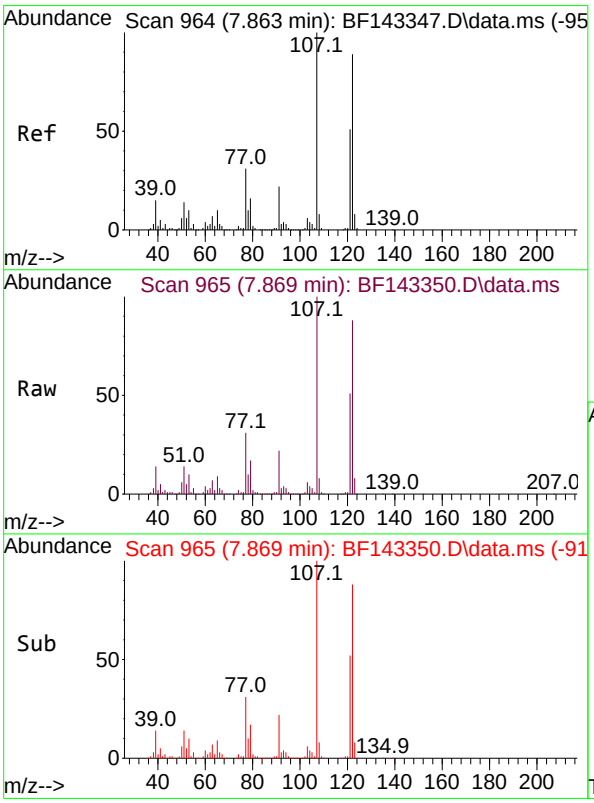
#26
2-Nitrophenol
Concen: 83.229 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 376225

Ion	Ratio	Lower	Upper
139	100		
109	28.8	22.4	33.6
65	54.2	42.9	64.3

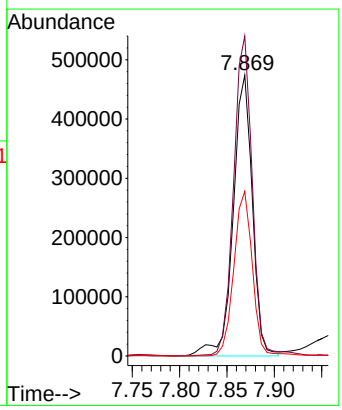


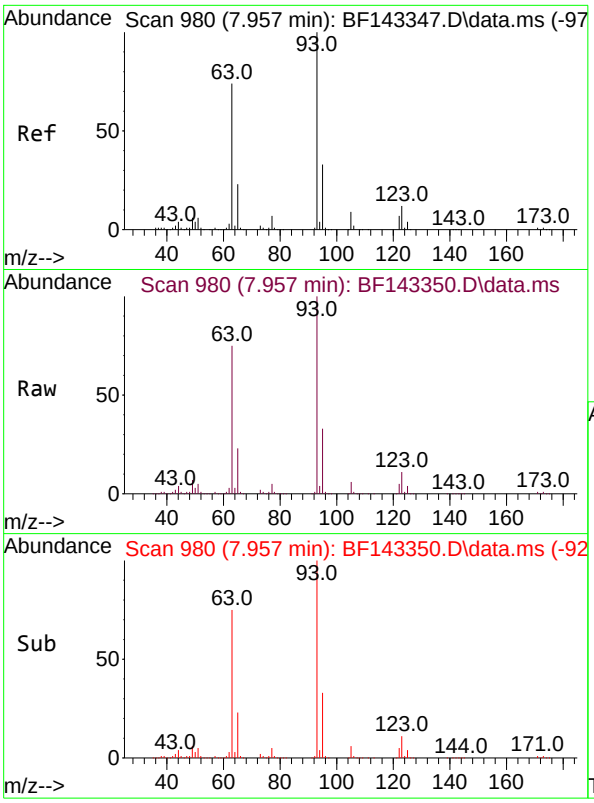


#27
2,4-Dimethylphenol
Concen: 78.052 ng
RT: 7.869 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:122 Resp: 667248

Ion	Ratio	Lower	Upper
122	100		
107	114.0	89.9	134.9
121	58.7	46.2	69.4



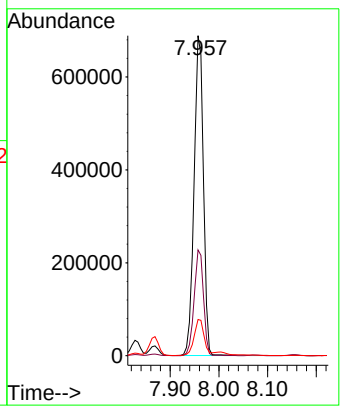


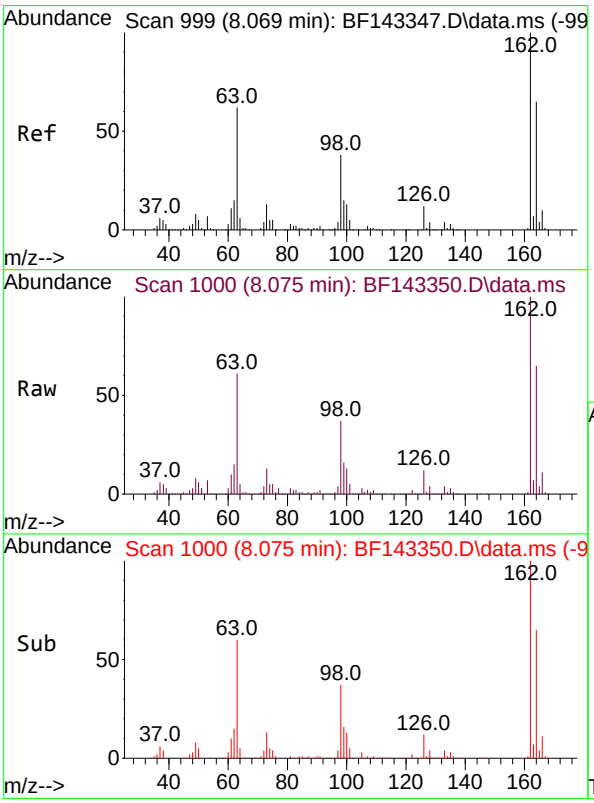
#28
bis(2-Chloroethoxy)methane
Concen: 73.686 ng
RT: 7.957 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 921854

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.3	9.4	14.2

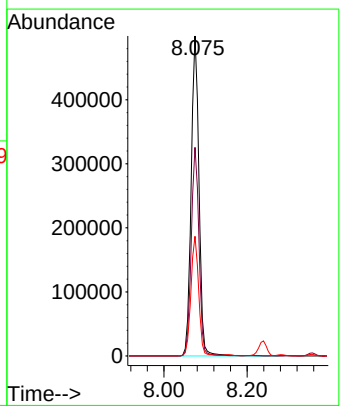


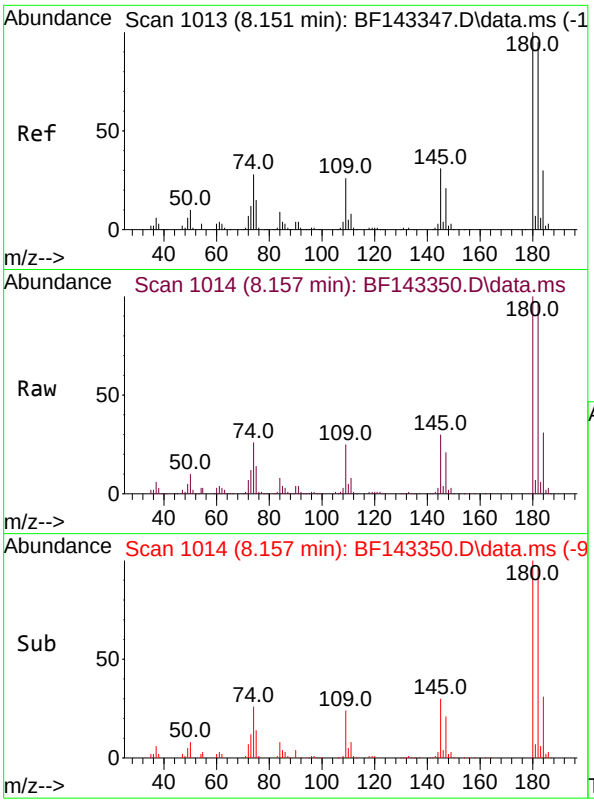


#29
2,4-Dichlorophenol
Concen: 78.392 ng
RT: 8.075 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:162 Resp: 654545

Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.5	84.5
98	37.4	17.7	57.7



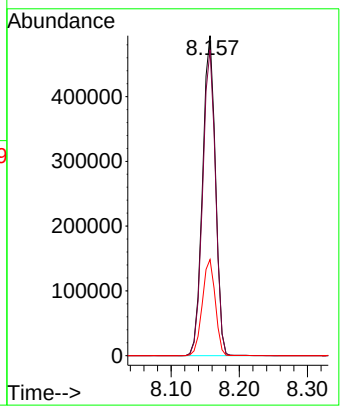


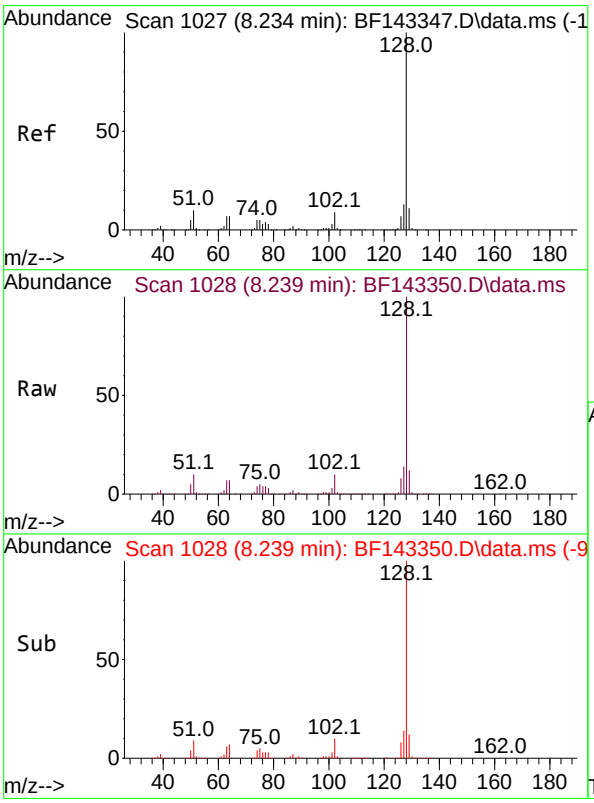
#30
1,2,4-Trichlorobenzene
Concen: 73.707 ng
RT: 8.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:180 Resp: 649172

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.1	114.1
145	30.0	24.9	37.3

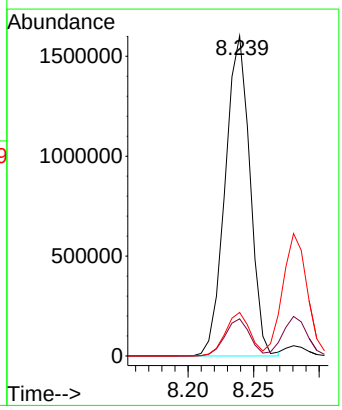


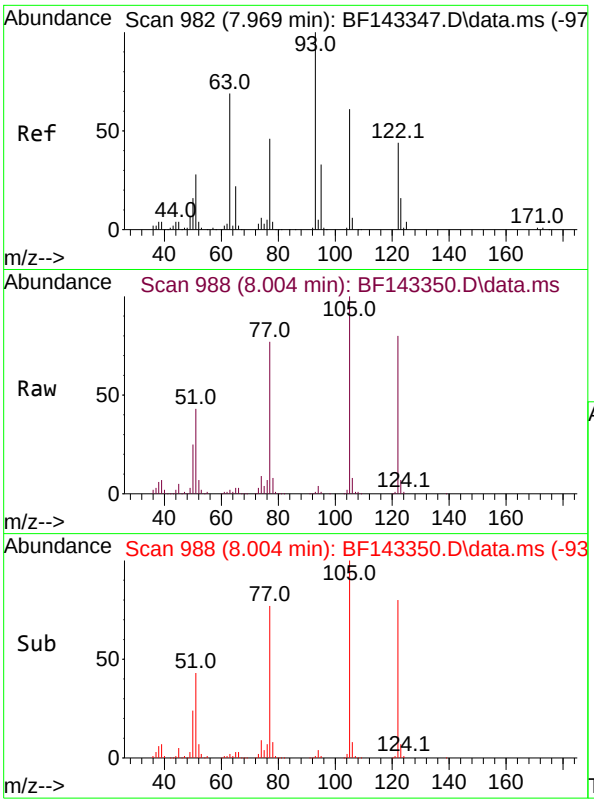


#31
Naphthalene
Concen: 69.783 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:128 Resp: 2098892

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.6	10.7	16.1



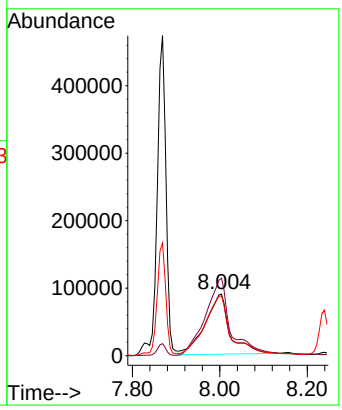


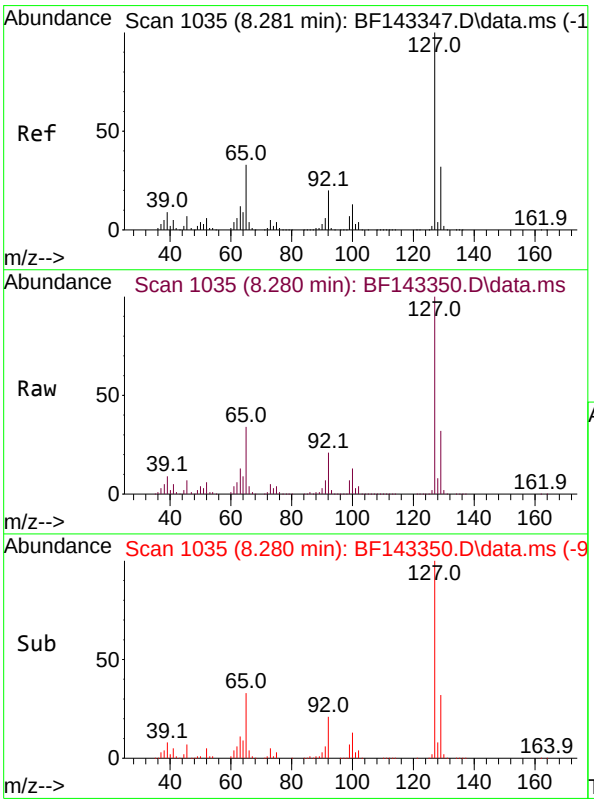
#32
Benzoic acid
Concen: 78.960 ng
RT: 8.004 min Scan# 9
Delta R.T. 0.035 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 354618

Ion	Ratio	Lower	Upper
122	100		
105	125.6	106.4	146.4
77	97.0	79.2	119.2

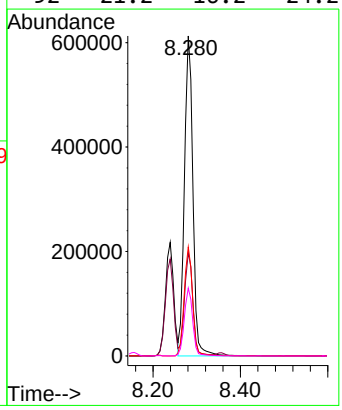


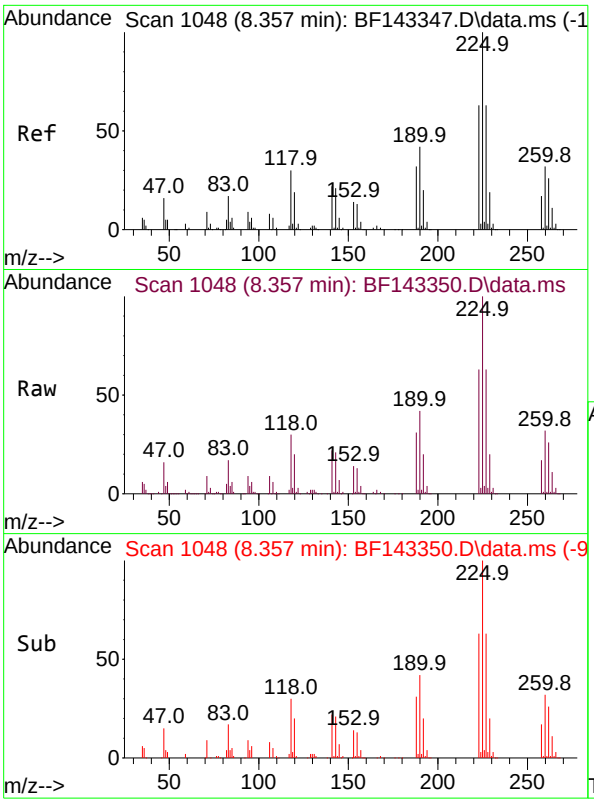


#33
4-Chloroaniline
Concen: 75.228 ng
RT: 8.280 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:127 Resp: 816103

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	34.0	27.0	40.4
92	21.2	16.2	24.2



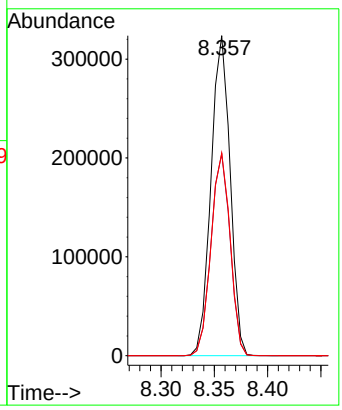


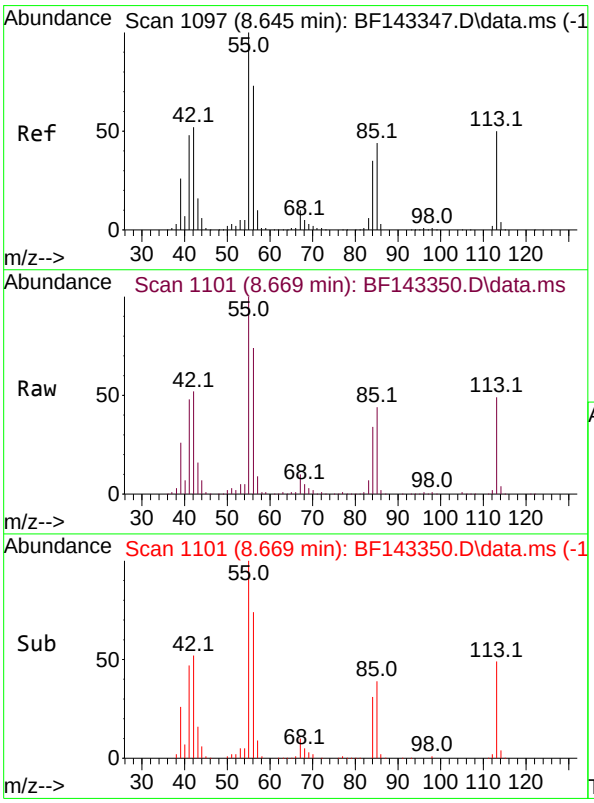
#34
Hexachlorobutadiene
Concen: 73.592 ng
RT: 8.357 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:225 Resp: 403199

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	63.3	50.6	75.8

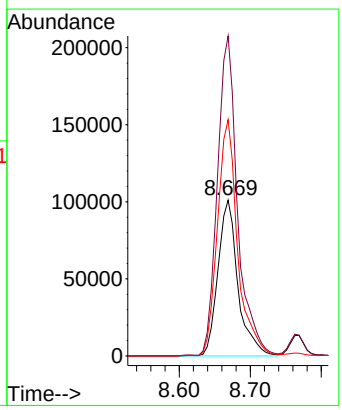


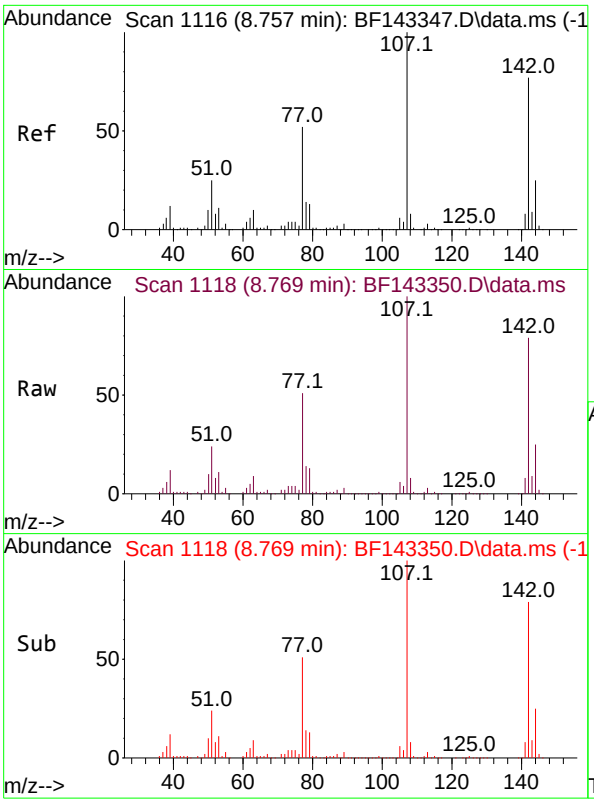


#35
Caprolactam
Concen: 84.172 ng
RT: 8.669 min Scan# 1101
Delta R.T. 0.023 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:113 Resp: 197571

Ion	Ratio	Lower	Upper
113	100		
55	205.3	181.4	221.4
56	151.6	127.3	167.3



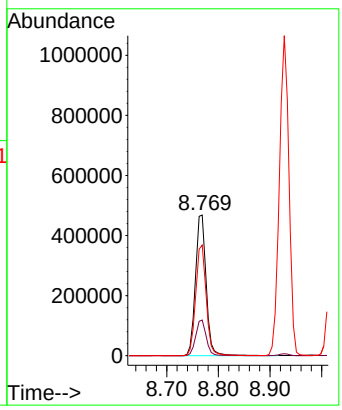


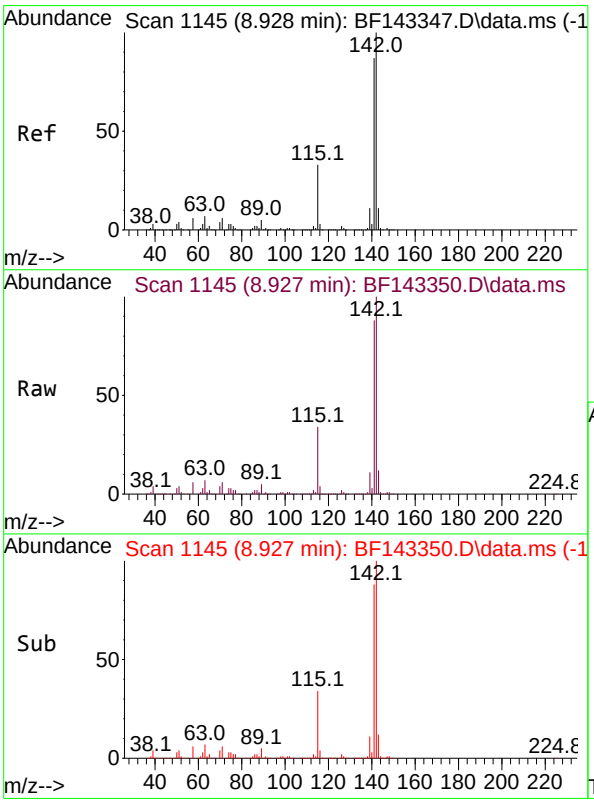
#36
4-Chloro-3-methylphenol
Concen: 77.000 ng
RT: 8.769 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 674001

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.0	30.0
142	78.5	61.3	91.9

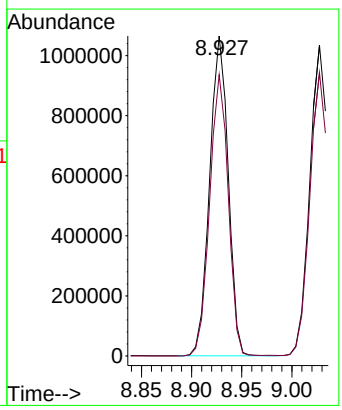


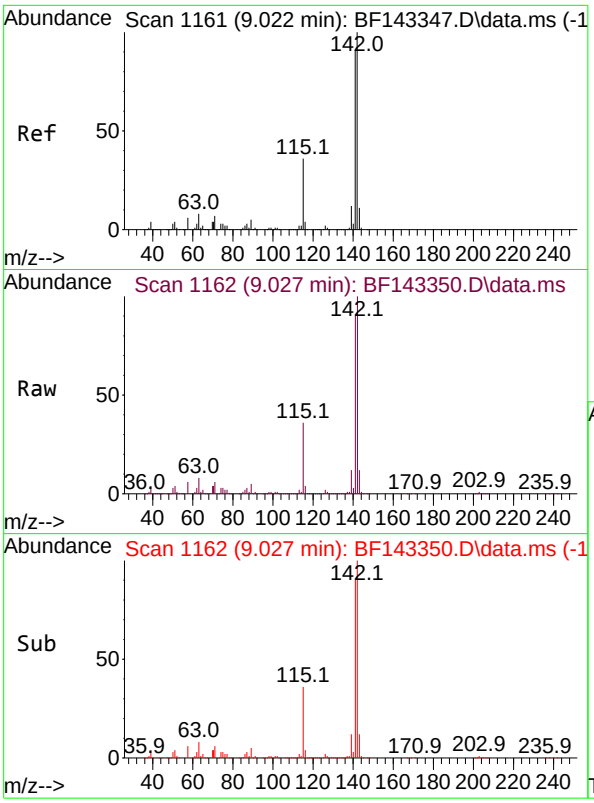


#37
2-Methylnaphthalene
Concen: 69.303 ng
RT: 8.927 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:142 Resp: 1370352

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.8	104.8



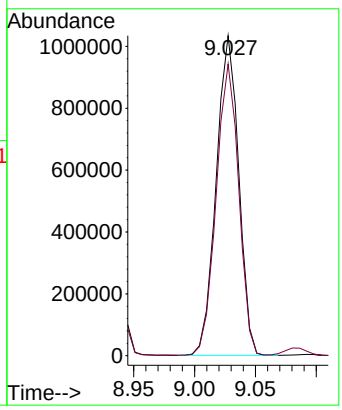


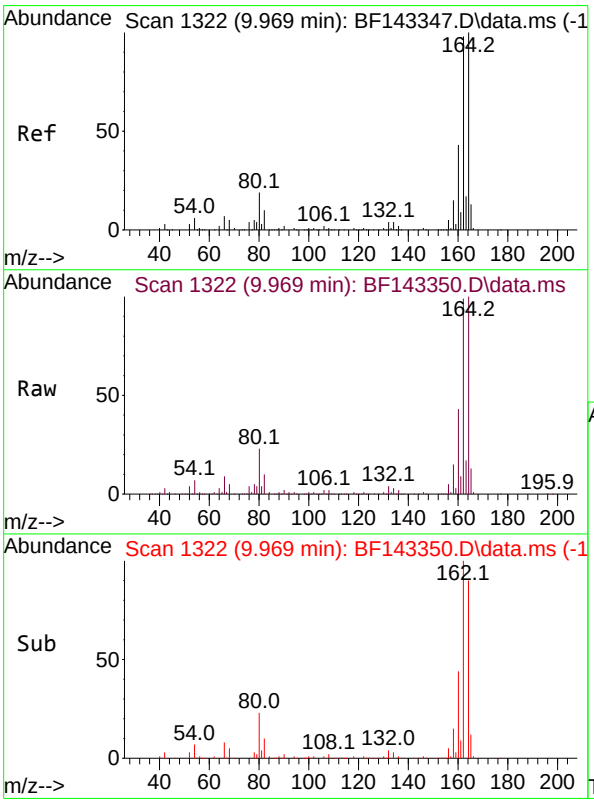
#38
1-Methylnaphthalene
Concen: 69.780 ng
RT: 9.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1328881

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4

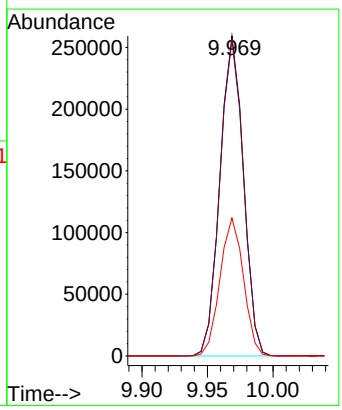


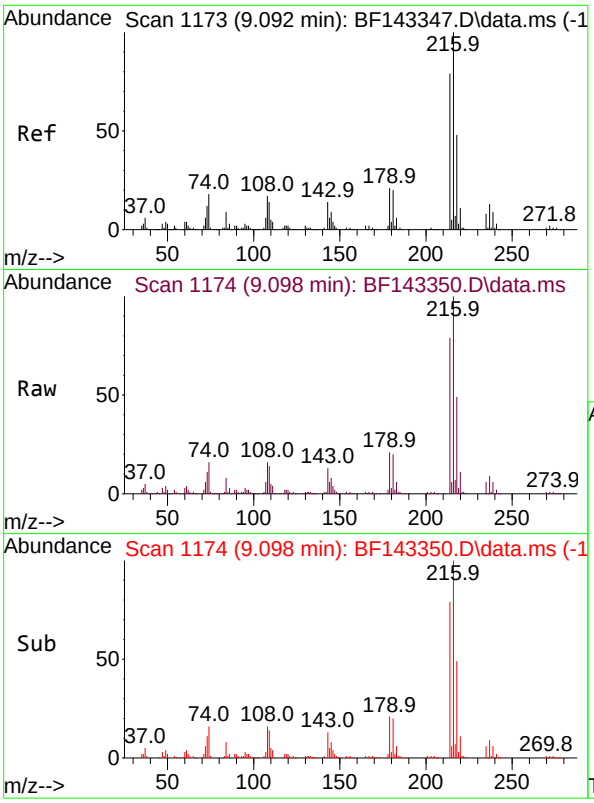


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:164 Resp: 322984

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.6	118.0
160	43.1	34.4	51.6



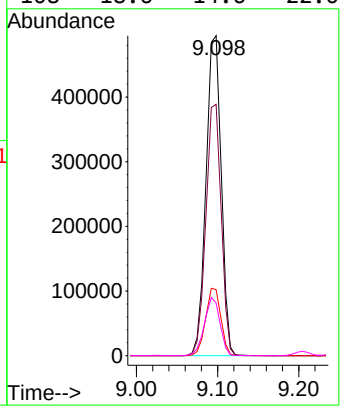


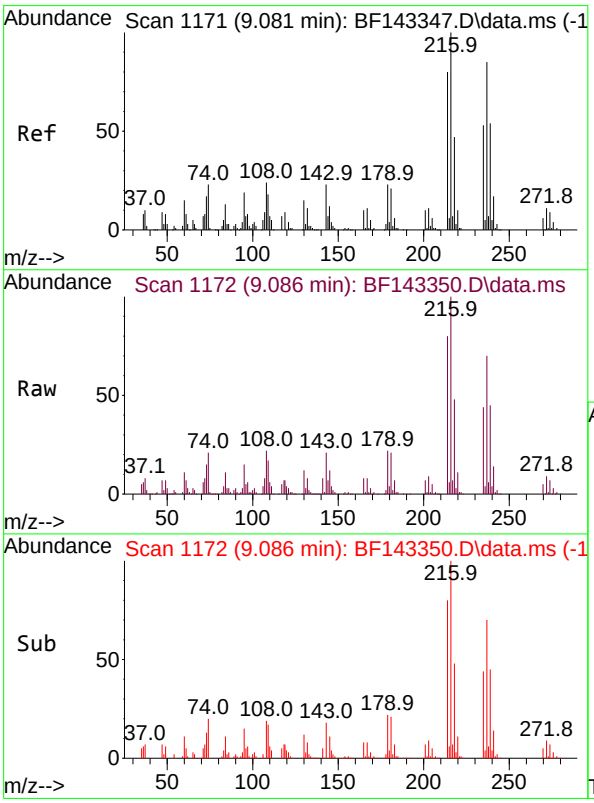
#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.936 ng
RT: 9.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:216 Resp: 644623

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	21.0	17.0	25.4
108	18.6	14.6	22.0

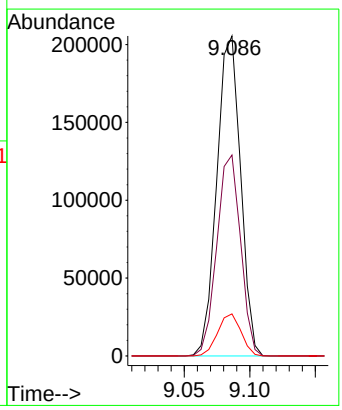


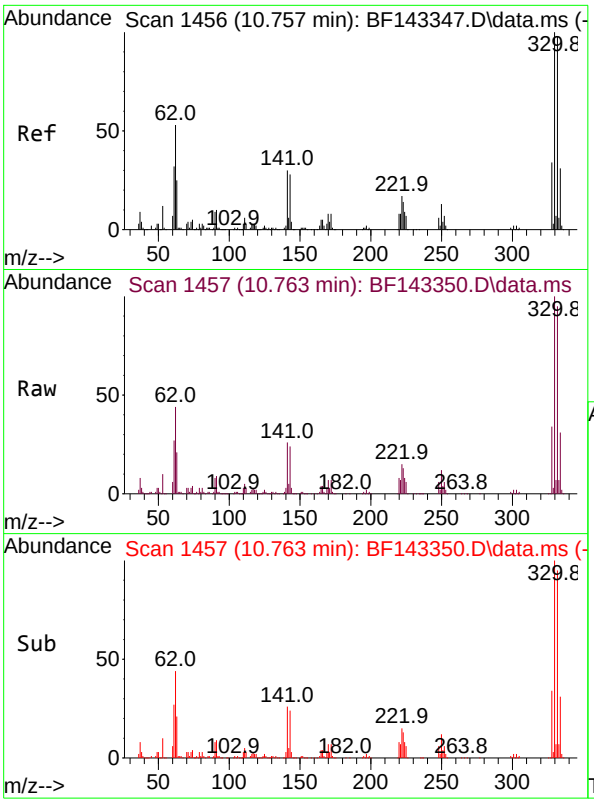


#41
Hexachlorocyclopentadiene
Concen: 82.835 ng
RT: 9.086 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:237 Resp: 259048

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.0	82.0
272	13.2	0.0	32.6



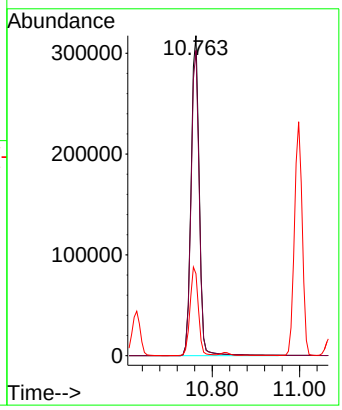


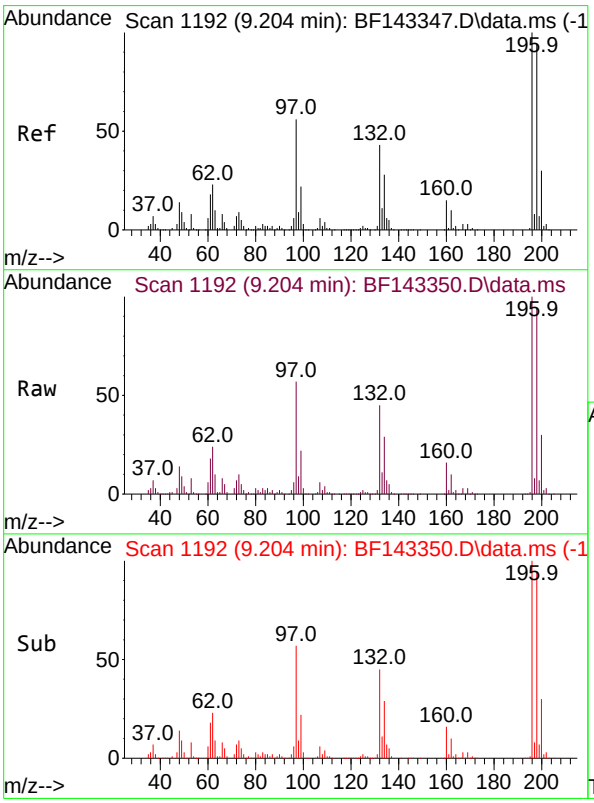
#42
2,4,6-Tribromophenol
Concen: 174.486 ng
RT: 10.763 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 411864

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.1	117.1
141	28.4	25.4	38.0

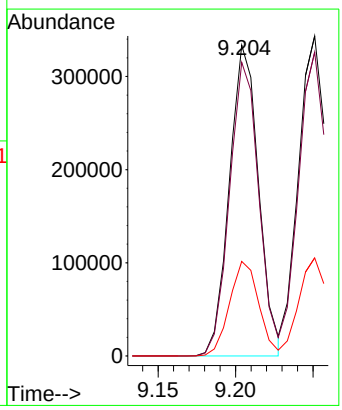


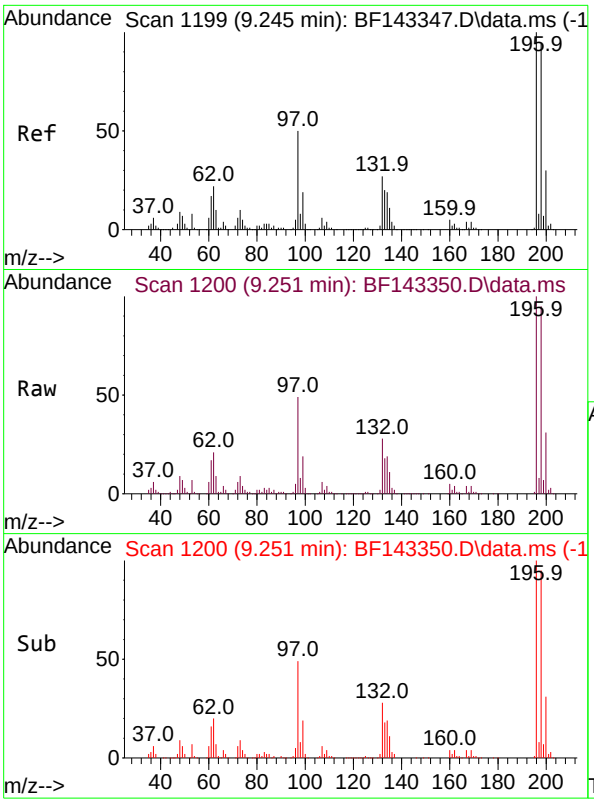


#43
2,4,6-Trichlorophenol
Concen: 87.149 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:196 Resp: 437022

Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.4	113.0
200	30.4	24.3	36.5



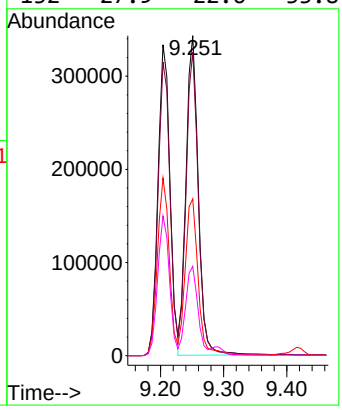


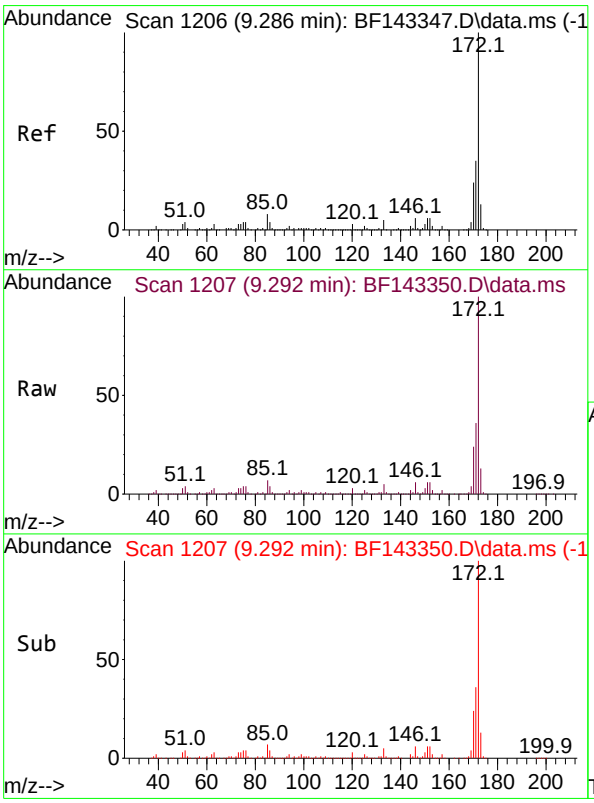
#44
2,4,5-Trichlorophenol
Concen: 82.433 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 466807

Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.4	113.2
97	49.0	39.9	59.9
132	27.9	22.6	33.8

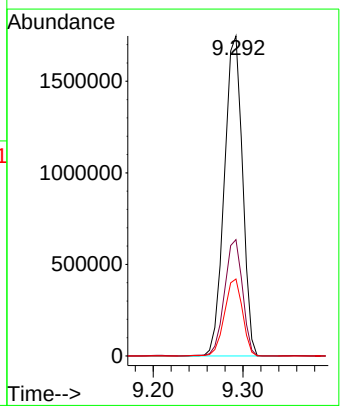


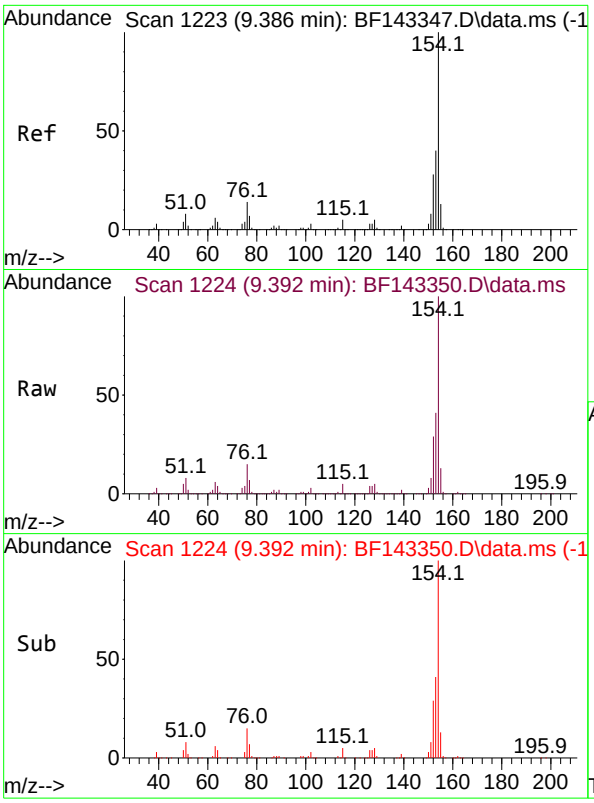


#45
2-Fluorobiphenyl
Concen: 129.045 ng
RT: 9.292 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:172 Resp: 2457872

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.0	19.1	28.7



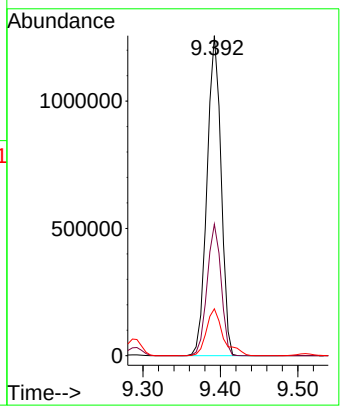


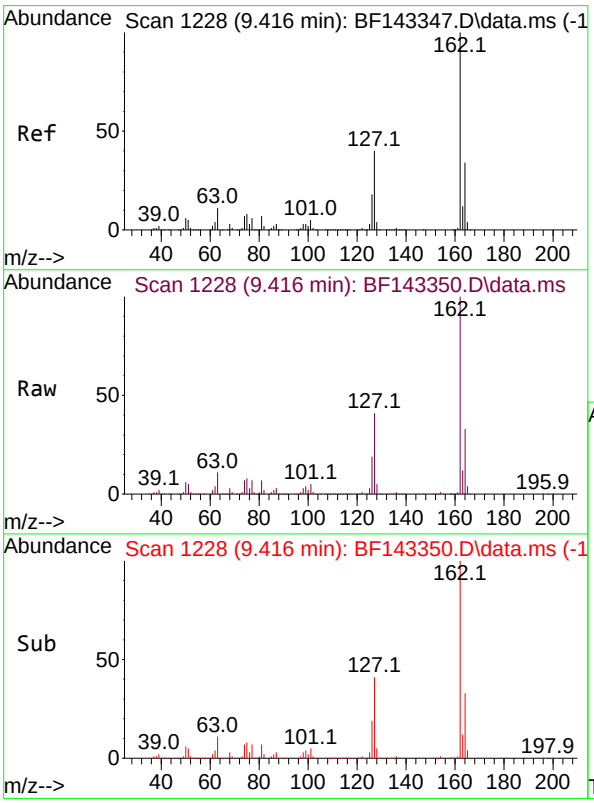
#46
1,1'-Biphenyl
Concen: 69.203 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 1580379

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.2	60.2
76	14.6	0.0	34.4

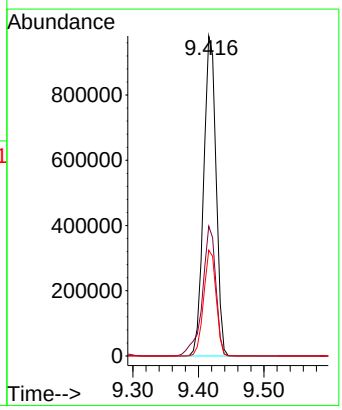


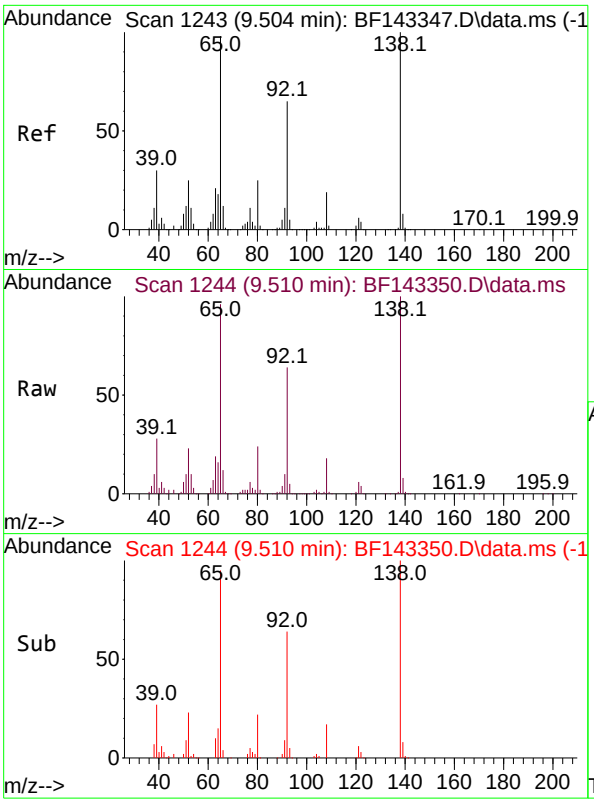


#47
2-Chloronaphthalene
Concen: 72.042 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:162 Resp: 1295723

Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.1	48.1
164	33.1	27.0	40.4



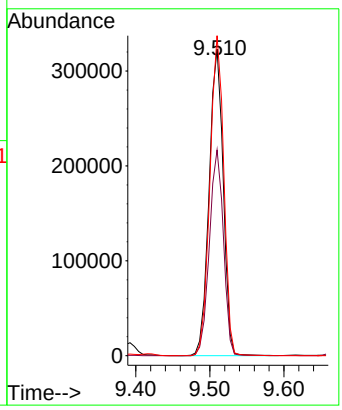


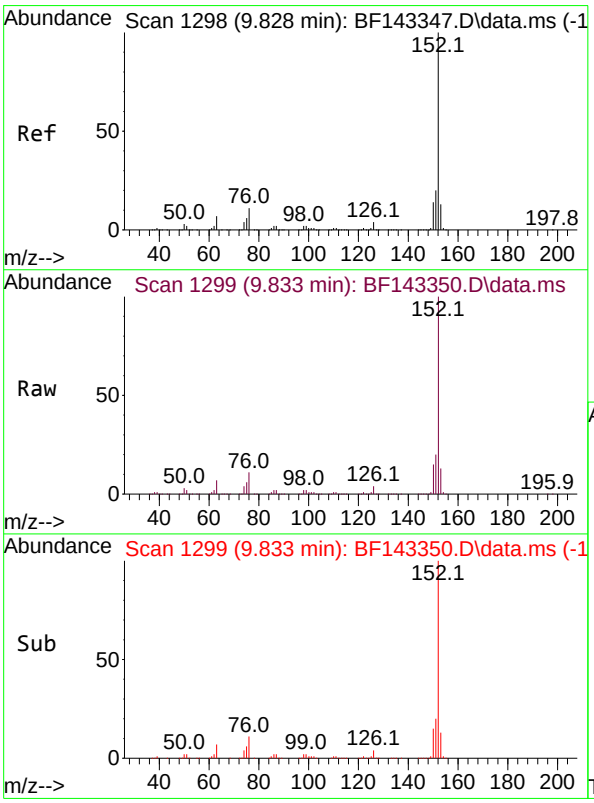
#48
2-Nitroaniline
Concen: 80.247 ng
RT: 9.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 426490

Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.1	79.7
138	104.4	81.4	122.0

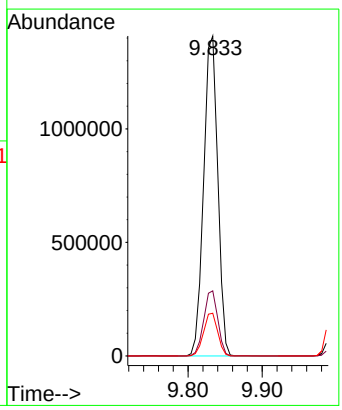


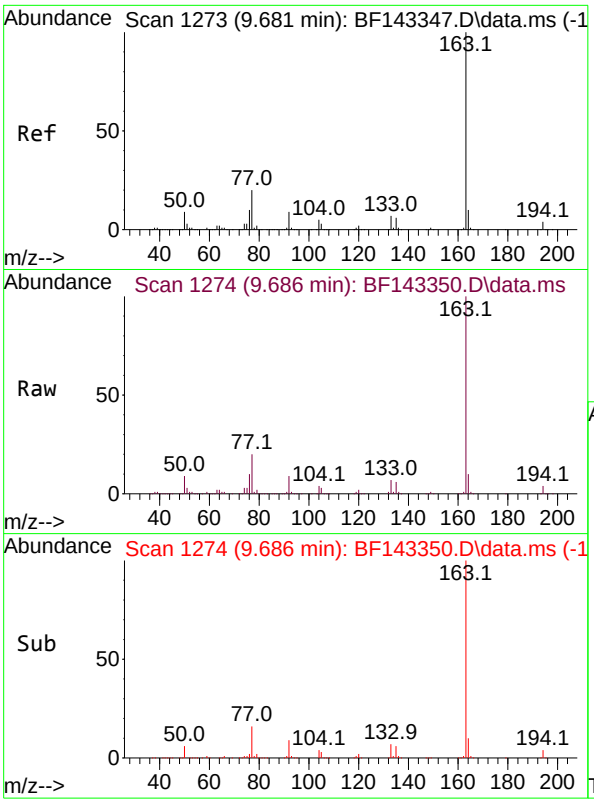


#49
Acenaphthylene
Concen: 71.842 ng
RT: 9.833 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:152 Resp: 1865988

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.3	10.6	16.0



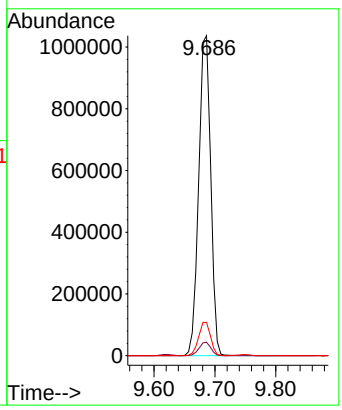


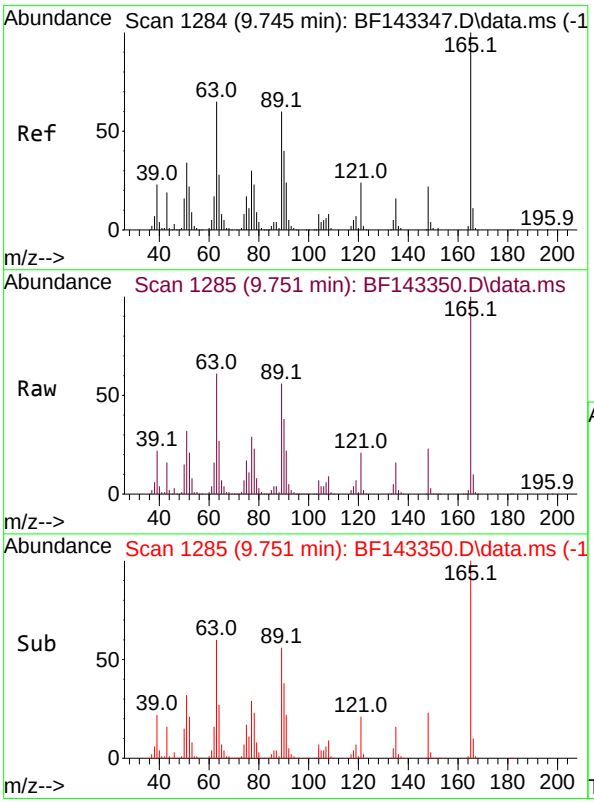
#50
Dimethylphthalate
Concen: 75.513 ng
RT: 9.686 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 1425124

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.4	8.2	12.2

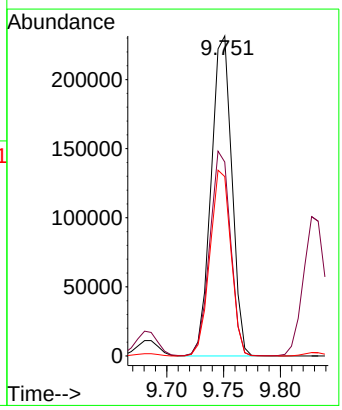


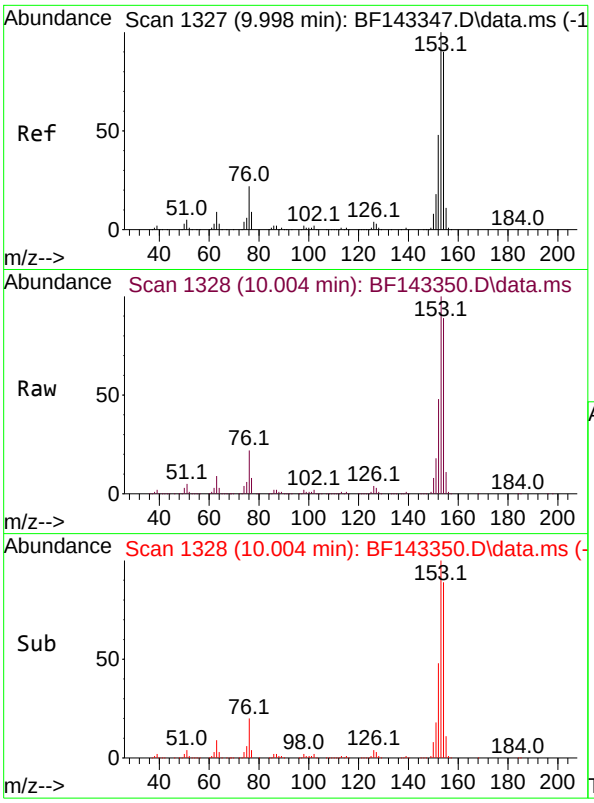


#51
2,6-Dinitrotoluene
Concen: 80.211 ng
RT: 9.751 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:165 Resp: 294018

Ion	Ratio	Lower	Upper
165	100		
63	60.6	51.6	77.4
89	56.1	47.7	71.5



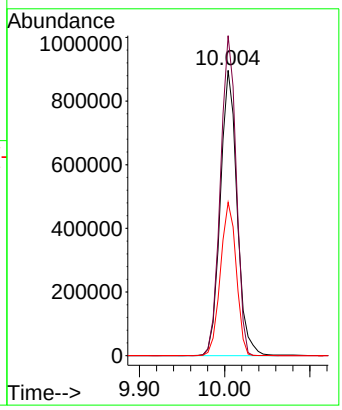


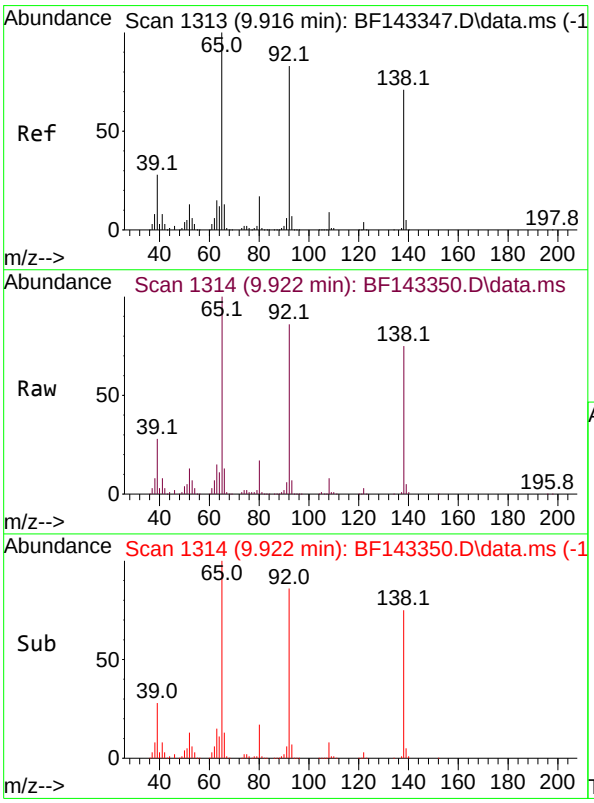
#52
Acenaphthene
Concen: 70.714 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 1221046

Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.5	132.7
152	53.7	42.4	63.6

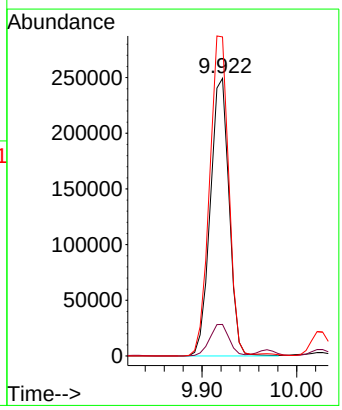


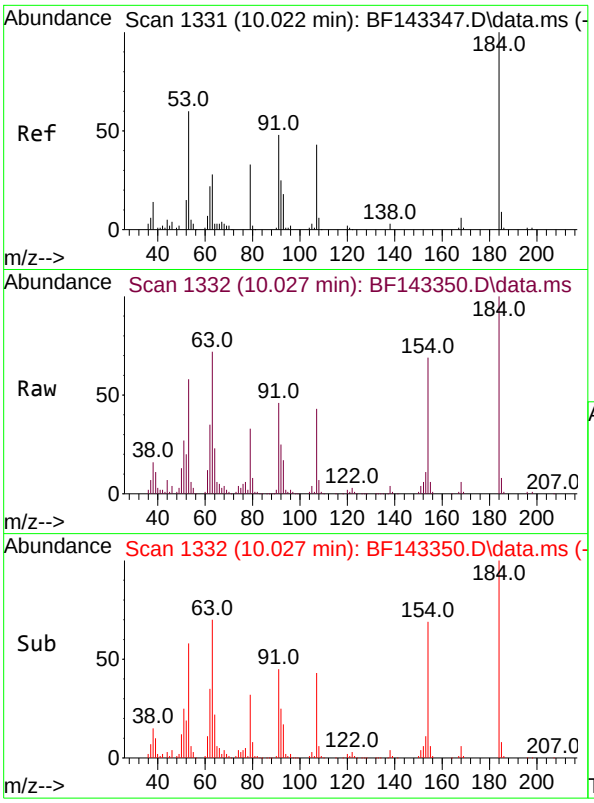


#53
3-Nitroaniline
Concen: 88.887 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:138 Resp: 343541

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.6	14.4
92	114.9	93.4	140.2



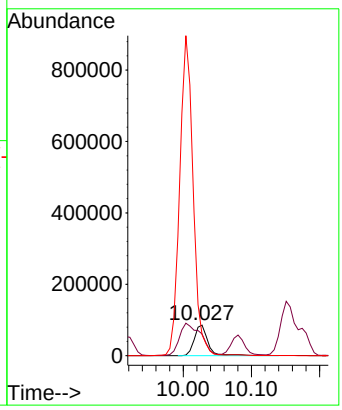


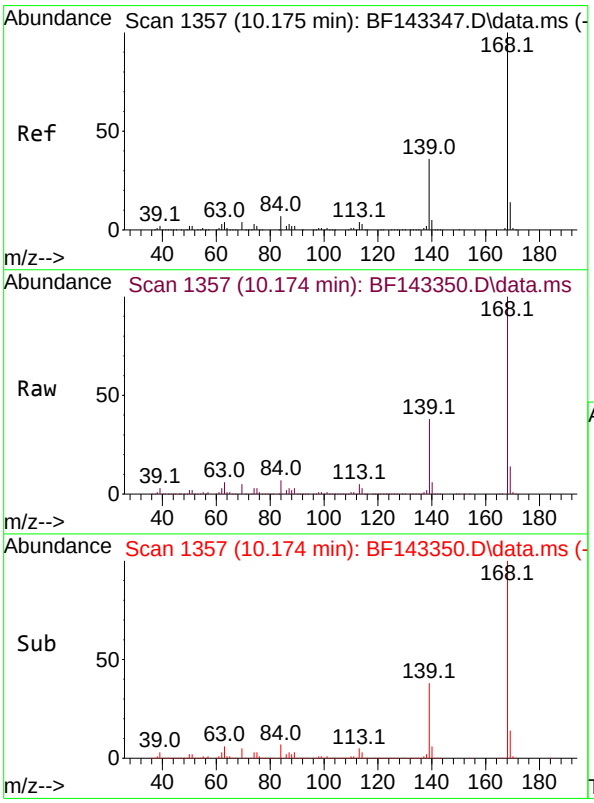
#54
2,4-Dinitrophenol
Concen: 79.041 ng
RT: 10.027 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 118753

Ion	Ratio	Lower	Upper
184	100		
63	71.5	62.5	93.7
154	69.2	73.0	109.4#

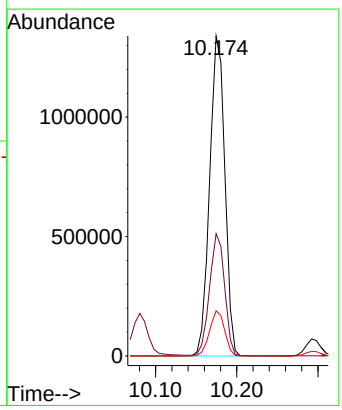


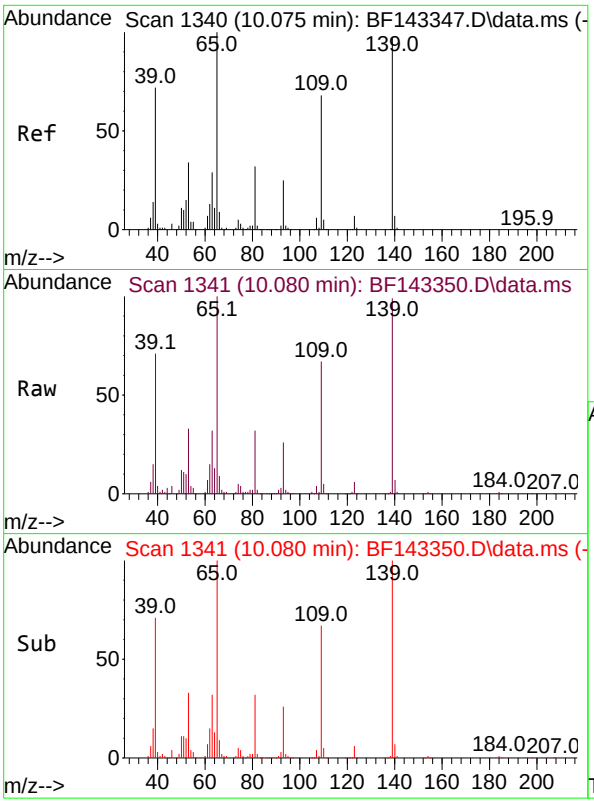


#55
Dibenzofuran
Concen: 69.969 ng
RT: 10.174 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:168 Resp: 1738835

Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.4	44.0
169	14.1	11.0	16.6



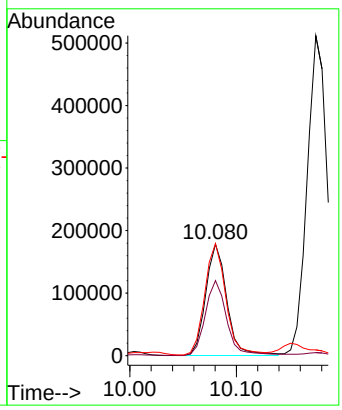


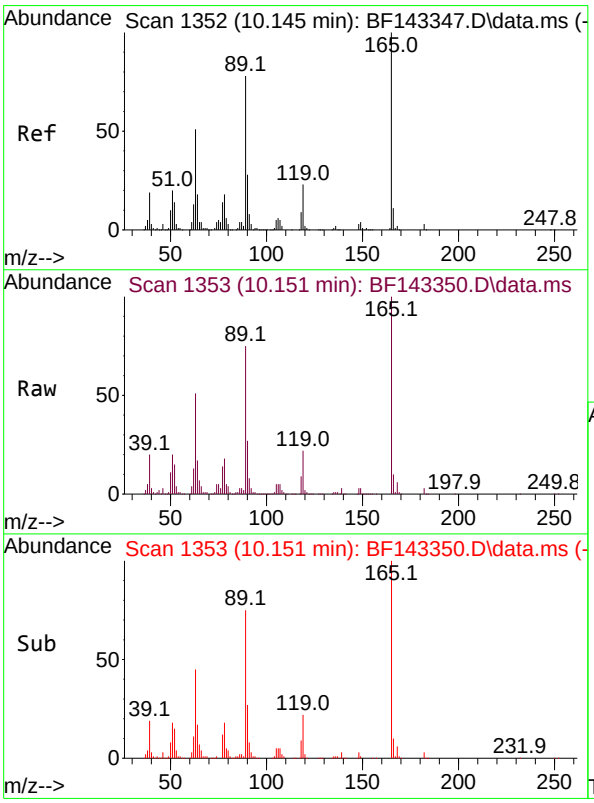
#56
4-Nitrophenol
Concen: 79.477 ng
RT: 10.080 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 245374

Ion	Ratio	Lower	Upper
139	100		
109	67.4	49.4	89.4
65	100.6	83.7	123.7

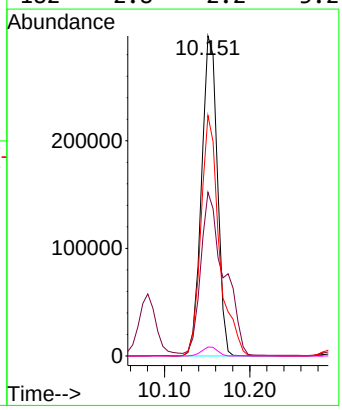


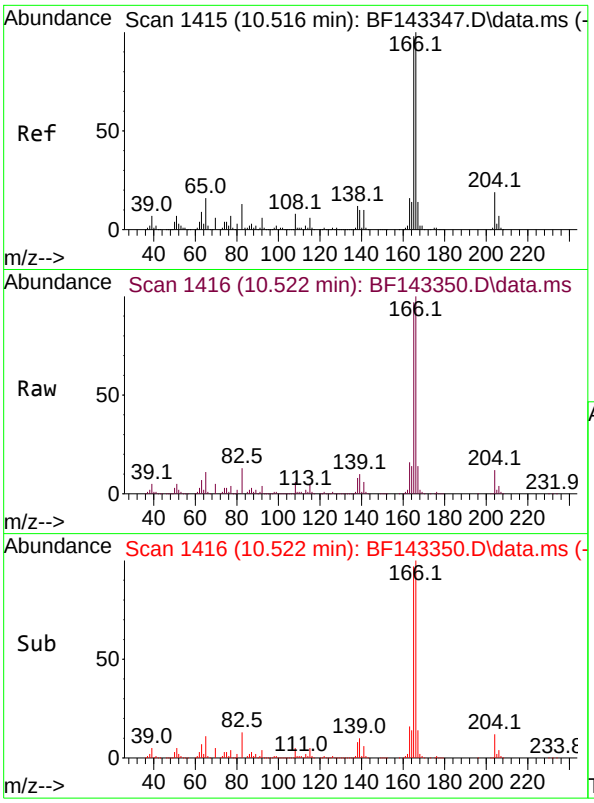


#57
2,4-Dinitrotoluene
Concen: 78.864 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:165 Resp: 383533

Ion	Ratio	Lower	Upper
165	100		
63	51.2	41.8	62.8
89	75.1	62.4	93.6
182	2.8	2.2	3.2



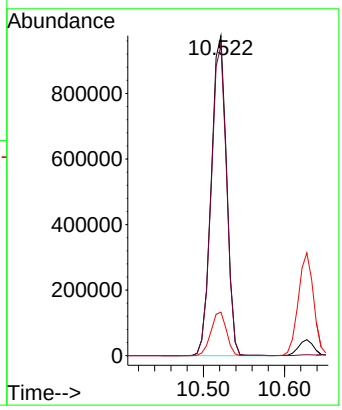


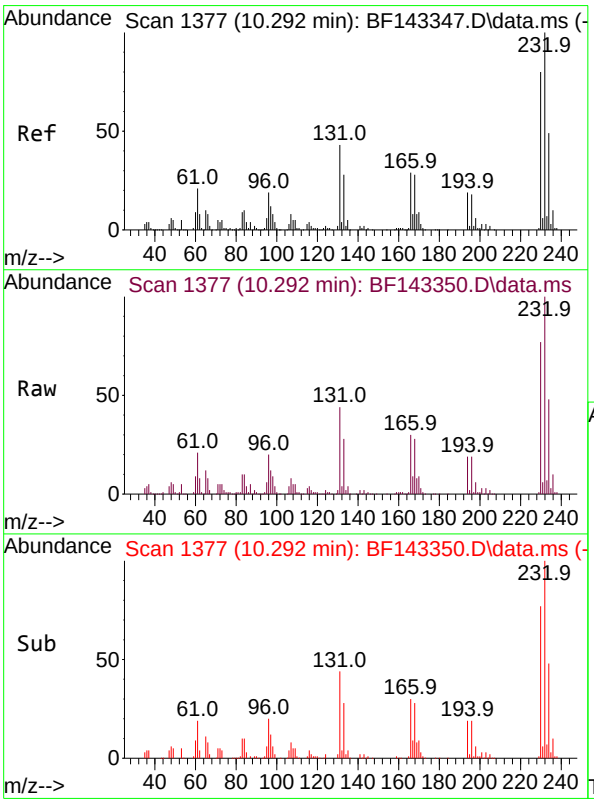
#58
Fluorene
Concen: 67.103 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:166 Resp: 1273759

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.2	117.4
167	13.6	10.9	16.3

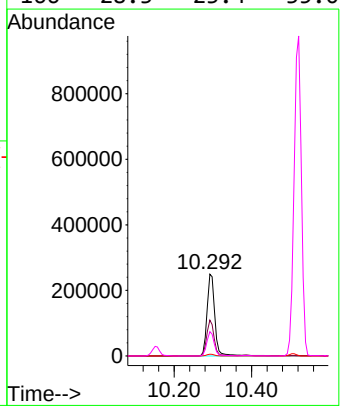


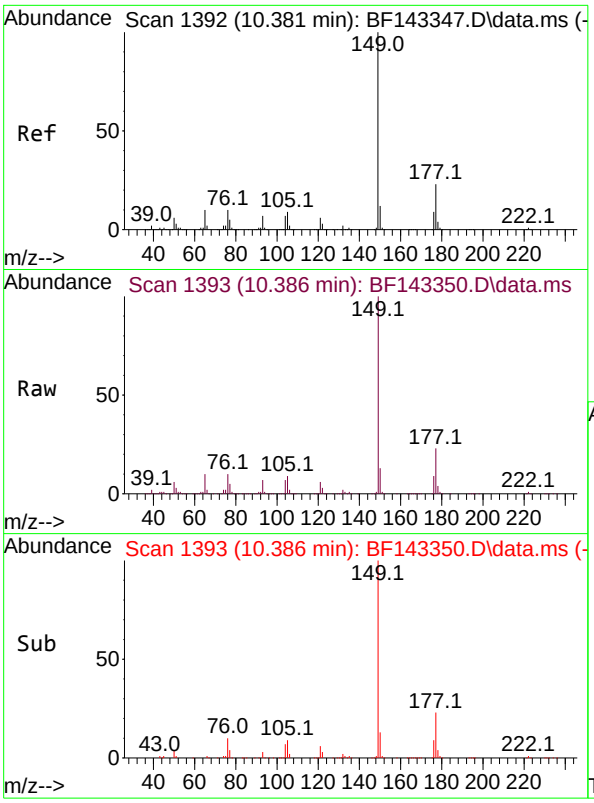


#59
2,3,4,6-Tetrachlorophenol
Concen: 91.466 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:232 Resp: 349157

Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.6	51.8
130	2.1	1.7	2.5
166	28.3	23.4	35.0



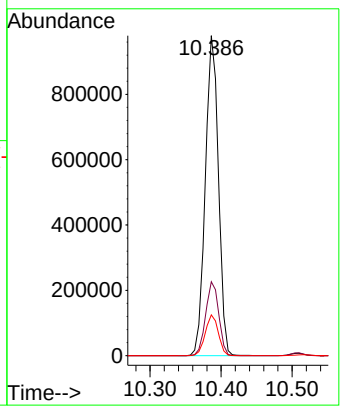


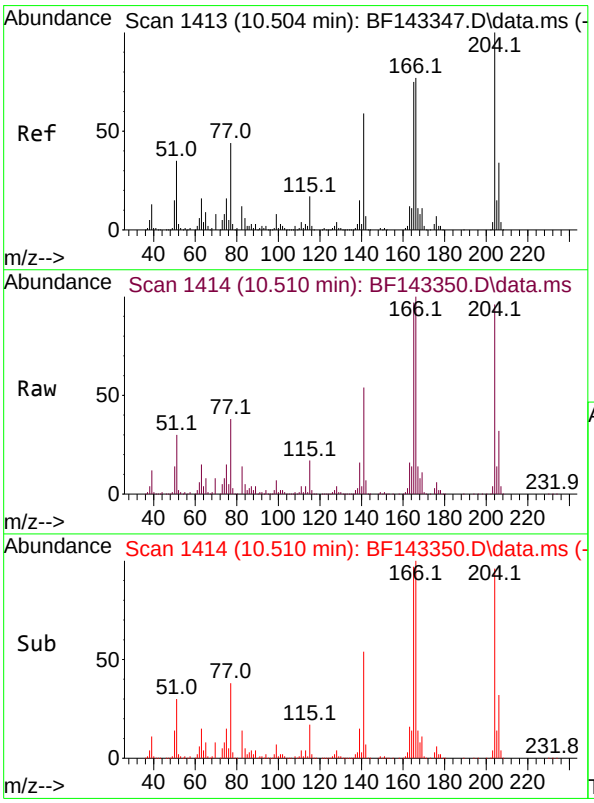
#60
Diethylphthalate
Concen: 74.465 ng
RT: 10.386 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 1258798

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.2	27.2
150	12.8	9.9	14.9

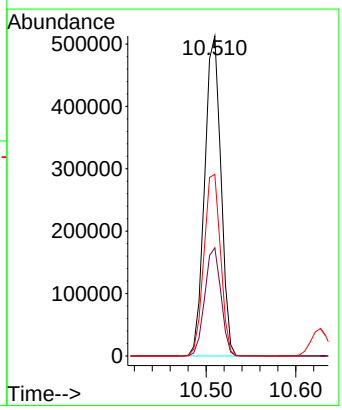


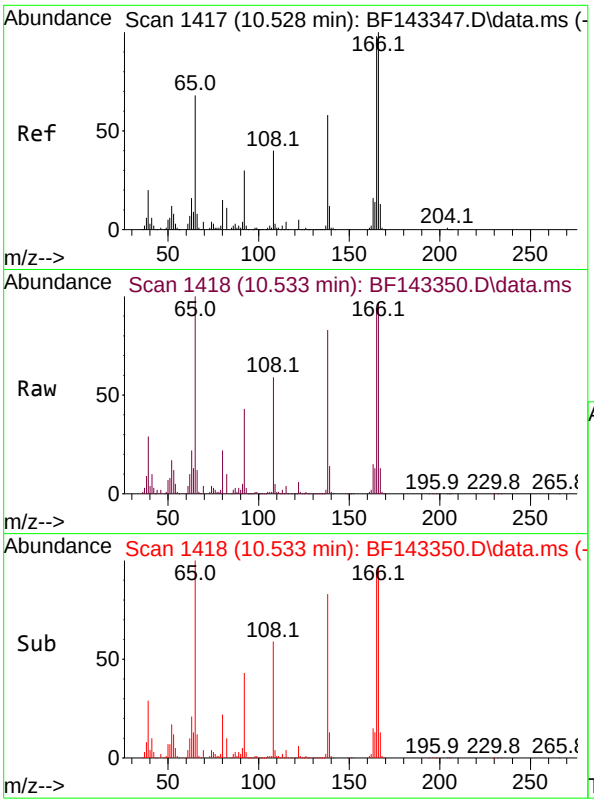


#61
4-Chlorophenyl-phenylether
Concen: 70.191 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:204 Resp: 643793

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.4	41.2
141	56.8	46.9	70.3



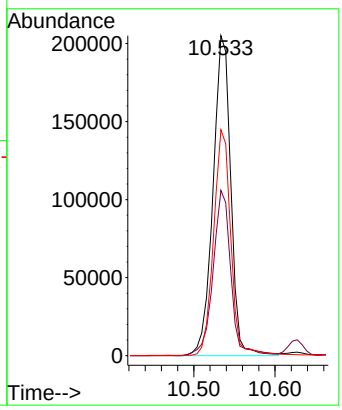


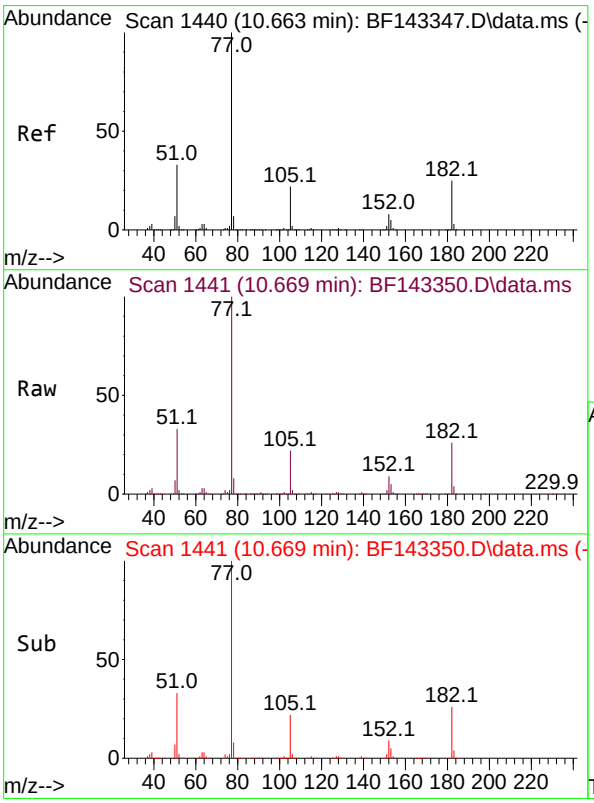
#62
4-Nitroaniline
Concen: 83.616 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 312667

Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.2	71.2
108	70.6	48.1	88.1

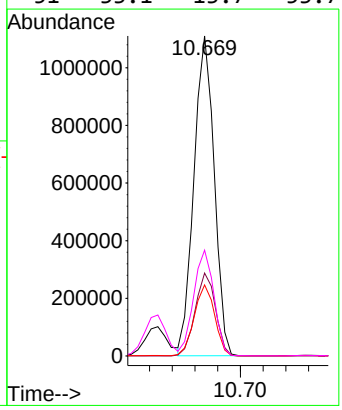


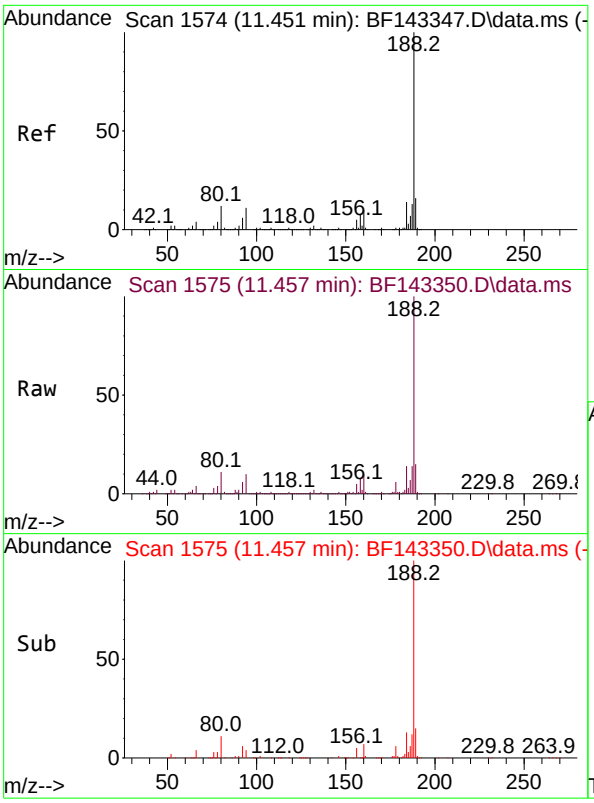


#63
Azobenzene
Concen: 71.269 ng
RT: 10.669 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 77 Resp: 1376109

Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.4	44.4
105	22.2	1.8	41.8
51	33.1	13.7	53.7



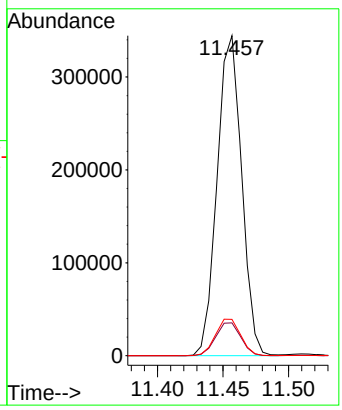


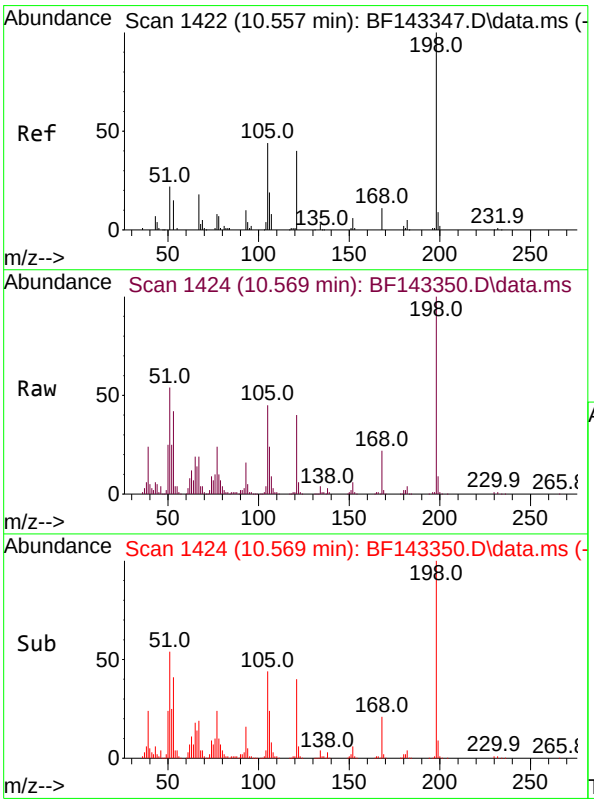
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 448378

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.8	13.2
80	11.4	9.7	14.5

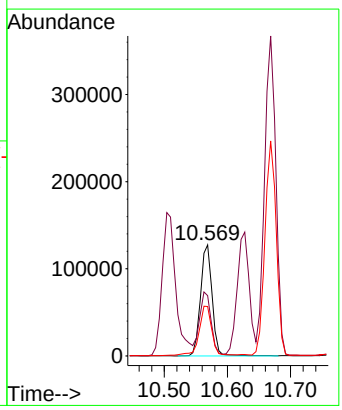


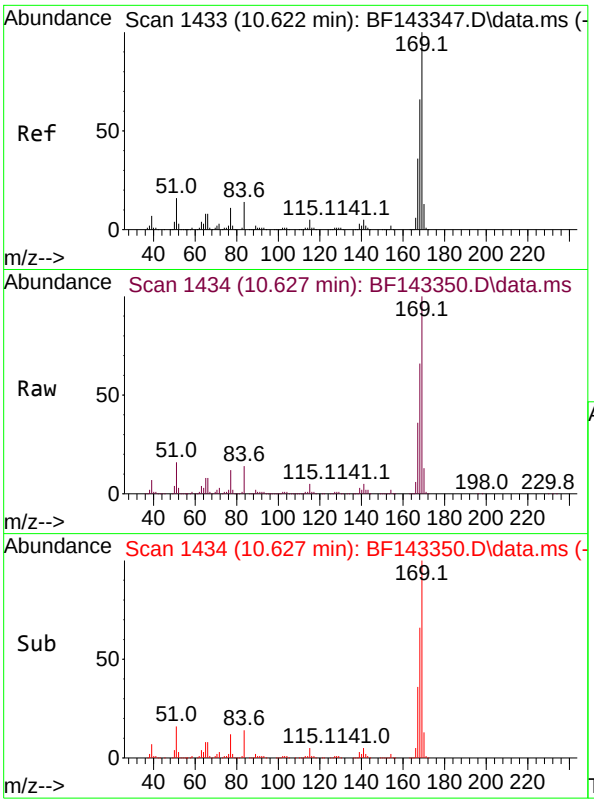


#65
4,6-Dinitro-2-methylphenol
Concen: 83.490 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:198 Resp: 162929

Ion	Ratio	Lower	Upper
198	100		
51	54.2	41.7	81.7
105	44.5	26.8	66.8



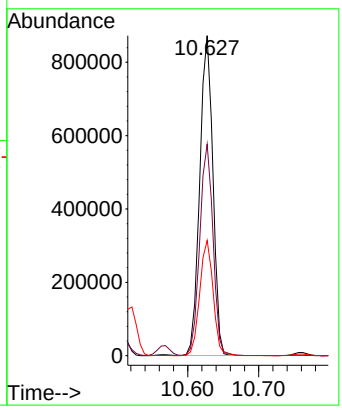


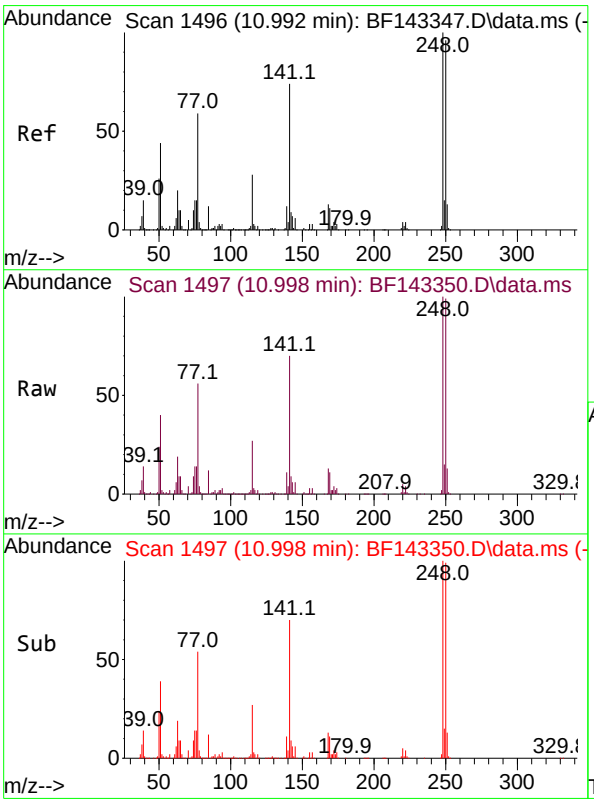
#66
n-Nitrosodiphenylamine
Concen: 76.190 ng
RT: 10.627 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:169 Resp: 1124872

Ion	Ratio	Lower	Upper
169	100		
168	66.1	52.7	79.1
167	36.0	28.6	42.8

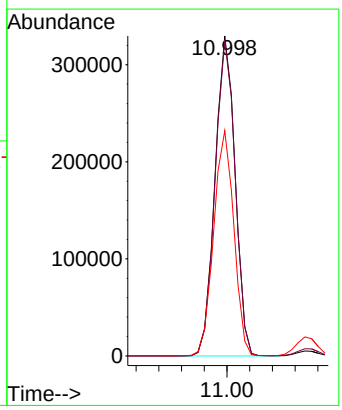


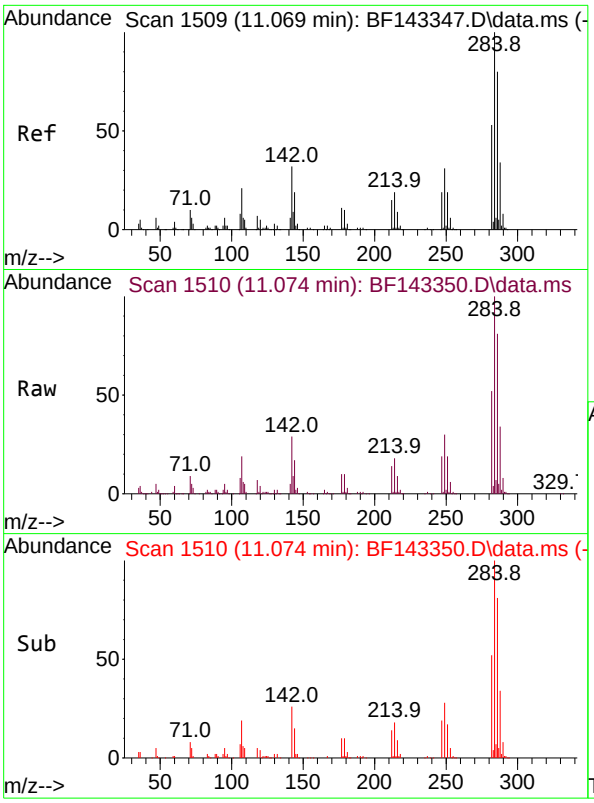


#67
4-Bromophenyl-phenylether
Concen: 79.007 ng
RT: 10.998 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:248 Resp: 405148

Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.1	115.7
141	70.4	59.1	88.7



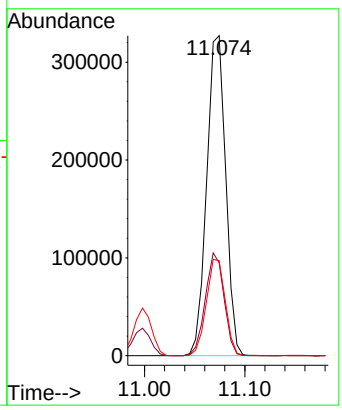


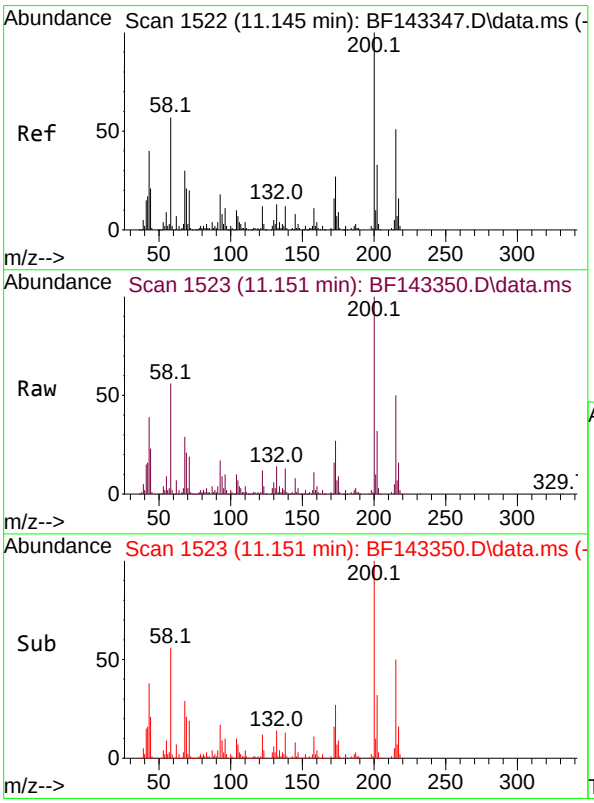
#68
Hexachlorobenzene
Concen: 78.001 ng
RT: 11.074 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 431148

Ion	Ratio	Lower	Upper
284	100		
142	29.0	25.7	38.5
249	29.7	24.6	37.0

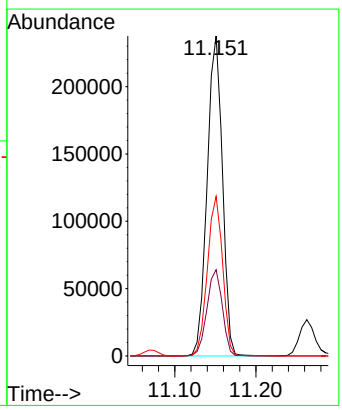


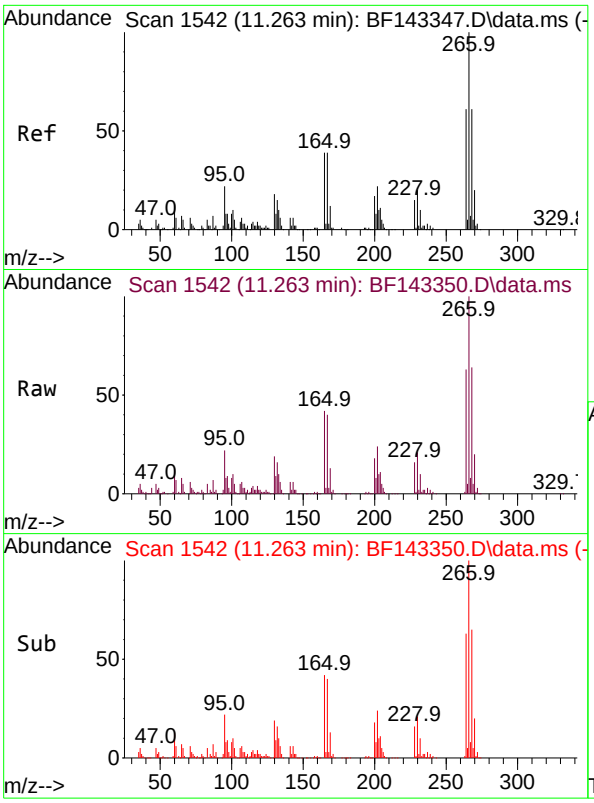


#69
Atrazine
Concen: 80.438 ng
RT: 11.151 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:200 Resp: 309748

Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.6	46.6
215	49.8	30.6	70.6



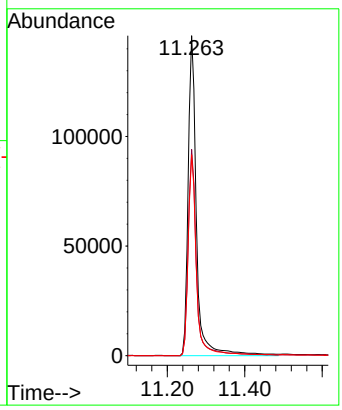


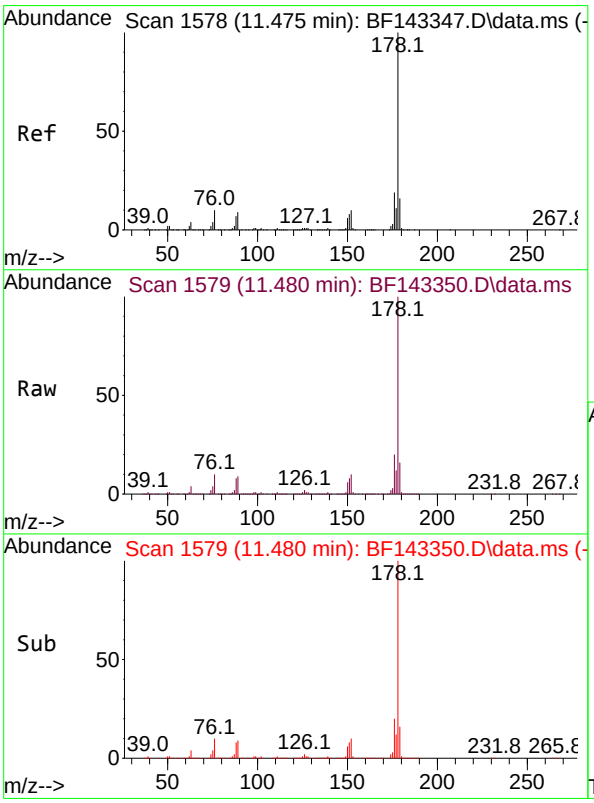
#70
Pentachlorophenol
Concen: 80.616 ng
RT: 11.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 218250

Ion	Ratio	Lower	Upper
266	100		
268	64.5	48.8	73.2
264	62.8	48.8	73.2

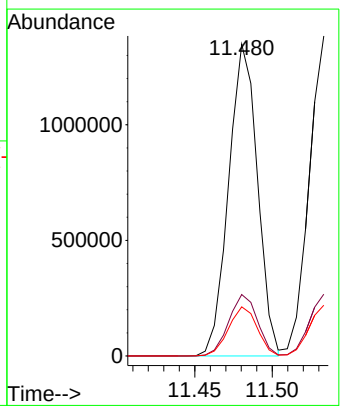


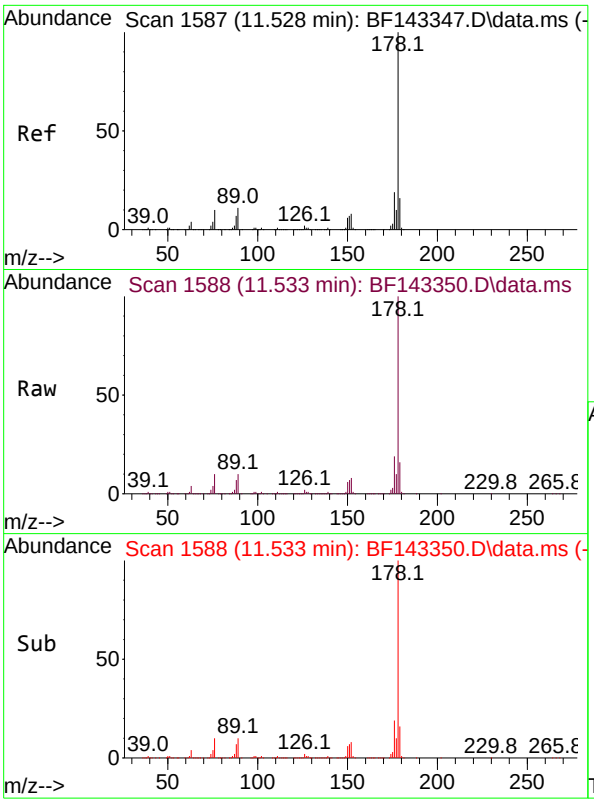


#71
Phenanthrene
Concen: 71.351 ng
RT: 11.480 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:178 Resp: 1745493

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.7	12.5	18.7



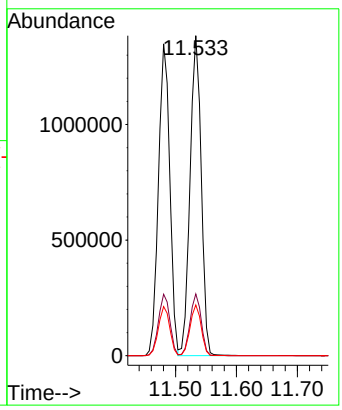


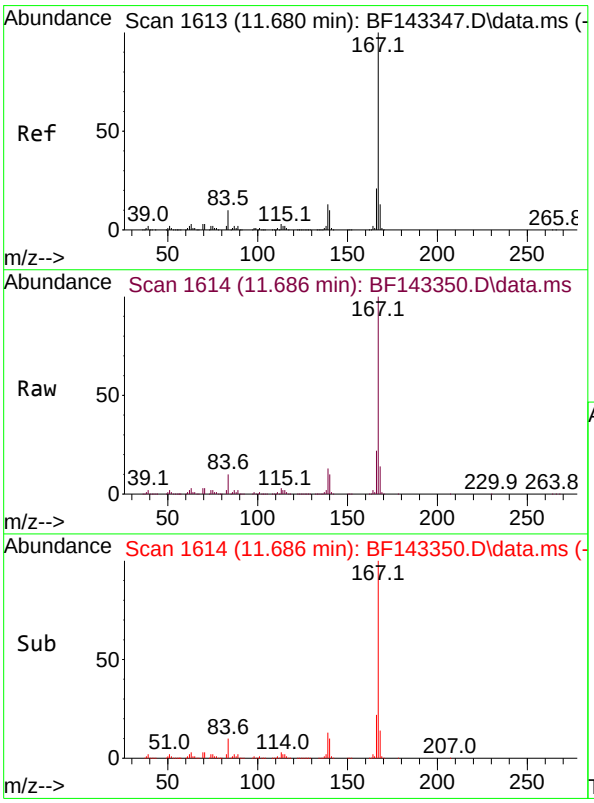
#72
Anthracene
Concen: 70.871 ng
RT: 11.533 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1758274

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.9	12.7	19.1

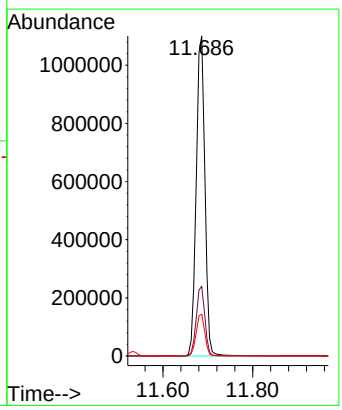


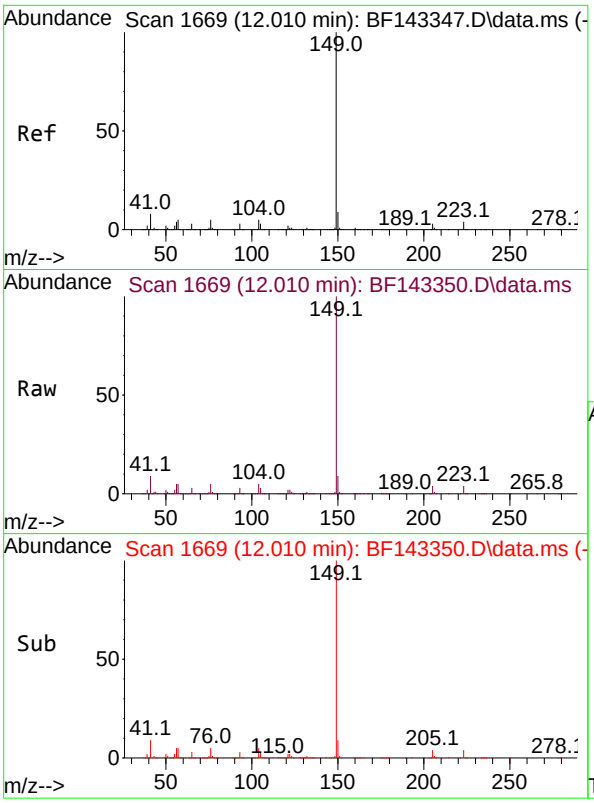


#73
Carbazole
Concen: 70.029 ng
RT: 11.686 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:167 Resp: 1479652

Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.8	25.2
139	13.1	10.2	15.2



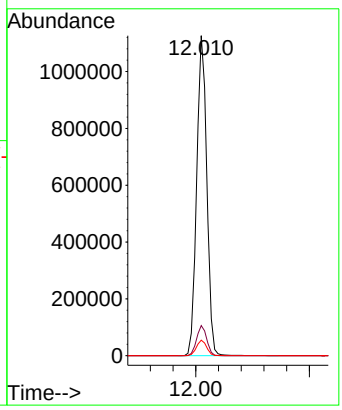


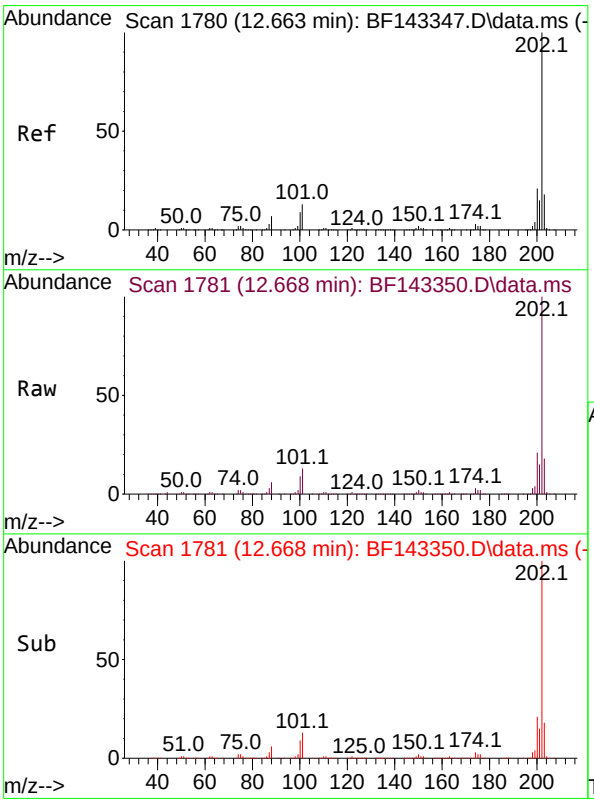
#74
Di-n-butylphthalate
Concen: 78.244 ng
RT: 12.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 1398975

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	4.9	3.8	5.8

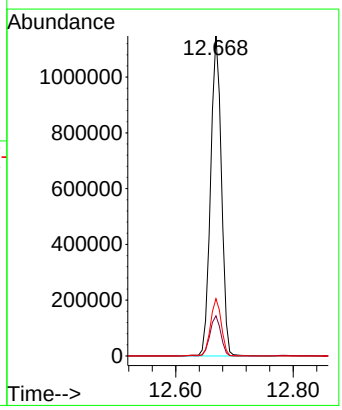


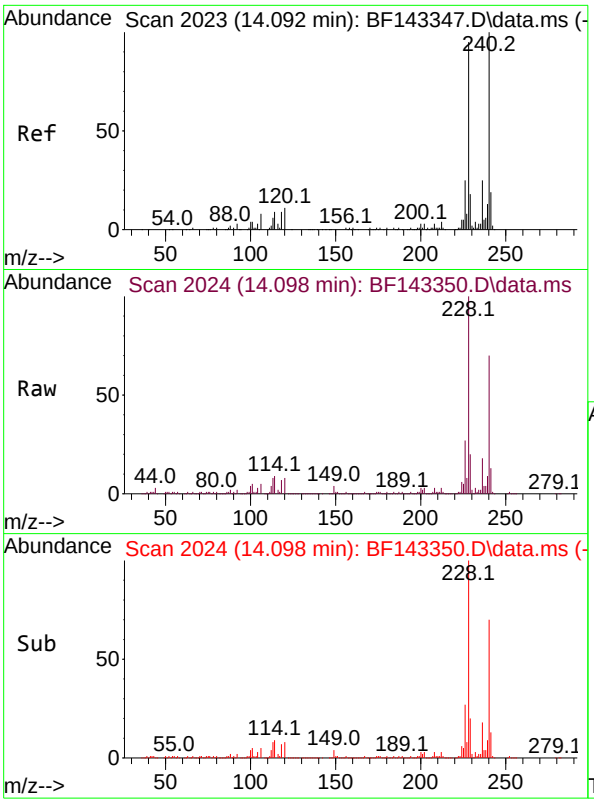


#75
Fluoranthene
Concen: 68.634 ng
RT: 12.668 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:202 Resp: 1470742

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.9	0.0	37.6



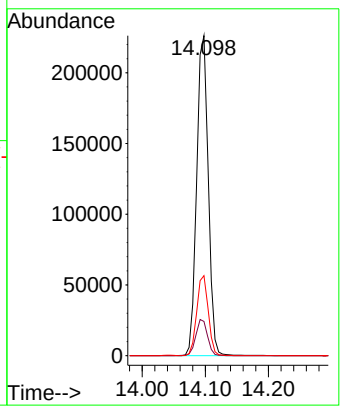


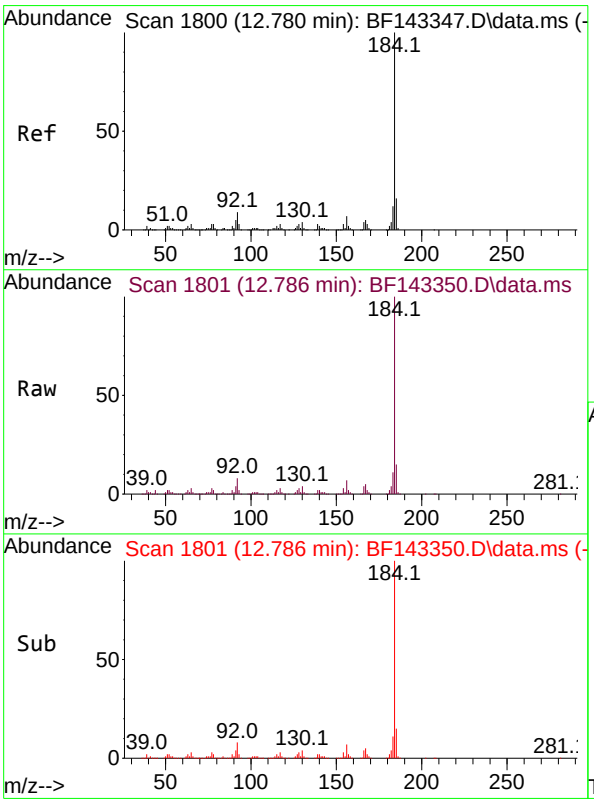
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 287871

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.6
236	25.0	19.9	29.9

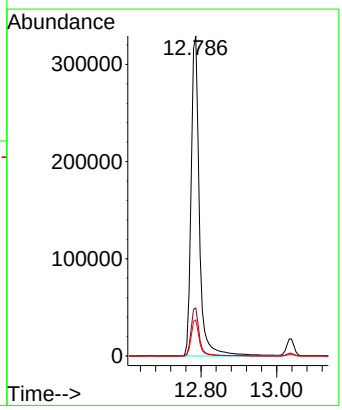


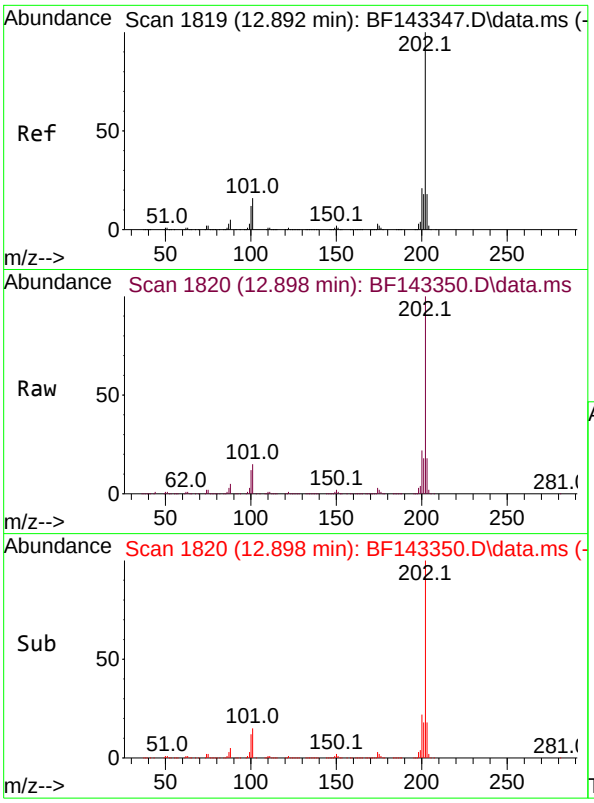


#77
Benzidine
Concen: 63.571 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:184 Resp: 500314

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.8	19.2
183	11.2	9.3	13.9



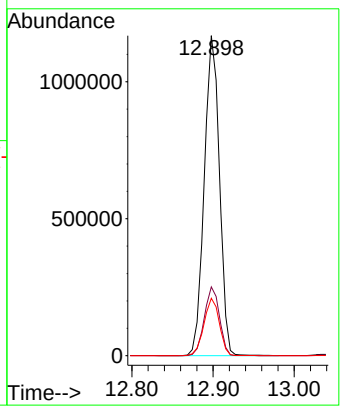


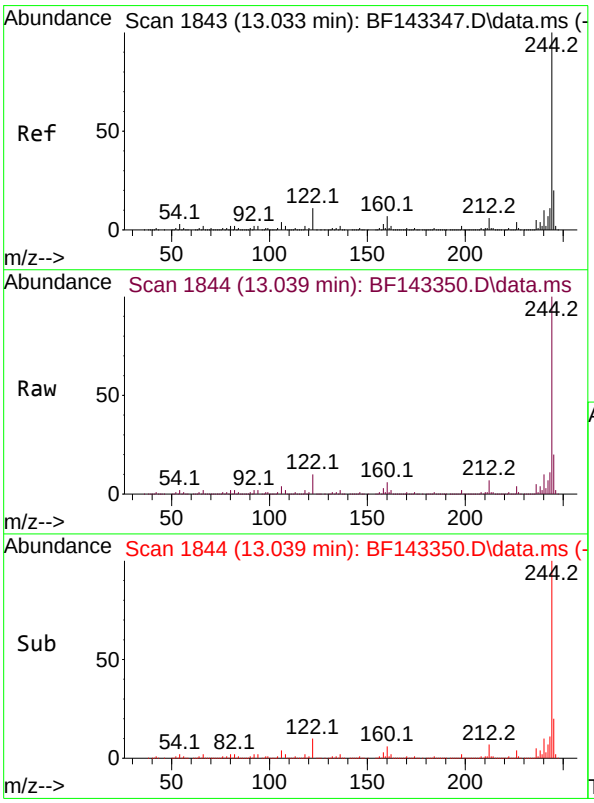
#78
Pyrene
Concen: 62.684 ng
RT: 12.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 1513789

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	18.0	14.2	21.4

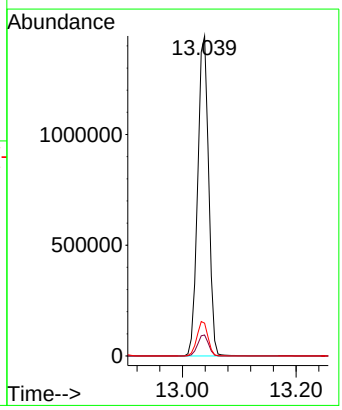


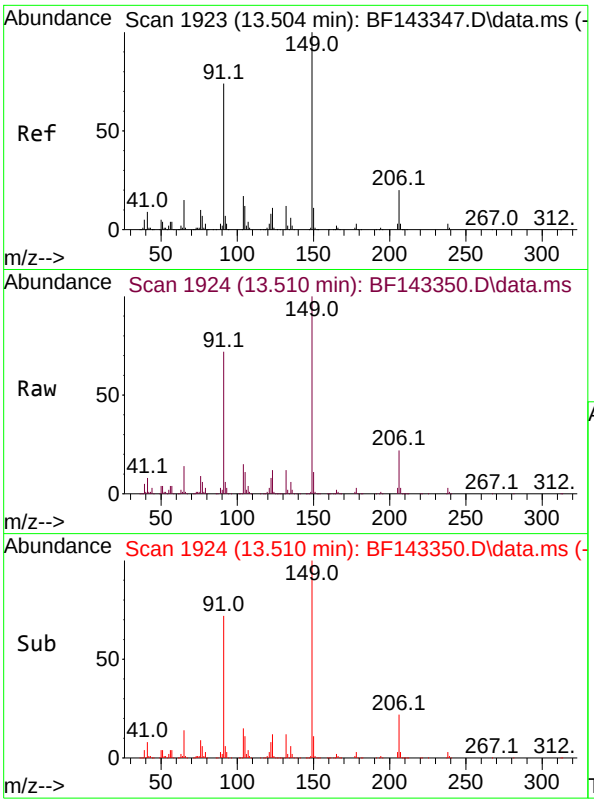


#79
Terphenyl-d14
Concen: 120.053 ng
RT: 13.039 min Scan# 1844
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:244 Resp: 1935761

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.1	7.7
122	10.2	8.9	13.3



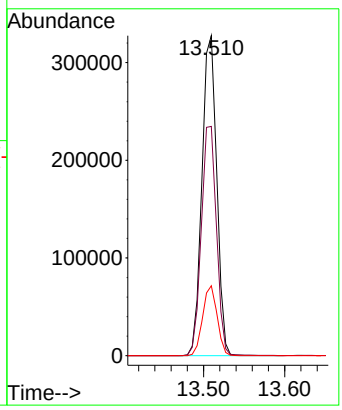


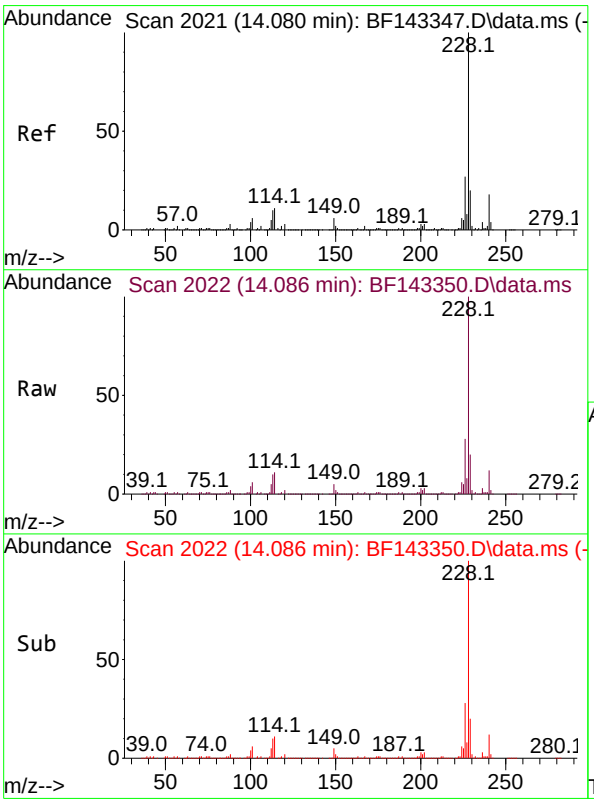
#80
Butylbenzylphthalate
Concen: 84.007 ng
RT: 13.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 413801

Ion	Ratio	Lower	Upper
149	100		
91	71.6	58.8	88.2
206	21.9	16.4	24.6

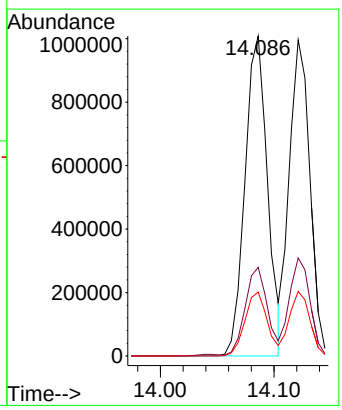


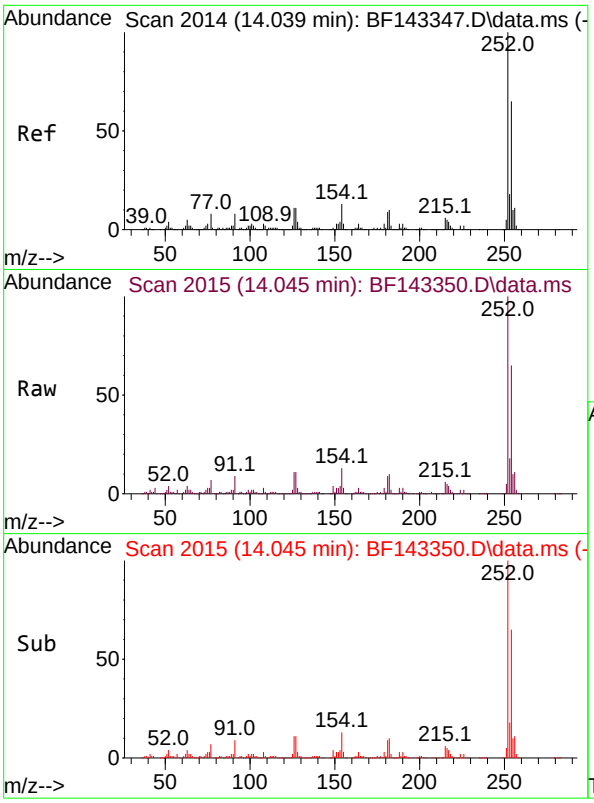


#81
Benzo(a)anthracene
Concen: 75.847 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:228 Resp: 1387766

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.9	15.8	23.8



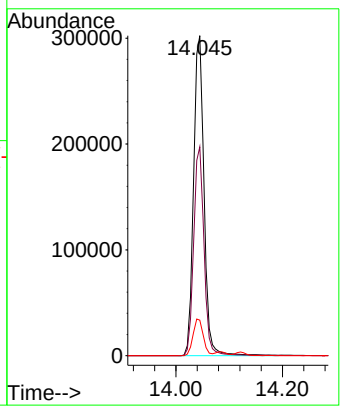


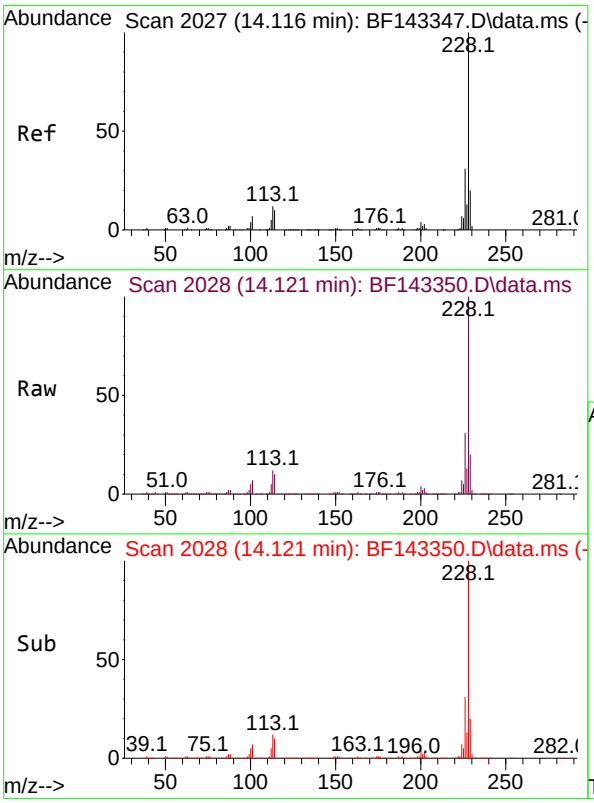
#82
3,3'-Dichlorobenzidine
Concen: 83.540 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 412736

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.7	77.5
126	11.1	9.2	13.8

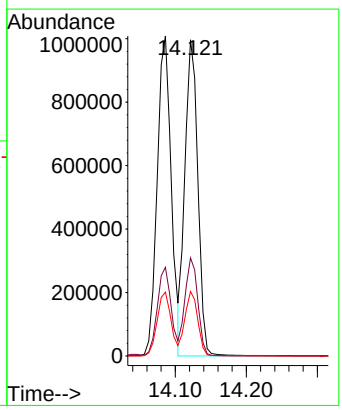


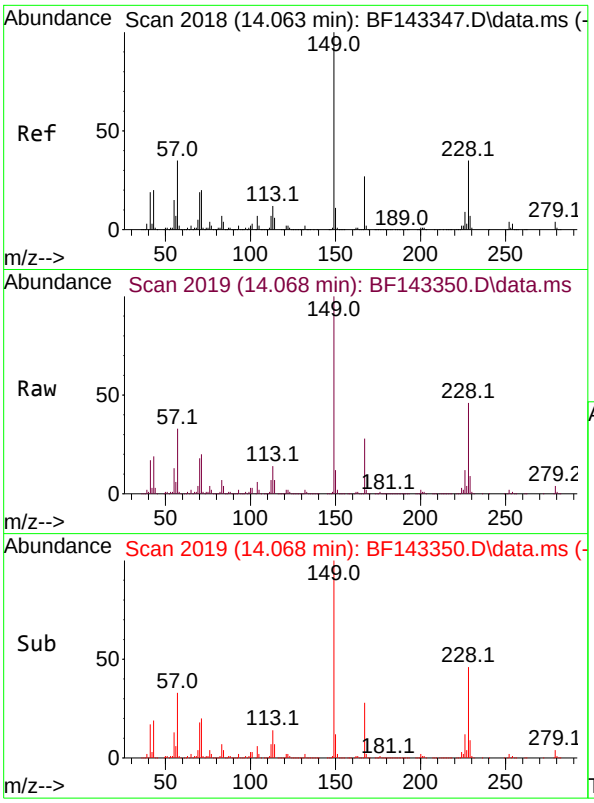


#83
Chrysene
Concen: 74.077 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:228 Resp: 1263816

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	20.4	15.8	23.6



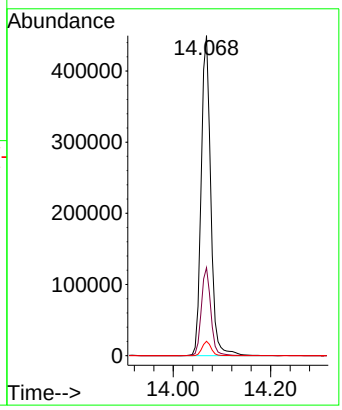


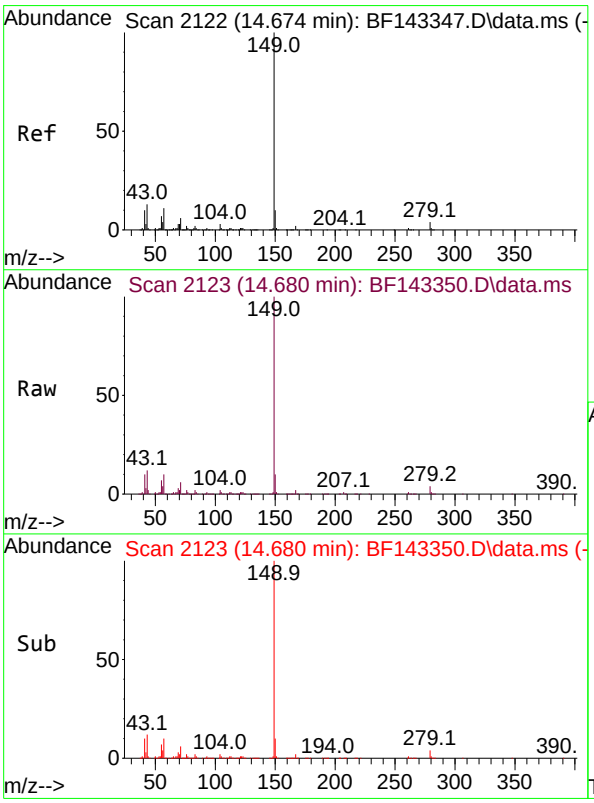
#84
Bis(2-ethylhexyl)phthalate
Concen: 83.803 ng
RT: 14.068 min Scan# 2
Delta R.T. 0.005 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 611031

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.4	32.0
279	4.5	3.2	4.8

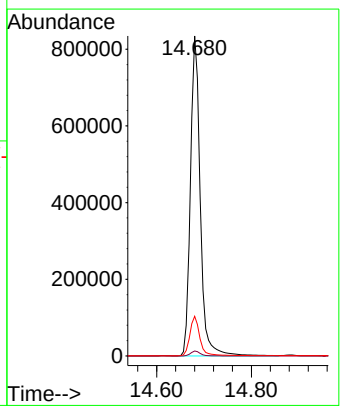


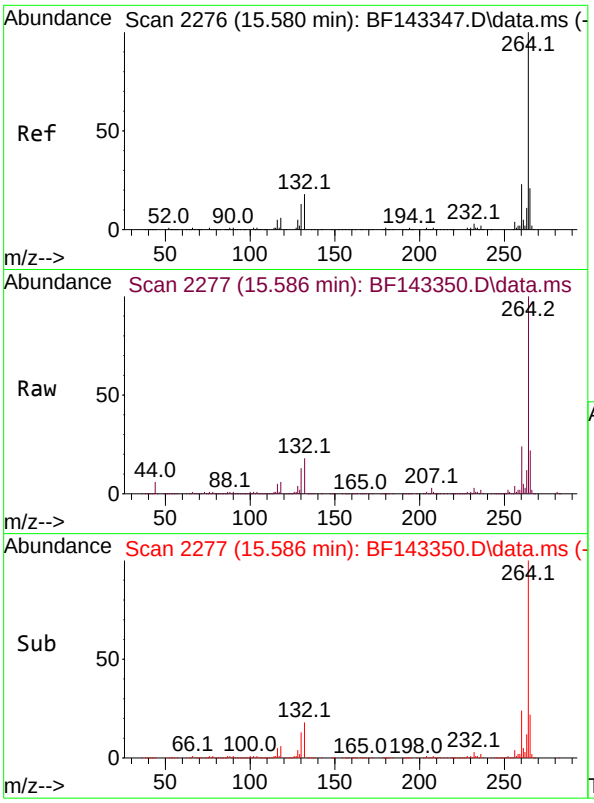


#85
Di-n-octyl phthalate
Concen: 81.478 ng
RT: 14.680 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:149 Resp: 1205873

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.6	10.8	16.2



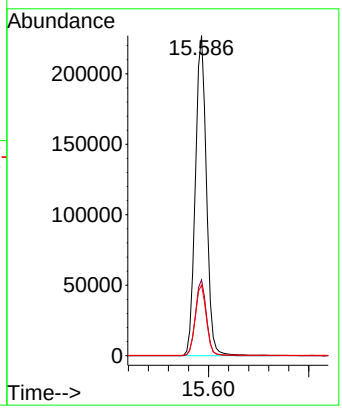


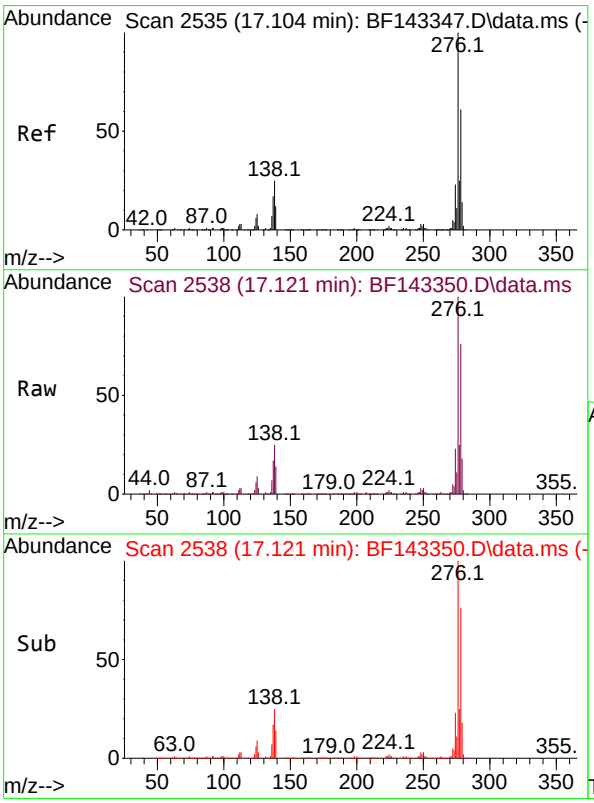
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 348017

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.0	17.2	25.8

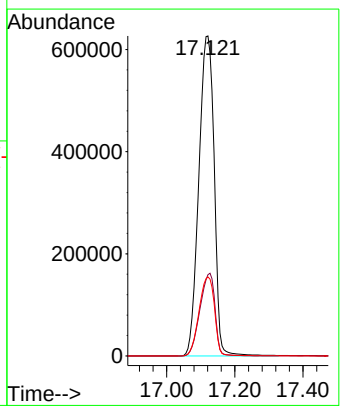


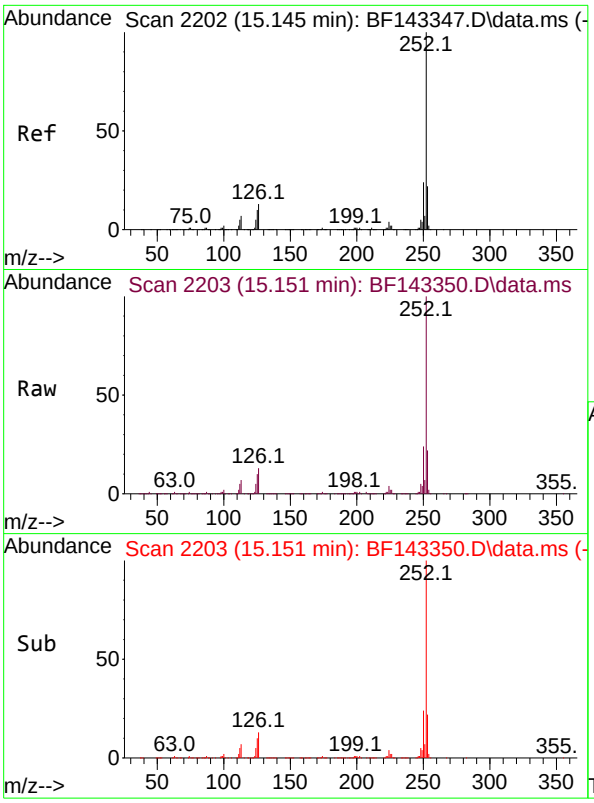


#87
Indeno(1,2,3-cd)pyrene
Concen: 78.760 ng
RT: 17.121 min Scan# 2538
Delta R.T. 0.017 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:276 Resp: 1963736

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.1	31.7
277	24.9	20.2	30.2



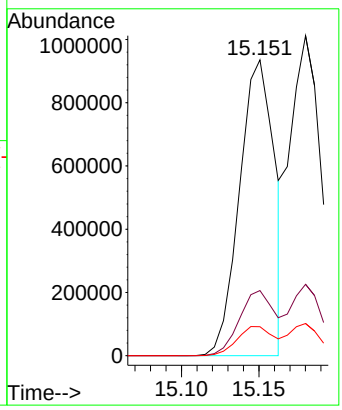


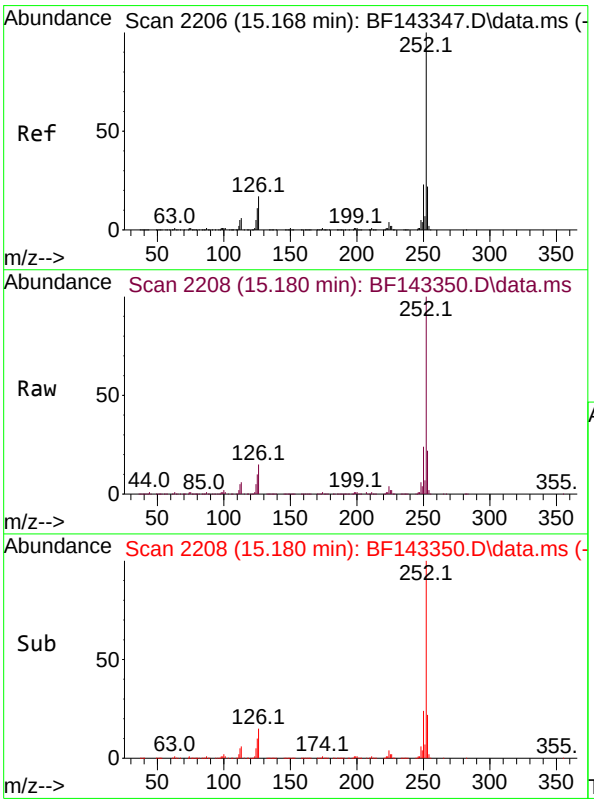
#88
Benzo(b)fluoranthene
Concen: 77.108 ng
RT: 15.151 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 1467752

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.8	7.8	11.6

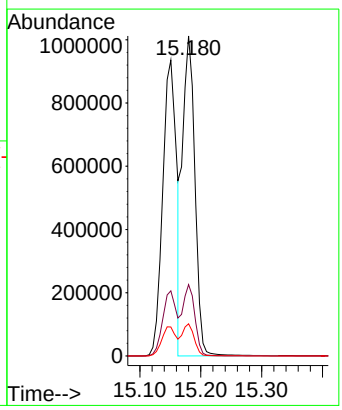


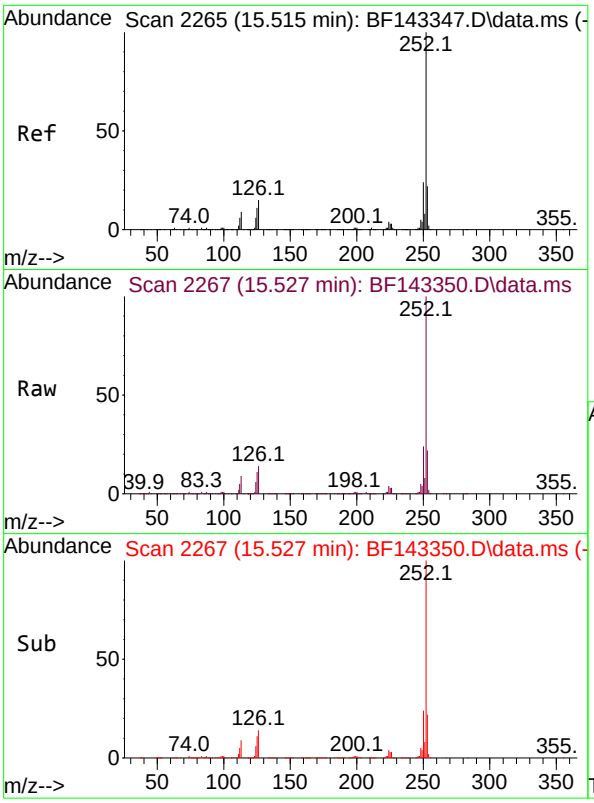


#89
Benzo(k)fluoranthene
Concen: 77.299 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:252 Resp: 1429731

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.0	8.4	12.6



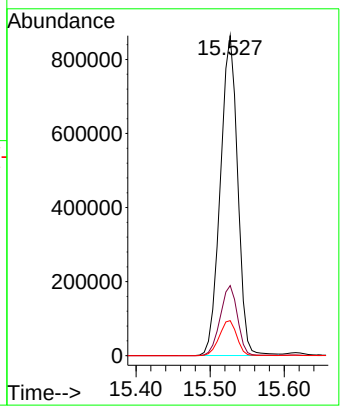


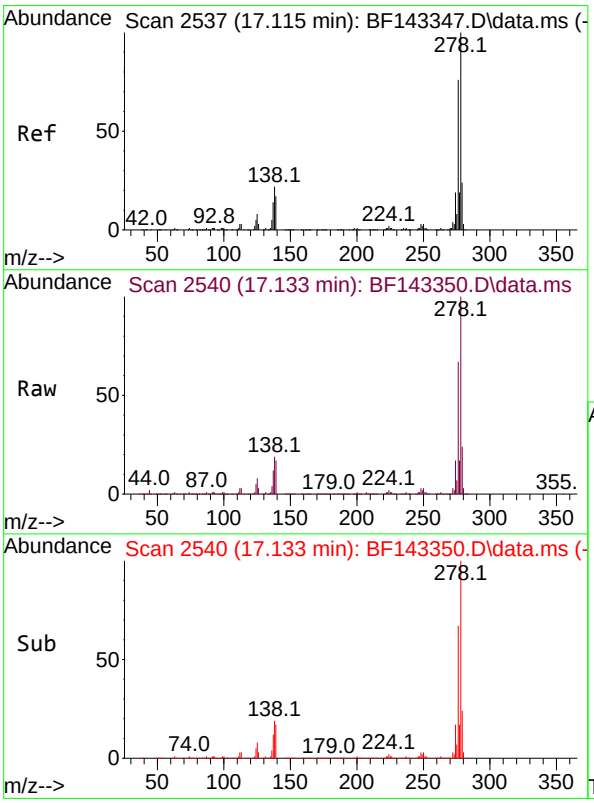
#90
Benzo(a)pyrene
Concen: 78.270 ng
RT: 15.527 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 1403212

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.0	9.1	13.7

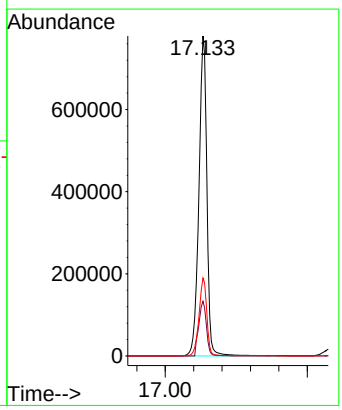


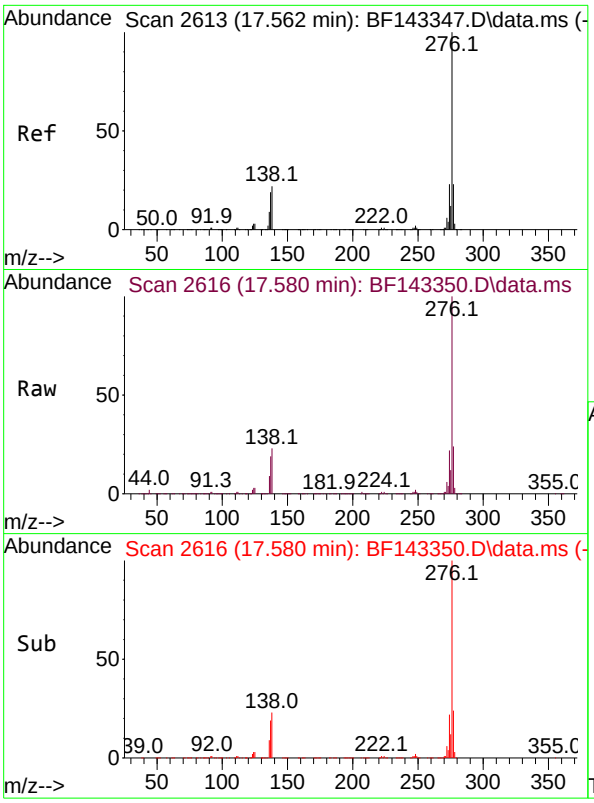


#91
Dibenzo(a,h)anthracene
Concen: 76.479 ng
RT: 17.133 min Scan# 2540
Delta R.T. 0.017 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:278 Resp: 1523387

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.0	21.0
279	24.3	19.4	29.0



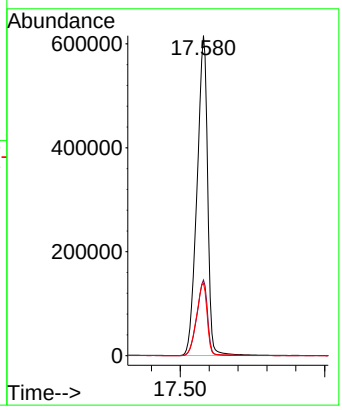


#92
Benzo(g,h,i)perylene
Concen: 77.932 ng
RT: 17.580 min Scan# 2
Delta R.T. 0.017 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 1563773

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	22.6	17.8	26.8



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	162839	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	633786	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	340813	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	507289	20.000	ng	0.00
76) Chrysene-d12	14.092	240	280276	20.000	ng	0.00
86) Perylene-d12	15.580	264	324835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	726544	77.155	ng	0.00
7) Phenol-d6	6.557	99	917587	75.986	ng	0.00
23) Nitrobenzene-d5	7.487	82	846400	83.164	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	211383	84.868	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1489585	74.116	ng	0.00
79) Terphenyl-d14	13.033	244	1227991	78.222	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.758	88	181552	37.259	ng	100
3) Pyridine	3.534	79	503048	38.741	ng	98
4) n-Nitrosodimethylamine	3.469	42	250430	41.403	ng	99
6) Aniline	6.593	93	691138	40.597	ng	98
8) 2-Chlorophenol	6.716	128	412875	41.033	ng	99
9) Benzaldehyde	6.481	77	322014	40.346	ng	99
10) Phenol	6.575	94	575912	40.258	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	411435	39.024	ng	99
12) 1,3-Dichlorobenzene	6.875	146	462064	39.813	ng	99
13) 1,4-Dichlorobenzene	6.946	146	467795	40.160	ng	99
14) 1,2-Dichlorobenzene	7.098	146	446591	40.389	ng	99
15) Benzyl Alcohol	7.069	79	366386	42.327	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	748899	39.787	ng	96
17) 2-Methylphenol	7.181	107	347573	40.922	ng	99
18) Hexachloroethane	7.445	117	154629	42.342	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	298013	39.940	ng	99
20) 3+4-Methylphenols	7.334	107	422225	41.105	ng	97
22) Acetophenone	7.334	105	558359	39.985	ng	98
24) Nitrobenzene	7.510	77	452284	40.919	ng	99
25) Isophorone	7.745	82	825406	39.728	ng	98
26) 2-Nitrophenol	7.828	139	190171	43.318	ng	99
27) 2,4-Dimethylphenol	7.863	122	384805	44.394	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	503776	39.714	ng	100
29) 2,4-Dichlorophenol	8.069	162	349559	41.289	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	366302	41.017	ng	100
31) Naphthalene	8.234	128	1170219	38.372	ng	100
32) Benzoic acid	7.969	122	157226	43.285	ng	99
33) 4-Chloroaniline	8.275	127	490782	44.618	ng	98
34) Hexachlorobutadiene	8.351	225	218687	39.366	ng	99
35) Caprolactam	8.640	113	99702	41.892	ng	95
36) 4-Chloro-3-methylphenol	8.757	107	361383	40.717	ng	99
37) 2-Methylnaphthalene	8.922	142	707136	35.270	ng	100
38) 1-Methylnaphthalene	9.022	142	733181	37.970	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	365752	39.218	ng	100
41) Hexachlorocyclopentadiene	9.081	237	161472	51.644	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	226704	42.843	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

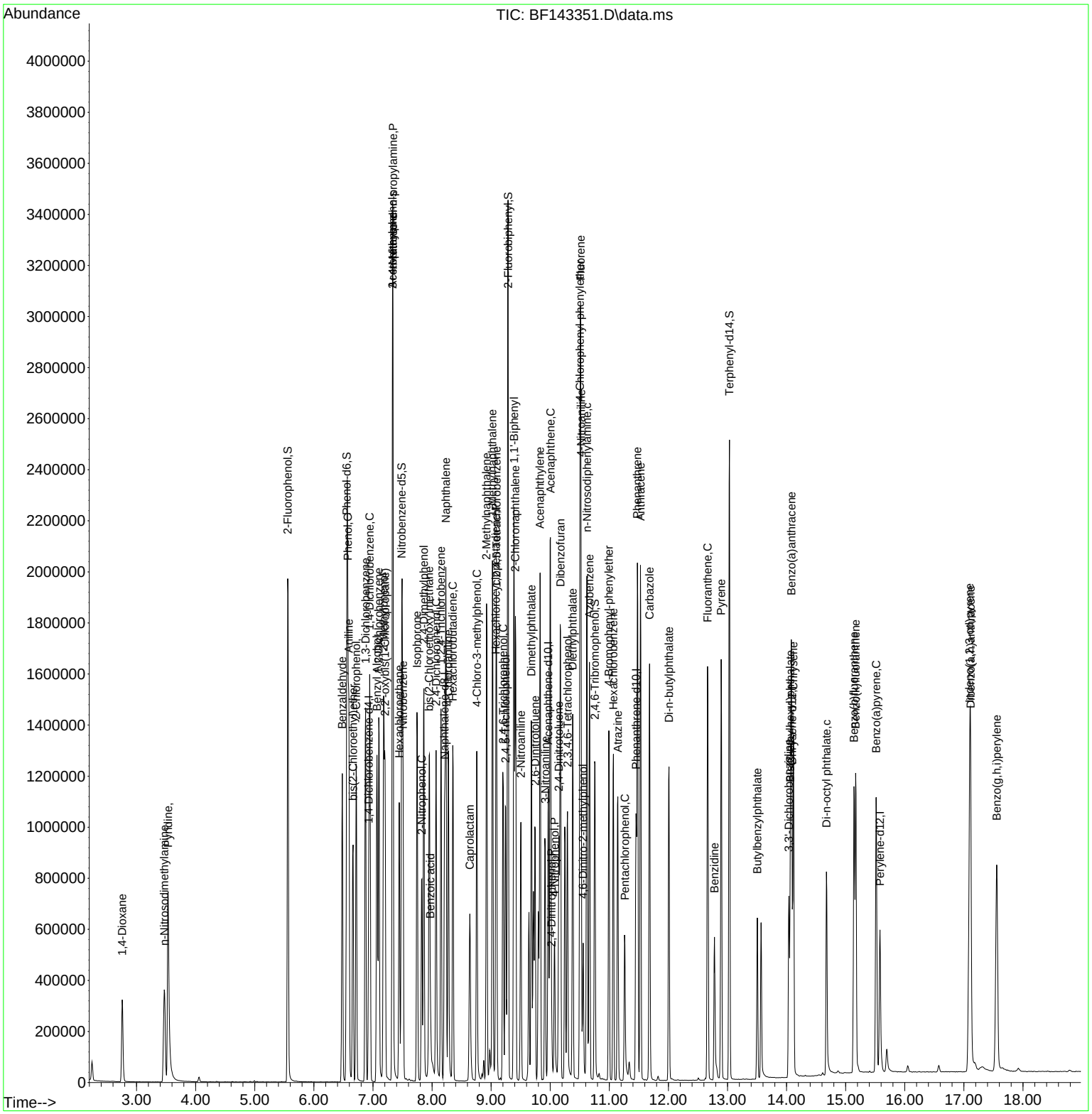
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	246815	41.305	ng	99
46) 1,1'-Biphenyl	9.387	154	935277	38.812	ng	100
47) 2-Chloronaphthalene	9.410	162	722952	38.093	ng	99
48) 2-Nitroaniline	9.504	65	228854	42.167	ng	100
49) Acenaphthylene	9.828	152	1164992	42.507	ng	100
50) Dimethylphthalate	9.681	163	799080	40.126	ng	99
51) 2,6-Dinitrotoluene	9.745	165	168880	45.012	ng	94
52) Acenaphthene	10.004	154	690443	37.893	ng	99
53) 3-Nitroaniline	9.916	138	194097	47.593	ng	97
54) 2,4-Dinitrophenol	10.022	184	56042	45.910	ng	98
55) Dibenzofuran	10.175	168	1013581	38.652	ng	99
56) 4-Nitrophenol	10.075	139	124501	41.060	ng	97
57) 2,4-Dinitrotoluene	10.145	165	215795	43.458	ng	98
58) Fluorene	10.516	166	761581	38.022	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	201768	50.091	ng	98
60) Diethylphthalate	10.381	149	719164	40.317	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	368971	38.123	ng	99
62) 4-Nitroaniline	10.522	138	174863	44.317	ng	99
63) Azobenzene	10.663	77	809295	39.721	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	87717	43.535	ng	97
66) n-Nitrosodiphenylamine	10.622	169	659263	39.468	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	228971	39.466	ng	99
68) Hexachlorobenzene	11.069	284	240521	38.460	ng	99
69) Atrazine	11.145	200	178347	40.936	ng	99
70) Pentachlorophenol	11.263	266	108593	38.771	ng	96
71) Phenanthrene	11.475	178	1060892	38.330	ng	100
72) Anthracene	11.528	178	1090047	38.834	ng	99
73) Carbazole	11.681	167	929366	38.877	ng	99
74) Di-n-butylphthalate	12.010	149	871054	43.060	ng	100
75) Fluoranthene	12.663	202	910203	37.543	ng	99
77) Benzidine	12.780	184	336170	43.872	ng	99
78) Pyrene	12.892	202	924712	39.329	ng	100
80) Butylbenzylphthalate	13.504	149	188120	41.012	ng	99
81) Benzo(a)anthracene	14.080	228	693960	38.956	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	222482	46.252	ng	99
83) Chrysene	14.116	228	639568	38.503	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	285665	42.315	ng	100
85) Di-n-octyl phthalate	14.674	149	563193	42.219	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	934056	40.136	ng	100
88) Benzo(b)fluoranthene	15.139	252	725882	40.856	ng	99
89) Benzo(k)fluoranthene	15.169	252	639883	37.064	ng	100
90) Benzo(a)pyrene	15.516	252	686526	41.027	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	757376	40.736	ng	99
92) Benzo(g,h,i)perylene	17.557	276	767923	41.001	ng	99

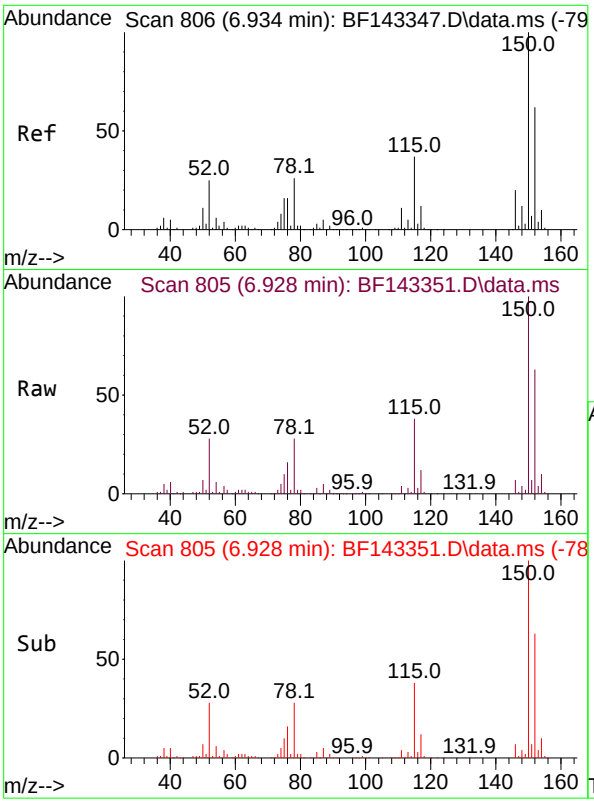
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration



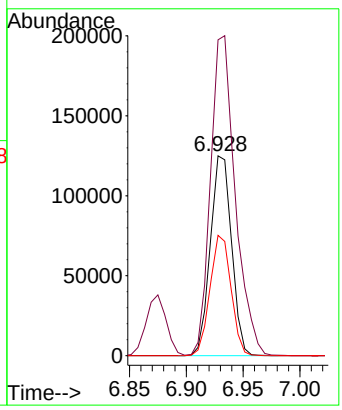


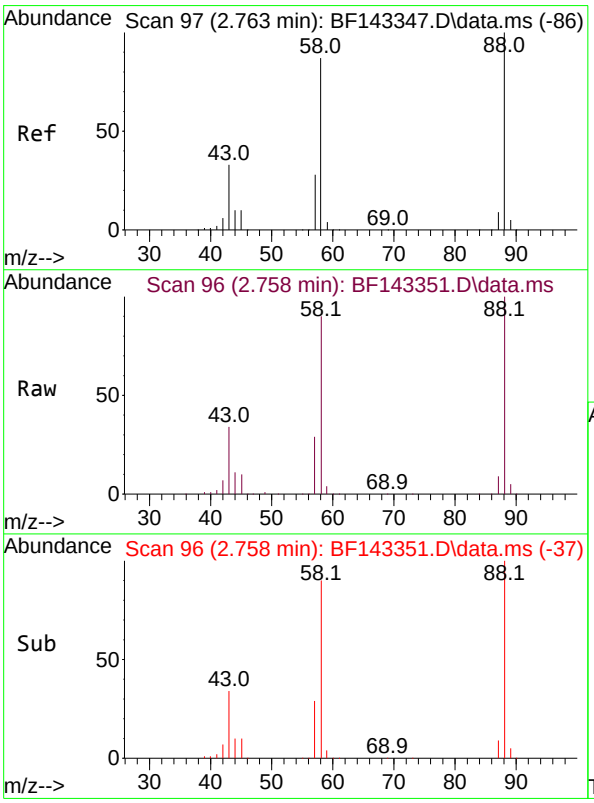
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:152 Resp: 162839

Ion	Ratio	Lower	Upper
152	100		
150	158.0	129.8	194.8
115	60.2	47.8	71.8

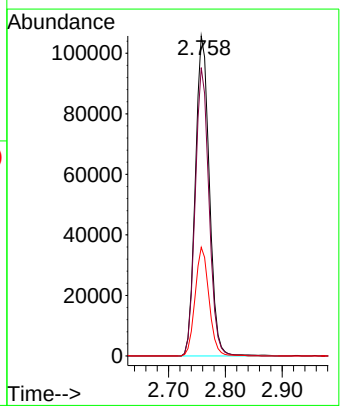


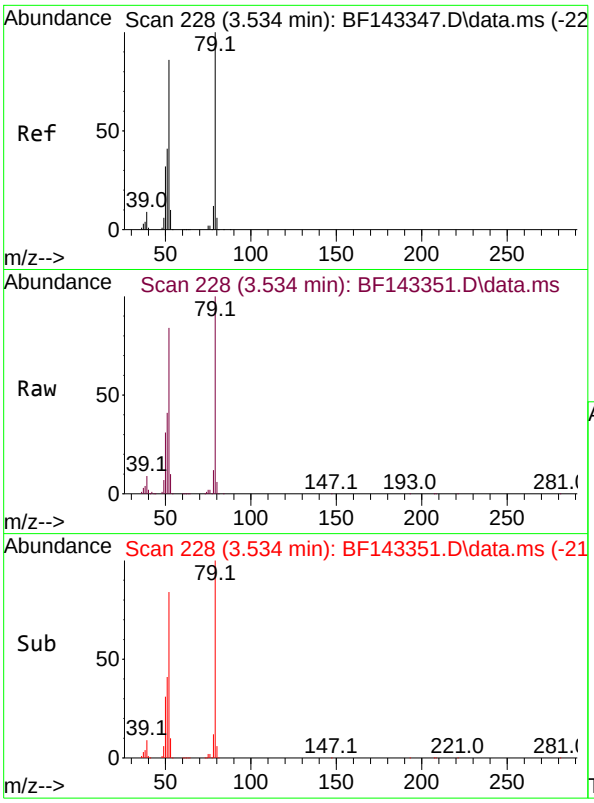


#2
1,4-Dioxane
Concen: 37.259 ng
RT: 2.758 min Scan# 96
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 88 Resp: 181552

Ion	Ratio	Lower	Upper
88	100		
58	88.6	71.0	106.6
43	33.7	27.0	40.6



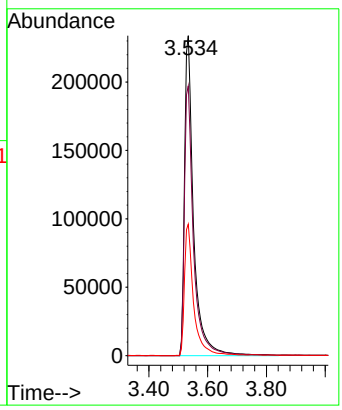


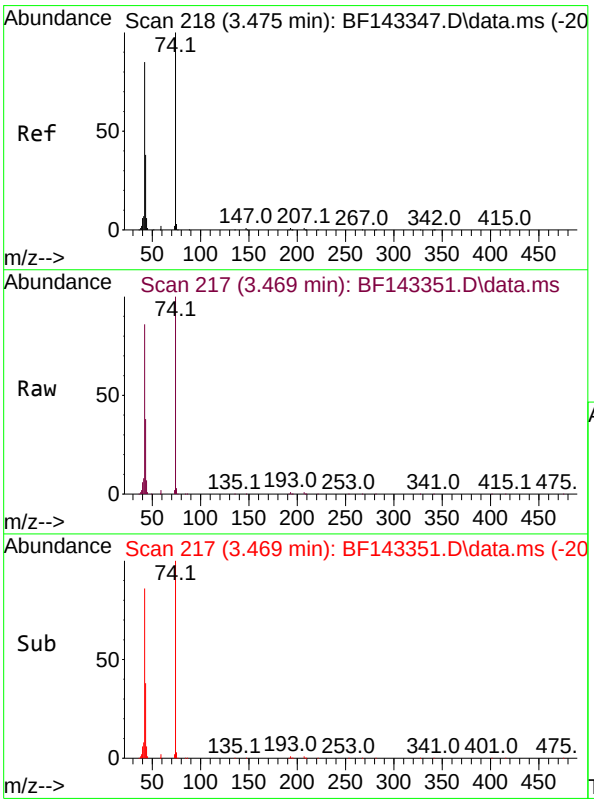
#3
Pyridine
Concen: 38.741 ng
RT: 3.534 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion: 79 Resp: 503048

Ion	Ratio	Lower	Upper
79	100		
52	84.3	68.7	103.1
51	41.1	33.4	50.0

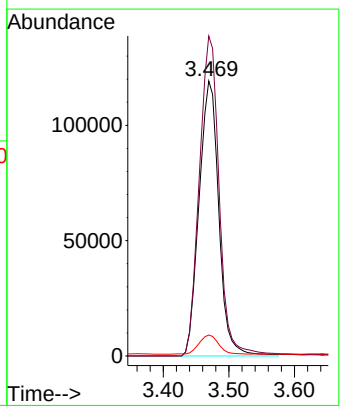


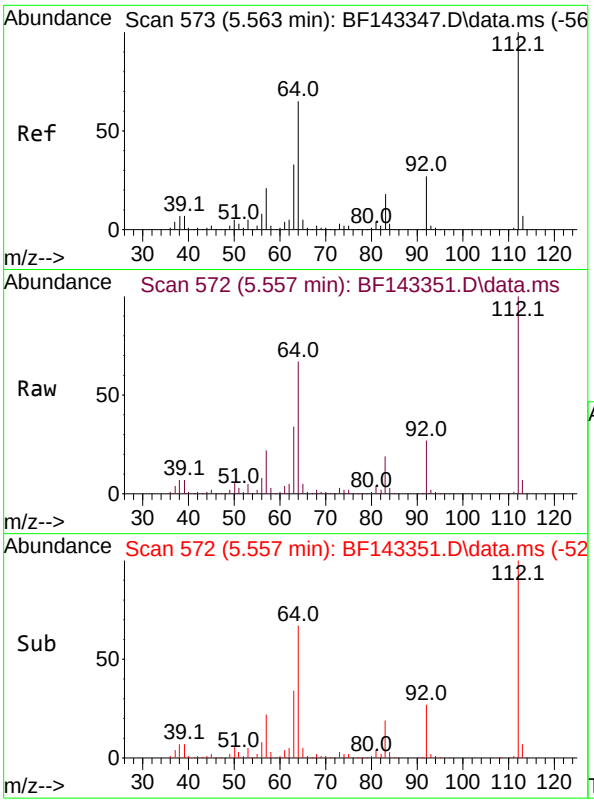


#4
n-Nitrosodimethylamine
Concen: 41.403 ng
RT: 3.469 min Scan# 217
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 42 Resp: 250430

Ion	Ratio	Lower	Upper
42	100		
74	116.3	94.1	141.1
44	7.6	6.5	9.7



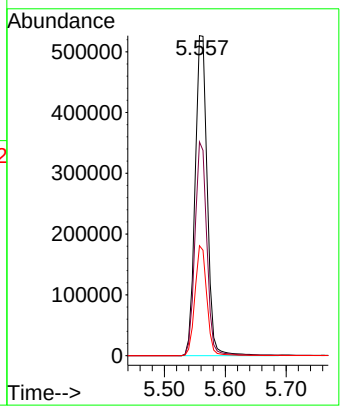


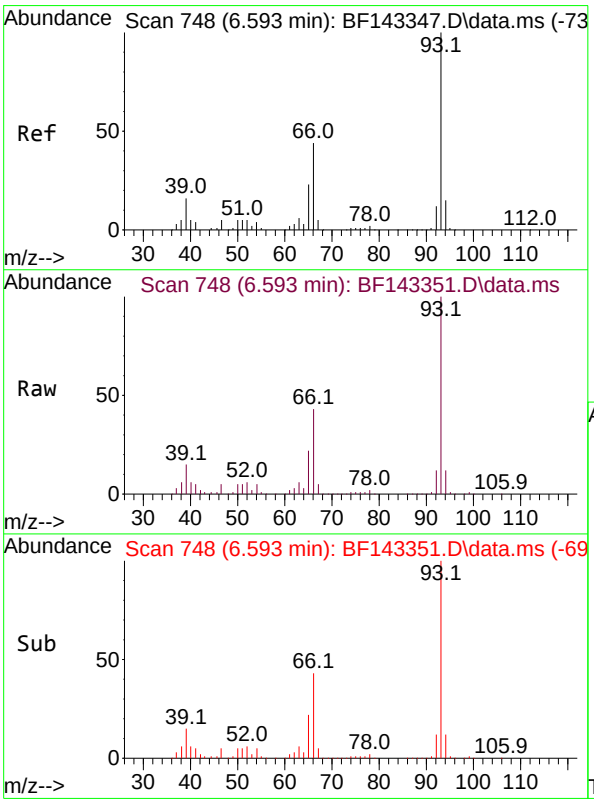
#5
2-Fluorophenol
Concen: 77.155 ng
RT: 5.557 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:112 Resp: 726544

Ion	Ratio	Lower	Upper
112	100		
64	66.8	52.1	78.1
63	34.4	26.6	39.8

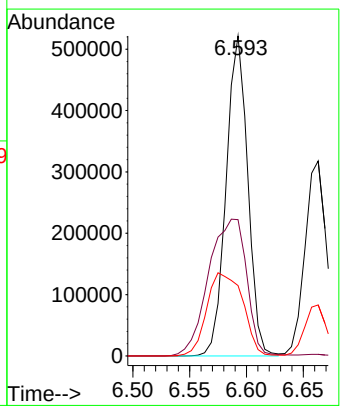


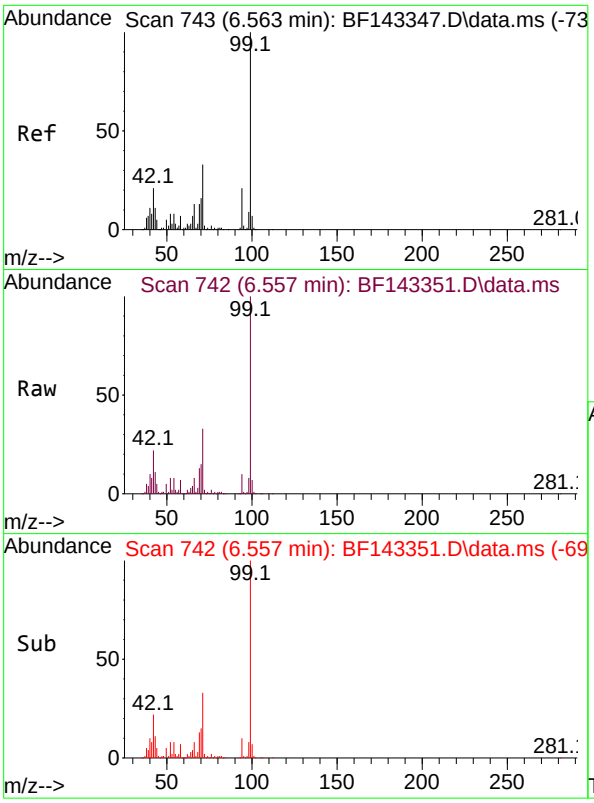


#6
Aniline
Concen: 40.597 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 93 Resp: 691138

Ion	Ratio	Lower	Upper
93	100		
66	42.6	35.3	52.9
65	22.0	18.2	27.4



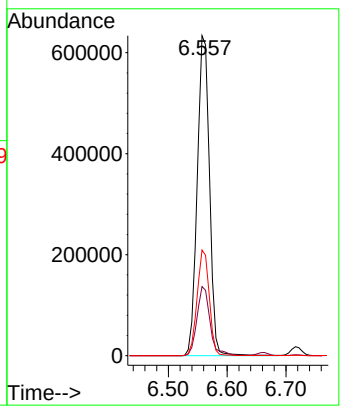


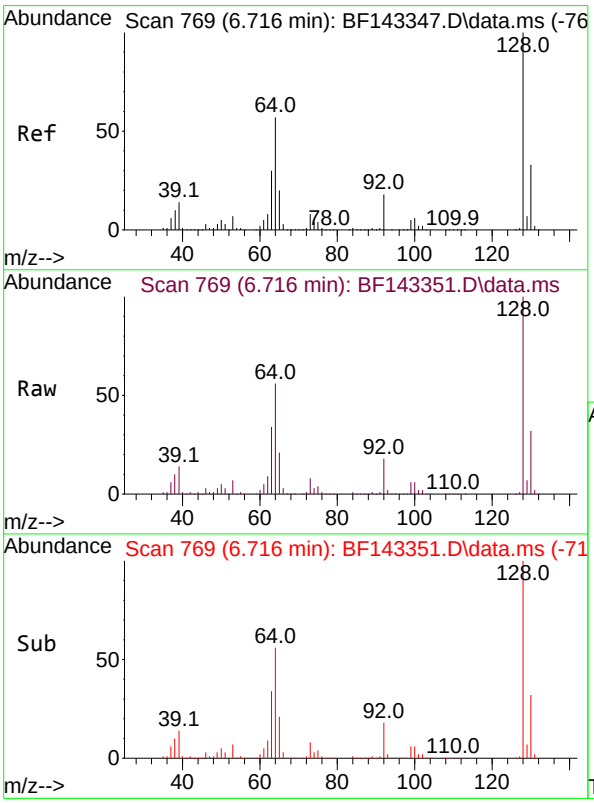
#7
Phenol-d6
Concen: 75.986 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion: 99 Resp: 917587

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.6	25.0
71	33.0	26.2	39.2

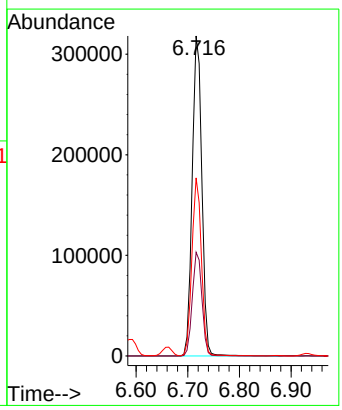


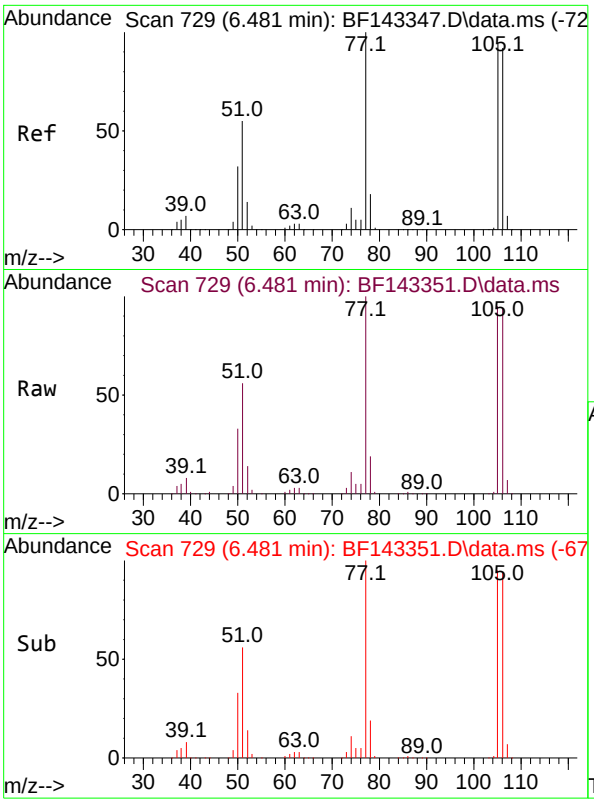


#8
2-Chlorophenol
Concen: 41.033 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:128 Resp: 412875

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	55.6	36.7	76.7



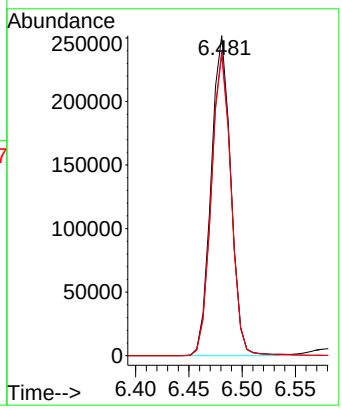


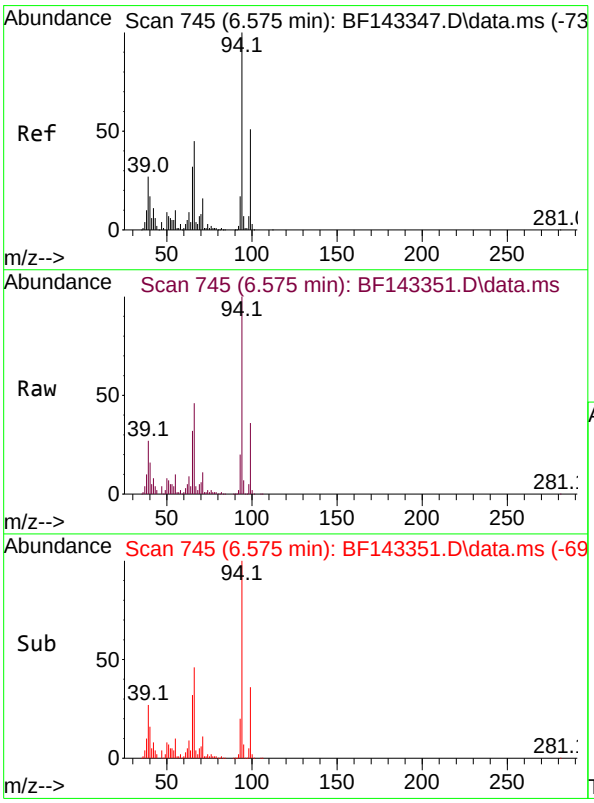
#9
Benzaldehyde
Concen: 40.346 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion: 77 Resp: 322014

Ion	Ratio	Lower	Upper
77	100		
105	95.2	74.2	114.2
106	94.0	72.2	112.2

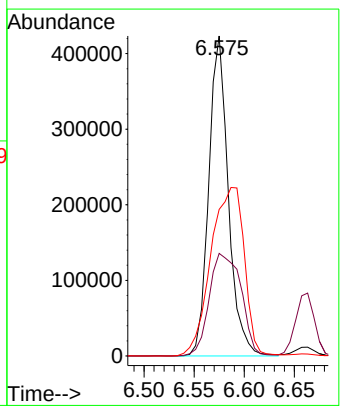


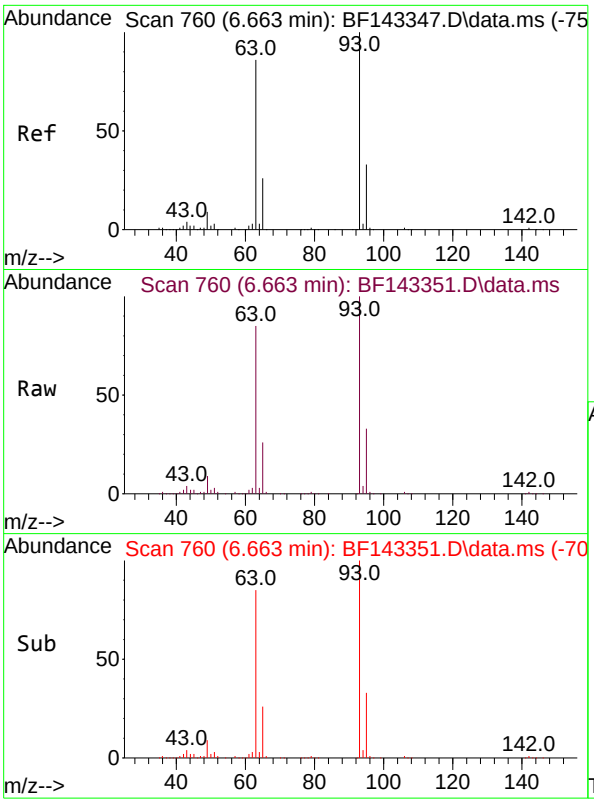


#10
Phenol
Concen: 40.258 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 94 Resp: 575912

Ion	Ratio	Lower	Upper
94	100		
65	32.1	12.0	52.0
66	45.8	25.6	65.6



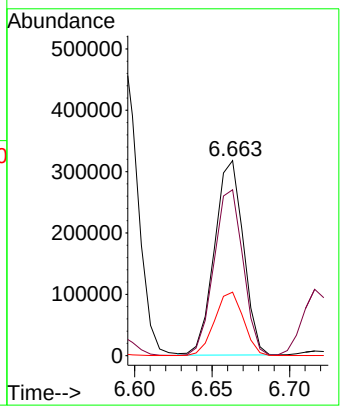


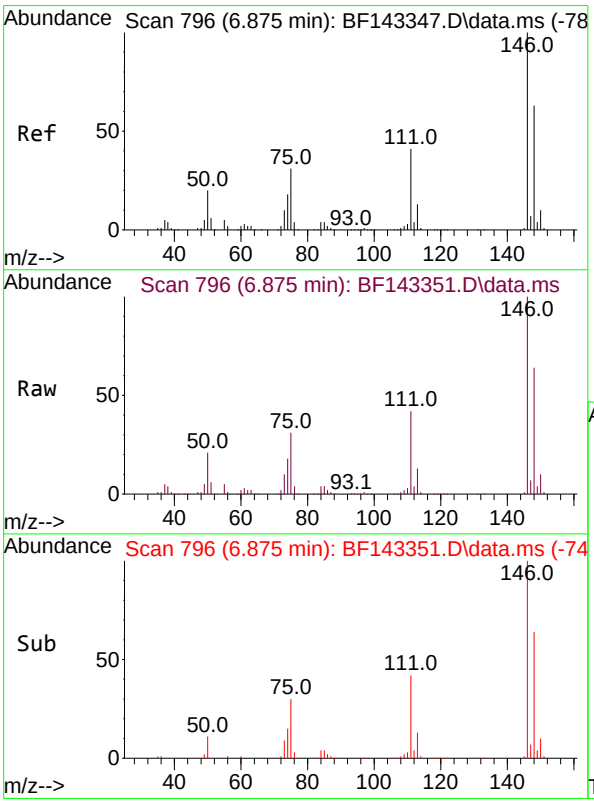
#11
bis(2-Chloroethyl)ether
Concen: 39.024 ng
RT: 6.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion: 93 Resp: 411435

Ion	Ratio	Lower	Upper
93	100		
63	85.1	65.7	105.7
95	32.6	13.0	53.0

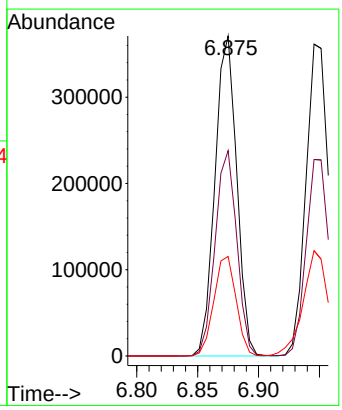


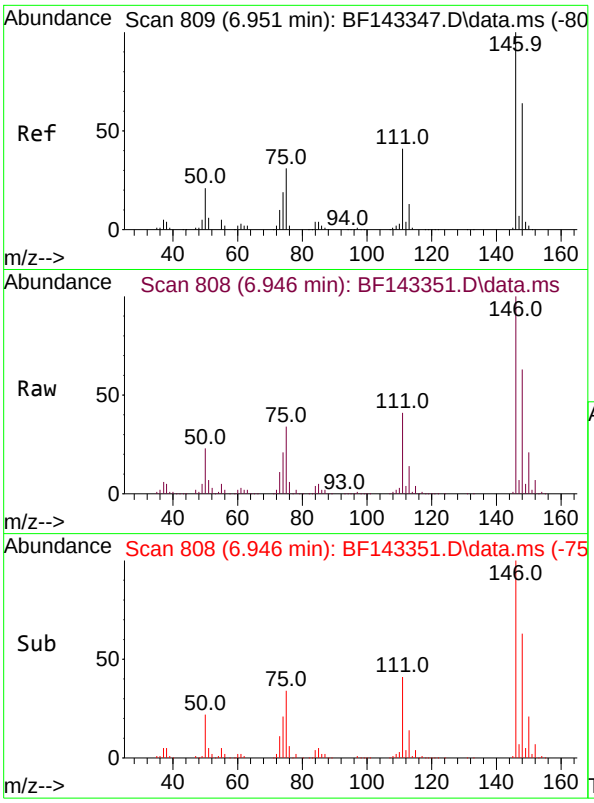


#12
1,3-Dichlorobenzene
Concen: 39.813 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:146 Resp: 462064

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
75	31.1	24.9	37.3



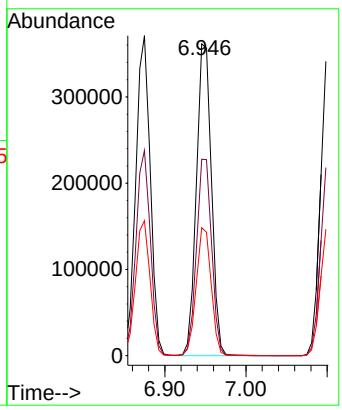


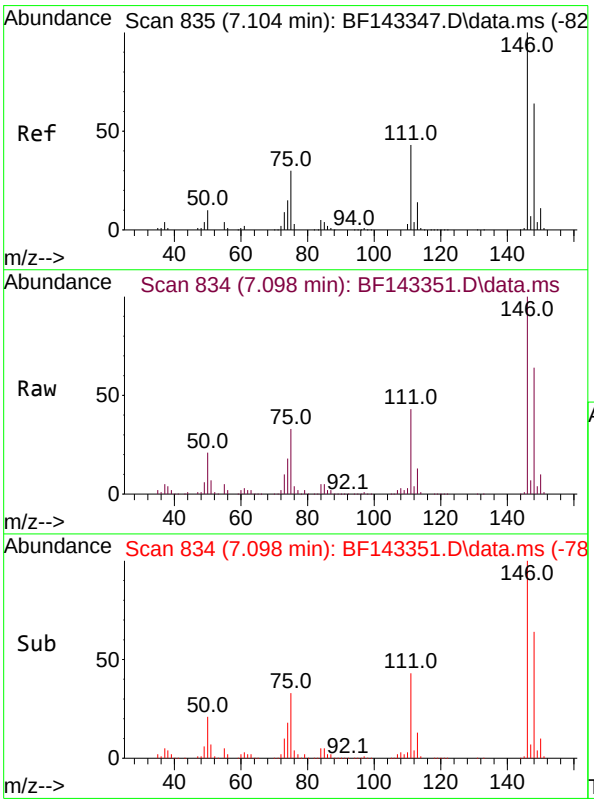
#13
1,4-Dichlorobenzene
Concen: 40.160 ng
RT: 6.946 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:146 Resp: 467795

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.0
111	41.0	32.6	48.8

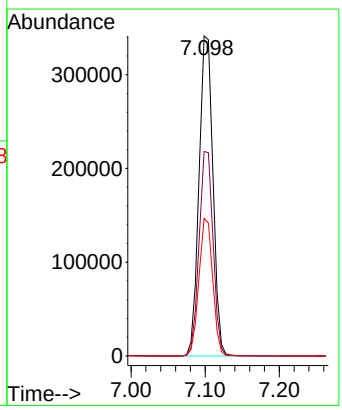


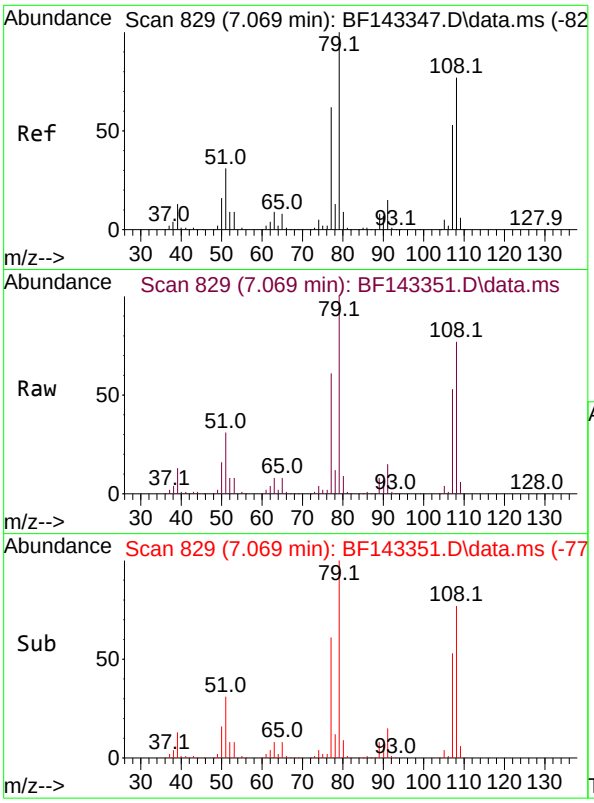


#14
1,2-Dichlorobenzene
Concen: 40.389 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:146 Resp: 446591

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	43.0	34.1	51.1



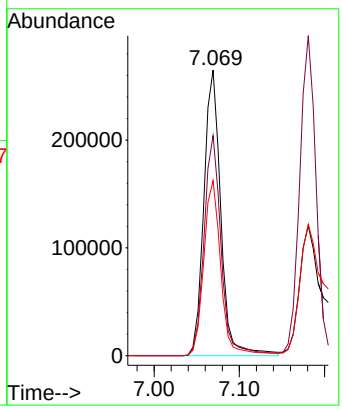


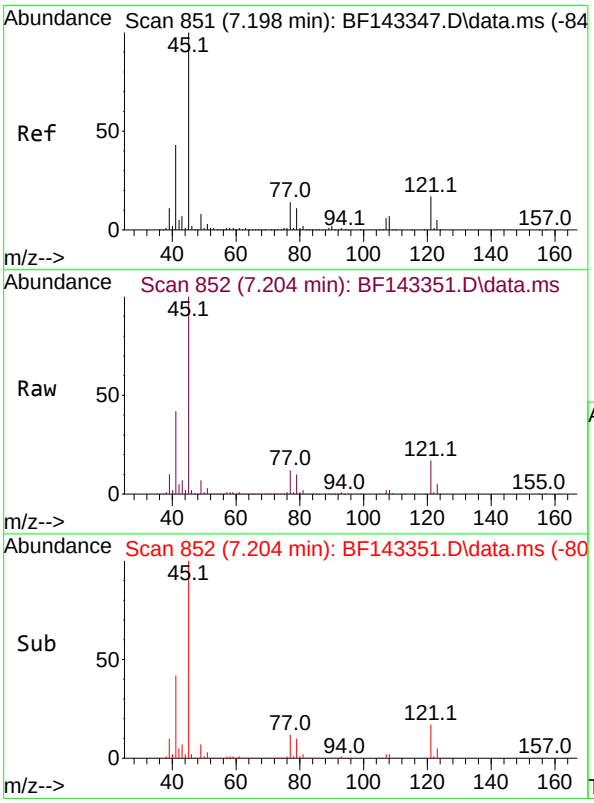
#15
Benzyl Alcohol
Concen: 42.327 ng
RT: 7.069 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion: 79 Resp: 366386

Ion	Ratio	Lower	Upper
79	100		
108	77.1	61.5	92.3
77	61.3	49.8	74.8

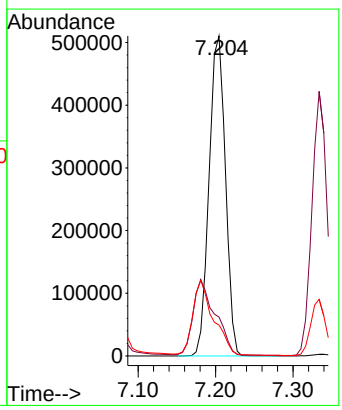


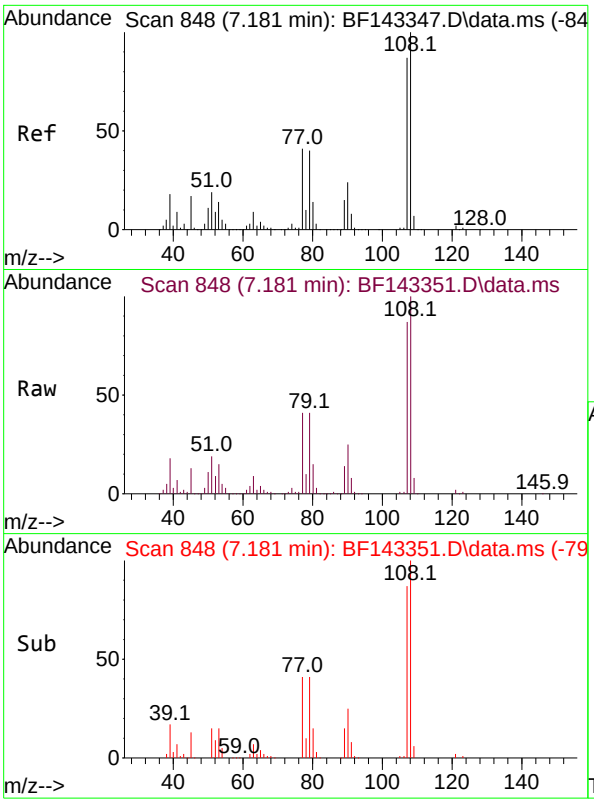


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.787 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 45 Resp: 748899

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	34.0
79	9.7	0.0	31.1



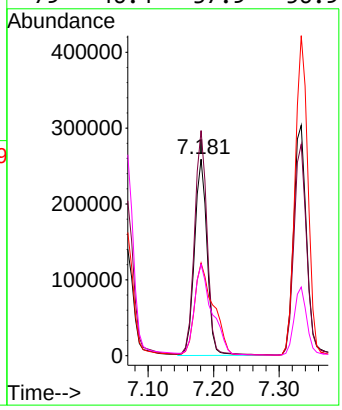


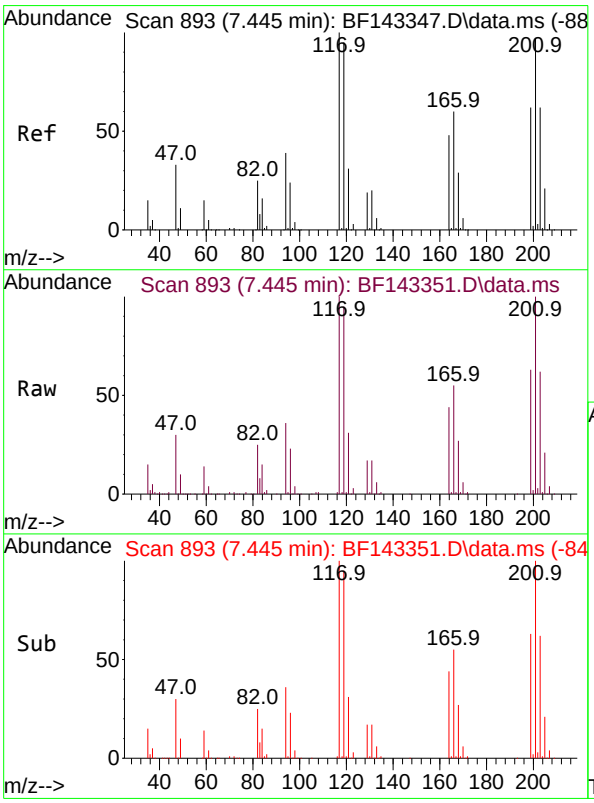
#17
2-Methylphenol
Concen: 40.922 ng
RT: 7.181 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:107 Resp: 347573

Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.0	138.0
77	47.1	38.2	57.2
79	46.4	37.9	56.9

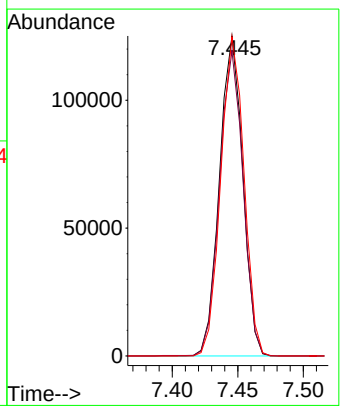


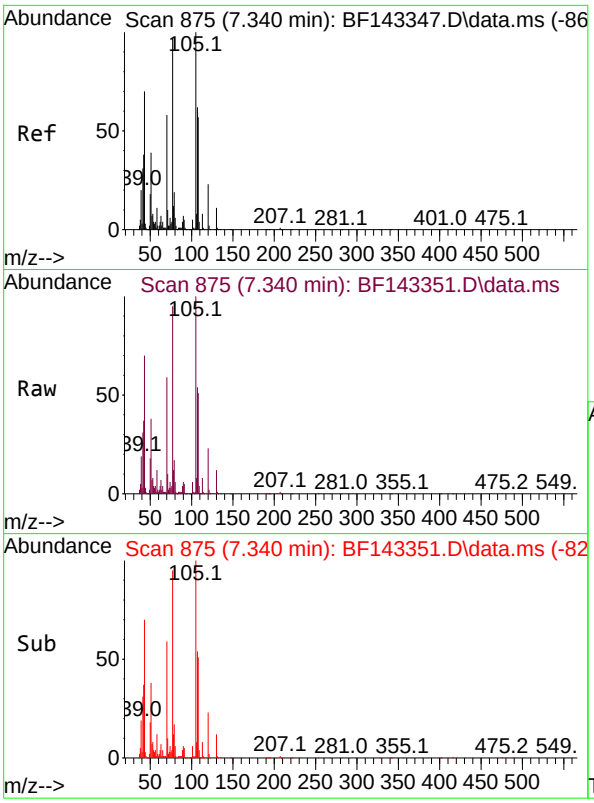


#18
Hexachloroethane
Concen: 42.342 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:117 Resp: 154629

Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.8
201	99.7	77.2	115.8



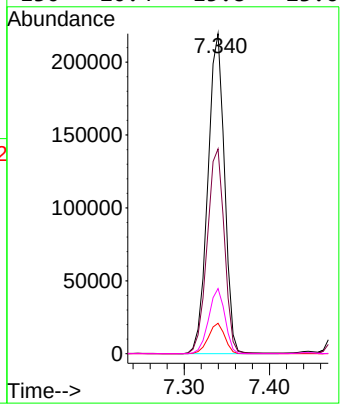


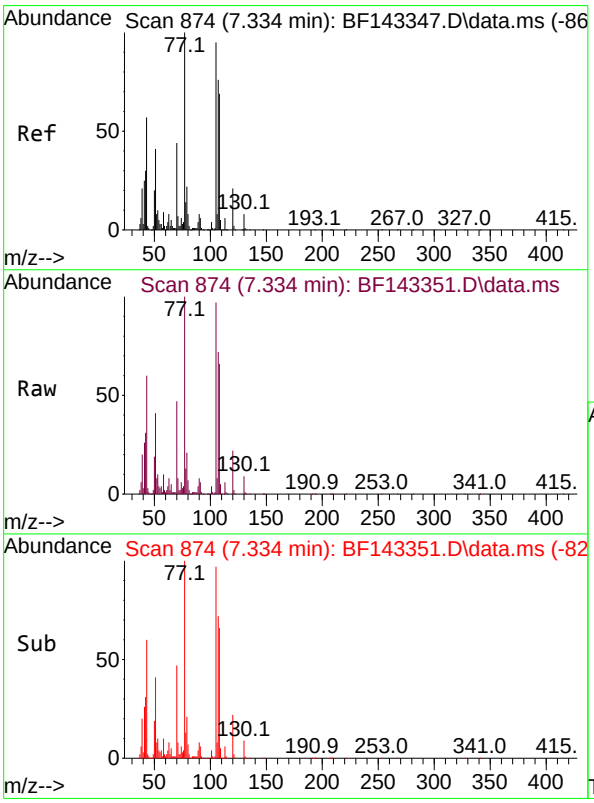
#19
n-Nitroso-di-n-propylamine
Concen: 39.940 ng
RT: 7.340 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion: 70 Resp: 298013

Ion	Ratio	Lower	Upper
70	100		
42	64.0	51.6	77.4
101	9.5	7.5	11.3
130	20.4	15.8	23.6

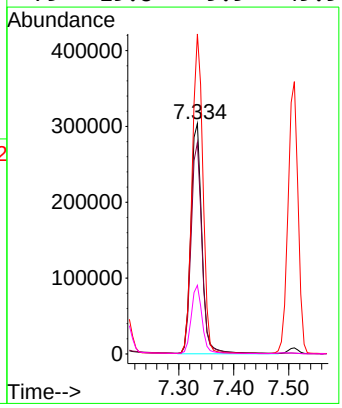


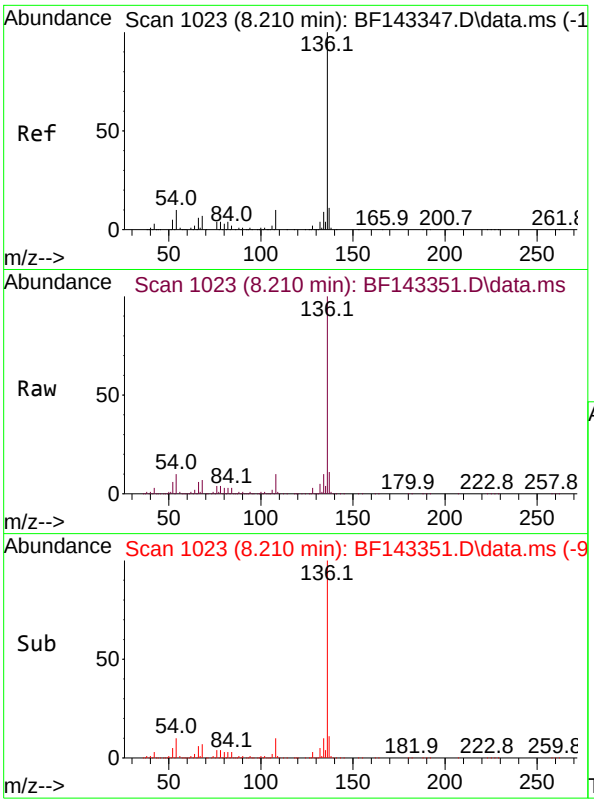


#20
3+4-Methylphenols
Concen: 41.105 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:107 Resp: 422225

Ion	Ratio	Lower	Upper
107	100		
108	91.7	70.6	110.6
77	138.9	112.0	152.0
79	29.8	9.9	49.9



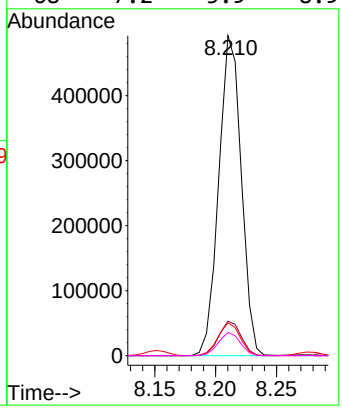


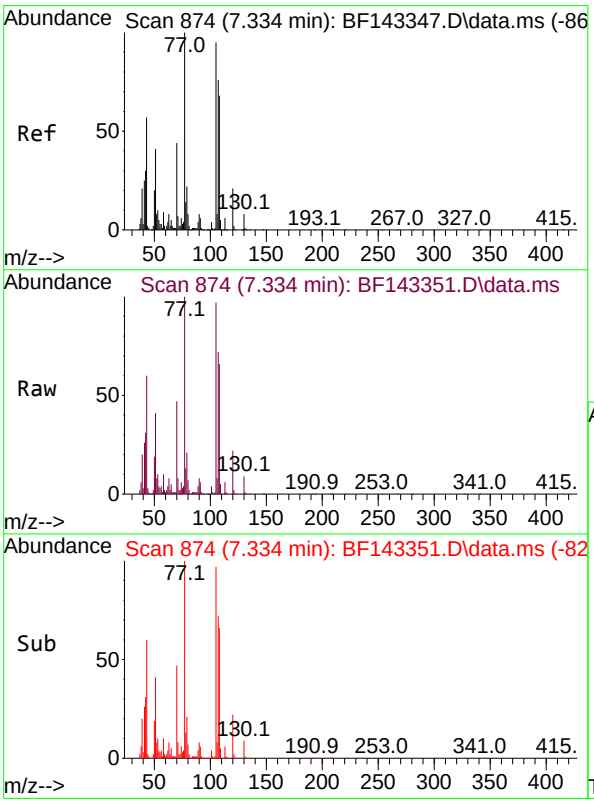
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:136 Resp: 633786

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.3	8.4	12.6
68	7.2	5.9	8.9

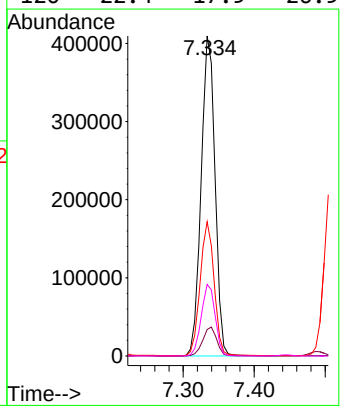


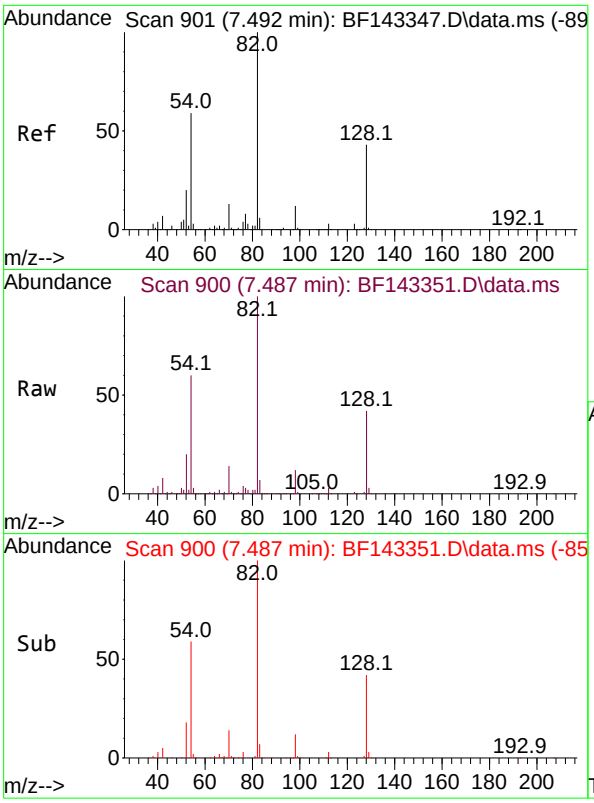


#22
Acetophenone
Concen: 39.985 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:105 Resp: 558359

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.2	9.4
51	41.9	34.8	52.2
120	22.4	17.9	26.9



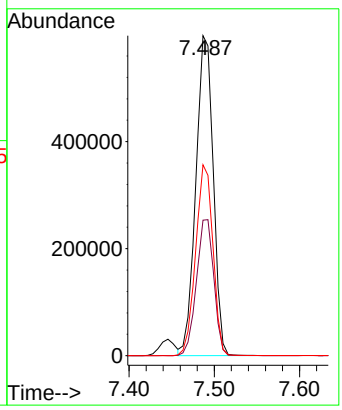


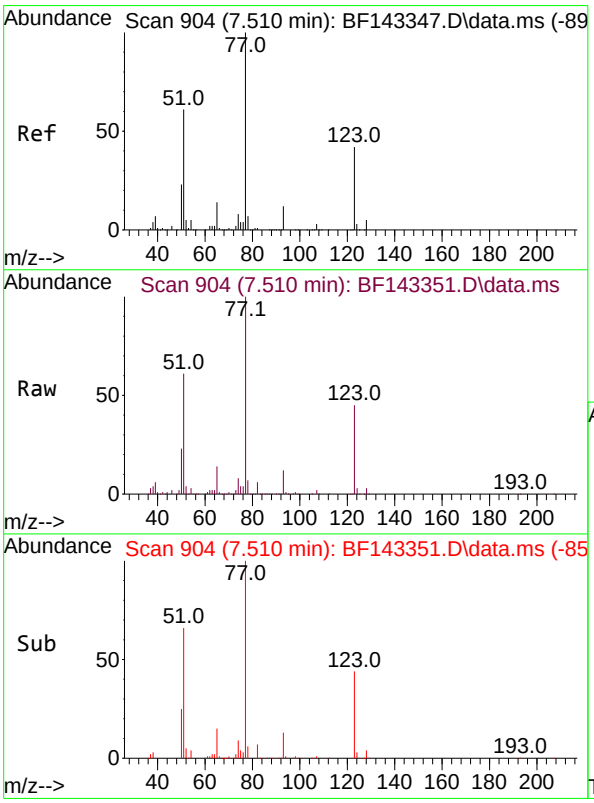
#23
Nitrobenzene-d5
Concen: 83.164 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion: 82 Resp: 846400

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.5	50.3
54	59.7	46.7	70.1

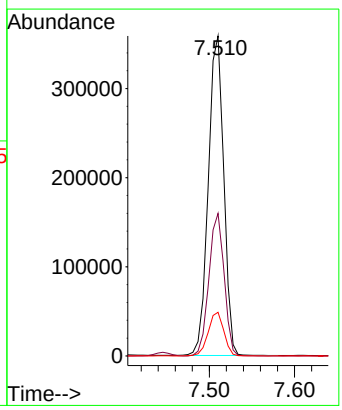


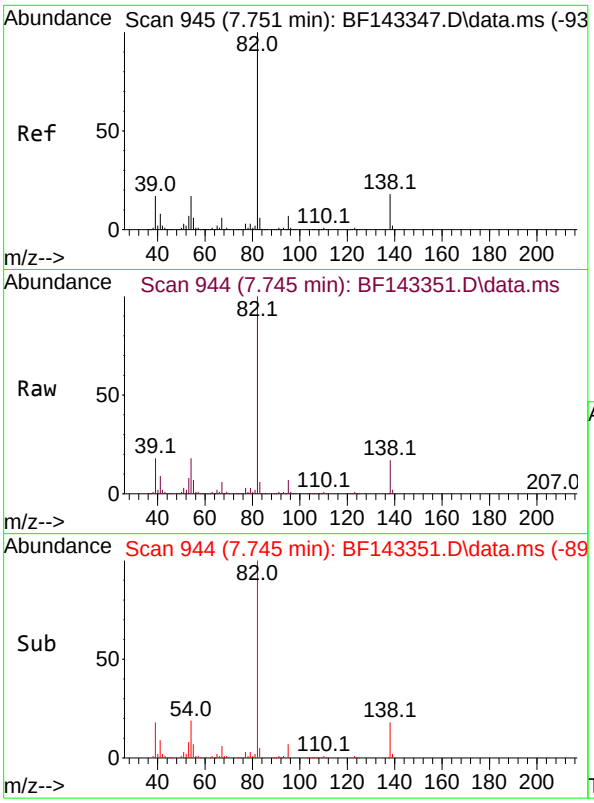


#24
Nitrobenzene
Concen: 40.919 ng
RT: 7.510 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 77 Resp: 452284

Ion	Ratio	Lower	Upper
77	100		
123	44.6	34.8	52.2
65	13.7	11.0	16.6



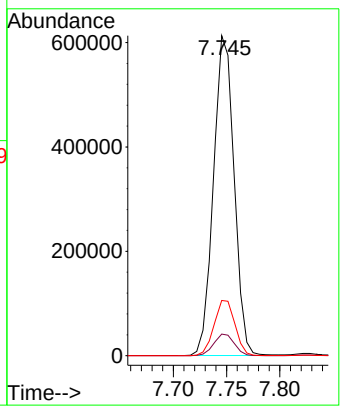


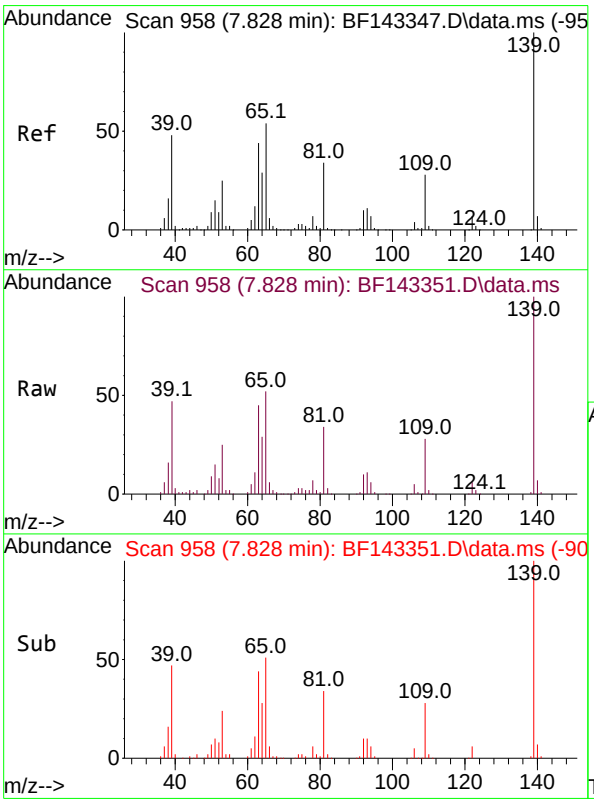
#25
Isophorone
Concen: 39.728 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion: 82 Resp: 825406

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.2	14.6	21.8

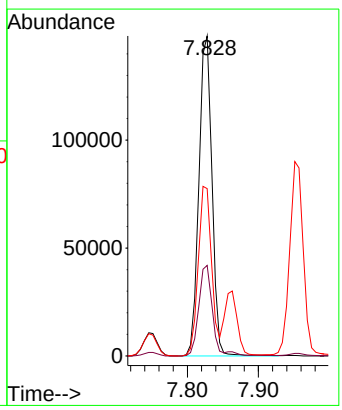


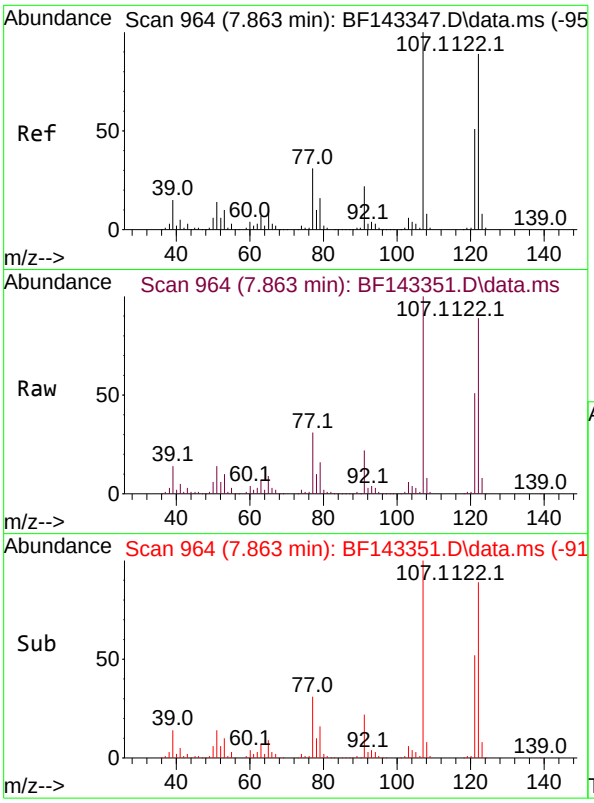


#26
2-Nitrophenol
Concen: 43.318 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:139 Resp: 190171

Ion	Ratio	Lower	Upper
139	100		
109	28.3	22.4	33.6
65	52.3	42.9	64.3



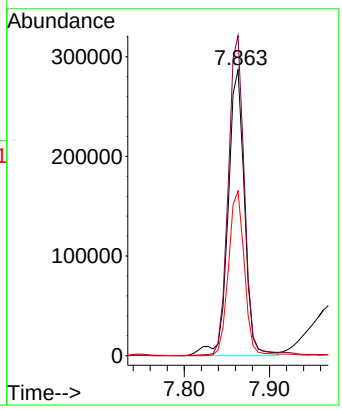


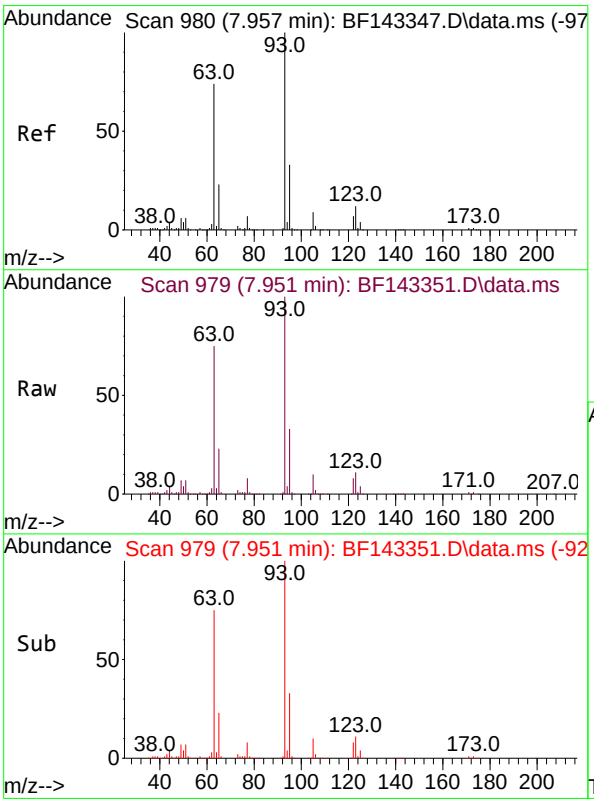
#27
2,4-Dimethylphenol
Concen: 44.394 ng
RT: 7.863 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:122 Resp: 384805

Ion	Ratio	Lower	Upper
122	100		
107	111.9	89.9	134.9
121	57.6	46.2	69.4

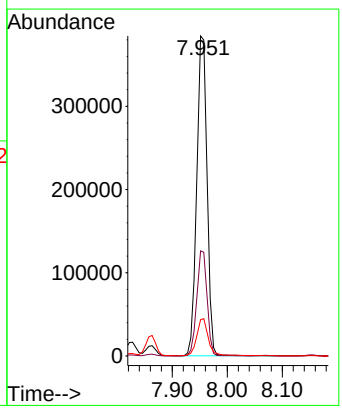


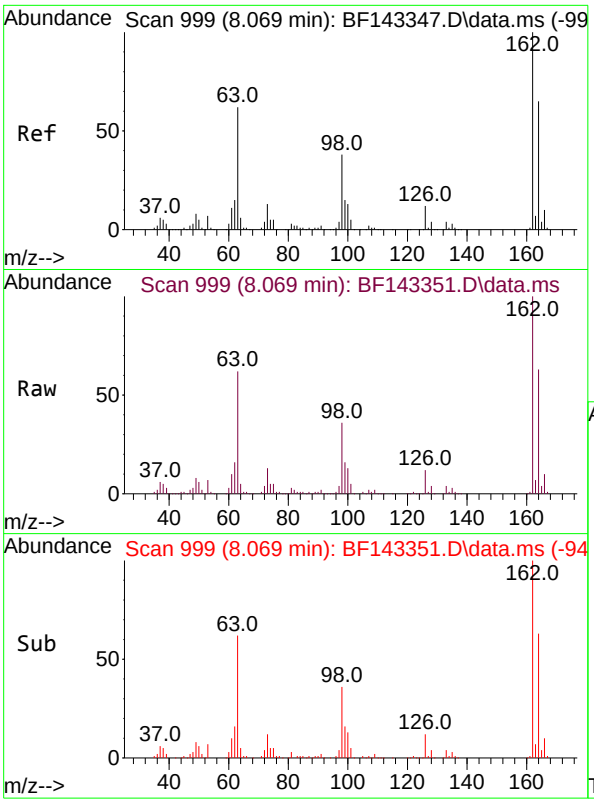


#28
bis(2-Chloroethoxy)methane
Concen: 39.714 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 93 Resp: 503776

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	11.4	9.4	14.2



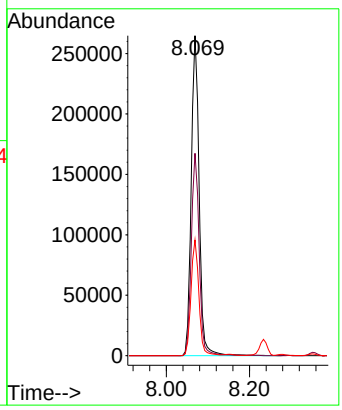


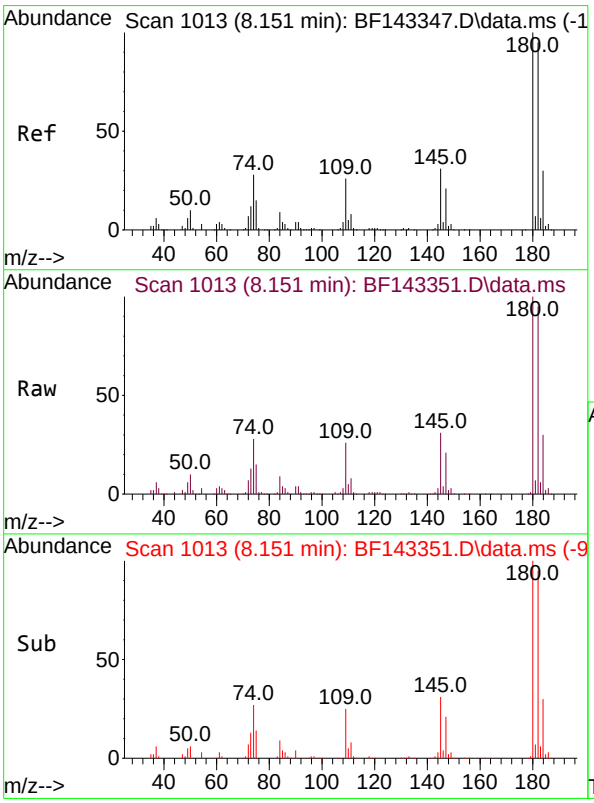
#29
2,4-Dichlorophenol
Concen: 41.289 ng
RT: 8.069 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:162 Resp: 349559

Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.5	84.5
98	36.2	17.7	57.7

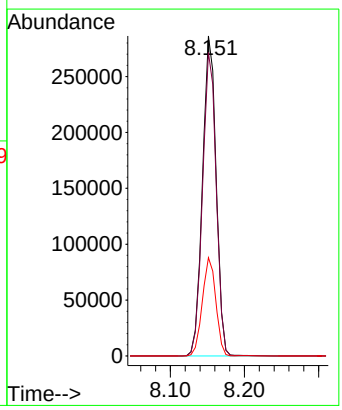


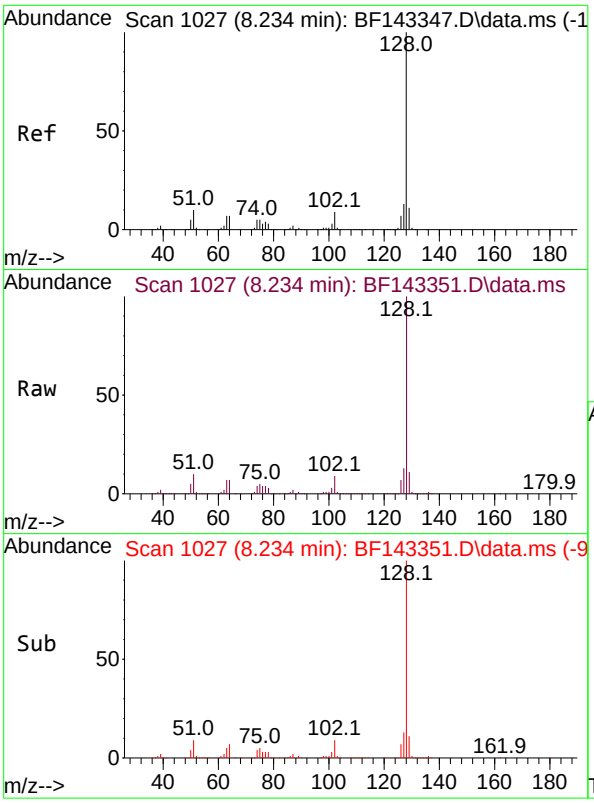


#30
1,2,4-Trichlorobenzene
Concen: 41.017 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:180 Resp: 366302

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	30.7	24.9	37.3



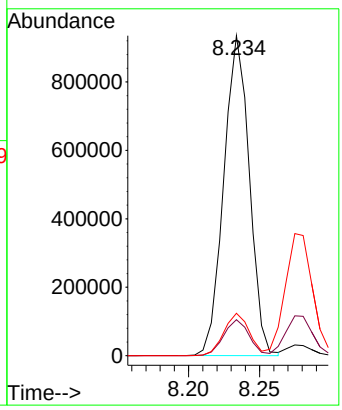


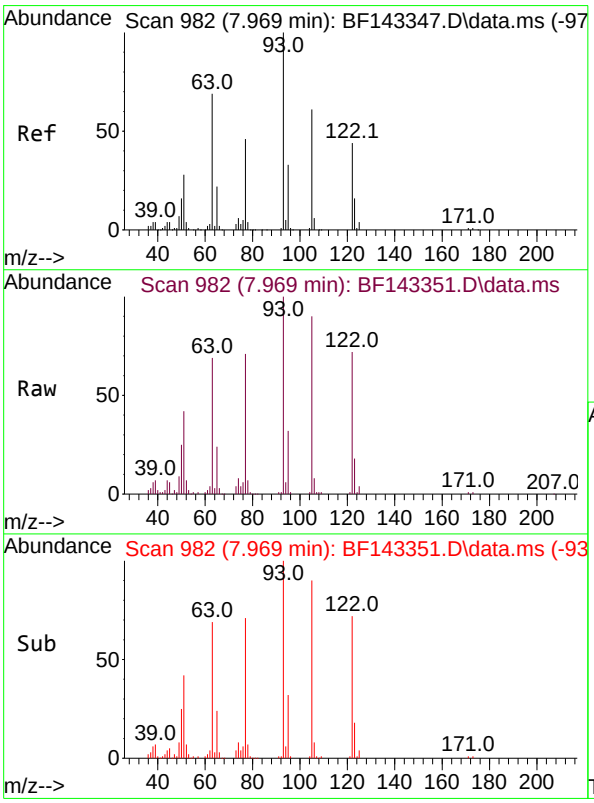
#31
Naphthalene
Concen: 38.372 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:128 Resp: 1170219

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.2	10.7	16.1

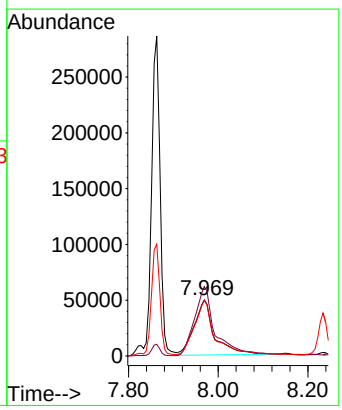


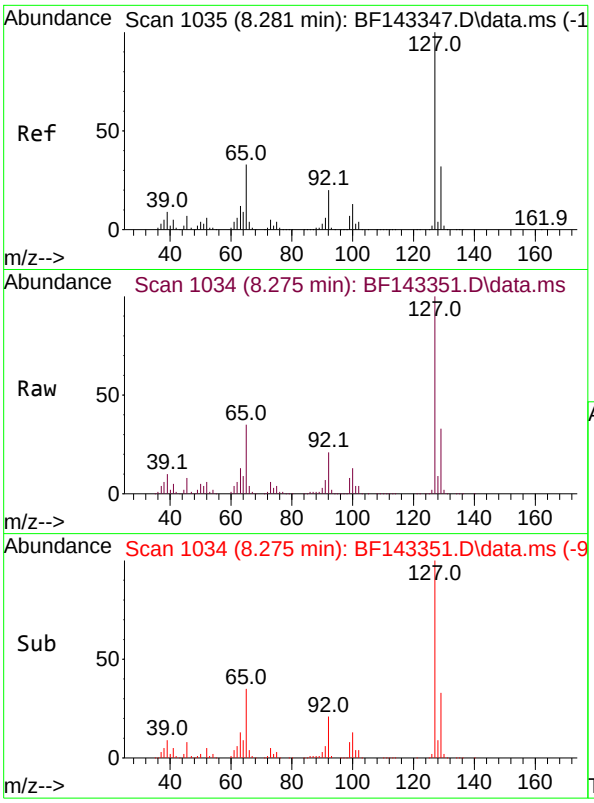


#32
Benzoic acid
Concen: 43.285 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:122 Resp: 157226

Ion	Ratio	Lower	Upper
122	100		
105	124.0	106.4	146.4
77	98.7	79.2	119.2



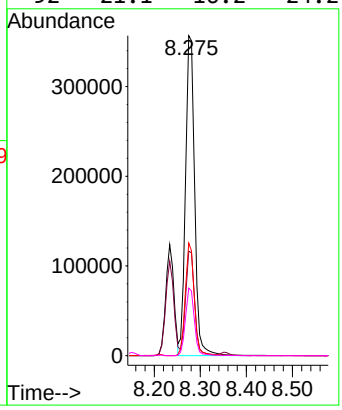


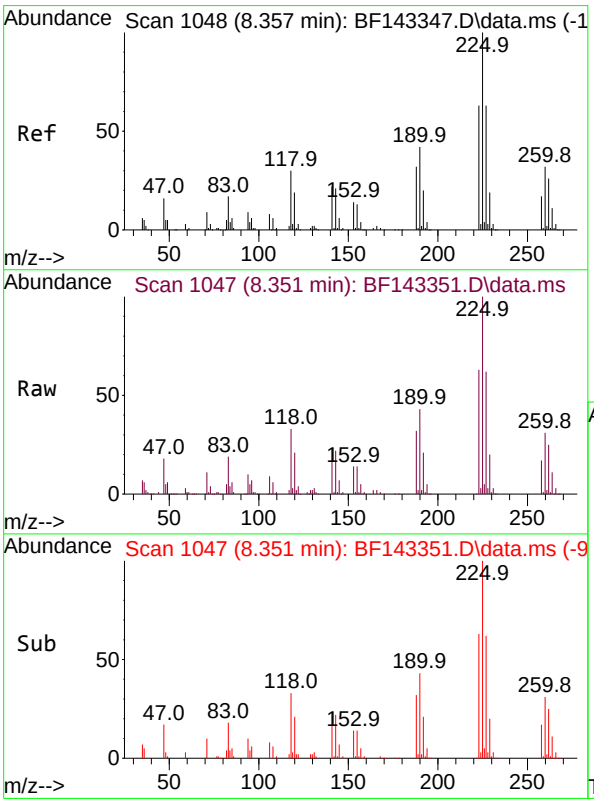
#33
4-Chloroaniline
Concen: 44.618 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:127 Resp: 490782

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	35.2	27.0	40.4
92	21.1	16.2	24.2

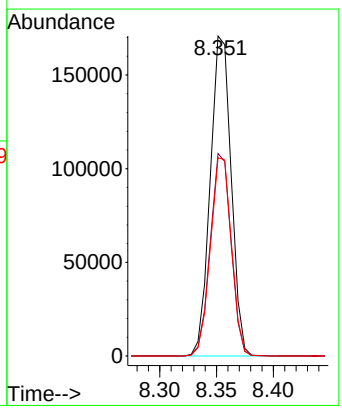


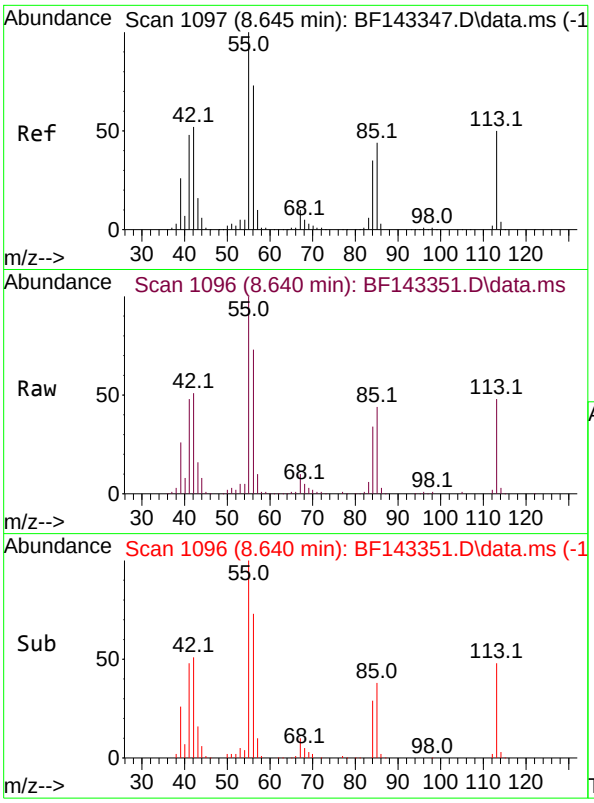


#34
Hexachlorobutadiene
Concen: 39.366 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:225 Resp: 218687

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.1	75.1
227	62.0	50.6	75.8



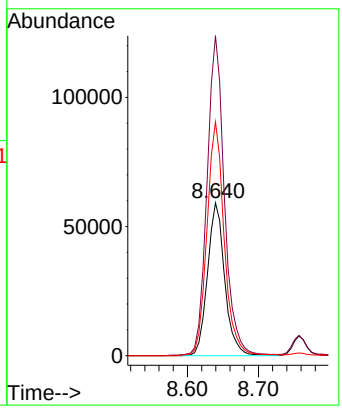


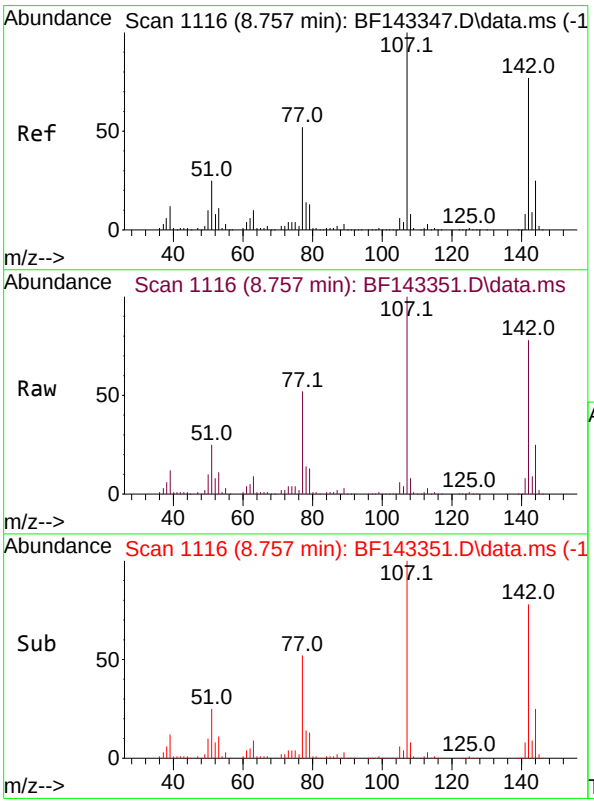
#35
Caprolactam
Concen: 41.892 ng
RT: 8.640 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:113 Resp: 99702

Ion	Ratio	Lower	Upper
113	100		
55	209.5	181.4	221.4
56	153.0	127.3	167.3

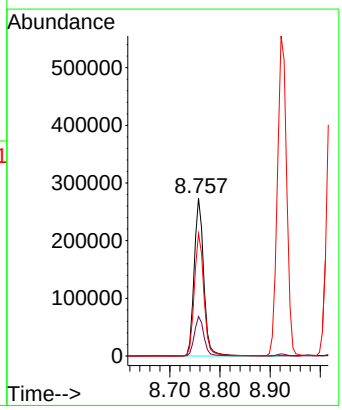


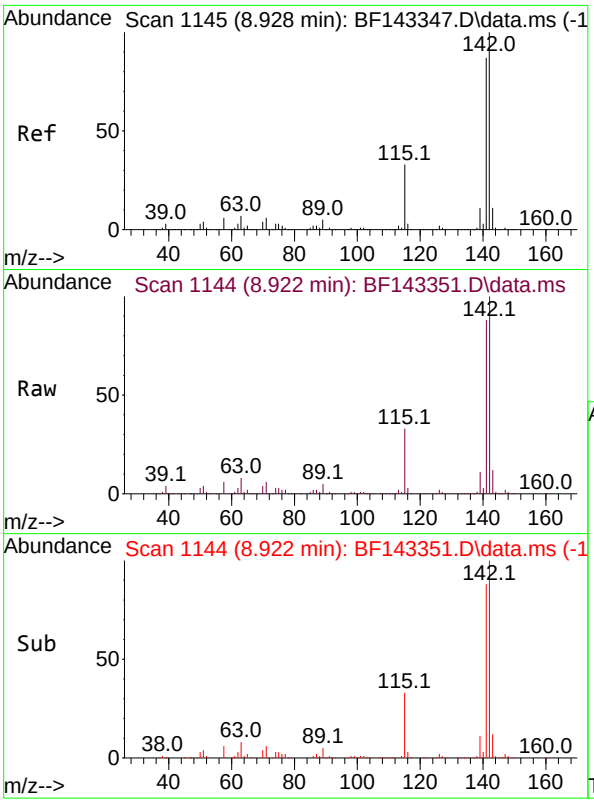


#36
4-Chloro-3-methylphenol
Concen: 40.717 ng
RT: 8.757 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:107 Resp: 361383

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.0	30.0
142	77.6	61.3	91.9



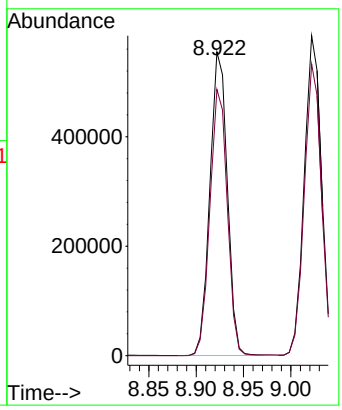


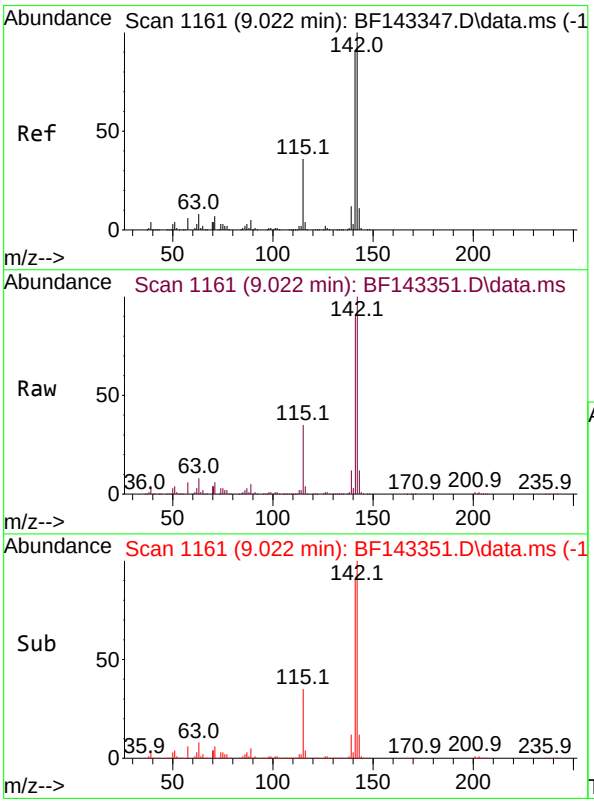
#37
2-Methylnaphthalene
Concen: 35.270 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:142 Resp: 707136

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.8	104.8

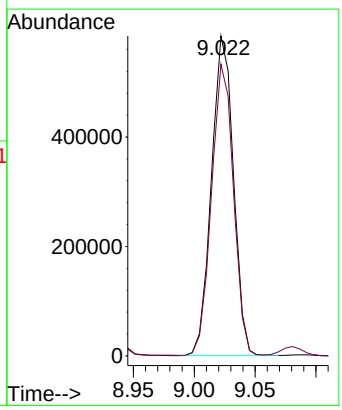


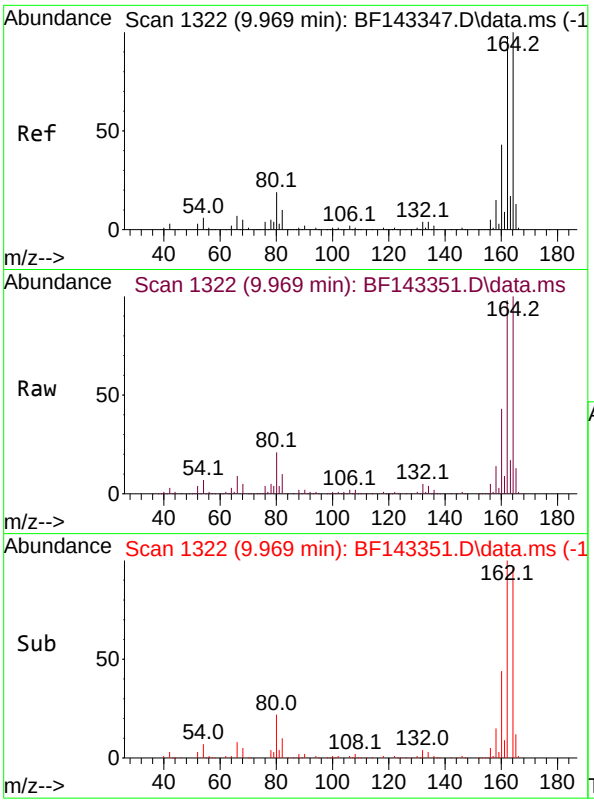


#38
1-Methylnaphthalene
Concen: 37.970 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:142 Resp: 733181

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.0	109.4



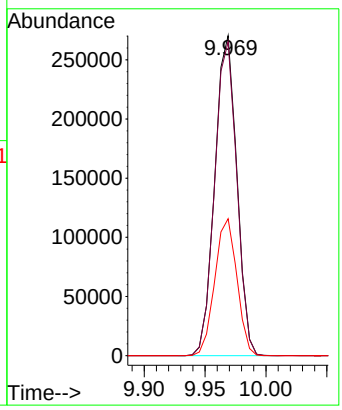


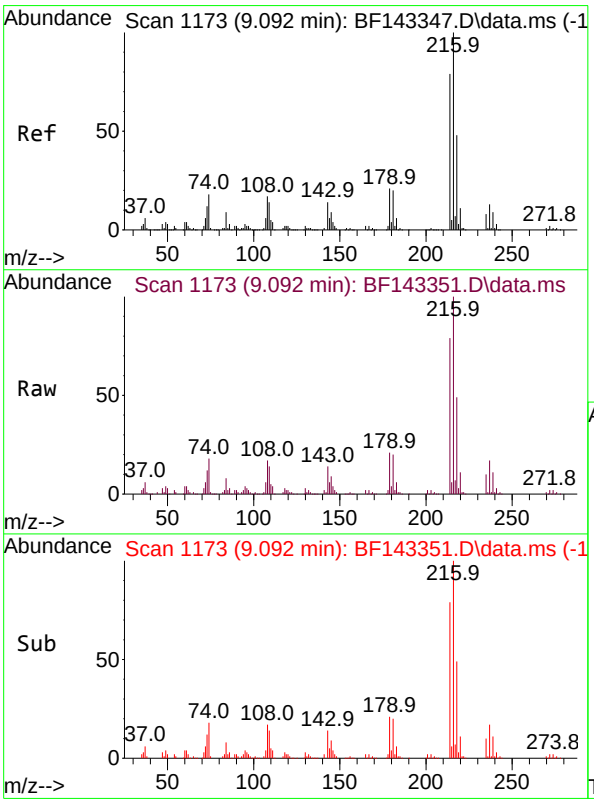
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:164 Resp: 340813

Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.6	118.0
160	42.8	34.4	51.6

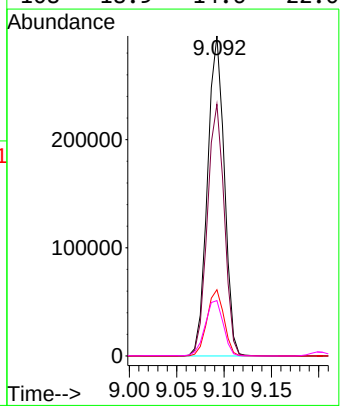


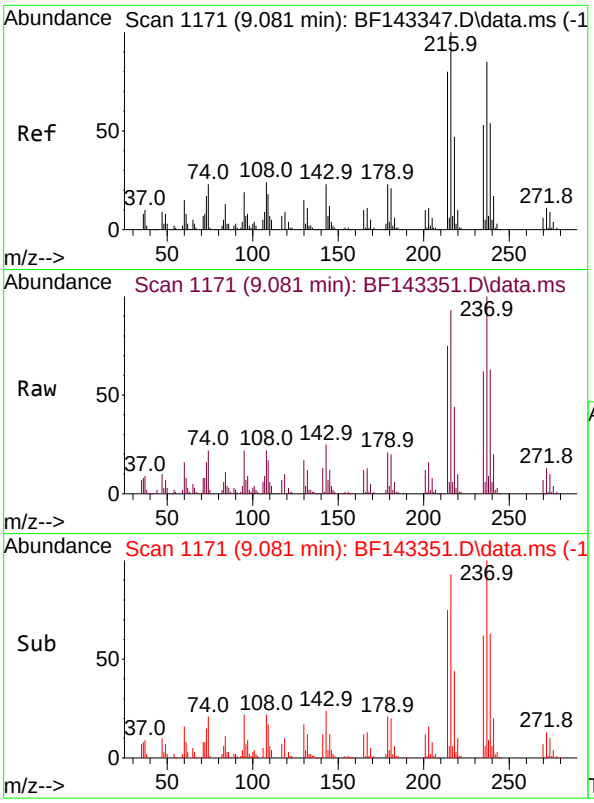


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.218 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:216 Resp: 365752

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.8	17.0	25.4
108	18.9	14.6	22.0



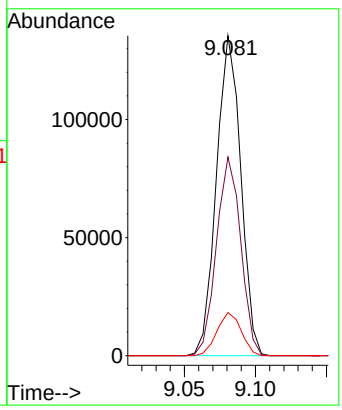


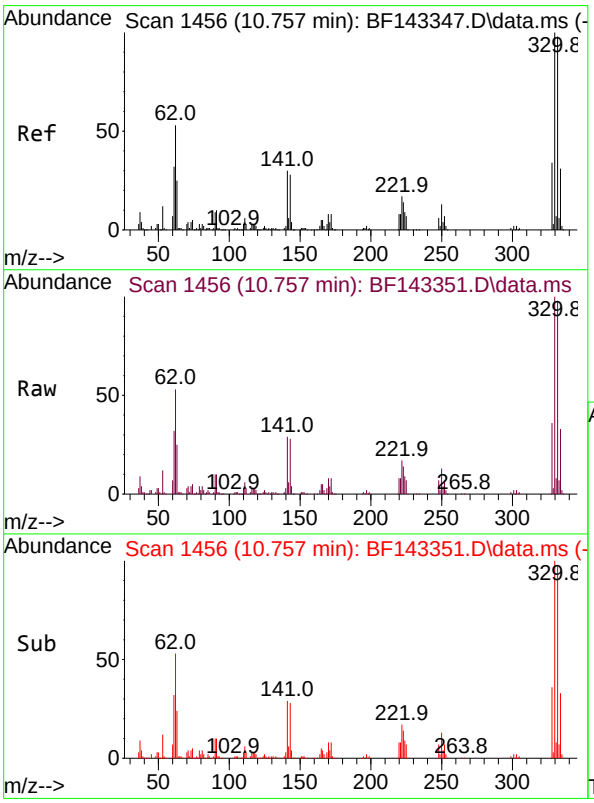
#41
Hexachlorocyclopentadiene
Concen: 51.644 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:237 Resp: 161472

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.0	82.0
272	13.5	0.0	32.6

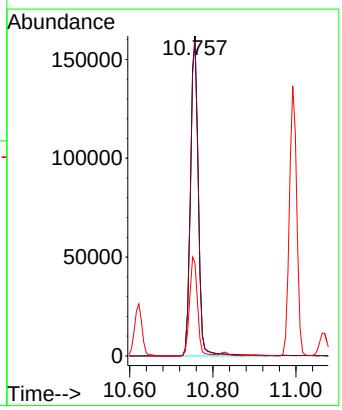


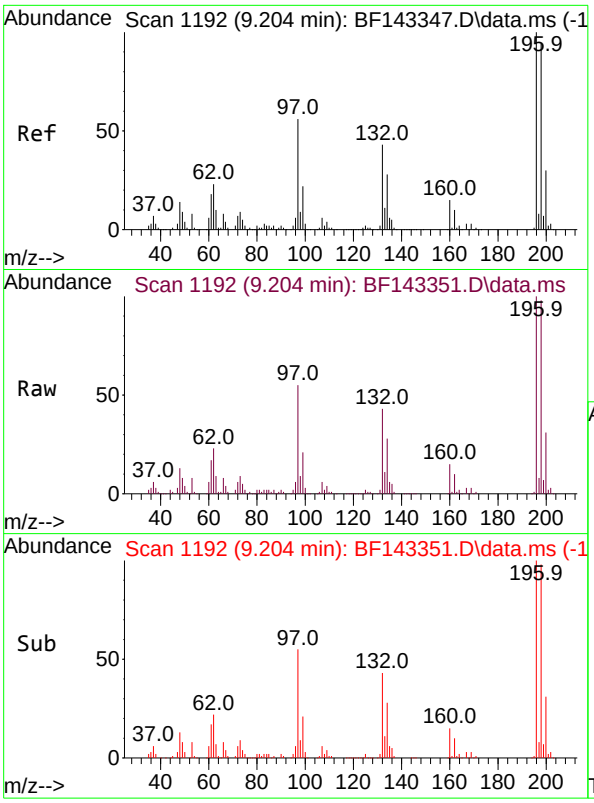


#42
2,4,6-Tribromophenol
Concen: 84.868 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:330 Resp: 211383

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	31.2	25.4	38.0



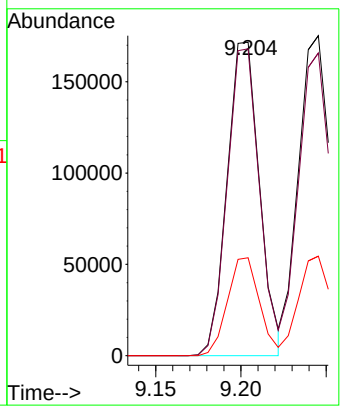


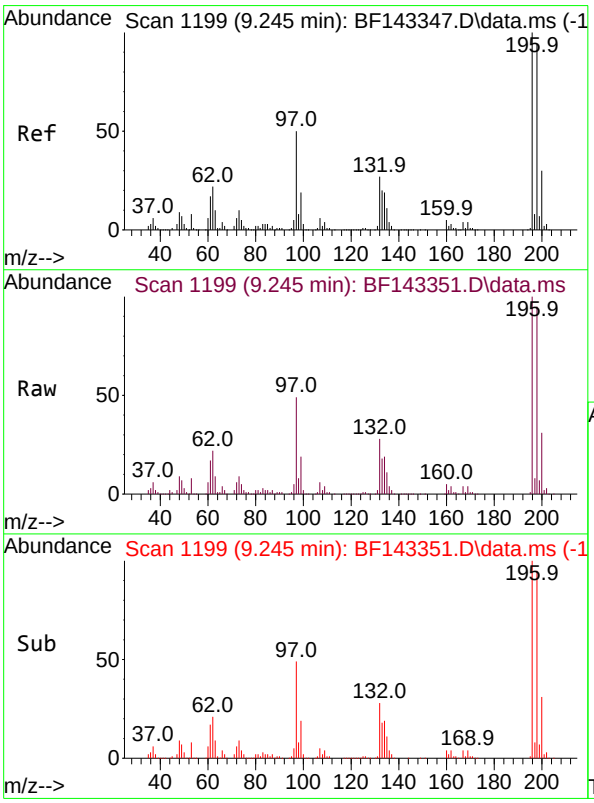
#43
2,4,6-Trichlorophenol
Concen: 42.843 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:196 Resp: 226704

Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.4	113.0
200	31.2	24.3	36.5

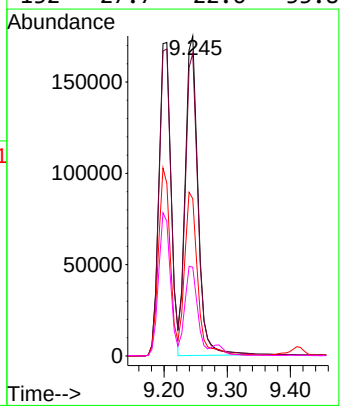


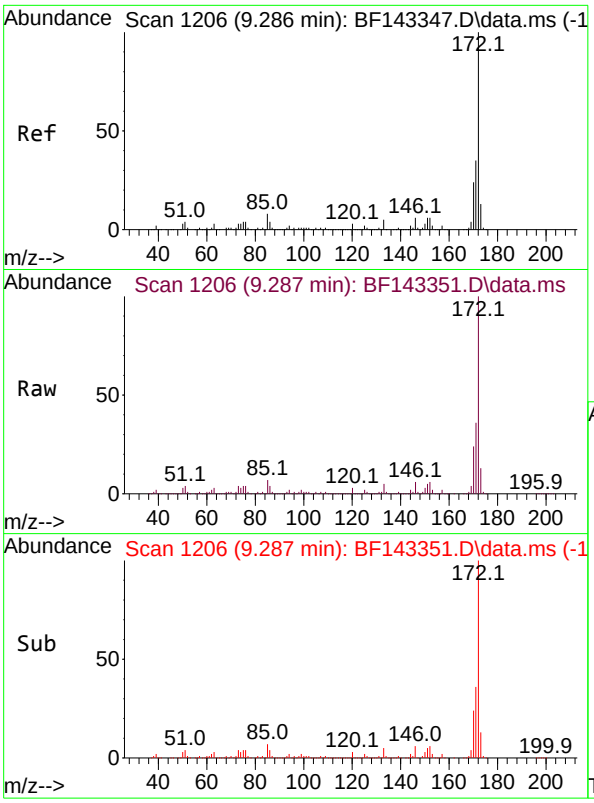


#44
2,4,5-Trichlorophenol
Concen: 41.305 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:196 Resp: 246815

Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.4	113.2
97	49.1	39.9	59.9
132	27.7	22.6	33.8



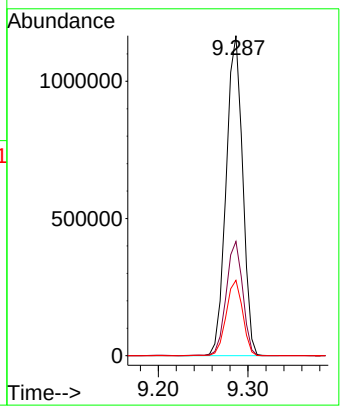


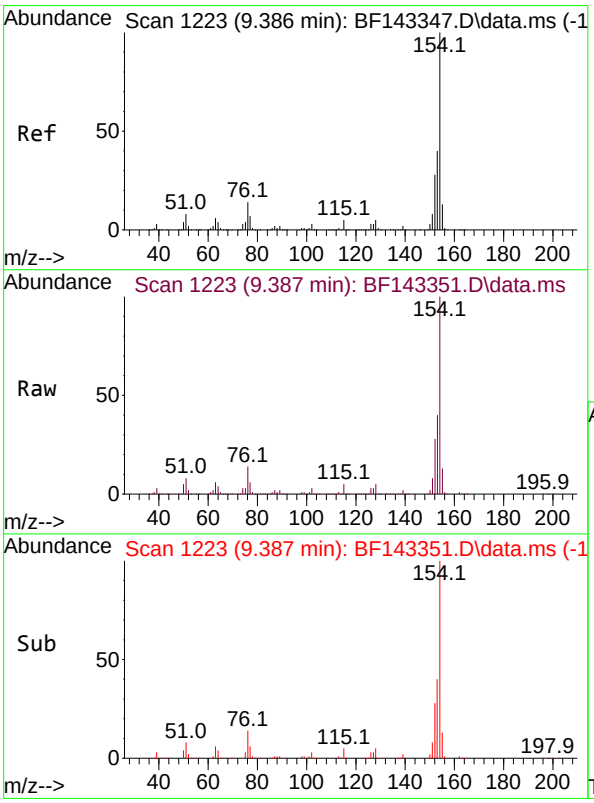
#45
2-Fluorobiphenyl
Concen: 74.116 ng
RT: 9.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:172 Resp: 1489585

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	23.6	19.1	28.7

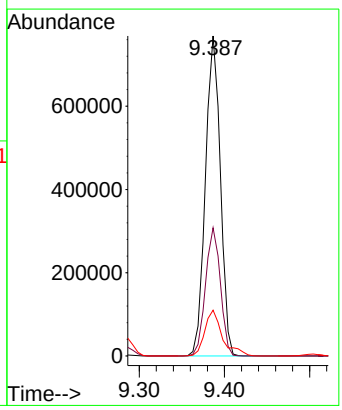


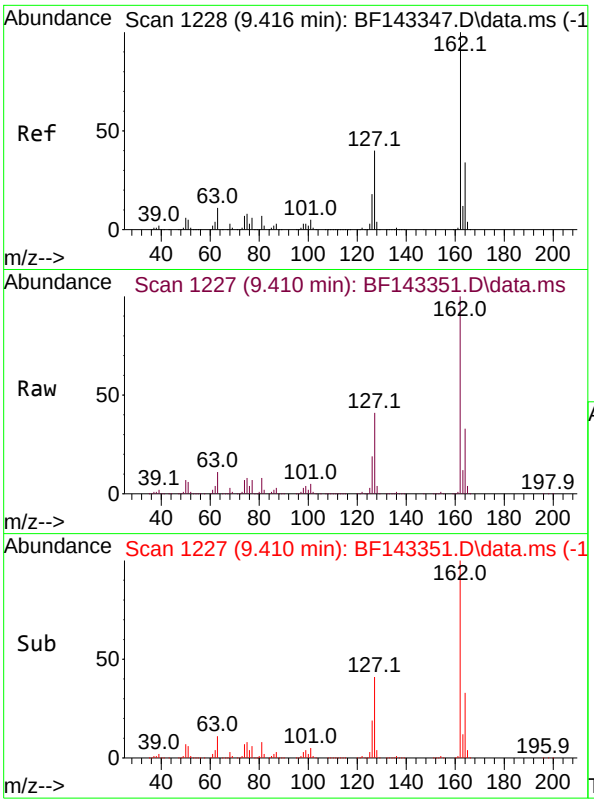


#46
1,1'-Biphenyl
Concen: 38.812 ng
RT: 9.387 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:154 Resp: 935277

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.2	60.2
76	14.3	0.0	34.4



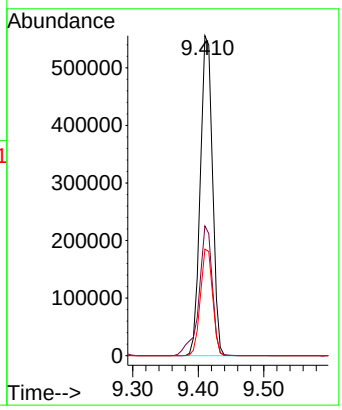


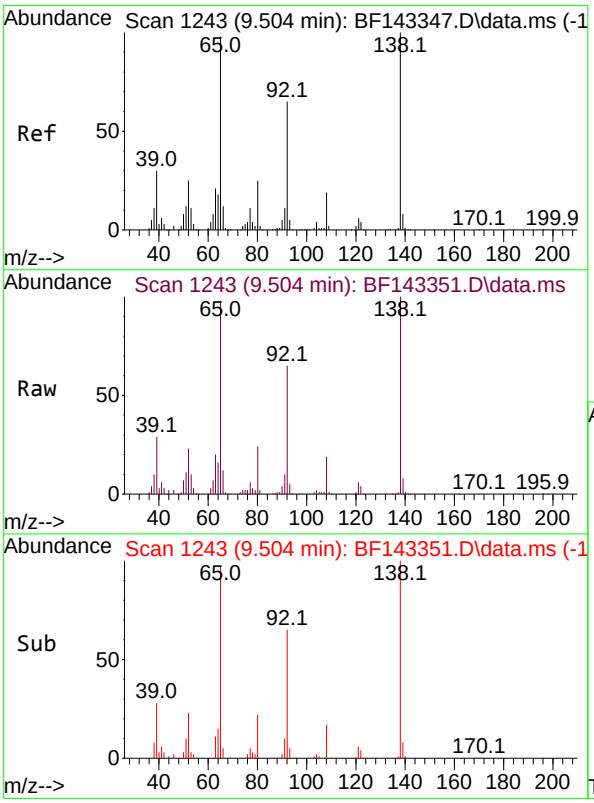
#47
2-Chloronaphthalene
Concen: 38.093 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:162 Resp: 722952

Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.1	48.1
164	33.3	27.0	40.4

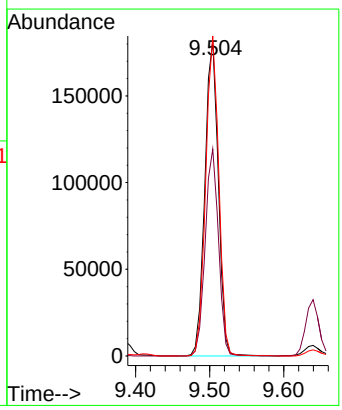


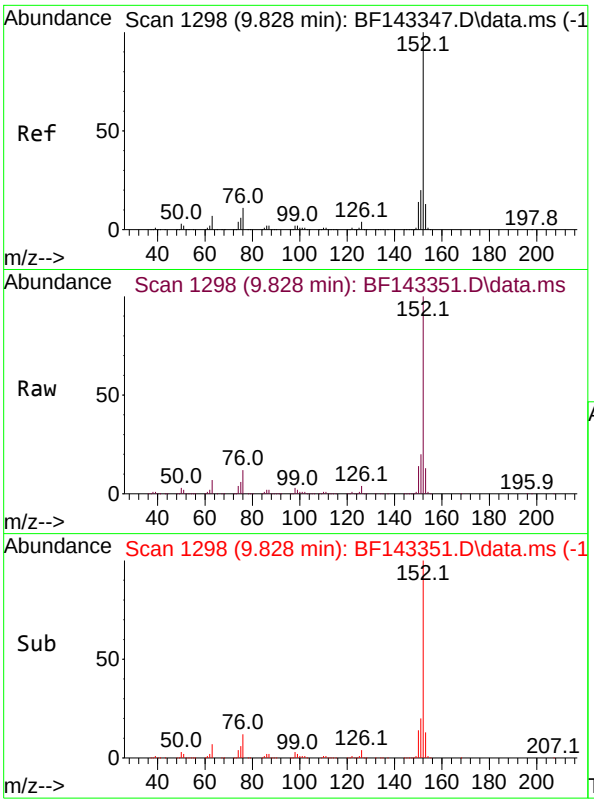


#48
2-Nitroaniline
Concen: 42.167 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 65 Resp: 228854

Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.1	79.7
138	101.5	81.4	122.0



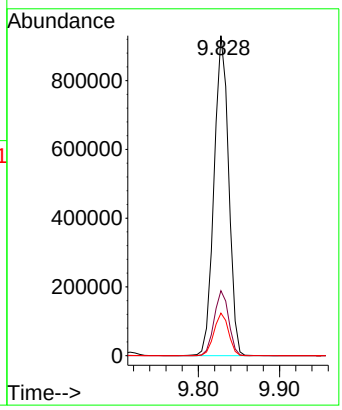


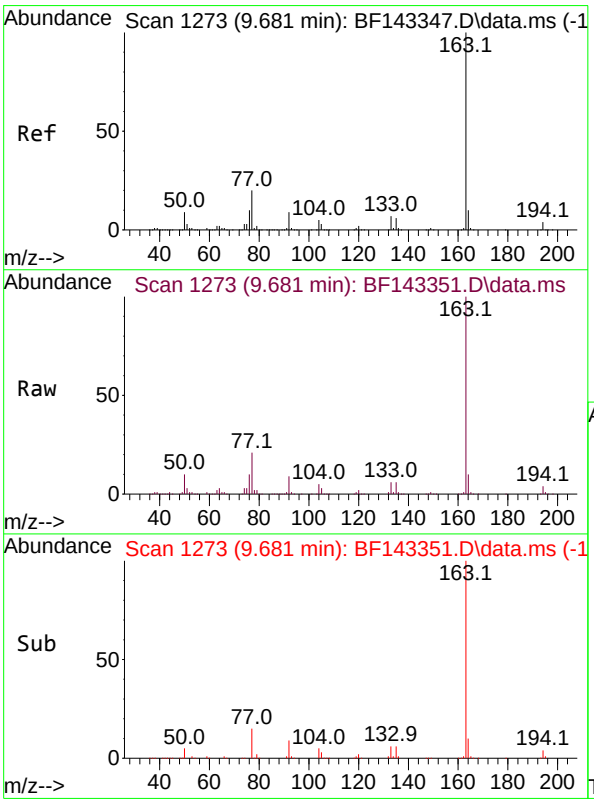
#49
Acenaphthylene
Concen: 42.507 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:152 Resp: 1164992

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.3	10.6	16.0

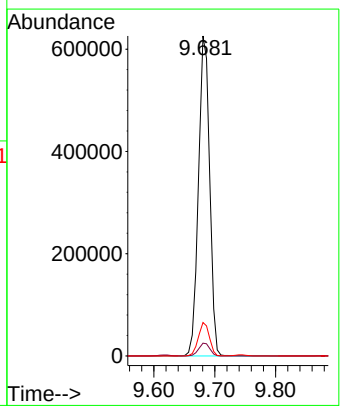


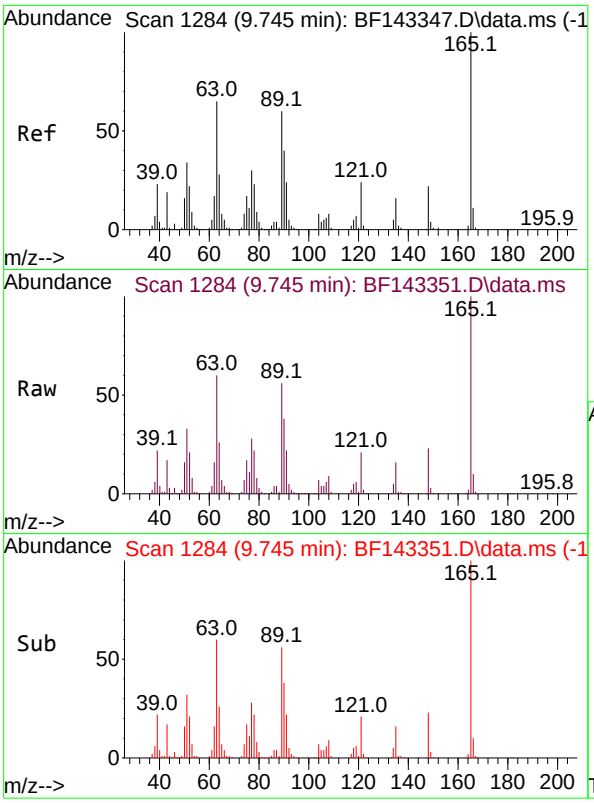


#50
Dimethylphthalate
Concen: 40.126 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:163 Resp: 799080

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.4	8.2	12.2



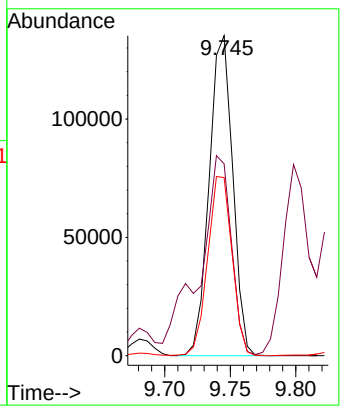


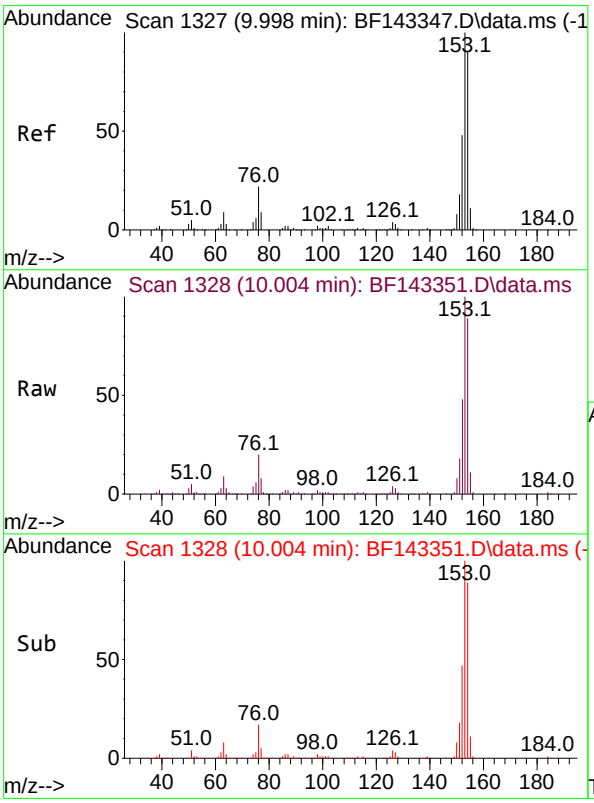
#51
2,6-Dinitrotoluene
Concen: 45.012 ng
RT: 9.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:165 Resp: 168880

Ion	Ratio	Lower	Upper
165	100		
63	60.0	51.6	77.4
89	55.7	47.7	71.5

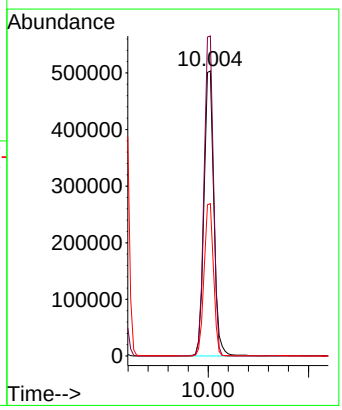


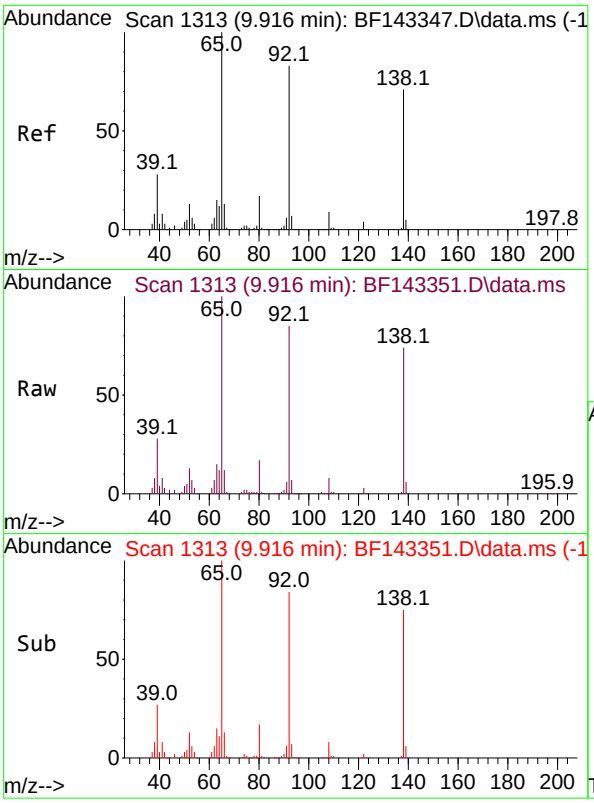


#52
Acenaphthene
Concen: 37.893 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:154 Resp: 690443

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.5	132.7
152	53.4	42.4	63.6



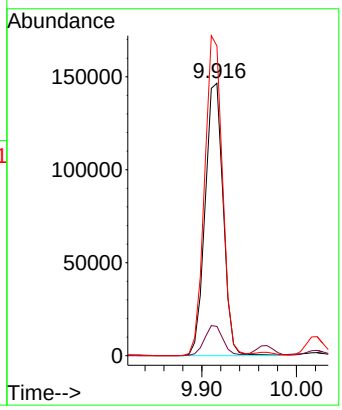


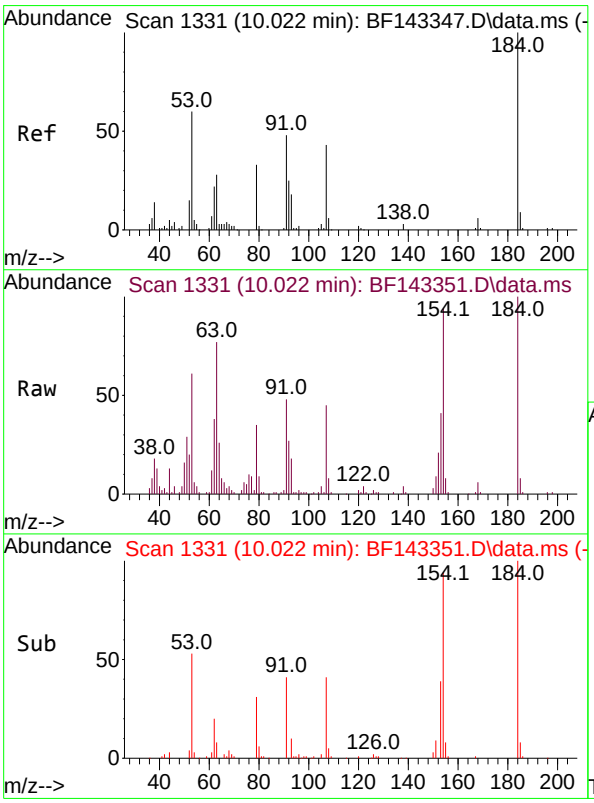
#53
3-Nitroaniline
Concen: 47.593 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:138 Resp: 194097

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.6	14.4
92	113.7	93.4	140.2

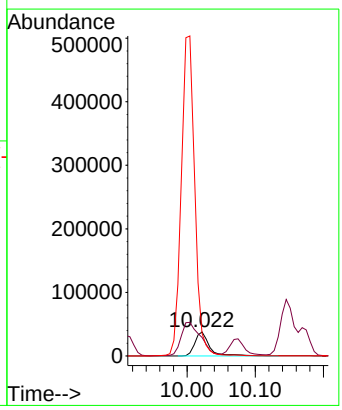


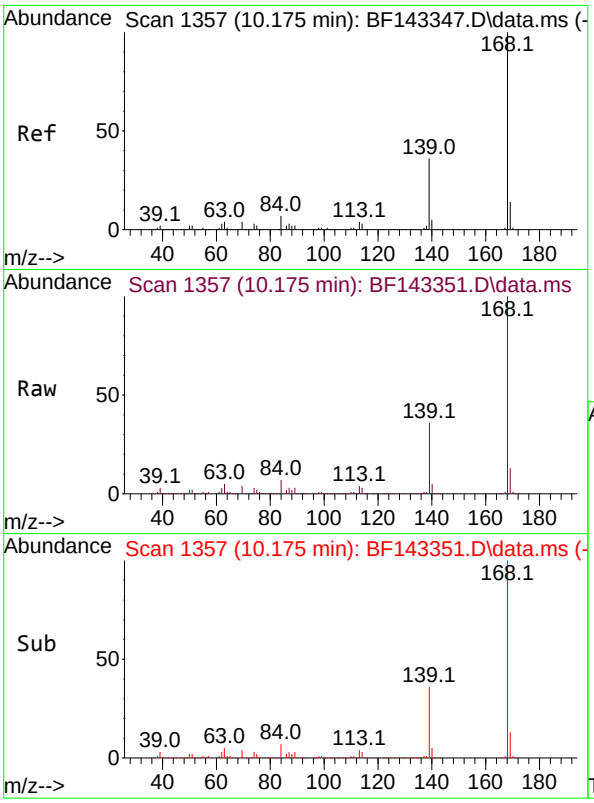


#54
2,4-Dinitrophenol
Concen: 45.910 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:184 Resp: 56042

Ion	Ratio	Lower	Upper
184	100		
63	77.4	62.5	93.7
154	94.4	73.0	109.4



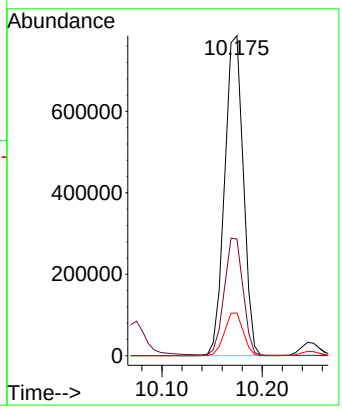


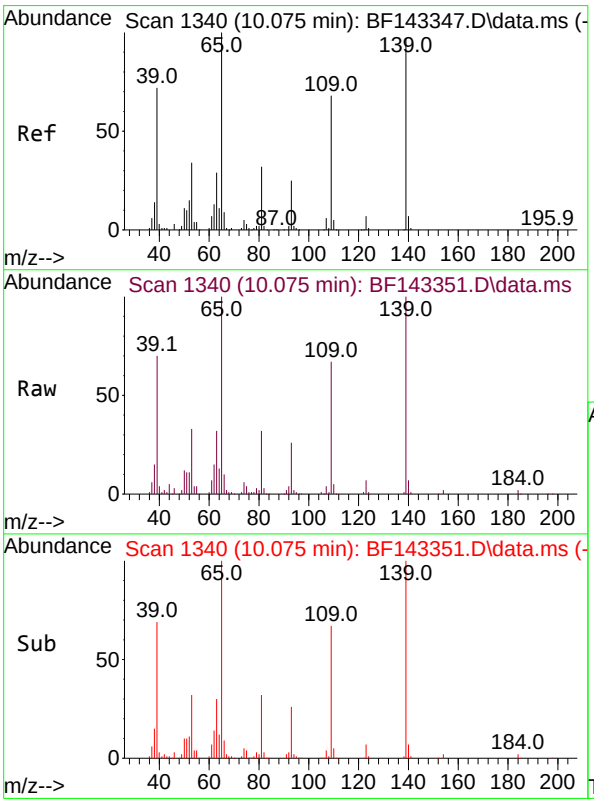
#55
Dibenzofuran
Concen: 38.652 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:168 Resp: 1013581

Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.4	44.0
169	13.4	11.0	16.6

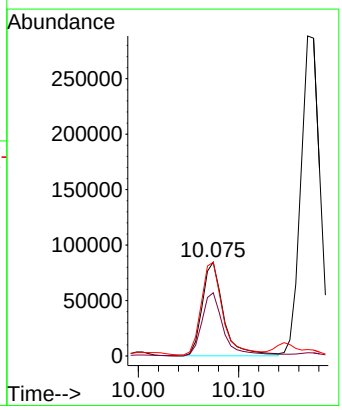


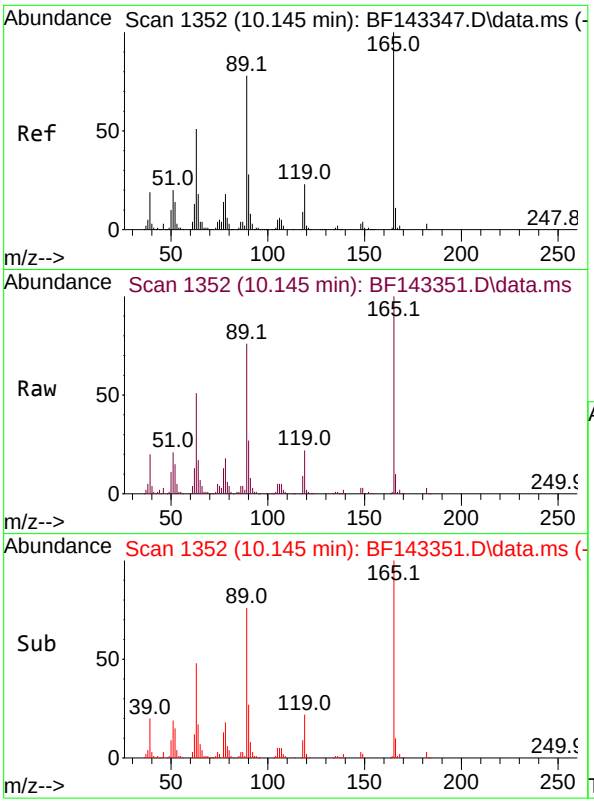


#56
4-Nitrophenol
Concen: 41.060 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:139 Resp: 124501

Ion	Ratio	Lower	Upper
139	100		
109	67.4	49.4	89.4
65	100.1	83.7	123.7



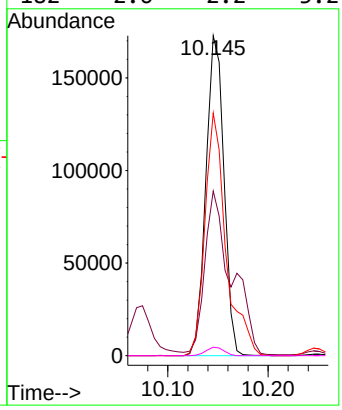


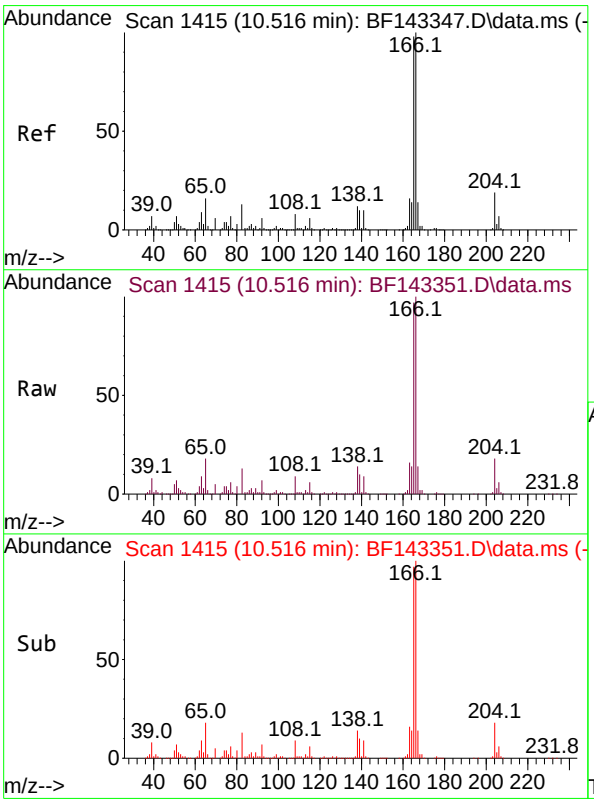
#57
2,4-Dinitrotoluene
Concen: 43.458 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:165 Resp: 215795

Ion	Ratio	Lower	Upper
165	100		
63	51.4	41.8	62.8
89	75.9	62.4	93.6
182	2.6	2.2	3.2

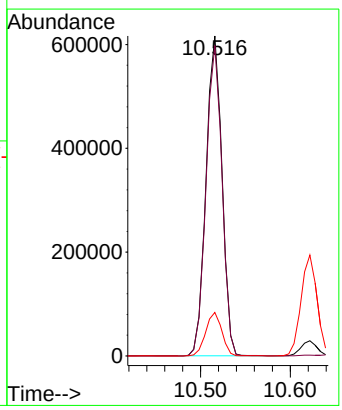


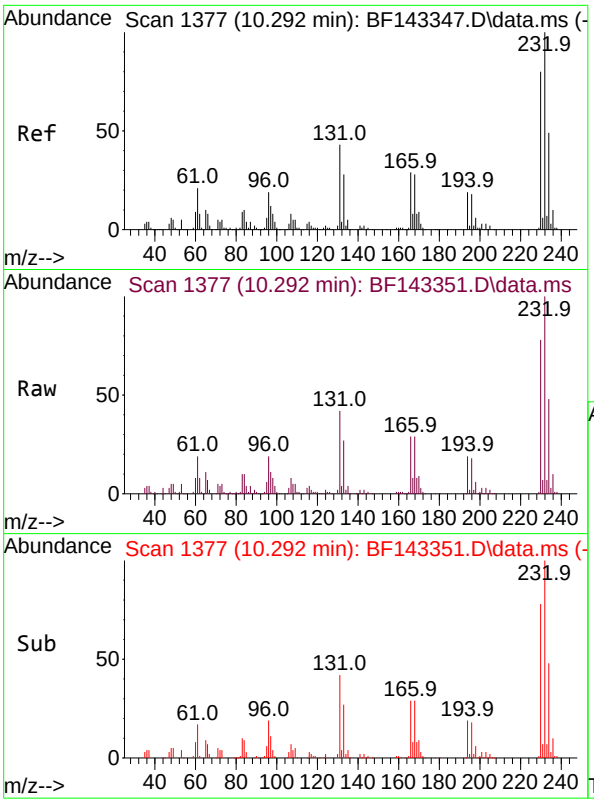


#58
Fluorene
Concen: 38.022 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:166 Resp: 761581

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.2	117.4
167	13.6	10.9	16.3



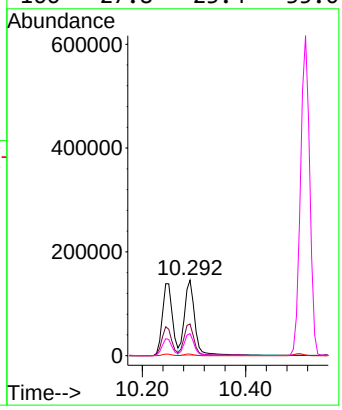


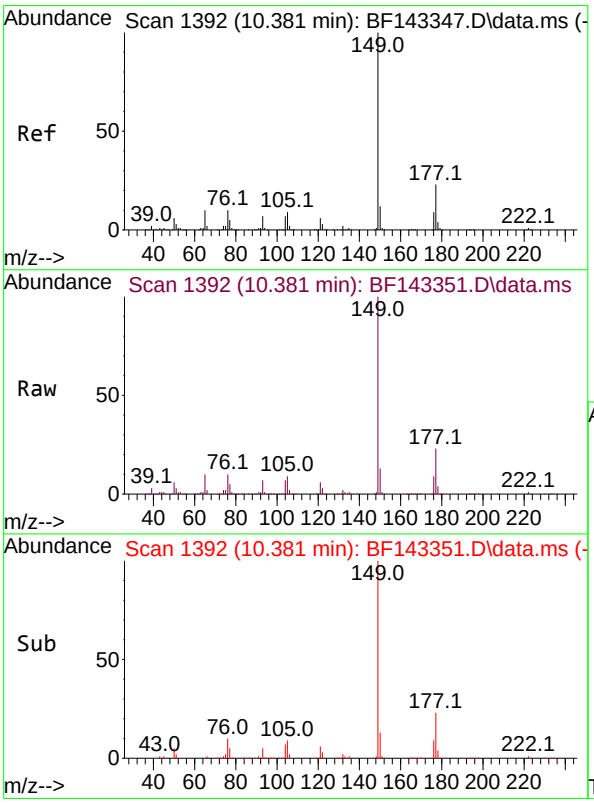
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.091 ng
RT: 10.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:232 Resp: 201768

Ion	Ratio	Lower	Upper
232	100		
131	42.2	34.6	51.8
130	2.1	1.7	2.5
166	27.8	23.4	35.0

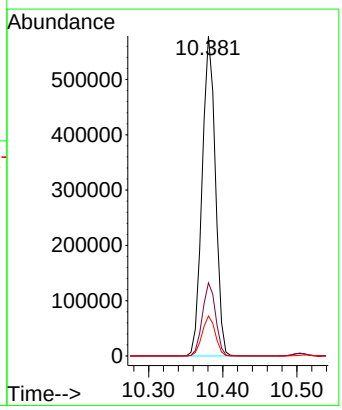


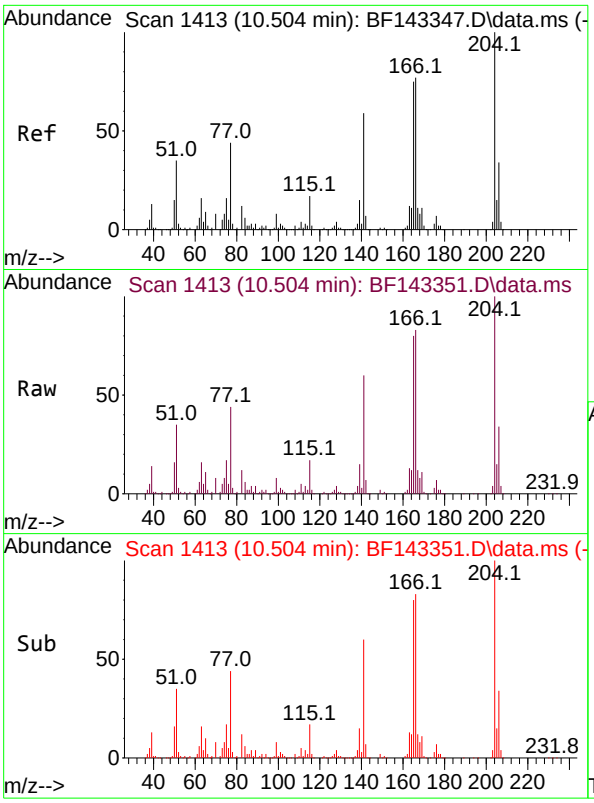


#60
Diethylphthalate
Concen: 40.317 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:149 Resp: 719164

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.2
150	12.5	9.9	14.9



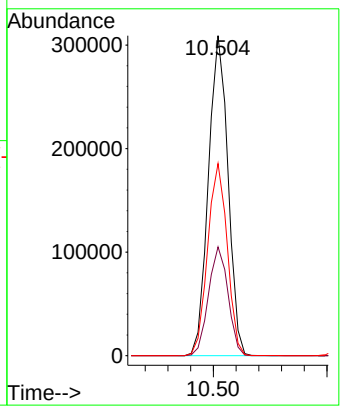


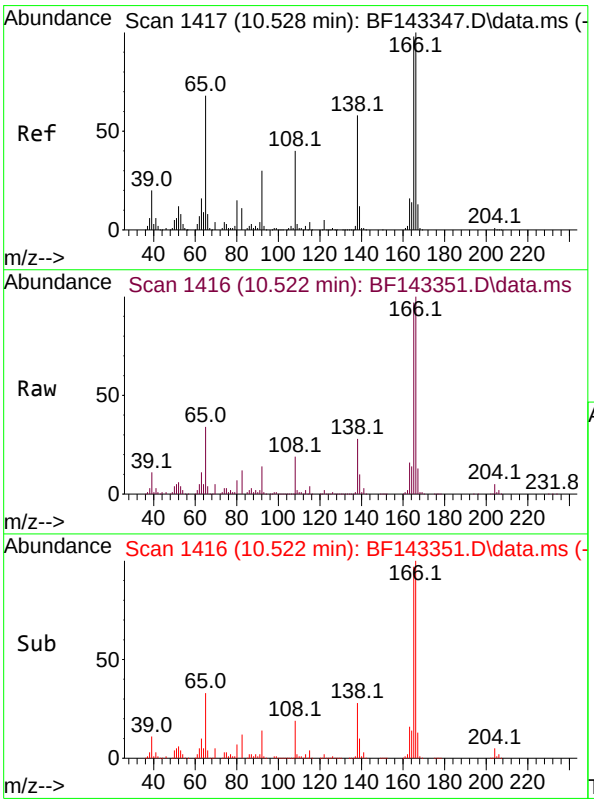
#61
4-Chlorophenyl-phenylether
Concen: 38.123 ng
RT: 10.504 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:204 Resp: 368971

Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.4	41.2
141	60.1	46.9	70.3

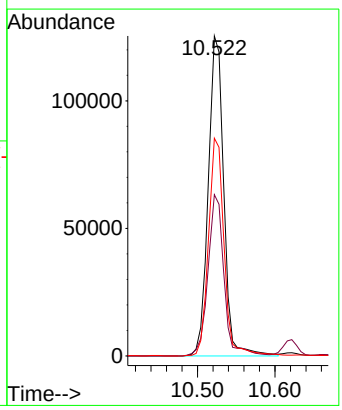


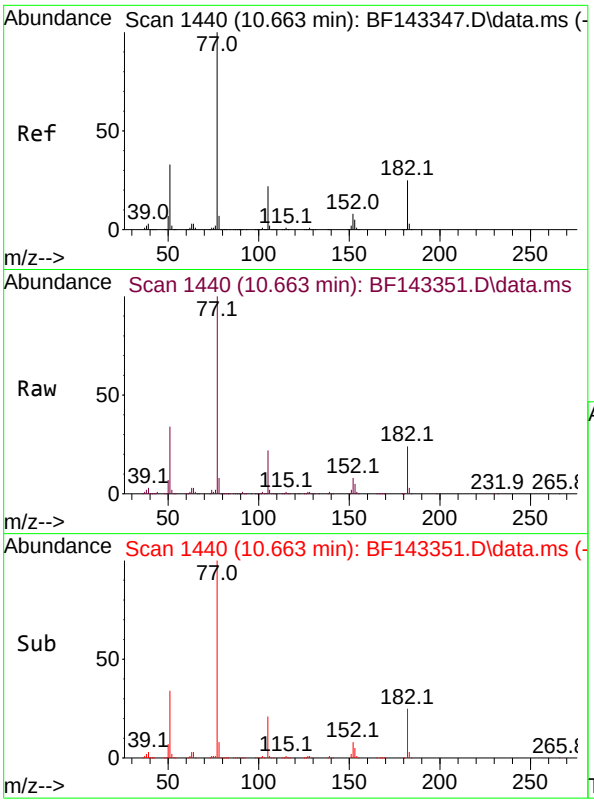


#62
4-Nitroaniline
Concen: 44.317 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:138 Resp: 174863

Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.2	71.2
108	68.1	48.1	88.1



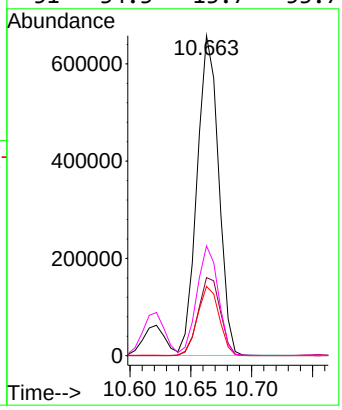


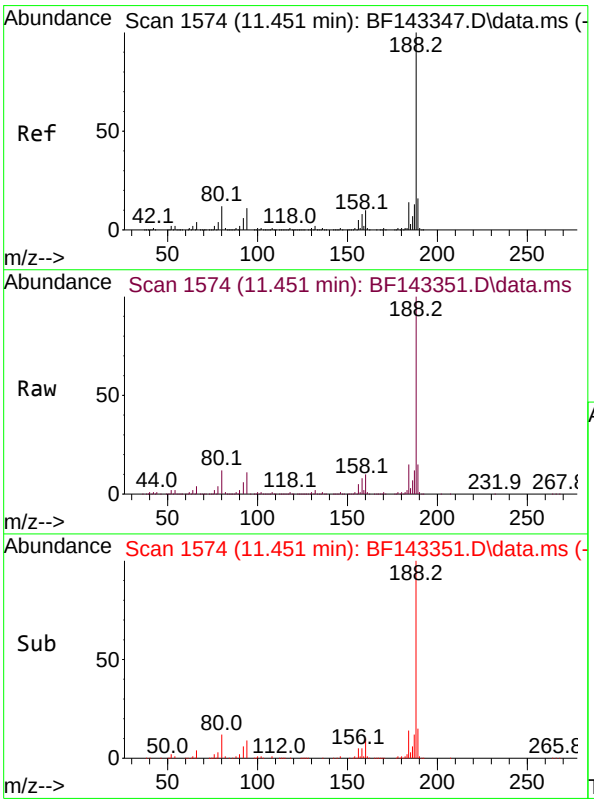
#63
Azobenzene
Concen: 39.721 ng
RT: 10.663 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion: 77 Resp: 809295

Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.4	44.4
105	21.7	1.8	41.8
51	34.3	13.7	53.7

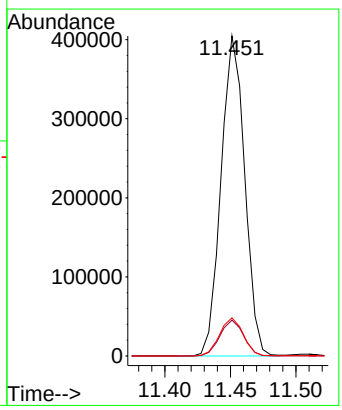


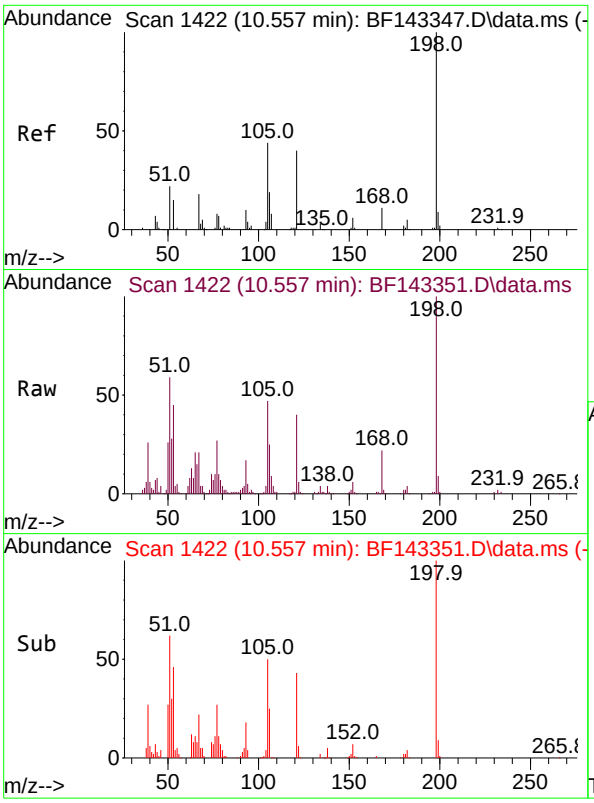


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:188 Resp: 507289

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.8	13.2
80	11.9	9.7	14.5



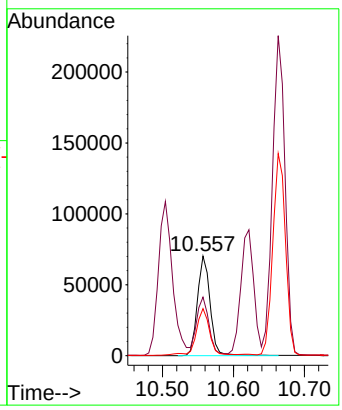


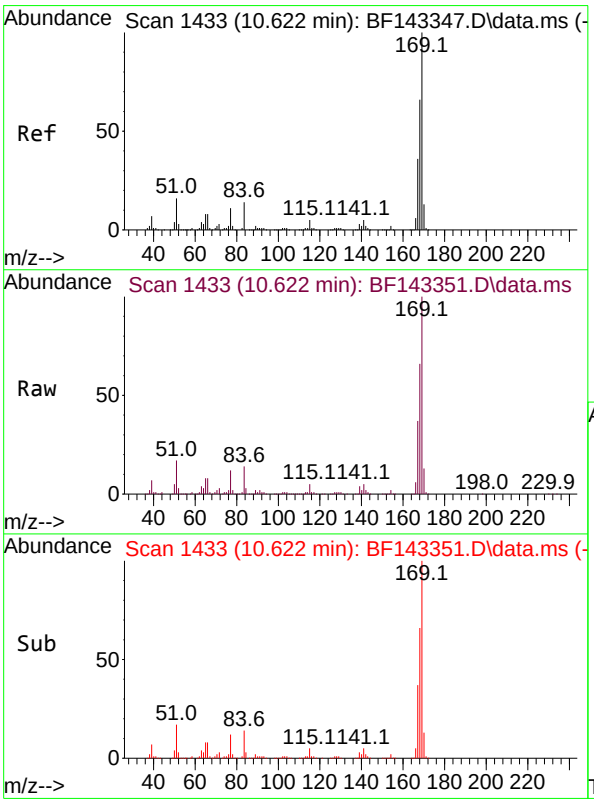
#65
4,6-Dinitro-2-methylphenol
Concen: 43.535 ng
RT: 10.557 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:198 Resp: 87717

Ion	Ratio	Lower	Upper
198	100		
51	58.8	41.7	81.7
105	47.3	26.8	66.8

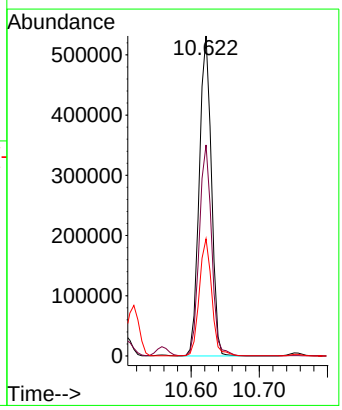


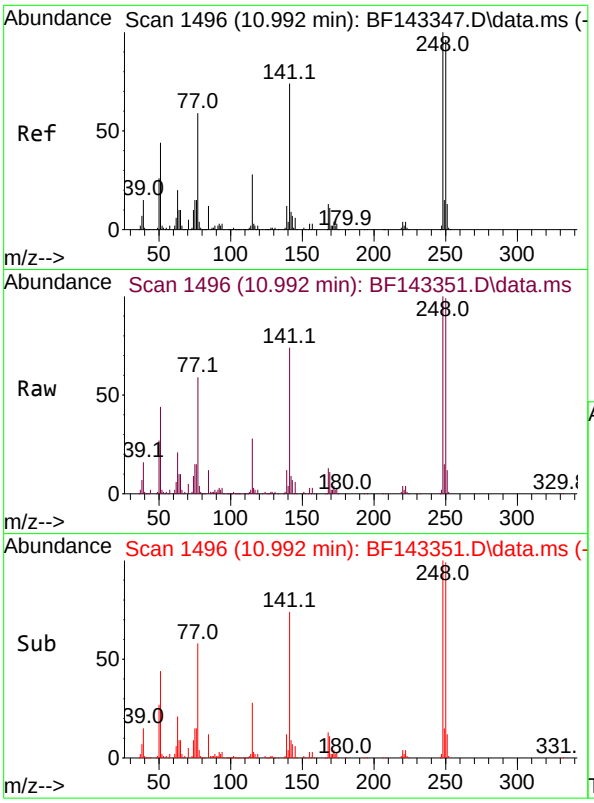


#66
n-Nitrosodiphenylamine
Concen: 39.468 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:169 Resp: 659263

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.7	79.1
167	36.6	28.6	42.8



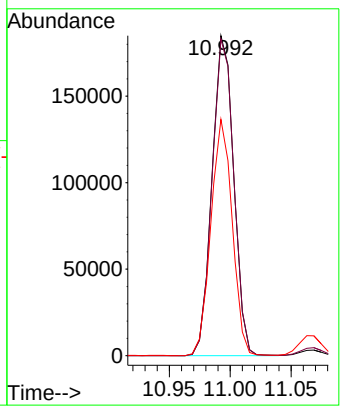


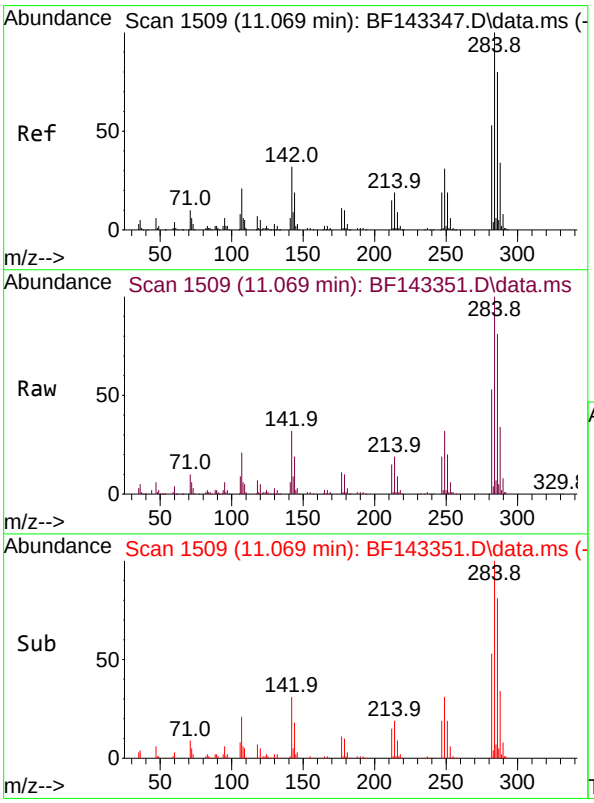
#67
4-Bromophenyl-phenylether
Concen: 39.466 ng
RT: 10.992 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:248 Resp: 228971

Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.1	115.7
141	73.9	59.1	88.7

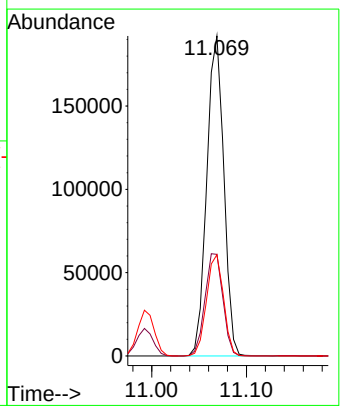


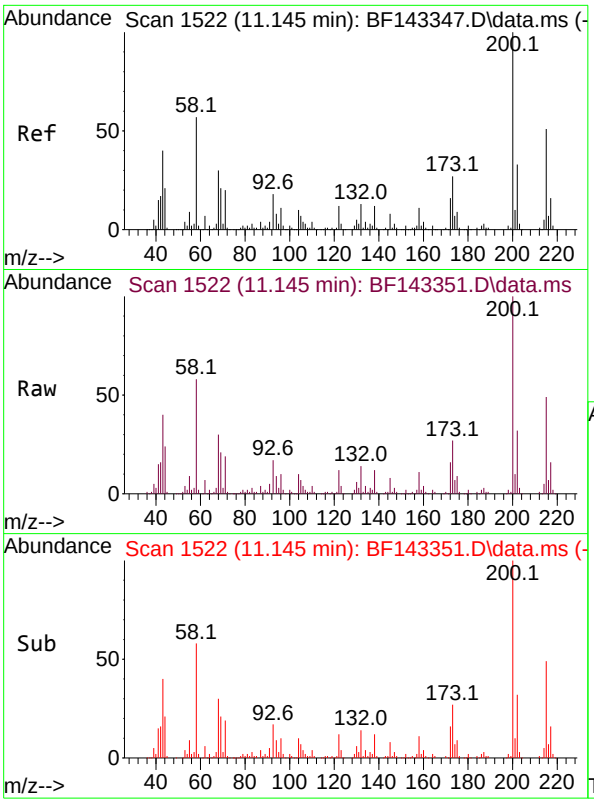


#68
Hexachlorobenzene
Concen: 38.460 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:284 Resp: 240521

Ion	Ratio	Lower	Upper
284	100		
142	31.7	25.7	38.5
249	31.6	24.6	37.0



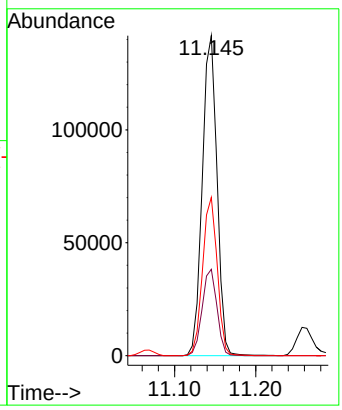


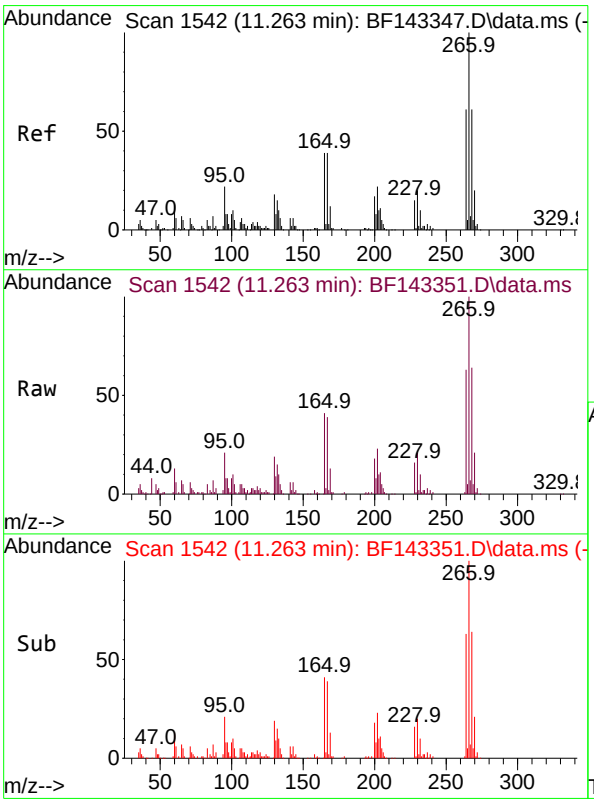
#69
Atrazine
Concen: 40.936 ng
RT: 11.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:200 Resp: 178347

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.6	46.6
215	49.4	30.6	70.6

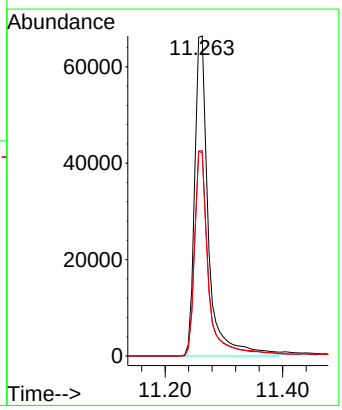


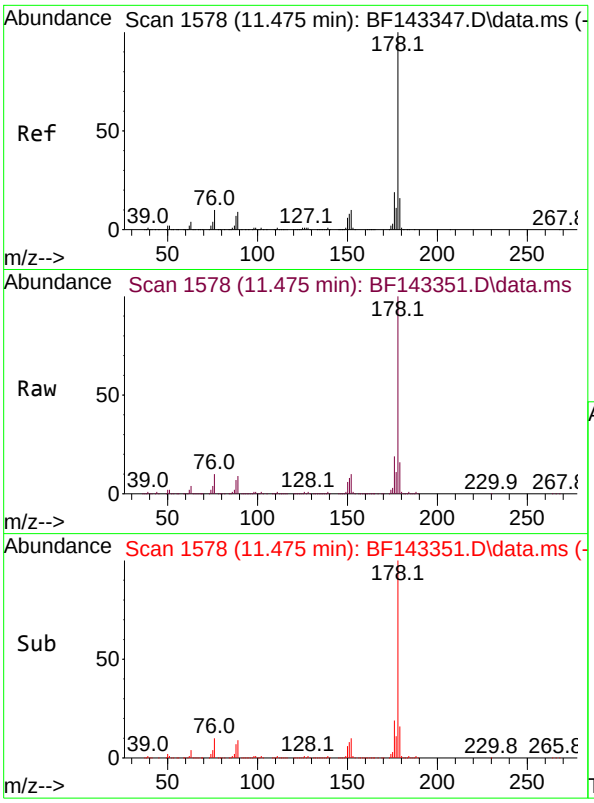


#70
Pentachlorophenol
Concen: 38.771 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:266 Resp: 108593

Ion	Ratio	Lower	Upper
266	100		
268	64.2	48.8	73.2
264	63.4	48.8	73.2



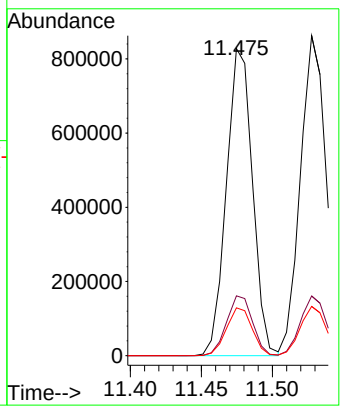


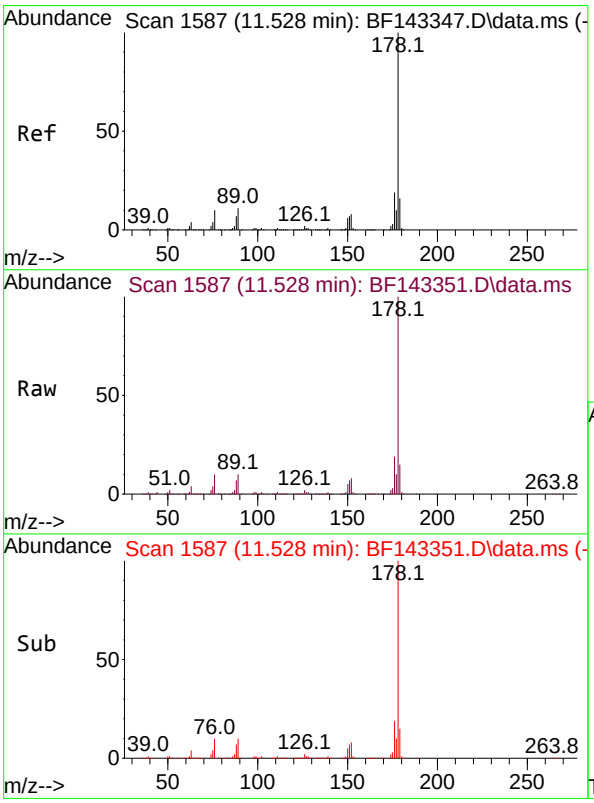
#71
Phenanthrene
Concen: 38.330 ng
RT: 11.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:178 Resp: 1060892

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.5	12.5	18.7

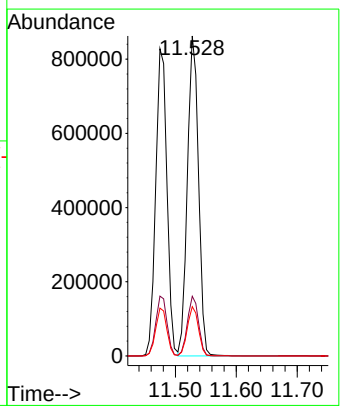


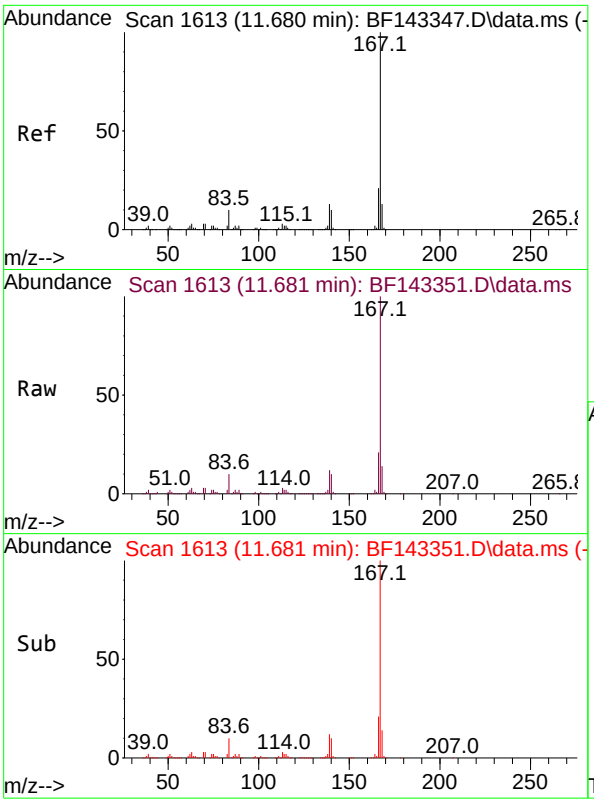


#72
Anthracene
Concen: 38.834 ng
RT: 11.528 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:178 Resp: 1090047

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.4	12.7	19.1



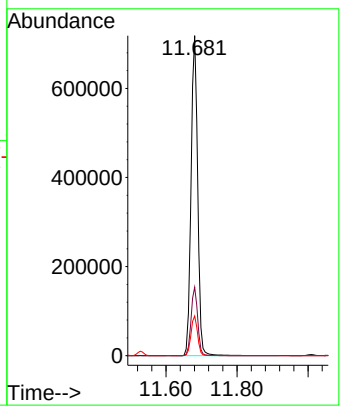


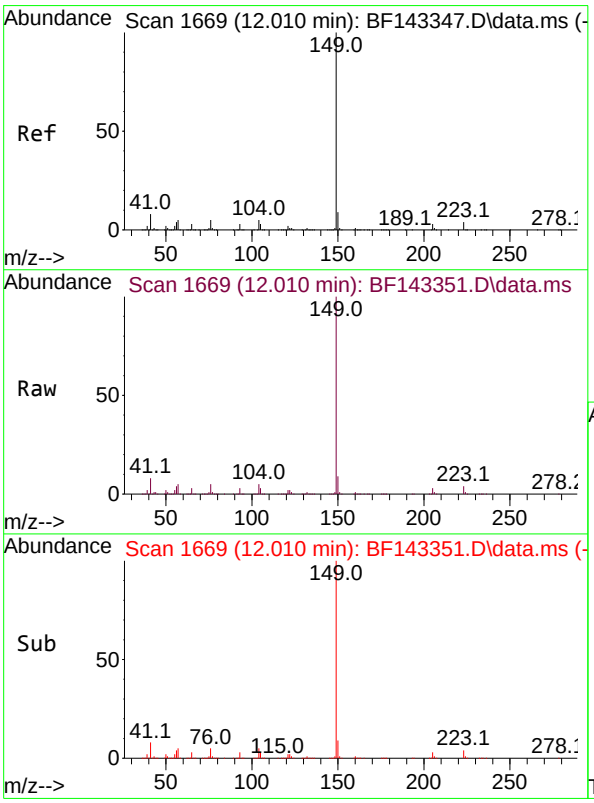
#73
Carbazole
Concen: 38.877 ng
RT: 11.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:167 Resp: 929366

Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.8	25.2
139	12.4	10.2	15.2

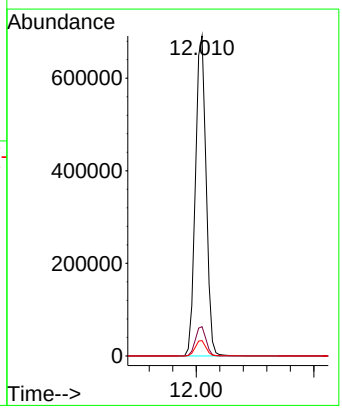


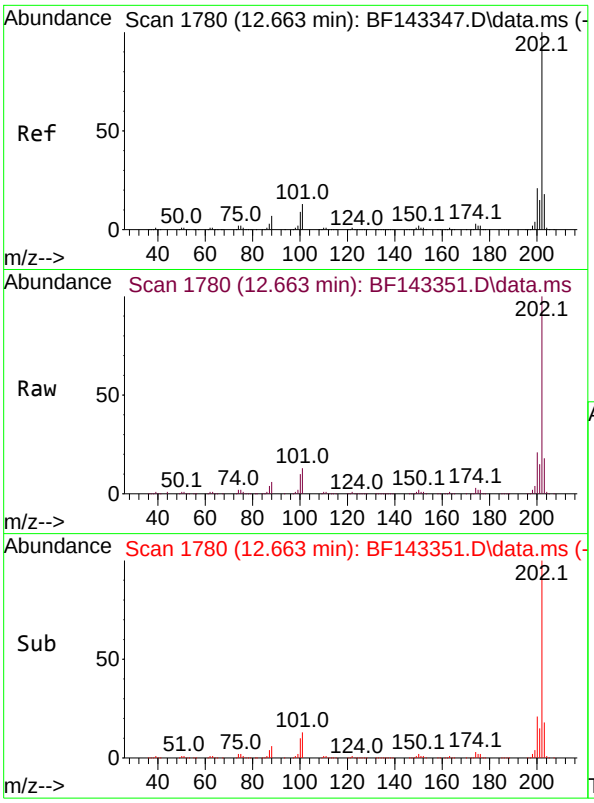


#74
Di-n-butylphthalate
Concen: 43.060 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:149 Resp: 871054

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.8	3.8	5.8



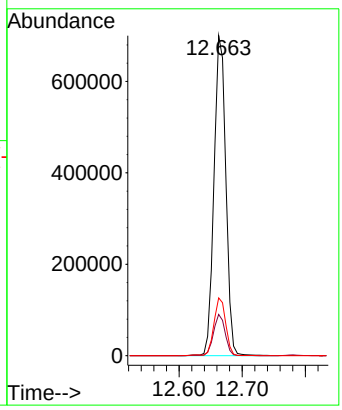


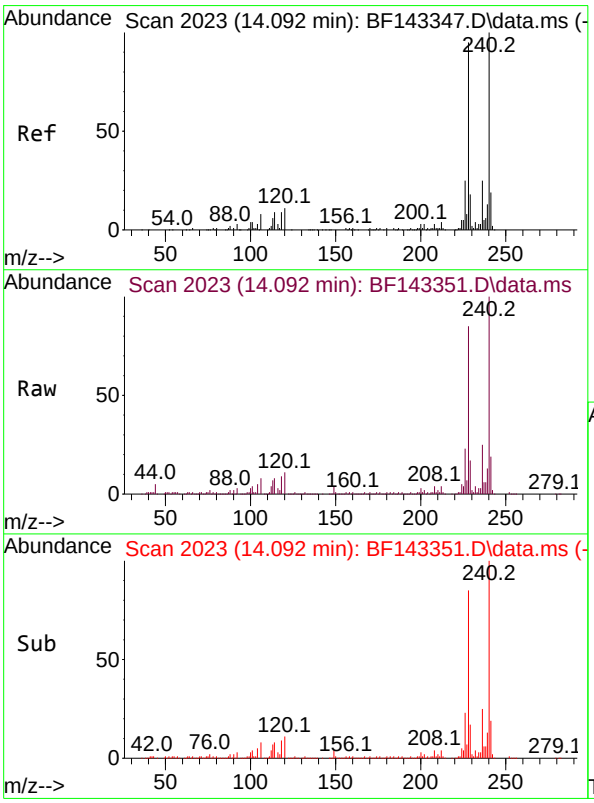
#75
Fluoranthene
Concen: 37.543 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:202 Resp: 910203

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	18.1	0.0	37.6

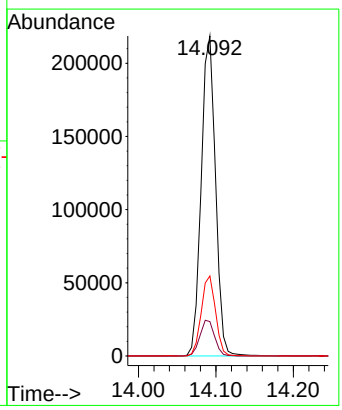


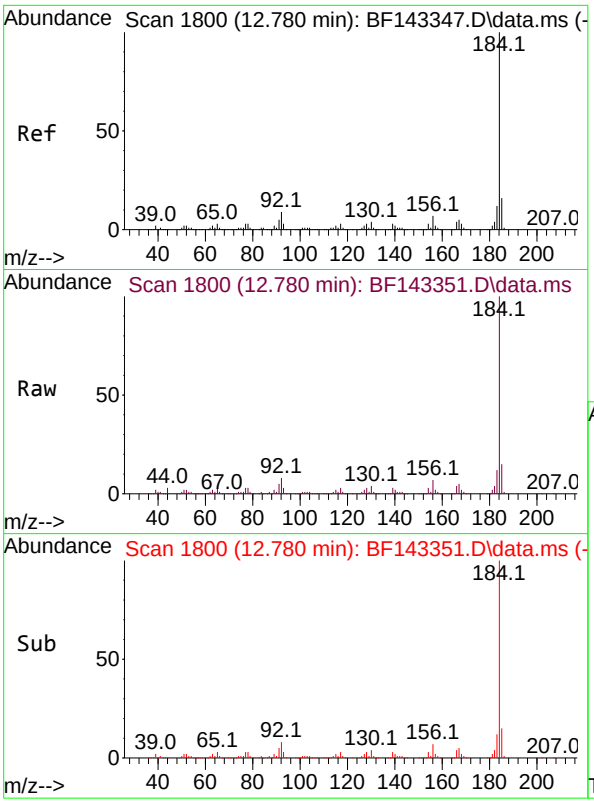


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:240 Resp: 280276

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	25.0	19.9	29.9



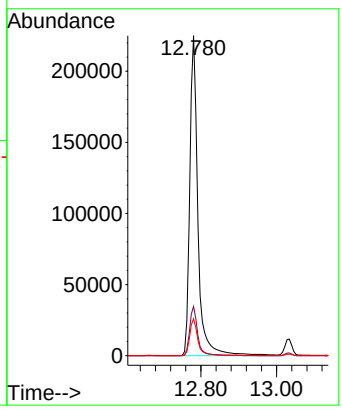


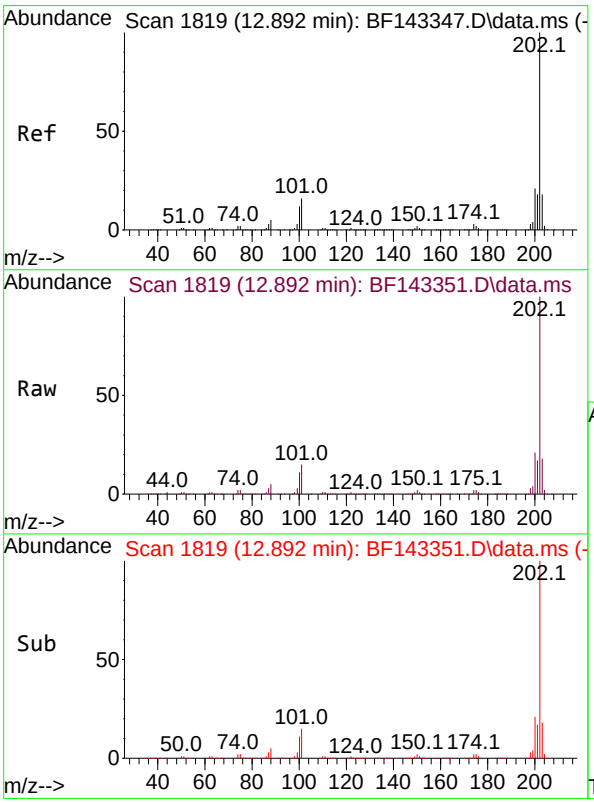
#77
Benzidine
Concen: 43.872 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:184 Resp: 336170

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.8	19.2
183	11.5	9.3	13.9

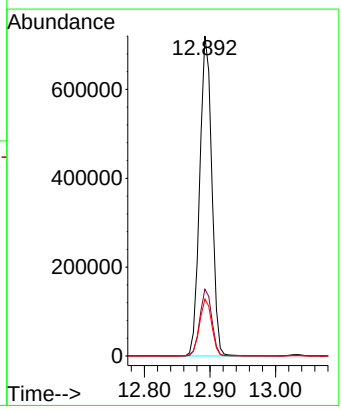


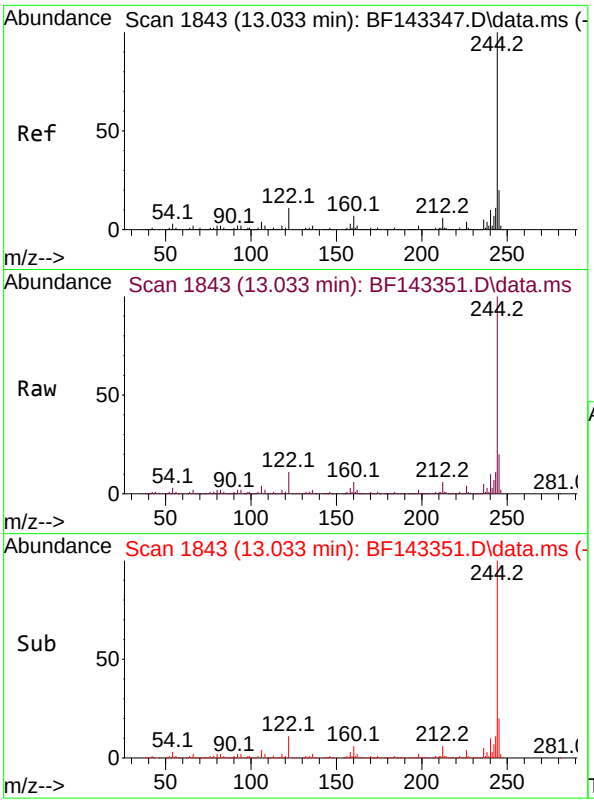


#78
Pyrene
Concen: 39.329 ng
RT: 12.892 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:202 Resp: 924712

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.7	14.2	21.4



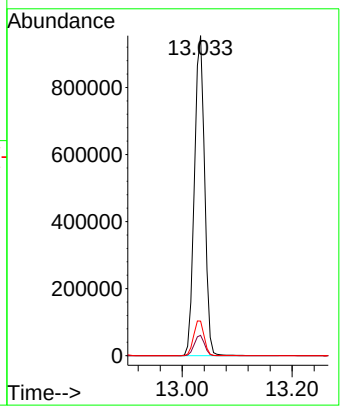


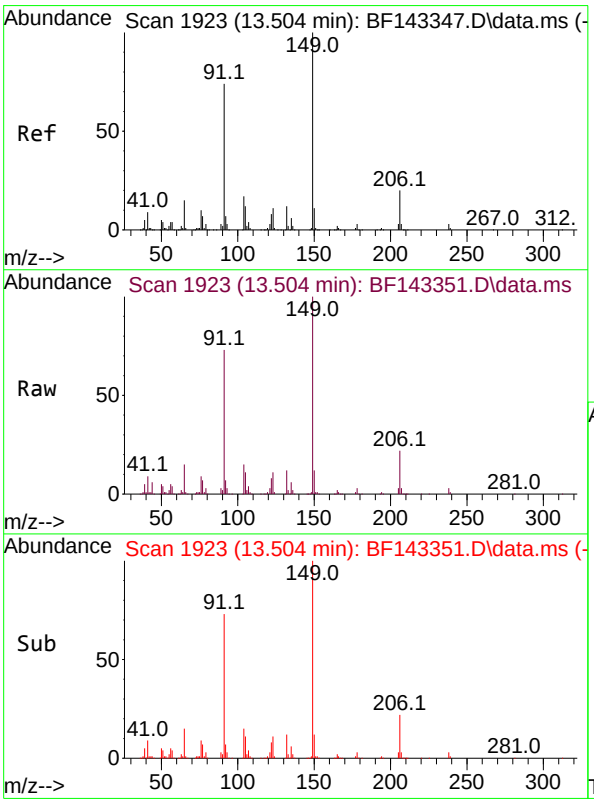
#79
Terphenyl-d14
Concen: 78.222 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:244 Resp: 1227991

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.1	7.7
122	10.8	8.9	13.3

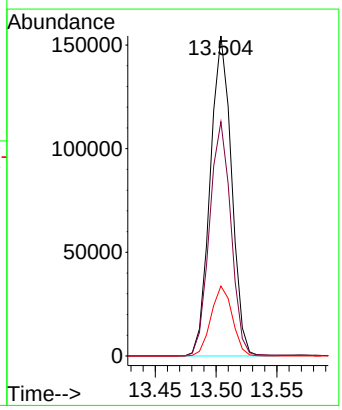


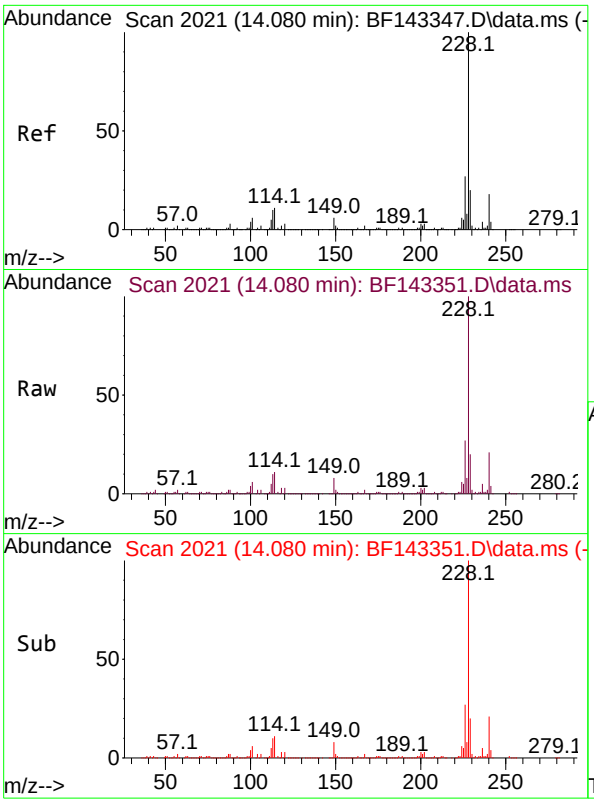


#80
Butylbenzylphthalate
Concen: 41.012 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:149 Resp: 188120

Ion	Ratio	Lower	Upper
149	100		
91	73.2	58.8	88.2
206	21.8	16.4	24.6



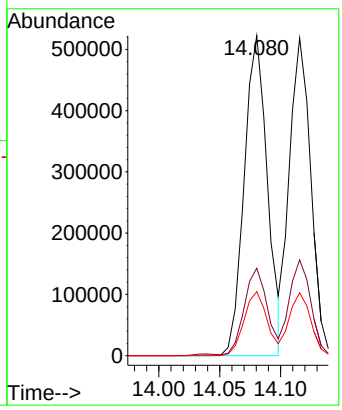


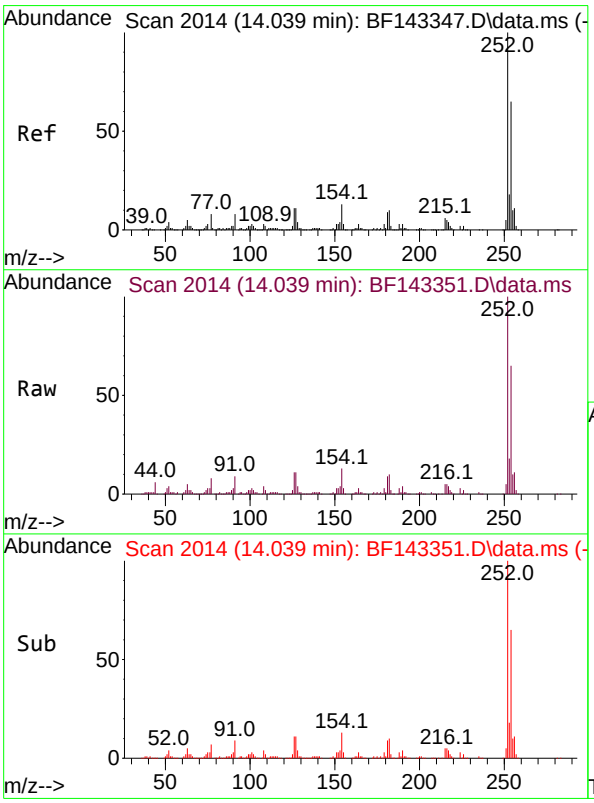
#81
Benzo(a)anthracene
Concen: 38.956 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:228 Resp: 693960

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	20.0	15.8	23.8

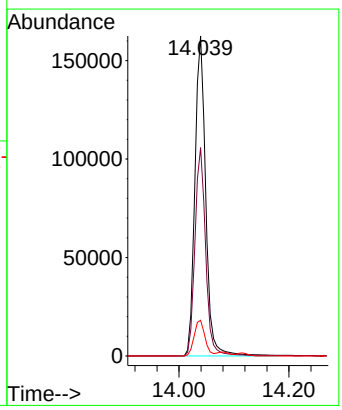


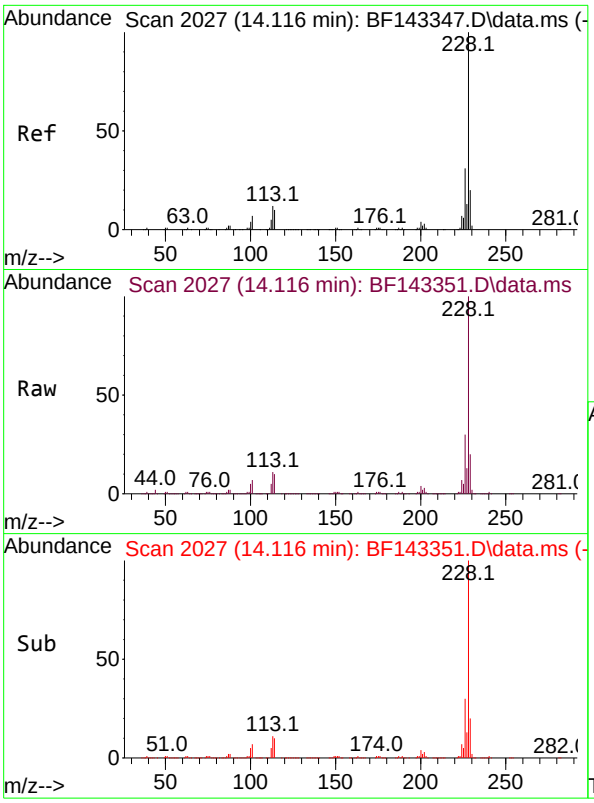


#82
3,3'-Dichlorobenzidine
Concen: 46.252 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:252 Resp: 222482

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.7	77.5
126	11.2	9.2	13.8



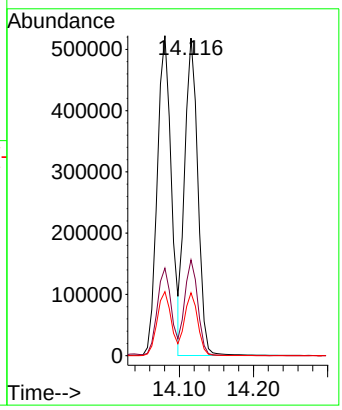


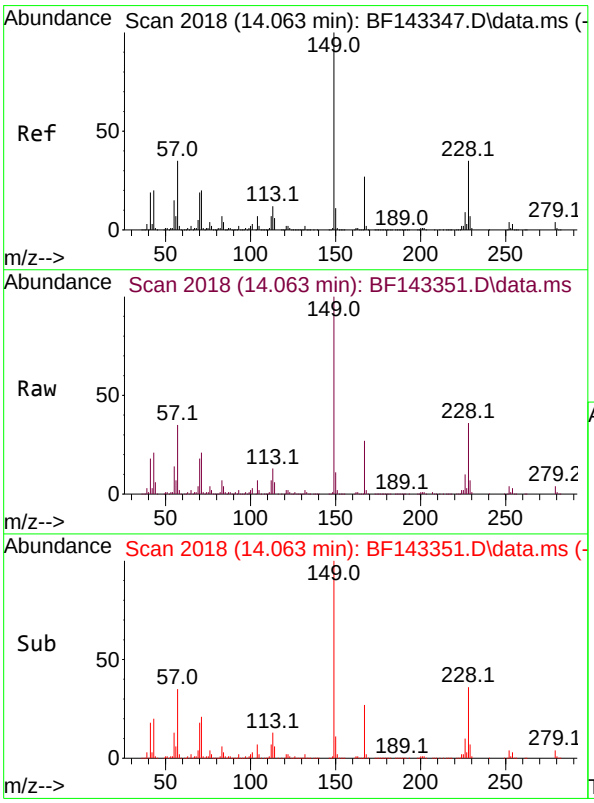
#83
Chrysene
Concen: 38.503 ng
RT: 14.116 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:228 Resp: 639568

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.8	15.8	23.6

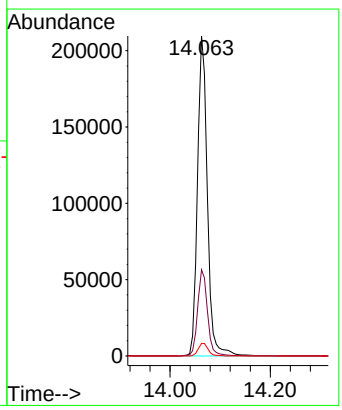


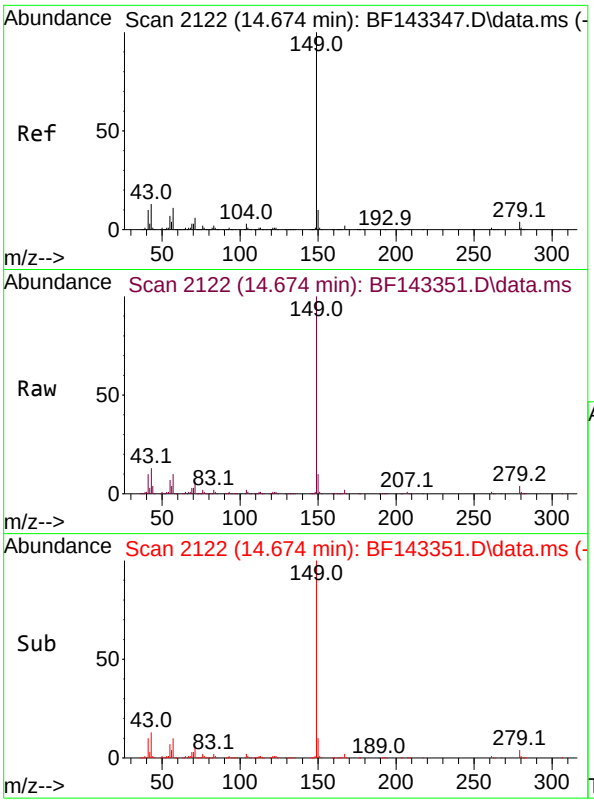


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.315 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:149 Resp: 285665

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.0
279	3.9	3.2	4.8



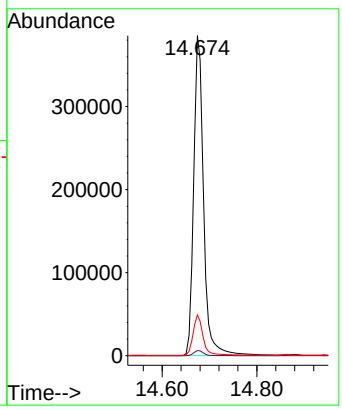


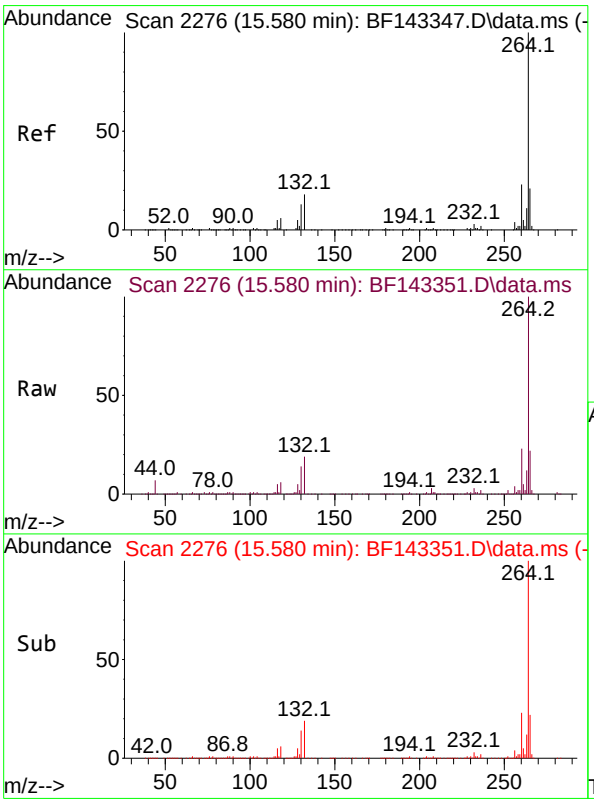
#85
Di-n-octyl phthalate
Concen: 42.219 ng
RT: 14.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:149 Resp: 563193

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.6	10.8	16.2

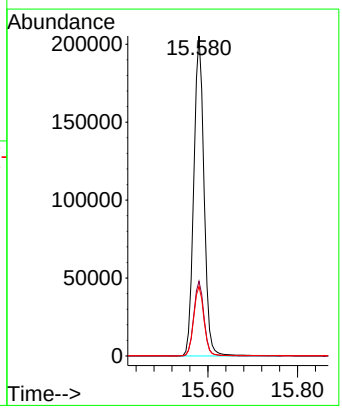


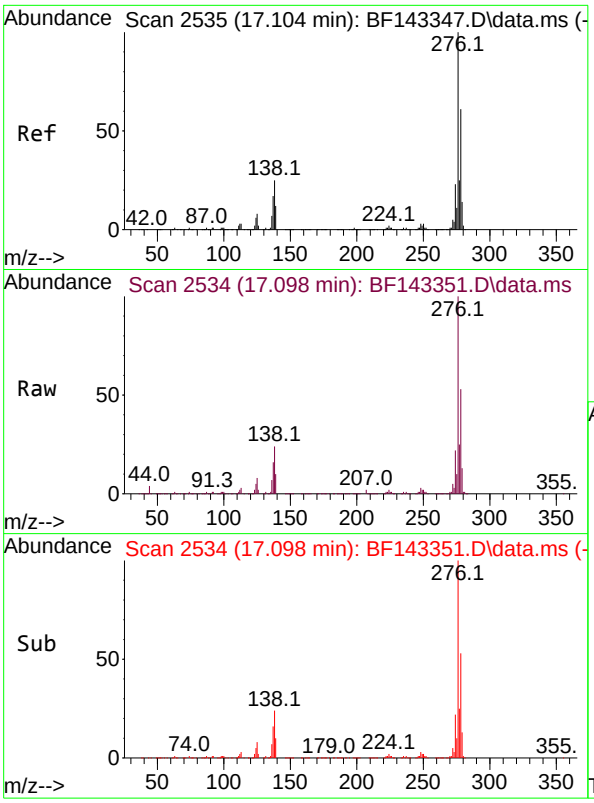


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:264 Resp: 324835

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.7	17.2	25.8



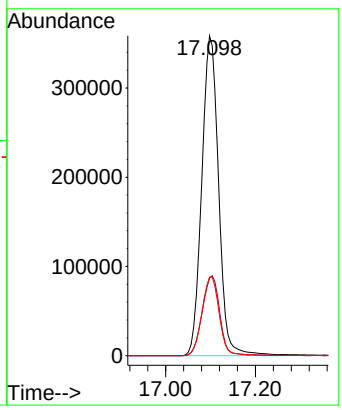


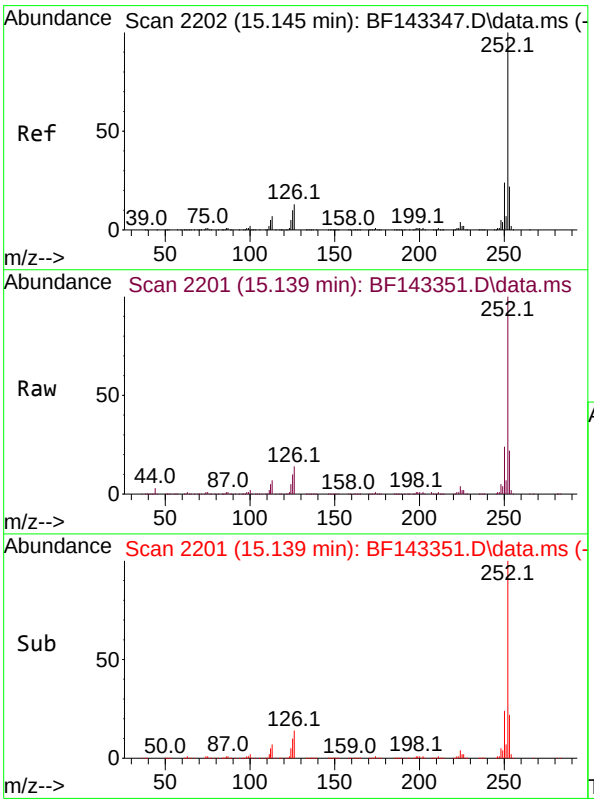
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.136 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:276 Resp: 934056

Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.1	31.7
277	25.2	20.2	30.2

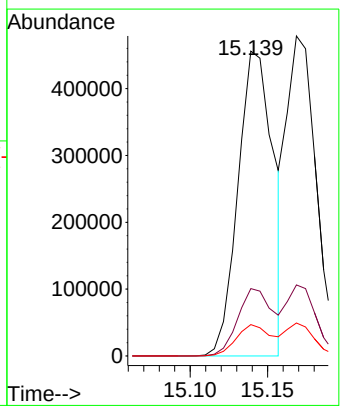


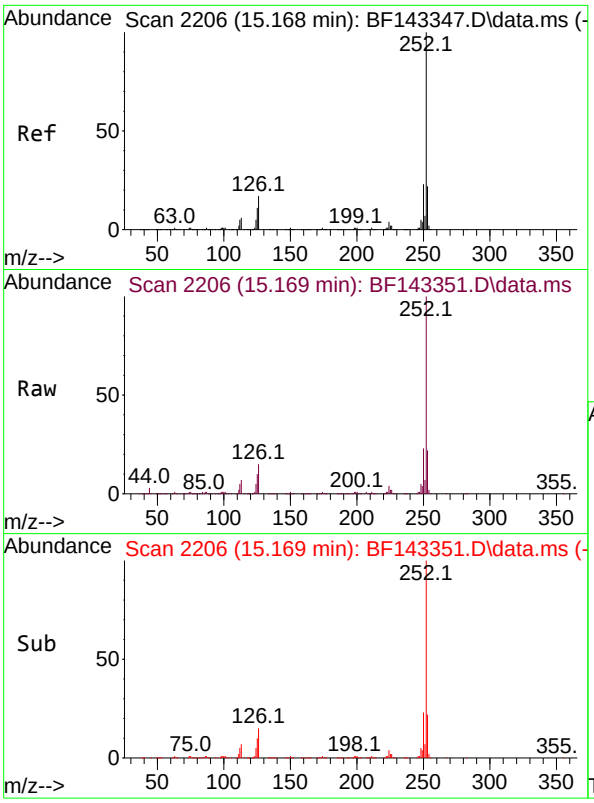


#88
Benzo(b)fluoranthene
Concen: 40.856 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:252 Resp: 725882

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.3	7.8	11.6



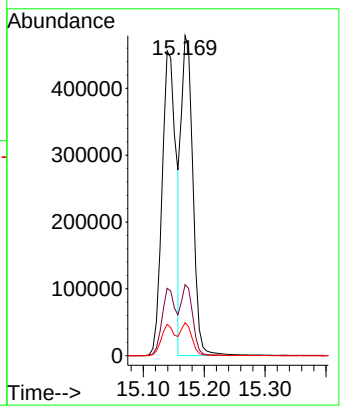


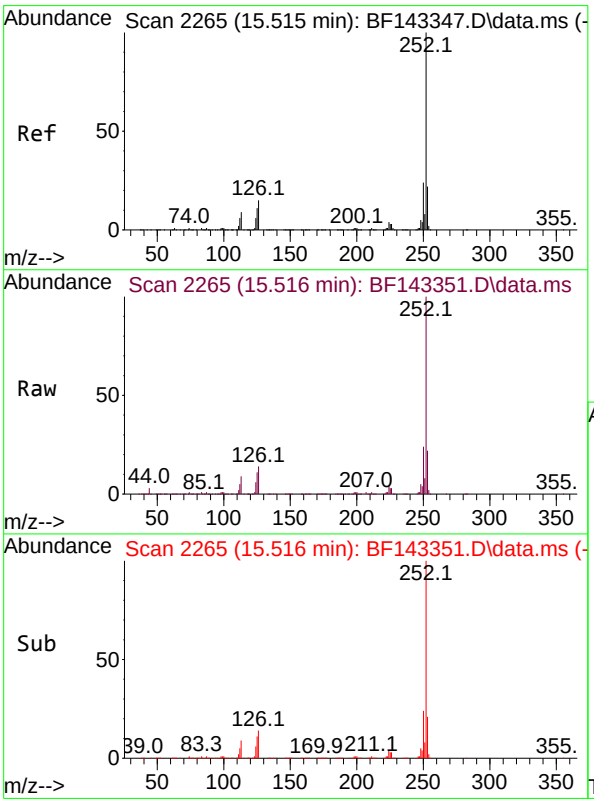
#89
Benzo(k)fluoranthene
Concen: 37.064 ng
RT: 15.169 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:252 Resp: 639883

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.3	8.4	12.6

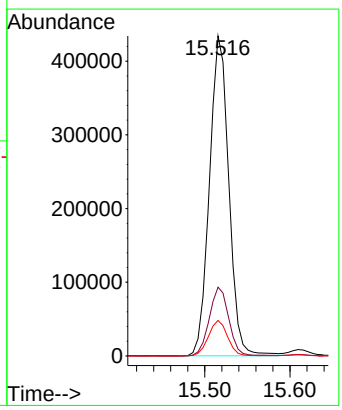


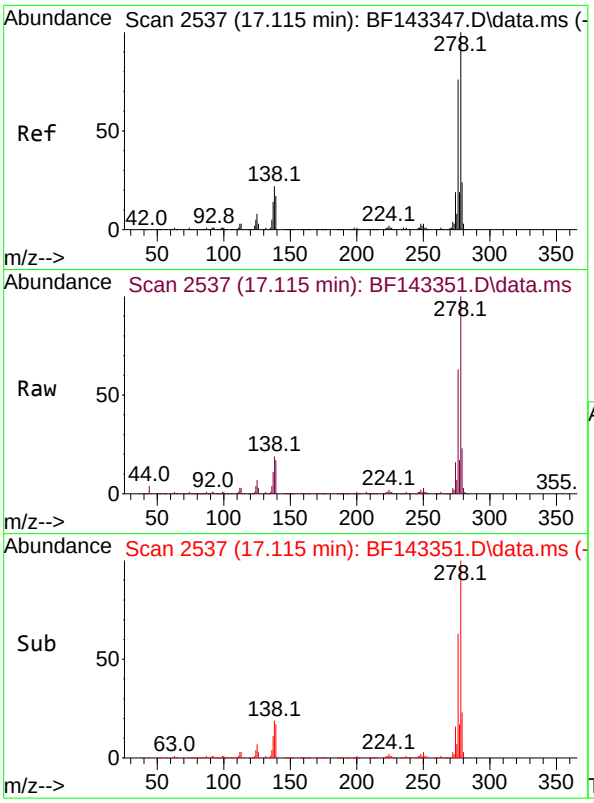


#90
Benzo(a)pyrene
Concen: 41.027 ng
RT: 15.516 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:252 Resp: 686526

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	11.1	9.1	13.7



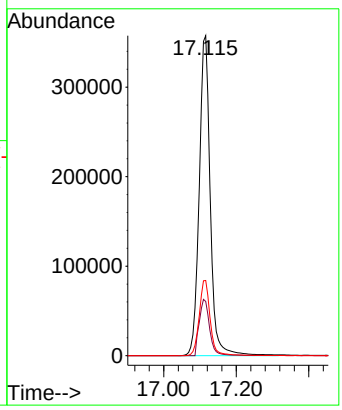


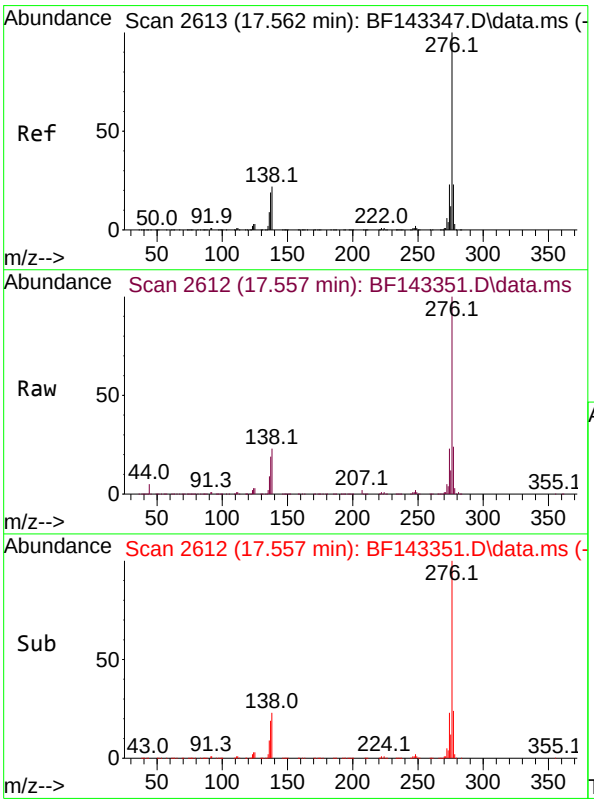
#91
Dibenzo(a,h)anthracene
Concen: 40.736 ng
RT: 17.115 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Tgt Ion:278 Resp: 757376

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.0	21.0
279	23.5	19.4	29.0

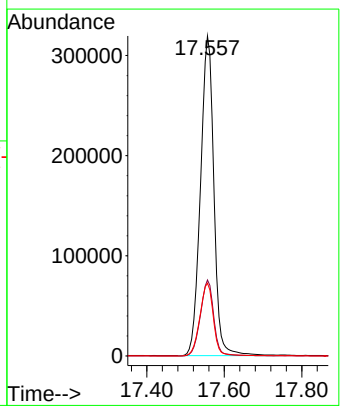




#92
Benzo(g,h,i)perylene
Concen: 41.001 ng
RT: 17.557 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:276 Resp: 767923

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	22.8	17.8	26.8



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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	97	0.00
2		1,4-Dioxane	0.598	0.557	6.9	91	0.00
3		Pyridine	1.595	1.545	3.1	93	0.00
4		n-Nitrosodimethylamine	0.743	0.769	-3.5	99	0.00
5	S	2-Fluorophenol	1.157	1.115	3.6	92	0.00
6		Aniline	2.091	2.122	-1.5	97	0.00
7	S	Phenol-d6	1.483	1.409	5.0	91	0.00
8		2-Chlorophenol	1.236	1.268	-2.6	98	0.00
9		Benzaldehyde	0.980	0.989	-0.9	95	0.00
10	C	Phenol	1.757	1.768	-0.6	97	0.00
11		bis(2-Chloroethyl)ether	1.295	1.263	2.5	94	0.00
12		1,3-Dichlorobenzene	1.425	1.419	0.4	96	0.00
13	C	1,4-Dichlorobenzene	1.431	1.436	-0.3	99	0.00
14		1,2-Dichlorobenzene	1.358	1.371	-1.0	99	0.00
15		Benzyl Alcohol	1.063	1.125	-5.8	101	0.00
16		2,2'-oxybis(1-Chloropropane	2.312	2.300	0.5	97	0.00
17		2-Methylphenol	1.043	1.067	-2.3	98	0.00
18		Hexachloroethane	0.449	0.475	-5.8	100	0.00
19	P	n-Nitroso-di-n-propylamine	0.916	0.915	0.1	98	0.00
20		3+4-Methylphenols	1.262	1.296	-2.7	98	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	97	0.00
22		Acetophenone	0.441	0.440	0.2	99	0.00
23	S	Nitrobenzene-d5	0.321	0.334	-4.0	96	0.00
24		Nitrobenzene	0.349	0.357	-2.3	96	0.00
25		Isophorone	0.656	0.651	0.8	98	0.00
26	C	2-Nitrophenol	0.118	0.150	-27.1#	115	0.00
27		2,4-Dimethylphenol	0.274	0.304	-10.9	105	0.00
28		bis(2-Chloroethoxy)methane	0.400	0.397	0.8	97	0.00
29	C	2,4-Dichlorophenol	0.267	0.276	-3.4	97	0.00
30		1,2,4-Trichlorobenzene	0.282	0.289	-2.5	101	0.00
31		Naphthalene	0.962	0.923	4.1	95	0.00
32		Benzoic acid	0.110	0.124	-12.7	111	0.00
33		4-Chloroaniline	0.347	0.387	-11.5	109	0.00
34	C	Hexachlorobutadiene	0.175	0.173	1.1	95	0.00
35		Caprolactam	0.075	0.079	-5.3	97	0.00
36	C	4-Chloro-3-methylphenol	0.280	0.285	-1.8	96	0.00
37		2-Methylnaphthalene	0.633	0.558	11.8	87	0.00
38		1-Methylnaphthalene	0.609	0.578	5.1	94	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	99	0.00
40		1,2,4,5-Tetrachlorobenzene	0.547	0.537	1.8	98	0.00
41	P	Hexachlorocyclopentadiene	0.158	0.237	-50.0#	140	0.00
42	S	2,4,6-Tribromophenol	0.146	0.155	-6.2	96	0.00
43	C	2,4,6-Trichlorophenol	0.311	0.333	-7.1	98	0.00
44		2,4,5-Trichlorophenol	0.351	0.362	-3.1	95	0.00
45	S	2-Fluorobiphenyl	1.179	1.093	7.3	95	0.00
46		1,1'-Biphenyl	1.414	1.372	3.0	97	0.00
47		2-Chloronaphthalene	1.114	1.061	4.8	96	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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	0.284	0.336	-18.3	107	0.00
49		Acenaphthylene	1.608	1.709	-6.3	106	0.00
50		Dimethylphthalate	1.169	1.172	-0.3	98	0.00
51		2,6-Dinitrotoluene	0.193	0.248	-28.5#	115	0.00
52	C	Acenaphthene	1.069	1.013	5.2	95	0.00
53		3-Nitroaniline	0.239	0.285	-19.2	108	0.00
54	P	2,4-Dinitrophenol	0.065	0.082	-26.2#	123	0.00
55		Dibenzofuran	1.539	1.487	3.4	97	0.00
56	P	4-Nitrophenol	0.163	0.183	-12.3	104	0.00
57		2,4-Dinitrotoluene	0.256	0.317	-23.8	108	0.00
58		Fluorene	1.175	1.117	4.9	97	0.00
59		2,3,4,6-Tetrachlorophenol	0.236	0.296	-25.4#	115	0.00
60		Diethylphthalate	1.047	1.055	-0.8	96	0.00
61		4-Chlorophenyl-phenylether	0.568	0.541	4.8	95	0.00
62		4-Nitroaniline	0.232	0.257	-10.8	102	0.00
63		Azobenzene	1.196	1.187	0.8	98	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65		4,6-Dinitro-2-methylphenol	0.069	0.086	-24.6	119	0.00
66	c	n-Nitrosodiphenylamine	0.659	0.650	1.4	97	0.00
67		4-Bromophenyl-phenylether	0.229	0.226	1.3	96	0.00
68		Hexachlorobenzene	0.247	0.237	4.0	95	0.00
69		Atrazine	0.172	0.176	-2.3	97	0.00
70	C	Pentachlorophenol	0.101	0.107	-5.9	97	0.00
71		Phenanthrene	1.091	1.046	4.1	95	0.00
72		Anthracene	1.107	1.074	3.0	97	0.00
73		Carbazole	0.942	0.916	2.8	96	0.00
74		Di-n-butylphthalate	0.798	0.859	-7.6	97	0.00
75	C	Fluoranthene	0.956	0.897	6.2	96	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	97	0.00
77		Benzidine	0.547	0.600	-9.7	98	0.00
78		Pyrene	1.678	1.650	1.7	96	0.00
79	S	Terphenyl-d14	1.120	1.095	2.2	97	0.00
80		Butylbenzylphthalate	0.284	0.336	-18.3	107	0.00
81		Benzo(a)anthracene	1.271	1.238	2.6	95	0.00
82		3,3'-Dichlorobenzidine	0.343	0.397	-15.7	105	0.00
83		Chrysene	1.185	1.141	3.7	94	0.00
84		Bis(2-ethylhexyl)phthalate	0.403	0.510	-26.6#	112	0.00
85	c	Di-n-octyl phthalate	0.860	1.005	-16.9	109	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.433	1.438	-0.3	98	0.00
88		Benzo(b)fluoranthene	1.094	1.117	-2.1	99	0.00
89		Benzo(k)fluoranthene	1.063	0.985	7.3	94	0.00
90	C	Benzo(a)pyrene	1.030	1.057	-2.6	101	0.00
91		Dibenzo(a,h)anthracene	1.145	1.166	-1.8	99	0.00
92		Benzo(g,h,i)perylene	1.153	1.182	-2.5	100	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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	97	0.00
2		1,4-Dioxane	40.000	37.259	6.9	91	0.00
3		Pyridine	40.000	38.741	3.1	93	0.00
4		n-Nitrosodimethylamine	40.000	41.403	-3.5	99	0.00
5	S	2-Fluorophenol	80.000	77.155	3.6	92	0.00
6		Aniline	40.000	40.597	-1.5	97	0.00
7	S	Phenol-d6	80.000	75.986	5.0	91	0.00
8		2-Chlorophenol	40.000	41.033	-2.6	98	0.00
9		Benzaldehyde	40.000	40.346	-0.9	95	0.00
10	C	Phenol	40.000	40.258	-0.6	97	0.00
11		bis(2-Chloroethyl)ether	40.000	39.024	2.4	94	0.00
12		1,3-Dichlorobenzene	40.000	39.813	0.5	96	0.00
13	C	1,4-Dichlorobenzene	40.000	40.160	-0.4	99	0.00
14		1,2-Dichlorobenzene	40.000	40.389	-1.0	99	0.00
15		Benzyl Alcohol	40.000	42.327	-5.8	101	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.787	0.5	97	0.00
17		2-Methylphenol	40.000	40.922	-2.3	98	0.00
18		Hexachloroethane	40.000	42.342	-5.9	100	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.940	0.2	98	0.00
20		3+4-Methylphenols	40.000	41.105	-2.8	98	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	97	0.00
22		Acetophenone	40.000	39.985	0.0	99	0.00
23	S	Nitrobenzene-d5	80.000	83.164	-4.0	96	0.00
24		Nitrobenzene	40.000	40.919	-2.3	96	0.00
25		Isophorone	40.000	39.728	0.7	98	0.00
26	C	2-Nitrophenol	40.000	43.318	-8.3	115	0.00
27		2,4-Dimethylphenol	40.000	44.394	-11.0	105	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.714	0.7	97	0.00
29	C	2,4-Dichlorophenol	40.000	41.289	-3.2	97	0.00
30		1,2,4-Trichlorobenzene	40.000	41.017	-2.5	101	0.00
31		Naphthalene	40.000	38.372	4.1	95	0.00
32		Benzoic acid	40.000	43.285	-8.2	111	0.00
33		4-Chloroaniline	40.000	44.618	-11.5	109	0.00
34	C	Hexachlorobutadiene	40.000	39.366	1.6	95	0.00
35		Caprolactam	40.000	41.892	-4.7	97	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.717	-1.8	96	0.00
37		2-Methylnaphthalene	40.000	35.270	11.8	87	0.00
38		1-Methylnaphthalene	40.000	37.970	5.1	94	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	99	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.218	2.0	98	0.00
41	P	Hexachlorocyclopentadiene	40.000	51.644	-29.1#	140	0.00
42	S	2,4,6-Tribromophenol	80.000	84.868	-6.1	96	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.843	-7.1	98	0.00
44		2,4,5-Trichlorophenol	40.000	41.305	-3.3	95	0.00
45	S	2-Fluorobiphenyl	80.000	74.116	7.4	95	0.00
46		1,1'-Biphenyl	40.000	38.812	3.0	97	0.00
47		2-Chloronaphthalene	40.000	38.093	4.8	96	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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	42.167	-5.4	107	0.00
49		Acenaphthylene	40.000	42.507	-6.3	106	0.00
50		Dimethylphthalate	40.000	40.126	-0.3	98	0.00
51		2,6-Dinitrotoluene	40.000	45.012	-12.5	115	0.00
52	C	Acenaphthene	40.000	37.893	5.3	95	0.00
53		3-Nitroaniline	40.000	47.593	-19.0	108	0.00
54	P	2,4-Dinitrophenol	40.000	45.910	-14.8	123	0.00
55		Dibenzofuran	40.000	38.652	3.4	97	0.00
56	P	4-Nitrophenol	40.000	41.060	-2.7	104	0.00
57		2,4-Dinitrotoluene	40.000	43.458	-8.6	108	0.00
58		Fluorene	40.000	38.022	4.9	97	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	50.091	-25.2#	115	0.00
60		Diethylphthalate	40.000	40.317	-0.8	96	0.00
61		4-Chlorophenyl-phenylether	40.000	38.123	4.7	95	0.00
62		4-Nitroaniline	40.000	44.317	-10.8	102	0.00
63		Azobenzene	40.000	39.721	0.7	98	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.535	-8.8	119	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.468	1.3	97	0.00
67		4-Bromophenyl-phenylether	40.000	39.466	1.3	96	0.00
68		Hexachlorobenzene	40.000	38.460	3.8	95	0.00
69		Atrazine	40.000	40.936	-2.3	97	0.00
70	C	Pentachlorophenol	40.000	38.771	3.1	97	0.00
71		Phenanthrene	40.000	38.330	4.2	95	0.00
72		Anthracene	40.000	38.834	2.9	97	0.00
73		Carbazole	40.000	38.877	2.8	96	0.00
74		Di-n-butylphthalate	40.000	43.060	-7.7	97	0.00
75	C	Fluoranthene	40.000	37.543	6.1	96	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	97	0.00
77		Benzidine	40.000	43.872	-9.7	98	0.00
78		Pyrene	40.000	39.329	1.7	96	0.00
79	S	Terphenyl-d14	80.000	78.222	2.2	97	0.00
80		Butylbenzylphthalate	40.000	41.012	-2.5	107	0.00
81		Benzo(a)anthracene	40.000	38.956	2.6	95	0.00
82		3,3'-Dichlorobenzidine	40.000	46.252	-15.6	105	0.00
83		Chrysene	40.000	38.503	3.7	94	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	42.315	-5.8	112	0.00
85	c	Di-n-octyl phthalate	40.000	42.219	-5.5	109	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.136	-0.3	98	0.00
88		Benzo(b)fluoranthene	40.000	40.856	-2.1	99	0.00
89		Benzo(k)fluoranthene	40.000	37.064	7.3	94	0.00
90	C	Benzo(a)pyrene	40.000	41.027	-2.6	101	0.00
91		Dibenzo(a,h)anthracene	40.000	40.736	-1.8	99	0.00
92		Benzo(g,h,i)perylene	40.000	41.001	-2.5	100	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_P Calibration Date(s): 08/05/2025 08/05/2025

Calibration Time(s): 12:03 16:51

LAB FILE ID: RRF2.5 = BP025298.D RRF005 = BP025299.D RRF010 = BP025300.D
RRF020 = BP025301.D RRF040 = BP025302.D RRF050 = BP025303.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol	1.187	1.248	1.220	1.251	1.233	1.297	1.244	2.9
Benzaldehyde			1.132	1.083	1.402	1.409	1.162	18.3
Phenol-d6	1.535	1.587	1.583	1.648	1.632	1.734	1.637	4.4
Phenol		1.694	1.677	1.728	1.731	1.844	1.751	4.1
bis(2-Chloroethyl)ether		1.389	1.311	1.360	1.337	1.440	1.372	3.8
2-Chlorophenol		1.251	1.264	1.355	1.350	1.451	1.361	6.1
2-Methylphenol		1.093	1.085	1.156	1.176	1.253	1.172	6.0
2,2-oxybis(1-Chloropropane)		2.272	2.091	2.159	2.107	2.251	2.167	4.4
Acetophenone		0.524	0.498	0.510	0.493	0.517	0.502	3.4
3+4-Methylphenols			1.447	1.566	1.587	1.713	1.613	6.8
n-Nitroso-di-n-propylamine	0.989	1.103	1.026	1.062	1.080	1.146	1.075	5.8
Nitrobenzene-d5	0.300	0.324	0.334	0.375	0.374	0.407	0.361	10.2
Hexachloroethane		0.563	0.532	0.540	0.540	0.572	0.553	3.2
Nitrobenzene		0.311	0.312	0.347	0.344	0.373	0.342	6.7
Isophorone		0.727	0.682	0.702	0.713	0.759	0.719	4.2
2-Nitrophenol		0.082	0.085	0.115	0.128	0.149	0.126	26.4
2,4-Dimethylphenol		0.380	0.319	0.308	0.324	0.342	0.331	7.4
bis(2-Chloroethoxy)methane		0.457	0.415	0.437	0.431	0.457	0.437	4.3
2,4-Dichlorophenol		0.249	0.259	0.293	0.296	0.317	0.290	9.0
Naphthalene		1.093	1.014	1.044	1.017	1.075	1.038	3.8
4-Chloroaniline		0.449	0.435	0.460	0.459	0.495	0.462	4.4
Hexachlorobutadiene		0.191	0.178	0.185	0.180	0.188	0.184	2.6
Caprolactam			0.095	0.105	0.115	0.122	0.113	9.5
4-Chloro-3-methylphenol		0.310	0.303	0.327	0.341	0.368	0.336	7.3
2-Methylnaphthalene		0.697	0.653	0.665	0.656	0.701	0.672	3.4
Hexachlorocyclopentadiene			0.291	0.324	0.331	0.358	0.337	8.1
2,4,6-Trichlorophenol		0.279	0.301	0.359	0.367	0.395	0.353	12.7
2-Fluorobiphenyl	1.502	1.551	1.453	1.479	1.444	1.464	1.448	5.2
2,4,5-Trichlorophenol		0.310	0.342	0.408	0.412	0.437	0.396	12.6
1,1-Biphenyl		1.518	1.461	1.524	1.449	1.517	1.474	3.3
2-Chloronaphthalene		1.138	1.098	1.157	1.106	1.159	1.124	2.5
2-Nitroaniline		0.187	0.212	0.287	0.308	0.344	0.288	22.3
Dimethylphthalate		1.522	1.403	1.470	1.431	1.532	1.458	4.1
Acenaphthylene		1.859	1.841	1.901	1.868	1.971	1.876	2.9

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_P Calibration Date(s): 08/05/2025 08/05/2025

Calibration Time(s): 12:03 16:51

LAB FILE ID: RRF2.5 = BP025298.D RRF005 = BP025299.D RRF010 = BP025300.D
RRF020 = BP025301.D RRF040 = BP025302.D RRF050 = BP025303.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.178	0.217	0.278	0.287	0.308	0.269	19.0
3-Nitroaniline		0.217	0.256	0.317	0.333	0.362	0.315	18.2
Acenaphthene		1.164	1.120	1.156	1.114	1.201	1.144	2.9
2,4-Dinitrophenol			0.059	0.080	0.095	0.117	0.105	31.5
4-Nitrophenol			0.199	0.270	0.284	0.308	0.278	14.9
Dibenzofuran		1.804	1.711	1.735	1.681	1.762	1.710	4.3
2,4-Dinitrotoluene		0.213	0.257	0.361	0.390	0.431	0.359	25.0
Diethylphthalate		1.518	1.416	1.498	1.440	1.528	1.470	3.9
4-Chlorophenyl-phenylether		0.722	0.638	0.651	0.631	0.642	0.637	7.7
Fluorene		1.500	1.398	1.379	1.316	1.360	1.343	7.8
4-Nitroaniline		0.227	0.263	0.324	0.338	0.348	0.312	15.2
4,6-Dinitro-2-methylphenol			0.041	0.063	0.075	0.093	0.080	31.7
n-Nitrosodiphenylamine		0.606	0.601	0.618	0.605	0.638	0.609	3.4
2,4,6-Tribromophenol	0.151	0.171	0.182	0.210	0.212	0.229	0.200	14.1
4-Bromophenyl-phenylether		0.200	0.194	0.202	0.199	0.211	0.201	3.3
Hexachlorobenzene		0.232	0.222	0.224	0.220	0.233	0.226	2.8
Atrazine		0.201	0.199	0.218	0.212	0.231	0.214	5.8
Pentachlorophenol			0.104	0.139	0.144	0.161	0.144	14.9
Phenanthrene		1.161	1.101	1.097	1.073	1.132	1.095	4.4
Anthracene		1.104	1.093	1.129	1.095	1.151	1.105	4.1
Carbazole		1.062	1.069	1.086	1.052	1.101	1.060	3.5
Di-n-butylphthalate		1.198	1.188	1.337	1.290	1.376	1.283	6.3
Fluoranthene		1.321	1.288	1.291	1.252	1.314	1.268	4.7
Pyrene		1.321	1.314	1.350	1.289	1.406	1.330	3.2
Terphenyl-d14	1.060	1.140	1.083	1.096	1.046	1.082	1.059	5.5
Butylbenzylphthalate		0.399	0.413	0.554	0.565	0.627	0.539	17.7
3,3-Dichlorobenzidine			0.414	0.484	0.473	0.501	0.469	6.4
Benzo(a)anthracene		1.346	1.308	1.357	1.302	1.382	1.329	3.1
Chrysene		1.257	1.193	1.257	1.217	1.289	1.233	3.5
Bis(2-ethylhexyl)phthalate		0.735	0.713	0.903	0.892	0.939	0.861	11.4
Di-n-octyl phthalate			1.011	1.434	1.502	1.543	1.442	15.3
Benzo(b)fluoranthene		1.182	1.151	1.194	1.179	1.290	1.197	3.8
Benzo(k)fluoranthene		1.191	1.145	1.189	1.171	1.264	1.187	3.6
Benzo(a)pyrene		1.116	1.108	1.148	1.151	1.229	1.153	3.7
Indeno(1,2,3-cd)pyrene		1.374	1.302	1.436	1.443	1.546	1.434	5.5

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_P Calibration Date(s): 08/05/2025 08/05/2025

Calibration Time(s): 12:03 16:51

LAB FILE ID: RRF2.5 = BP025298.D RRF005 = BP025299.D RRF010 = BP025300.D
RRF020 = BP025301.D RRF040 = BP025302.D RRF050 = BP025303.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.135	1.077	1.166	1.185	1.261	1.174	5.0
Benzo(g,h,i)perylene		1.126	1.051	1.149	1.153	1.243	1.152	5.0
1,2,4,5-Tetrachlorobenzene		0.551	0.530	0.564	0.547	0.557	0.546	2.3
1,4-Dioxane		0.536	0.502	0.479	0.481	0.495	0.491	4.8
2,3,4,6-Tetrachlorophenol		0.262	0.286	0.339	0.344	0.366	0.331	12.3

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 06 06:41:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025298.D 5 =BP025299.D 10 =BP025300.D 20 =BP025301.D 40 =BP025302.D 50 =BP025303.D 60 =BP025304.D 80 =BP0253
05.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.536	0.502	0.479	0.481	0.495	0.482	0.460	0.491	4.85
3)		Pyridine		1.368	1.344	1.341	1.340	1.407	1.397	1.347	1.363	2.06
4)		n-Nitrosodimet...			0.607	0.627	0.611	0.661	0.656	0.636	0.633	3.51
5)	S	2-Fluorophenol	1.187	1.248	1.220	1.251	1.233	1.297	1.287	1.225	1.244	2.88
6)		Aniline		2.182	2.099	2.208	2.218	2.385	2.403	2.231	2.247	4.88
7)	S	Phenol-d6	1.535	1.587	1.583	1.648	1.632	1.734	1.744	1.629	1.637	4.44
8)		2-Chlorophenol		1.251	1.264	1.355	1.350	1.451	1.463	1.394	1.361	6.09
9)		Benzaldehyde			1.132	1.083	1.402	1.409	1.095	0.852	1.162	18.31
10)	C	Phenol		1.694	1.677	1.728	1.731	1.844	1.859	1.725	1.751	4.08
11)		bis(2-Chloroet...		1.389	1.311	1.360	1.337	1.440	1.440	1.328	1.372	3.83
12)		1,3-Dichlorobe...		1.591	1.515	1.526	1.473	1.575	1.556	1.469	1.529	3.13
13)	C	1,4-Dichlorobe...		1.613	1.509	1.536	1.508	1.601	1.579	1.484	1.547	3.27
14)		1,2-Dichlorobe...		1.562	1.451	1.490	1.455	1.551	1.538	1.445	1.499	3.39
15)		Benzyl Alcohol			1.130	1.229	1.244	1.359	1.381	1.268	1.269	7.25
16)		2,2'-oxybis(1-...		2.272	2.091	2.159	2.107	2.251	2.258	2.033	2.167	4.37
17)		2-Methylphenol		1.093	1.085	1.156	1.176	1.253	1.264	1.175	1.172	5.95
18)		Hexachloroethane		0.563	0.532	0.540	0.540	0.572	0.577	0.550	0.553	3.17
19)	P	n-Nitroso-di-n...	0.989	1.103	1.026	1.062	1.080	1.146	1.171	1.024	1.075	5.84
20)		3+4-Methylphenols			1.447	1.566	1.587	1.713	1.754	1.613	1.613	6.80
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.524	0.498	0.510	0.493	0.517	0.501	0.472	0.502	3.44
23)	S	Nitrobenzene-d5	0.300	0.324	0.334	0.375	0.374	0.407	0.394	0.379	0.361	10.24
24)		Nitrobenzene		0.311	0.312	0.347	0.344	0.373	0.359	0.346	0.342	6.69
25)		Isophorone		0.727	0.682	0.702	0.713	0.759	0.756	0.691	0.719	4.22
26)	C	2-Nitrophenol		0.082	0.085	0.115	0.128	0.149	0.156	0.163	0.126	26.35
27)		2,4-Dimethylph...		0.380	0.319	0.308	0.324	0.342	0.335	0.311	0.331	7.40
28)		bis(2-Chloroet...		0.457	0.415	0.437	0.431	0.457	0.450	0.413	0.437	4.28
29)	C	2,4-Dichloroph...		0.249	0.259	0.293	0.296	0.317	0.315	0.300	0.290	9.05
30)		1,2,4-Trichlor...		0.328	0.312	0.324	0.312	0.334	0.321	0.309	0.320	2.92
31)		Naphthalene		1.093	1.014	1.044	1.017	1.075	1.049	0.977	1.038	3.77
32)		Benzoic acid			0.070	0.127	0.169	0.191	0.217	0.233	0.168	36.22
33)		4-Chloroaniline		0.449	0.435	0.460	0.459	0.495	0.482	0.453	0.462	4.41
34)	C	Hexachlorobuta...		0.191	0.178	0.185	0.180	0.188	0.185	0.180	0.184	2.60
35)		Caprolactam			0.095	0.105	0.115	0.122	0.124	0.113	0.113	9.54
36)	C	4-Chloro-3-met...		0.310	0.303	0.327	0.341	0.368	0.363	0.338	0.336	7.31
37)		2-Methylnaphth...		0.697	0.653	0.665	0.656	0.701	0.688	0.644	0.672	3.41
38)		1-Methylnaphth...		0.742	0.683	0.703	0.684	0.739	0.706	0.650	0.701	4.63

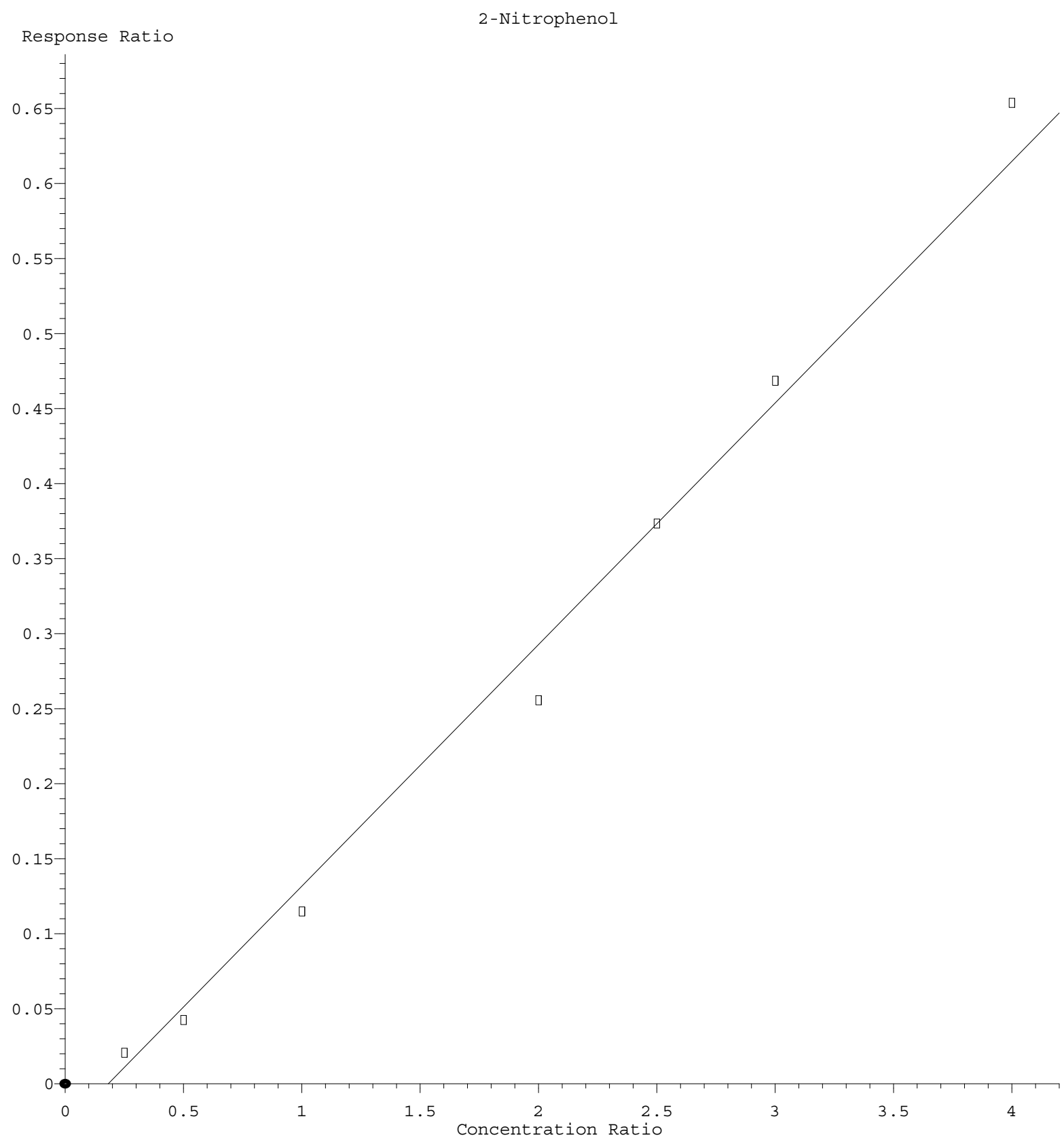
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP080525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...		0.551	0.530	0.564	0.547	0.557	0.542	0.532	0.546	2.32
41)	P	Hexachlorocycl...			0.291	0.324	0.331	0.358	0.355	0.363	0.337	8.13
42)	S	2,4,6-Tribromo...	0.151	0.171	0.182	0.210	0.212	0.229	0.225	0.215	0.200	14.11
43)	C	2,4,6-Trichlor...		0.279	0.301	0.359	0.367	0.395	0.386	0.383	0.353	12.75
44)		2,4,5-Trichlor...		0.310	0.342	0.408	0.412	0.437	0.438	0.423	0.396	12.56
45)	S	2-Fluorobiphenyl	1.502	1.551	1.453	1.479	1.444	1.464	1.389	1.303	1.448	5.17
46)		1,1'-Biphenyl		1.518	1.461	1.524	1.449	1.517	1.454	1.395	1.474	3.26
47)		2-Chloronaphth...		1.138	1.098	1.157	1.106	1.159	1.124	1.089	1.124	2.50
48)		2-Nitroaniline		0.187	0.212	0.287	0.308	0.344	0.341	0.337	0.288	22.33
49)		Acenaphthylene		1.859	1.841	1.901	1.868	1.971	1.890	1.800	1.876	2.86
50)		Dimethylphthalate		1.522	1.403	1.470	1.431	1.532	1.474	1.373	1.458	4.05
51)		2,6-Dinitrotol...		0.178	0.217	0.278	0.287	0.308	0.309	0.304	0.269	19.03
52)	C	Acenaphthene		1.164	1.120	1.156	1.114	1.201	1.147	1.107	1.144	2.92
53)		3-Nitroaniline		0.217	0.256	0.317	0.333	0.362	0.360	0.359	0.315	18.17
54)	P	2,4-Dinitrophenol			0.059	0.080	0.095	0.117	0.129	0.149	0.105	31.45
55)		Dibenzofuran		1.804	1.711	1.735	1.681	1.762	1.700	1.574	1.710	4.25
56)	P	4-Nitrophenol			0.199	0.270	0.284	0.308	0.308	0.298	0.278	14.89
57)		2,4-Dinitrotol...		0.213	0.257	0.361	0.390	0.431	0.432	0.430	0.359	25.01
58)		Fluorene		1.500	1.398	1.379	1.316	1.360	1.284	1.163	1.343	7.79
59)		2,3,4,6-Tetrac...		0.262	0.286	0.339	0.344	0.366	0.366	0.351	0.331	12.26
60)		Diethylphthalate		1.518	1.416	1.498	1.440	1.528	1.508	1.381	1.470	3.91
61)		4-Chlorophenyl...		0.722	0.638	0.651	0.631	0.642	0.614	0.558	0.637	7.67
62)		4-Nitroaniline		0.227	0.263	0.324	0.338	0.348	0.344	0.339	0.312	15.24
63)		Azobenzene		1.412	1.340	1.375	1.351	1.400	1.376	1.306	1.366	2.67
64)	I	Phenanthrene-d10	----------ISTD----------									
65)		4,6-Dinitro-2-...			0.041	0.063	0.075	0.093	0.102	0.107	0.080	31.69
66)	c	n-Nitrosodiphe...		0.606	0.601	0.618	0.605	0.638	0.624	0.572	0.609	3.40
67)		4-Bromophenyl-...		0.200	0.194	0.202	0.199	0.211	0.208	0.194	0.201	3.31
68)		Hexachlorobenzene		0.232	0.222	0.224	0.220	0.233	0.231	0.218	0.226	2.78
69)		Atrazine		0.201	0.199	0.218	0.212	0.231	0.229	0.209	0.214	5.78
70)	C	Pentachlorophenol			0.104	0.139	0.144	0.161	0.160	0.156	0.144	14.88
71)		Phenanthrene		1.161	1.101	1.097	1.073	1.132	1.097	1.007	1.095	4.40
72)		Anthracene		1.104	1.093	1.129	1.095	1.151	1.143	1.017	1.105	4.08
73)		Carbazole		1.062	1.069	1.086	1.052	1.101	1.067	0.985	1.060	3.46
74)		Di-n-butylphth...		1.198	1.188	1.337	1.290	1.376	1.369	1.221	1.283	6.30
75)	C	Fluoranthene		1.321	1.288	1.291	1.252	1.314	1.268	1.143	1.268	4.74
76)	I	Chrysene-d12	----------ISTD----------									
77)		Benzidine			0.668	0.762	0.970	0.726	0.642	0.574	0.724	18.96
78)		Pyrene		1.321	1.314	1.350	1.289	1.406	1.348	1.282	1.330	3.21
79)	S	Terphenyl-d14	1.060	1.140	1.083	1.096	1.046	1.082	1.017	0.947	1.059	5.47
80)		Butylbenzylpht...		0.399	0.413	0.554	0.565	0.627	0.631	0.586	0.539	17.70
81)		Benzo(a)anthra...		1.346	1.308	1.357	1.302	1.382	1.349	1.260	1.329	3.11
82)		3,3'-Dichlorob...			0.414	0.484	0.473	0.501	0.481	0.461	0.469	6.39
83)		Chrysene		1.257	1.193	1.257	1.217	1.289	1.250	1.165	1.233	3.49
84)		Bis(2-ethylhex...		0.735	0.713	0.903	0.892	0.939	0.965	0.882	0.861	11.39
85)	c	Di-n-octyl pht...			1.011	1.434	1.502	1.543	1.634	1.526	1.442	15.32

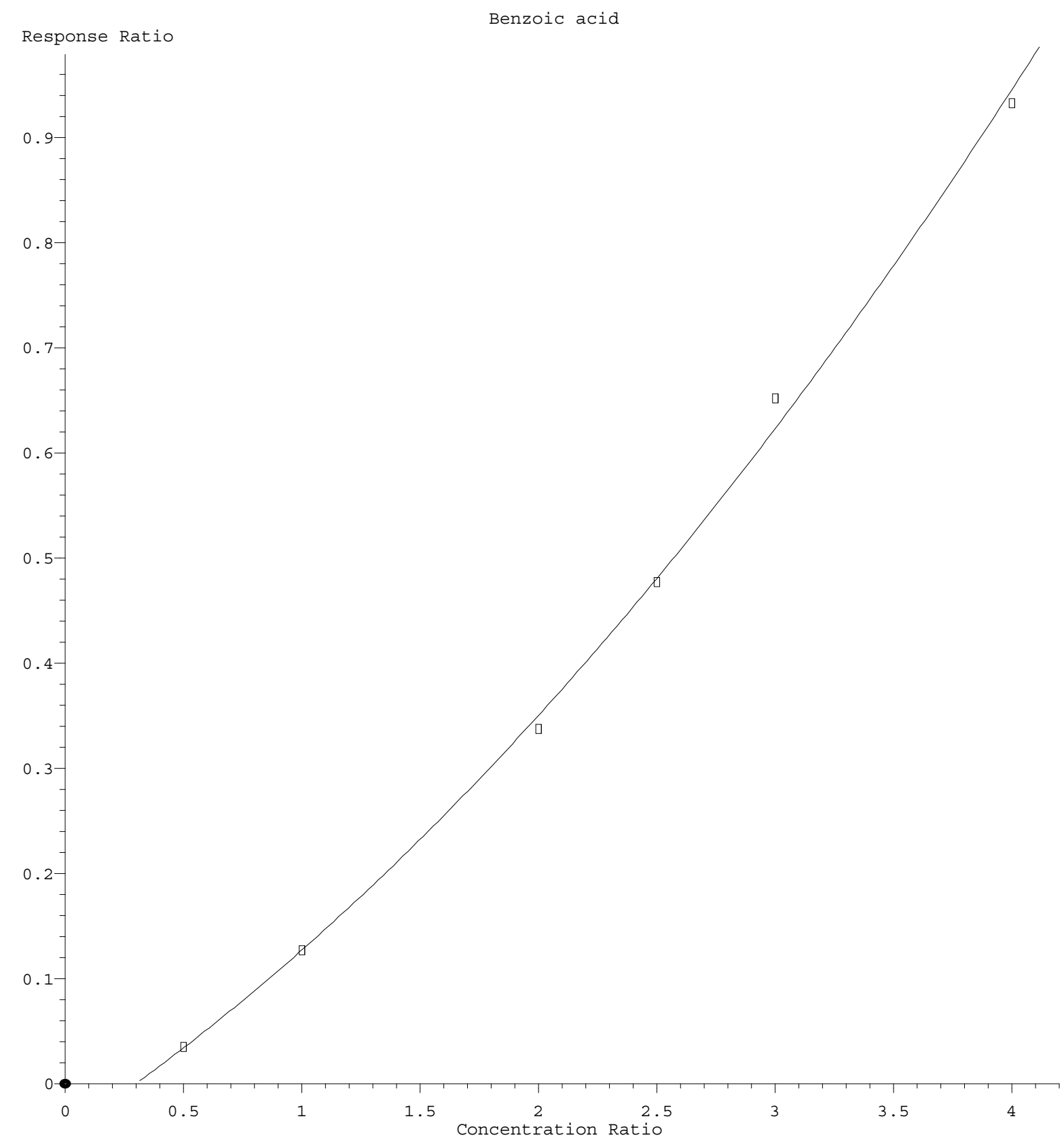
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP080525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.374	1.302	1.436	1.443	1.546	1.494	1.440	1.434	5.50
88)		Benzo(b)fluora...	1.182	1.151	1.194	1.179	1.290	1.217	1.168	1.197	3.82
89)		Benzo(k)fluora...	1.191	1.145	1.189	1.171	1.264	1.210	1.139	1.187	3.56
90)	C	Benzo(a)pyrene	1.116	1.108	1.148	1.151	1.229	1.190	1.129	1.153	3.74
91)		Dibenzo(a,h)an...	1.135	1.077	1.166	1.185	1.261	1.219	1.175	1.174	5.02
92)		Benzo(g,h,i)pe...	1.126	1.051	1.149	1.153	1.243	1.186	1.157	1.152	5.04

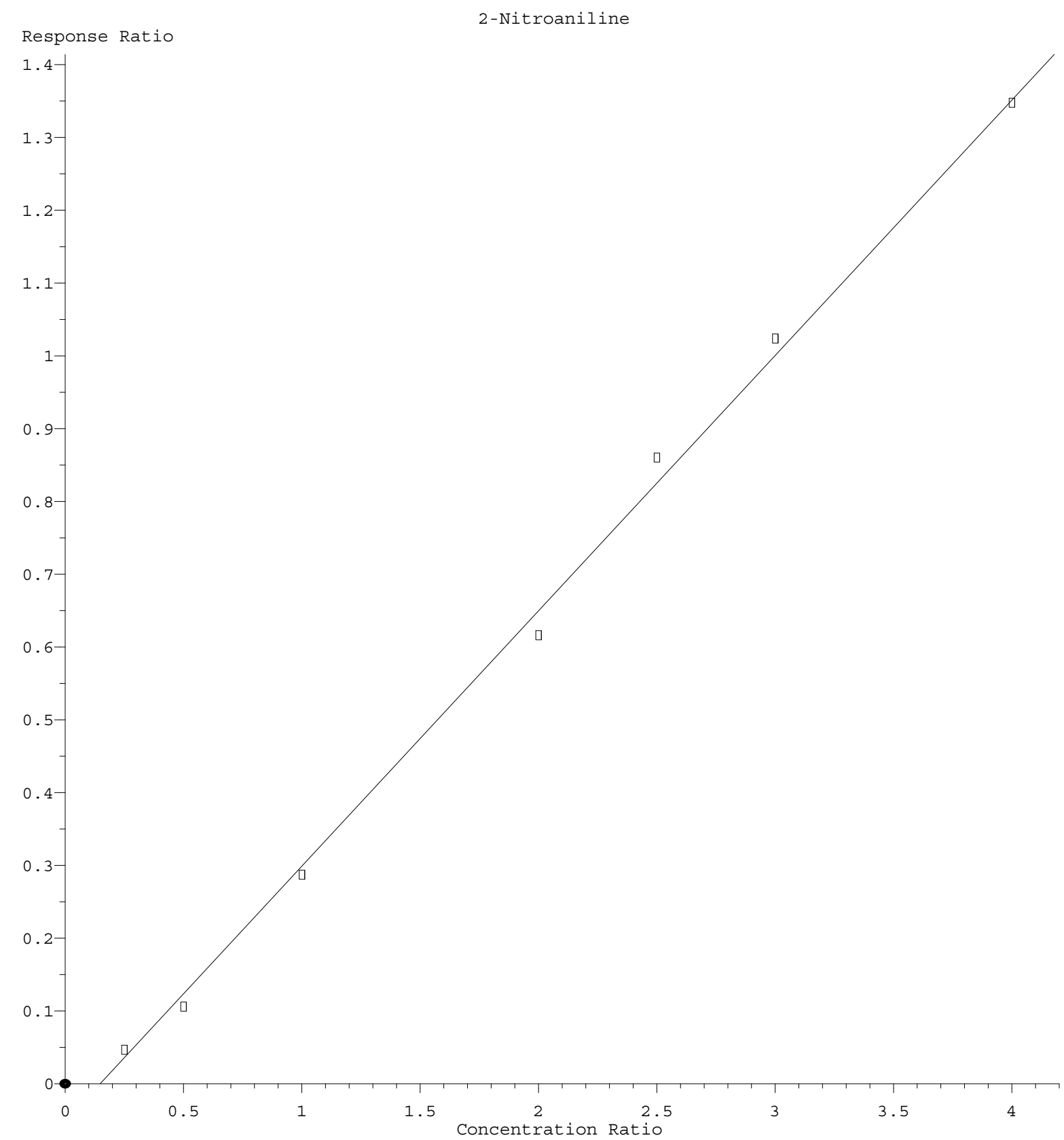
(#) = Out of Range



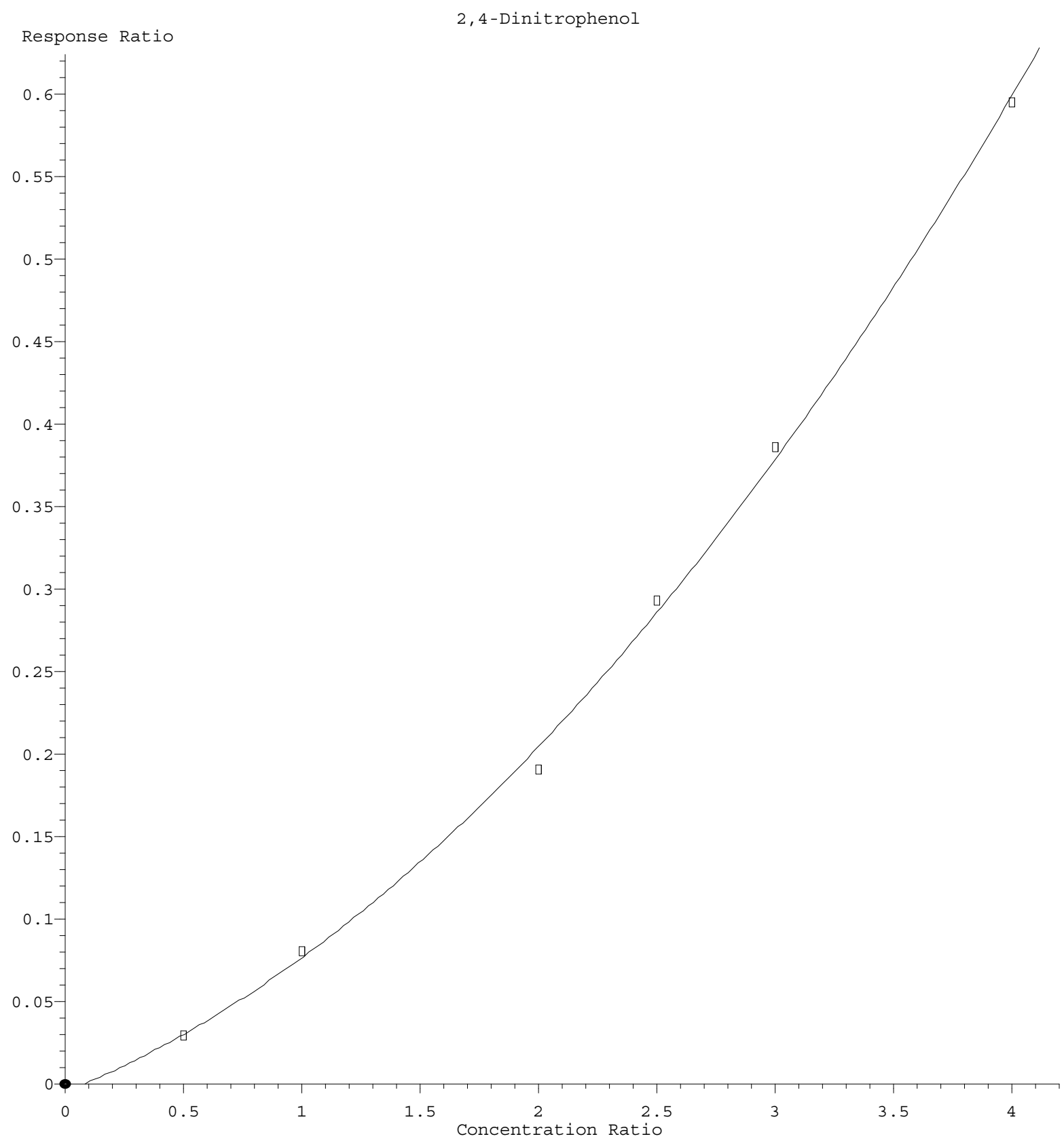
Response = 1.611e-001 * Amt - 2.930e-002
Coef of Det (r^2) = 0.990043 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025



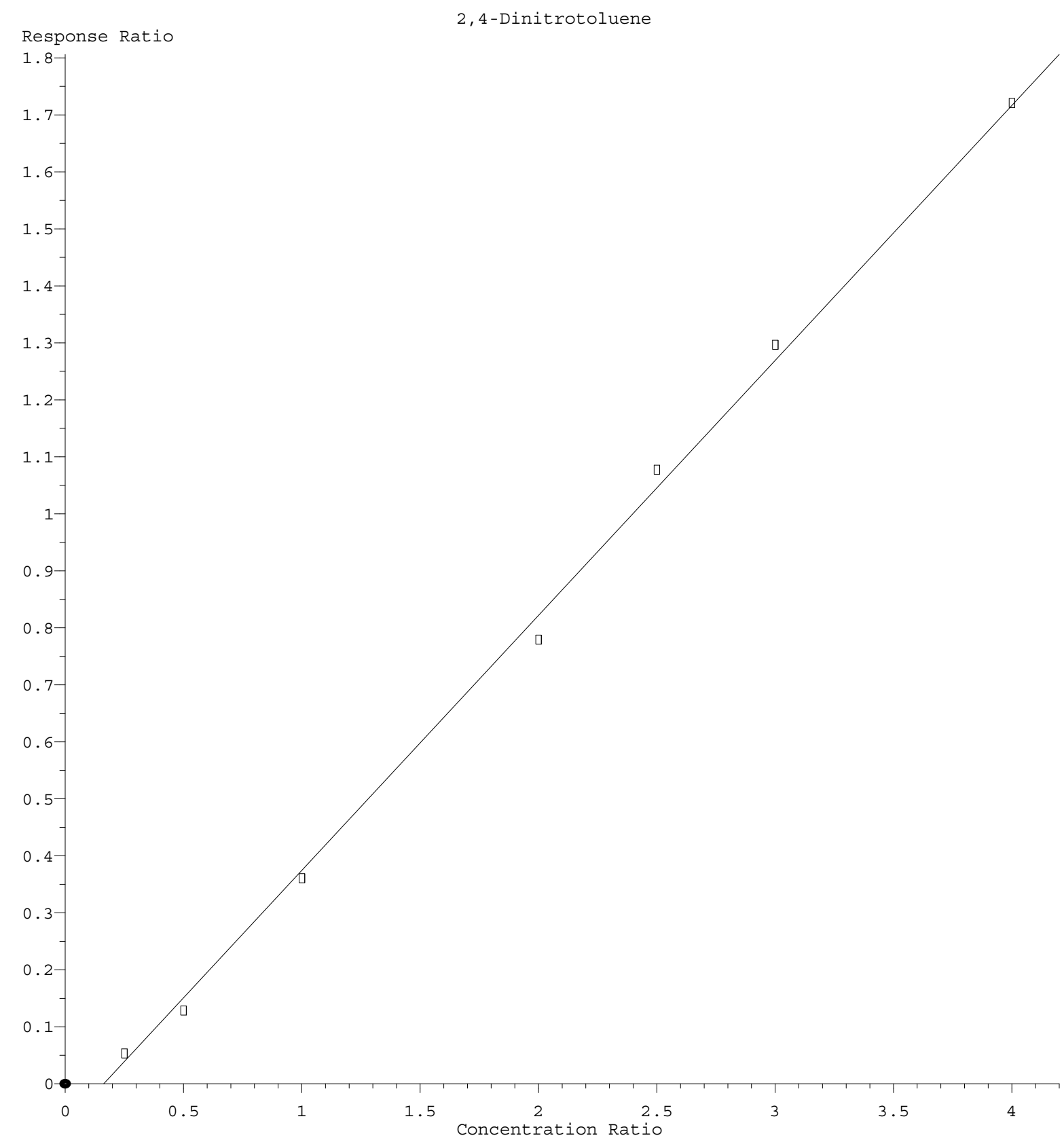
R = 2.477e-002 A*A + 1.489e-001 A - 4.651e-002
Coef of Det (r^2) = 0.998646 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025



Response = 3.511e-001 * Amt - 5.203e-002
Coef of Det (r^2) = 0.997329 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025

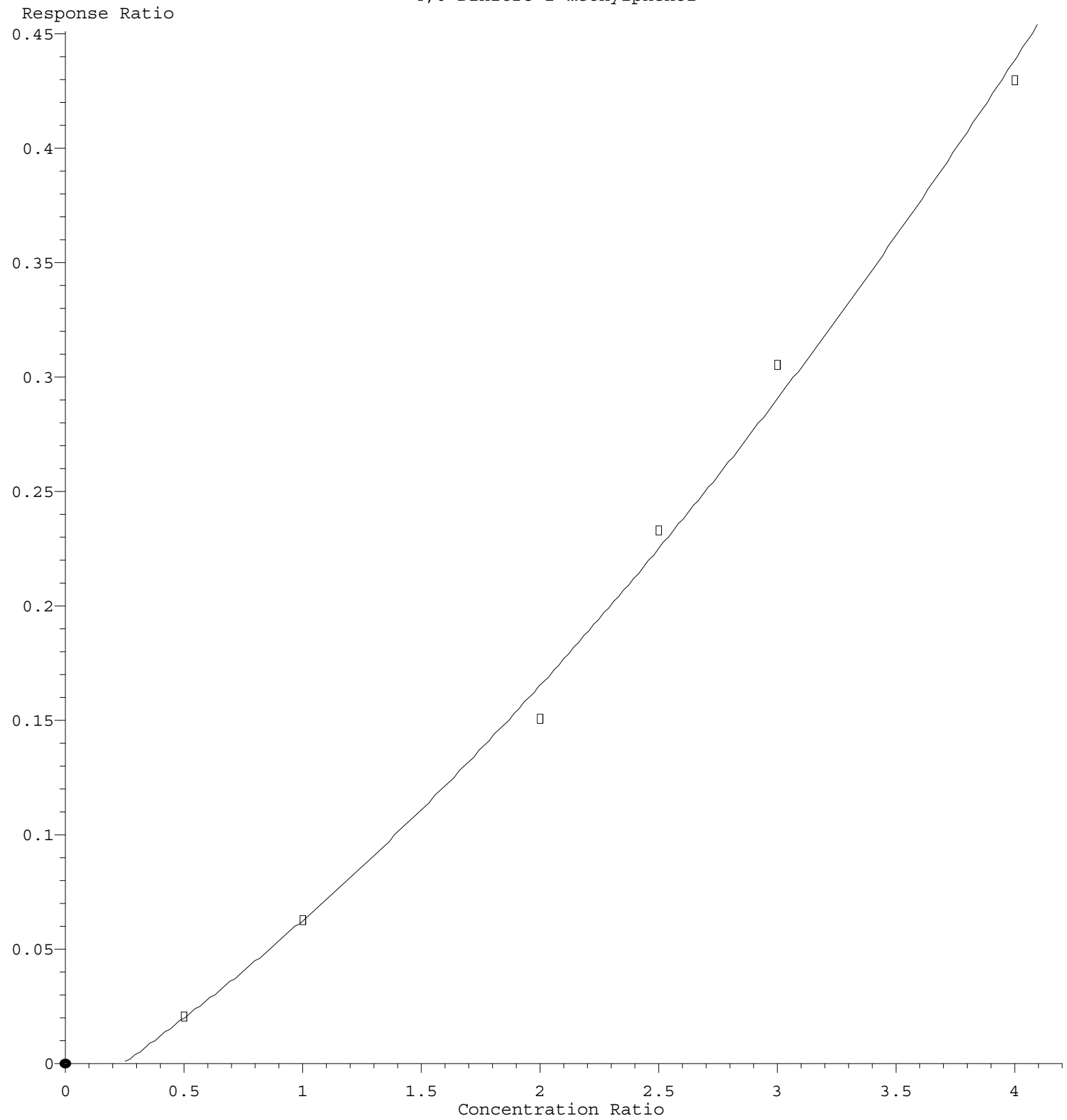


R = 2.317e-002 A*A + 5.829e-002 A - 4.826e-003
Coef of Det (r^2) = 0.998598 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025



Response = 4.472e-001 * Amt - 7.278e-002
Coef of Det (r^2) = 0.997623 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025

4,6-Dinitro-2-methylphenol



R = 1.136e-002 A*A + 6.849e-002 A - 1.722e-002
Coef of Det (r^2) = 0.996451 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP080525.M
Calibration Table Last Updated: Wed Aug 06 06:41:44 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025298.D
Acq On : 05 Aug 2025 12:03
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 06 05:58:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	172992	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	722061	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	469671	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	927131	20.000	ng	-0.01
76) Chrysene-d12	21.660	240	1039870	20.000	ng	0.00
86) Perylene-d12	25.036	264	1150516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	51334	4.742	ng	-0.01
7) Phenol-d6	6.949	99	66396	4.649	ng	-0.02
23) Nitrobenzene-d5	8.931	82	54242	4.064	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	17694	3.649	ng	-0.01
45) 2-Fluorobiphenyl	13.025	172	176352	5.214	ng	0.00
79) Terphenyl-d14	19.942	244	275667	5.008	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.584	70	21391	2.300	ng	96

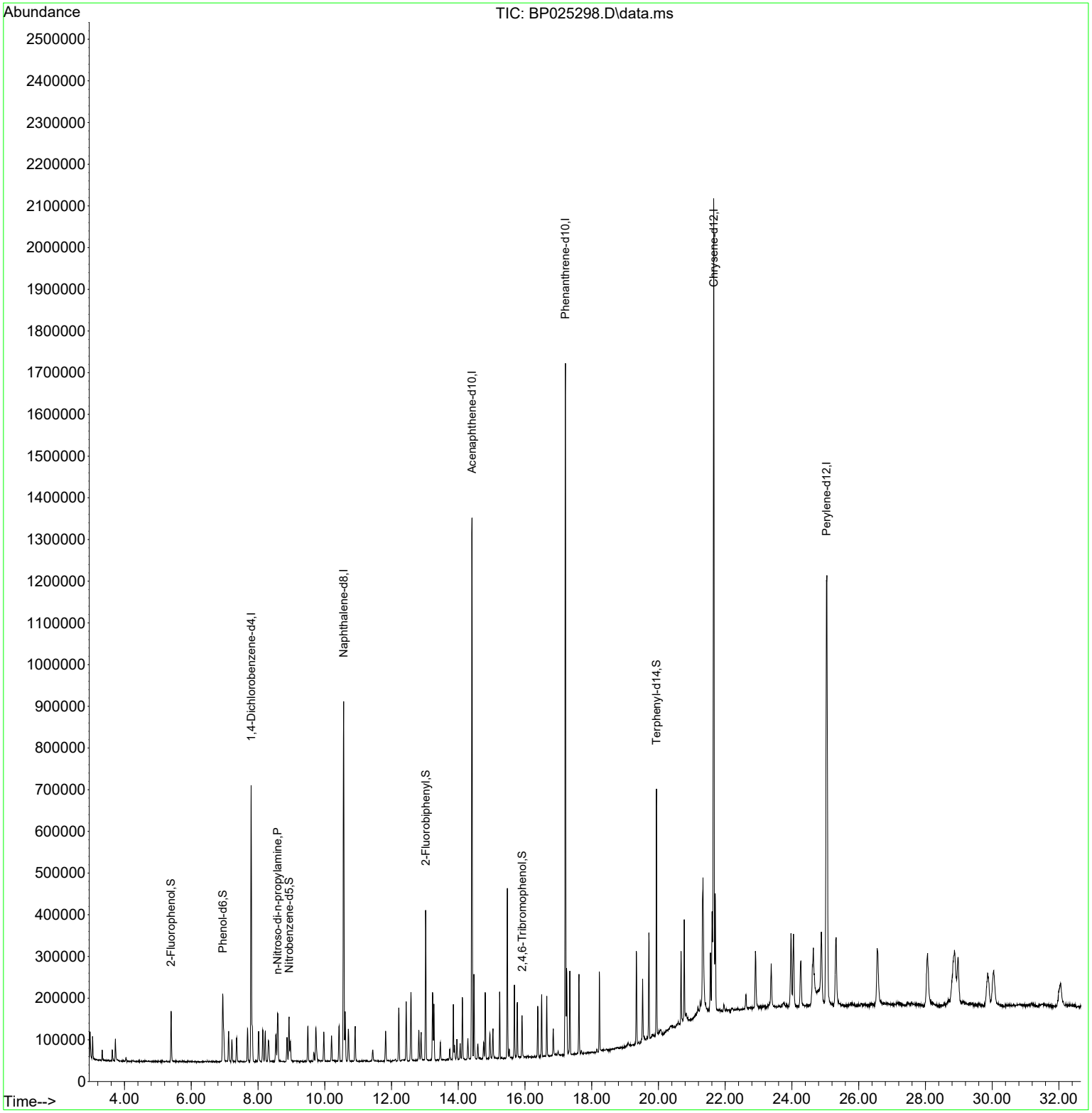
(#) = qualifier out of range (m) = manual integration (+) = signals summed

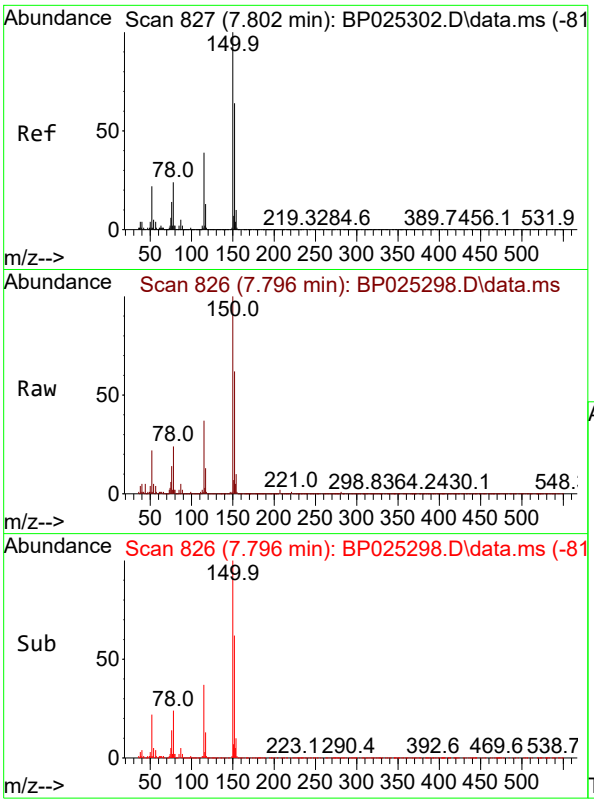
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025298.D
Acq On : 05 Aug 2025 12:03
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 06 05:58:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration



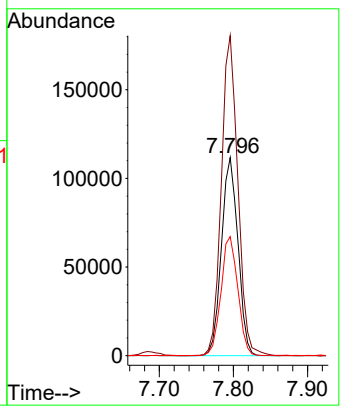


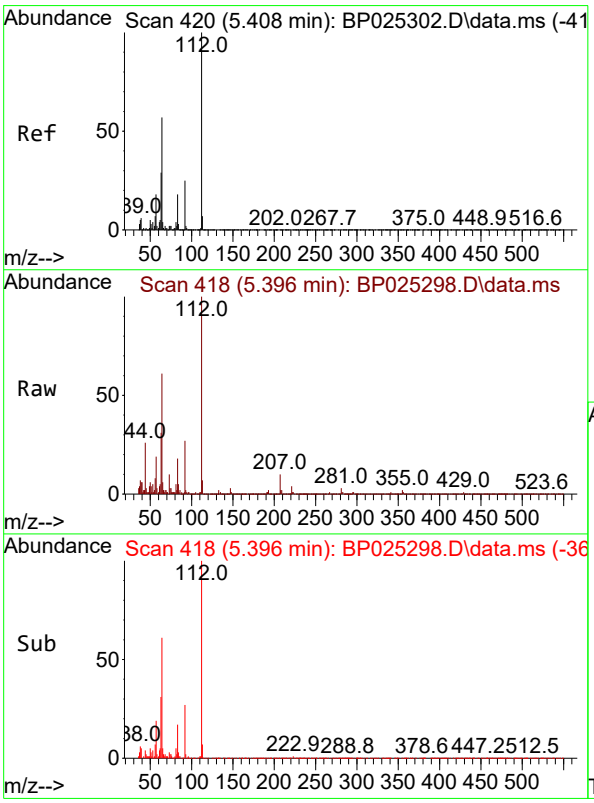
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 172992

Ion	Ratio	Lower	Upper
152	100		
150	161.6	125.1	187.7
115	60.1	48.4	72.6

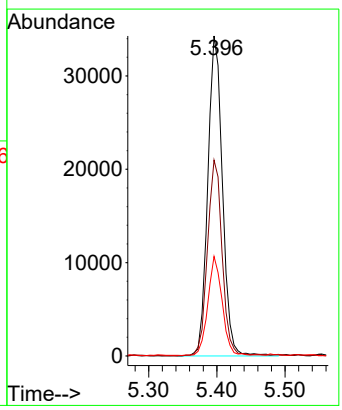


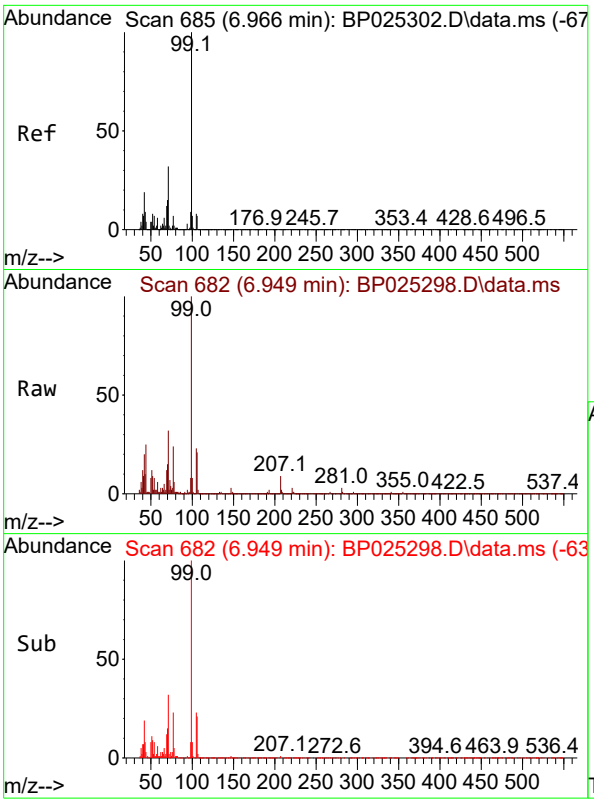


#5
2-Fluorophenol
Concen: 4.742 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion:112 Resp: 51334

Ion	Ratio	Lower	Upper
112	100		
64	61.2	45.3	67.9
63	31.1	23.0	34.6



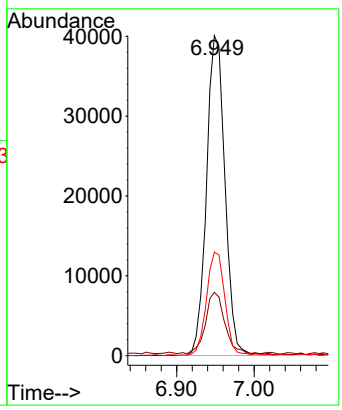


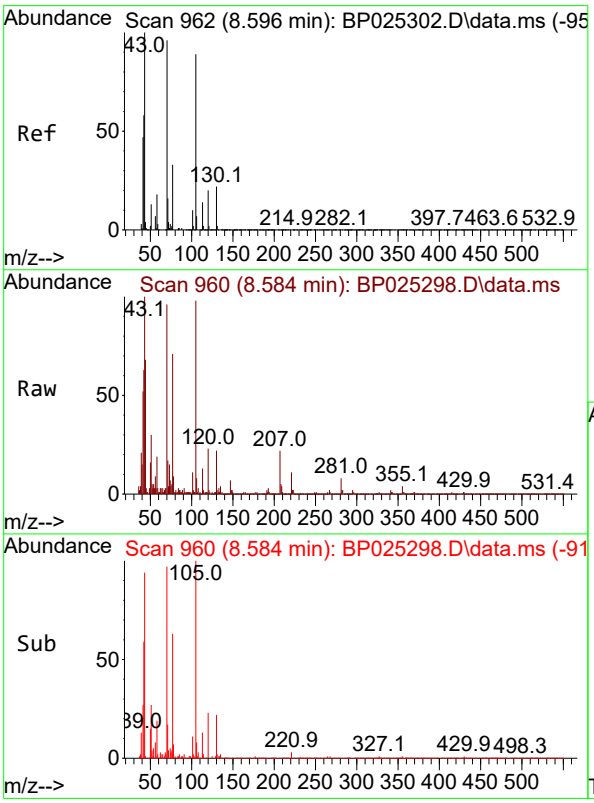
#7
Phenol-d6
Concen: 4.649 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.017 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99 Resp: 66396

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.0	22.6
71	32.3	25.5	38.3

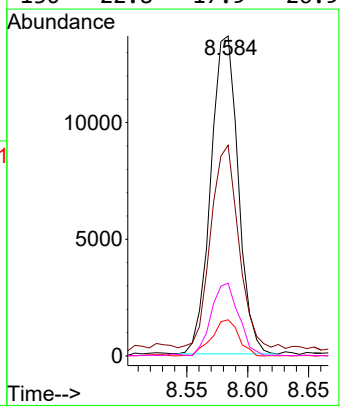


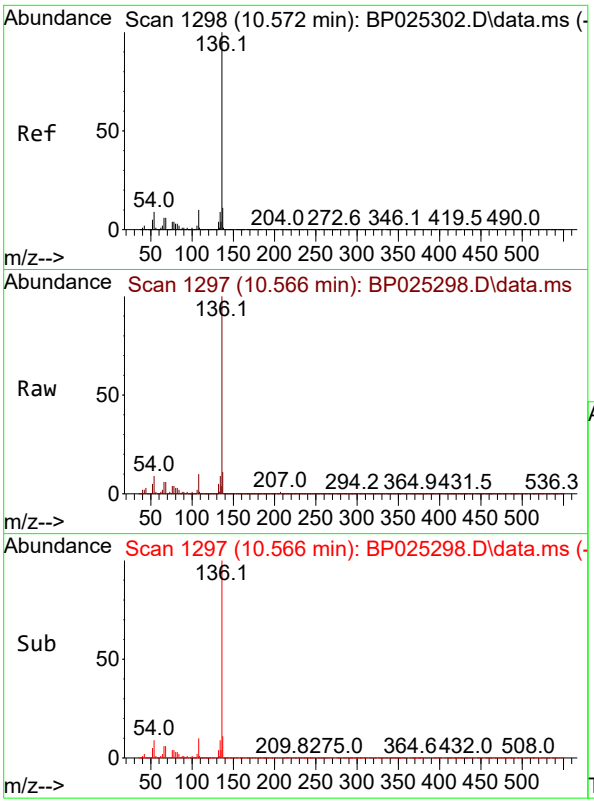


#19
n-Nitroso-di-n-propylamine
Concen: 2.300 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion: 70 Resp: 21391

Ion	Ratio	Lower	Upper
70	100		
42	65.9	49.4	74.0
101	11.3	7.9	11.9
130	22.8	17.9	26.9



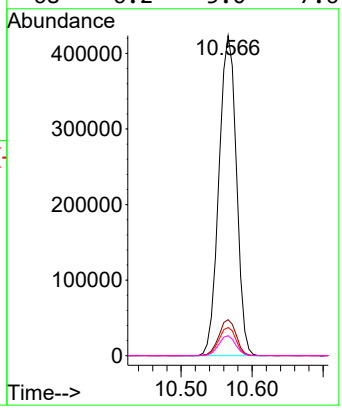


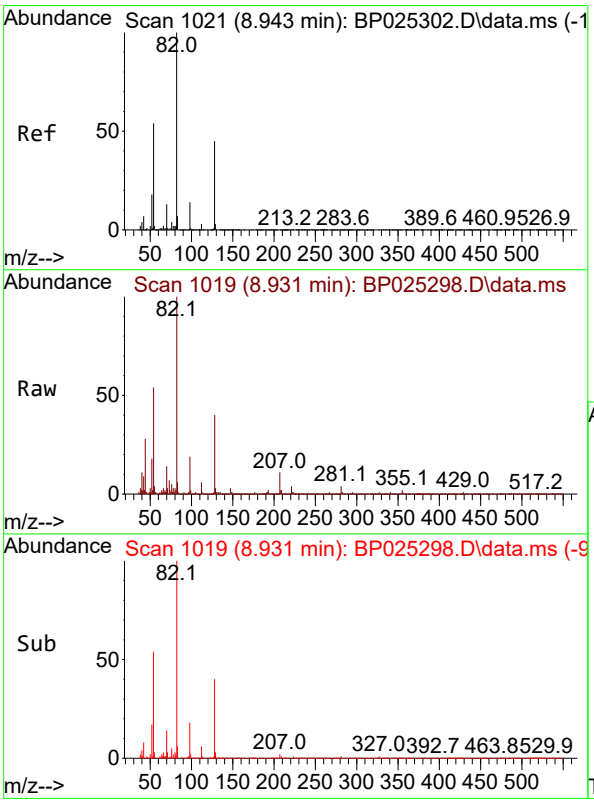
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 722061

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	7.0	10.6
68	6.2	5.0	7.6

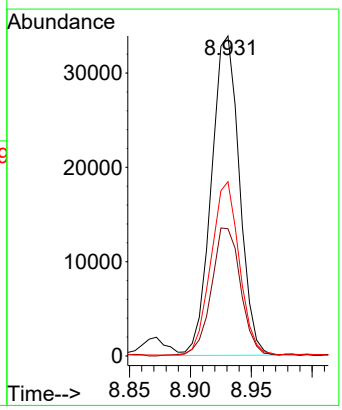


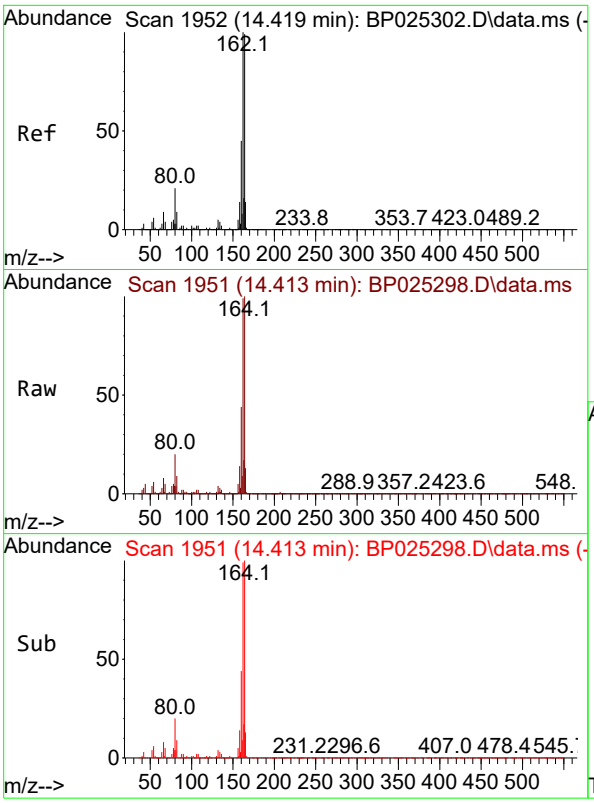


#23
Nitrobenzene-d5
Concen: 4.064 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion: 82 Resp: 54242

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.4	53.2
54	54.5	42.9	64.3



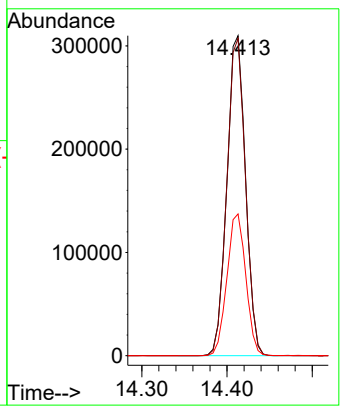


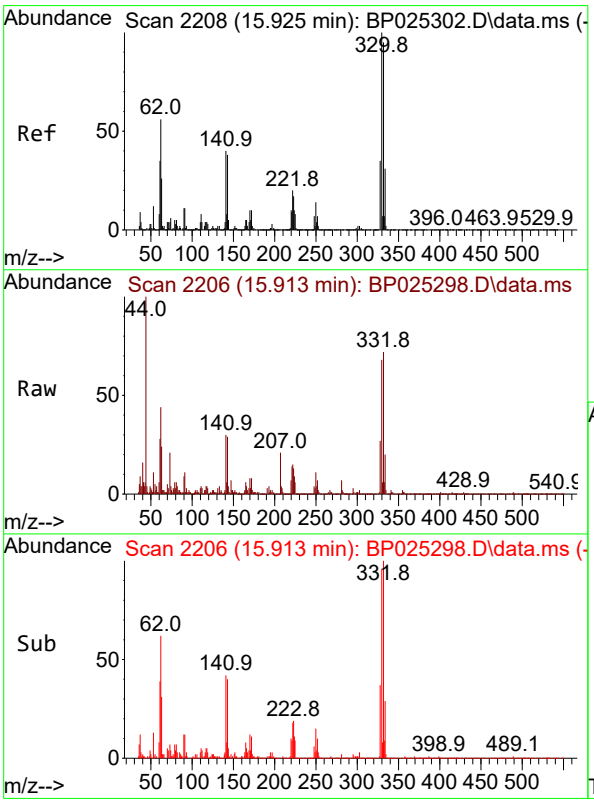
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 469671

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.6	120.8
160	44.3	35.9	53.9

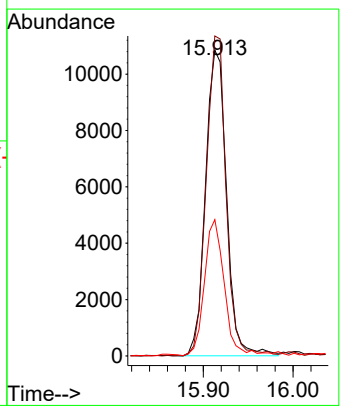


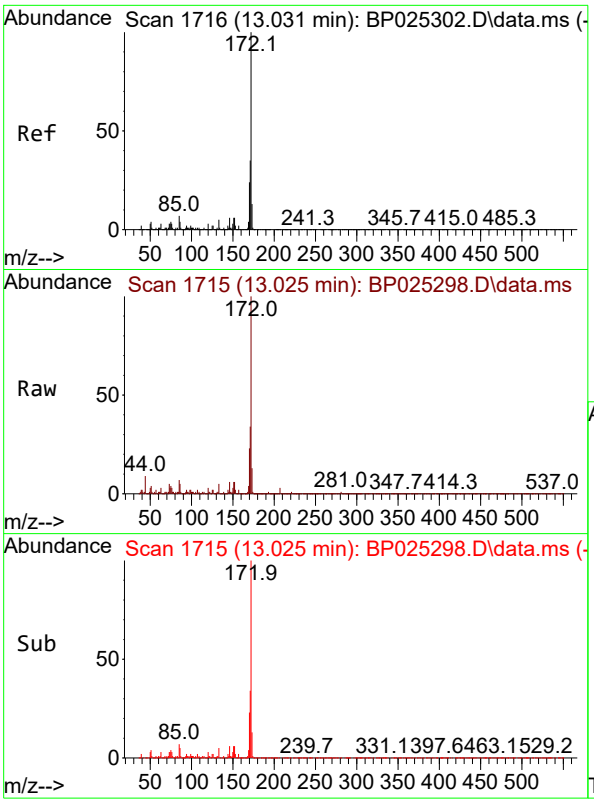


#42
2,4,6-Tribromophenol
Concen: 3.649 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion:330 Resp: 17694

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.0
141	41.6	31.7	47.5



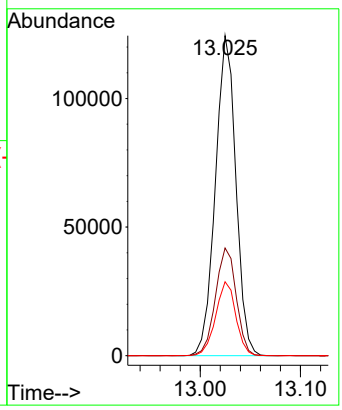


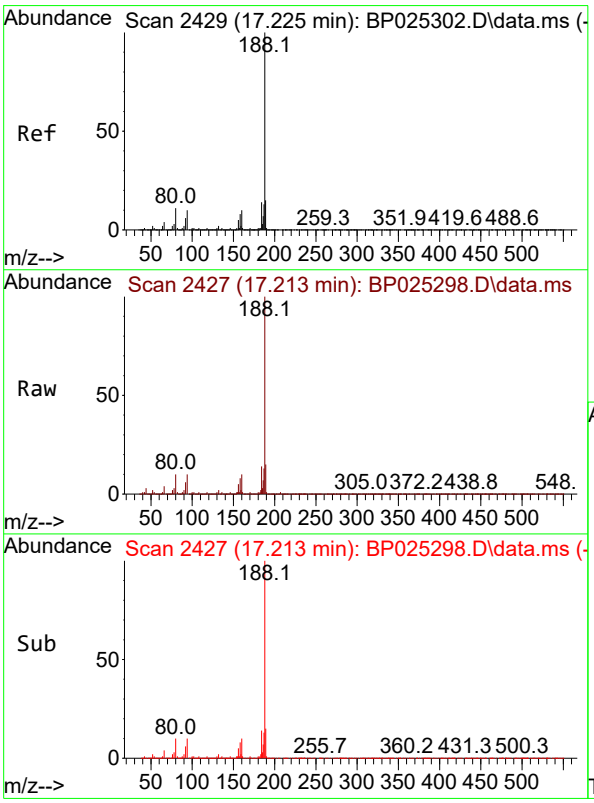
#45
2-Fluorobiphenyl
Concen: 5.214 ng
RT: 13.025 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:172 Resp: 176352

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.9	41.9
170	23.1	18.9	28.3

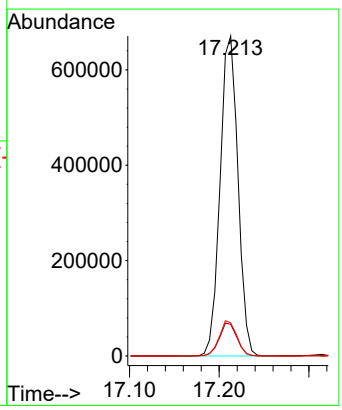


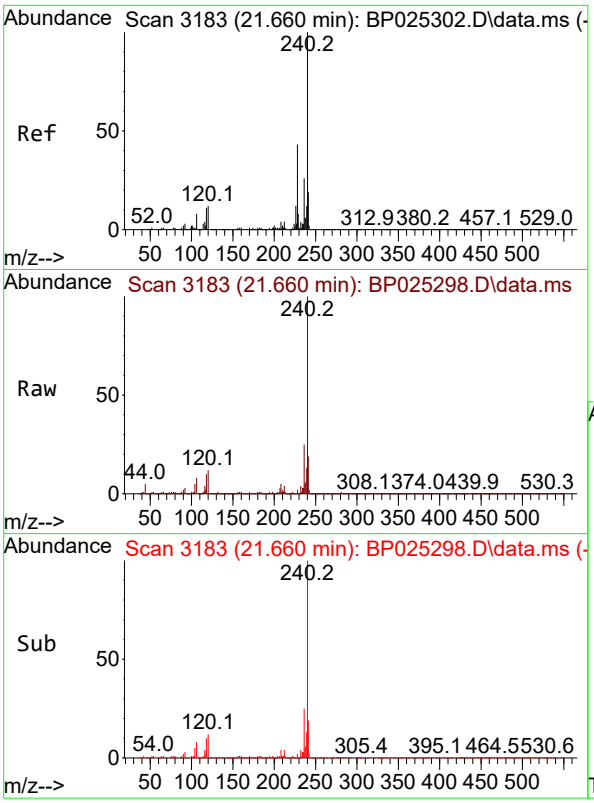


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion:188 Resp: 927131

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.4	8.5	12.7



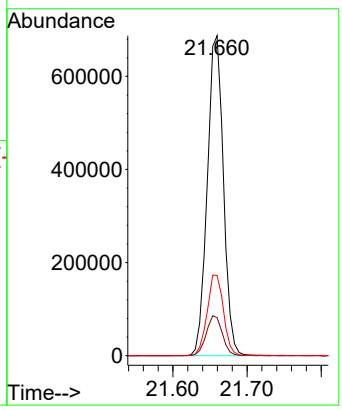


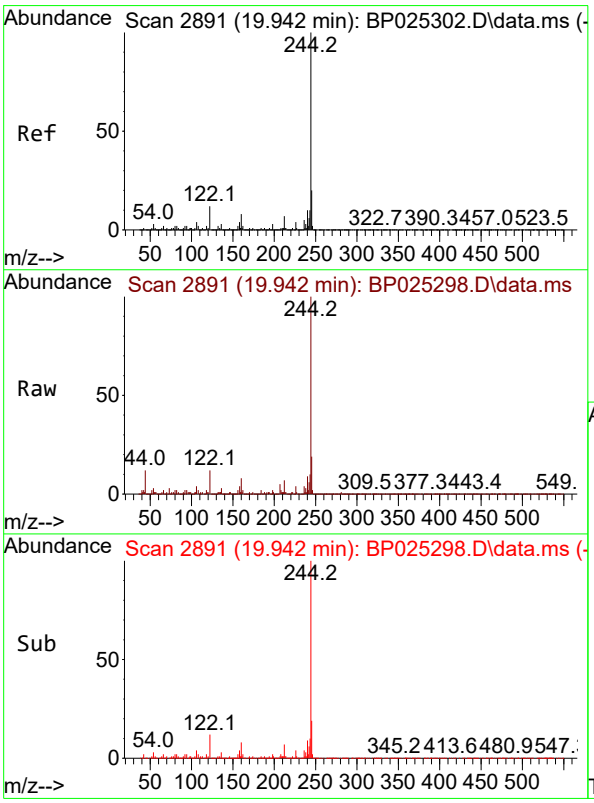
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1039870

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	25.1	20.4	30.6

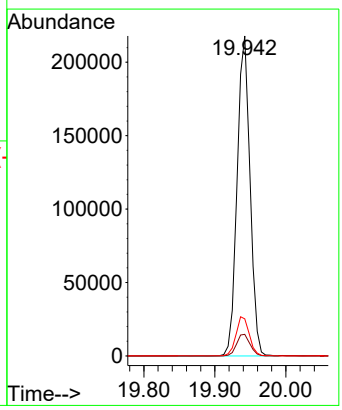


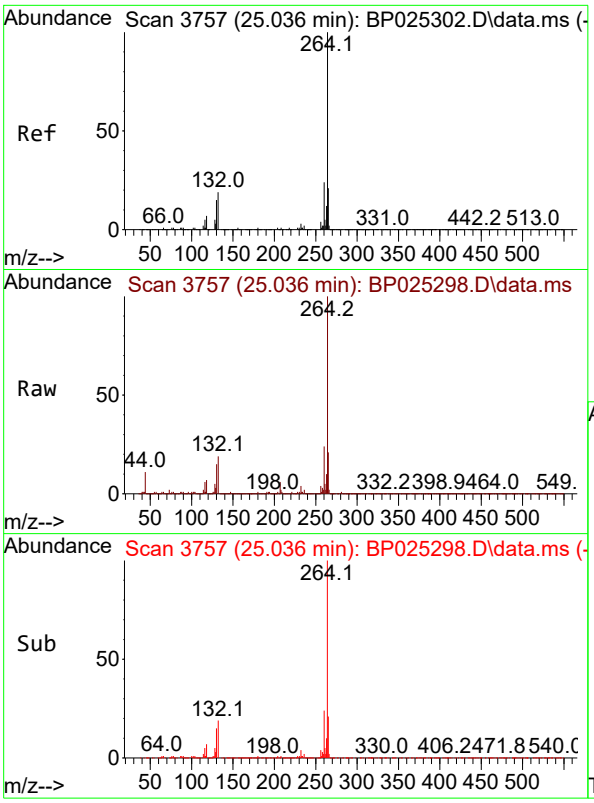


#79
Terphenyl-d14
Concen: 5.008 ng
RT: 19.942 min Scan# 2891
Delta R.T. 0.000 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Tgt Ion:244 Resp: 275667

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	11.6	9.5	14.3



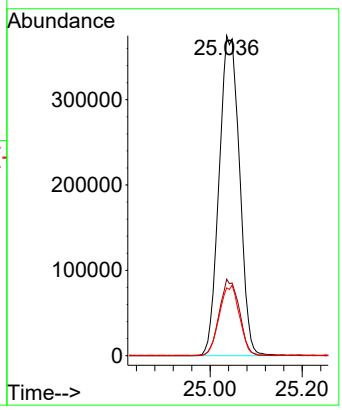


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025298.D
Acq: 05 Aug 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1150516

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.1	25.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025299.D
Acq On : 05 Aug 2025 12:44
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 05:59:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	160859	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	694615	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	469306	20.000	ng		-0.01
64) Phenanthrene-d10	17.207	188	965802	20.000	ng		-0.02
76) Chrysene-d12	21.660	240	1018856	20.000	ng		0.00
86) Perylene-d12	25.036	264	1088697	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	100387	9.973	ng		0.00
7) Phenol-d6	6.955	99	127649	9.613	ng		-0.01
23) Nitrobenzene-d5	8.931	82	112678	8.777	ng		-0.01
42) 2,4,6-Tribromophenol	15.919	330	40199	8.296	ng		0.00
45) 2-Fluorobiphenyl	13.025	172	363946	10.769	ng		0.00
79) Terphenyl-d14	19.930	244	580916	10.771	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	21535	5.456	ng		94
3) Pyridine	3.725	79	55019	5.017	ng		97
6) Aniline	7.125	93	87740	4.856	ng		98
8) 2-Chlorophenol	7.366	128	50305	4.595	ng		98
10) Phenol	6.984	94	68139	4.838	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	55859	5.062	ng		99
12) 1,3-Dichlorobenzene	7.696	146	63992	5.202	ng		98
13) 1,4-Dichlorobenzene	7.837	146	64858	5.212	ng		99
14) 1,2-Dichlorobenzene	8.149	146	62802	5.209	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	91371	5.242	ng		97
17) 2-Methylphenol	8.219	107	43943	4.663	ng		99
18) Hexachloroethane	8.872	117	22659	5.091	ng		99
19) n-Nitroso-di-n-propyla...	8.590	70	44357	5.129	ng		95
22) Acetophenone	8.602	105	91026	5.220	ng	#	99
24) Nitrobenzene	8.972	77	54037	4.553	ng		95
25) Isophorone	9.502	82	126178	5.056	ng		100
26) 2-Nitrophenol	9.684	139	14308	6.196	ng		96
27) 2,4-Dimethylphenol	9.743	122	65928	5.730	ng		98
28) bis(2-Chloroethoxy)met...	9.978	93	79327	5.225	ng		99
29) 2,4-Dichlorophenol	10.213	162	43275	4.296	ng		97
30) 1,2,4-Trichlorobenzene	10.431	180	56908	5.120	ng		95
31) Naphthalene	10.619	128	189737	5.262	ng		98
33) 4-Chloroaniline	10.713	127	77884	4.856	ng		97
34) Hexachlorobutadiene	10.913	225	33118	5.191	ng		96
36) 4-Chloro-3-methylphenol	11.825	107	53910	4.625	ng		96
37) 2-Methylnaphthalene	12.225	142	120994	5.184	ng		98
38) 1-Methylnaphthalene	12.443	142	128838	5.290	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	64686	5.049	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	32753	3.957	ng		98
44) 2,4,5-Trichlorophenol	12.895	196	36376	3.918	ng		98
46) 1,1'-Biphenyl	13.237	154	178122	5.150	ng		99
47) 2-Chloronaphthalene	13.278	162	133568	5.062	ng		98
48) 2-Nitroaniline	13.466	65	21912	5.624	ng		98
49) Acenaphthylene	14.125	152	218072	4.955	ng		99
50) Dimethylphthalate	13.860	163	178572	5.220	ng		100
51) 2,6-Dinitrotoluene	13.972	165	20906	3.313	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025299.D
Acq On : 05 Aug 2025 12:44
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 05:59:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.472	154	136584	5.088	ng		99
53) 3-Nitroaniline	14.295	138	25435	3.445	ng	#	96
55) Dibenzofuran	14.813	168	211708	5.277	ng		100
57) 2,4-Dinitrotoluene	14.760	165	24944	5.632	ng	#	93
58) Fluorene	15.472	166	175964	5.584	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.037	232	30755m	3.942	ng		
60) Diethylphthalate	15.248	149	178152	5.165	ng		100
61) 4-Chlorophenyl-phenyle...	15.466	204	84717	5.671	ng		98
62) 4-Nitroaniline	15.466	138	26612	3.637	ng		93
63) Azobenzene	15.766	77	165659	5.170	ng		97
66) n-Nitrosodiphenylamine	15.684	169	146252	4.973	ng		98
67) 4-Bromophenyl-phenylether	16.384	248	48376	4.978	ng		89
68) Hexachlorobenzene	16.495	284	56081	5.143	ng		97
69) Atrazine	16.660	200	48622	4.702	ng		99
71) Phenanthrene	17.254	178	280407	5.301	ng		99
72) Anthracene	17.348	178	266474	4.996	ng		99
73) Carbazole	17.619	167	256385	5.008	ng		99
74) Di-n-butylphthalate	18.225	149	289176	4.669	ng		99
75) Fluoranthene	19.336	202	318877	5.207	ng		99
78) Pyrene	19.713	202	336486	4.966	ng		100
80) Butylbenzylphthalate	20.677	149	101682	3.701	ng		100
81) Benzo(a)anthracene	21.636	228	342927	5.065	ng		99
83) Chrysene	21.707	228	320171	5.098	ng		100
84) Bis(2-ethylhexyl)phtha...	21.607	149	187300	4.269	ng		100
87) Indeno(1,2,3-cd)pyrene	28.865	276	373927m	4.785	ng		
88) Benzo(b)fluoranthene	23.960	252	321726	4.937	ng		99
89) Benzo(k)fluoranthene	24.030	252	324095	5.016	ng		99
90) Benzo(a)pyrene	24.860	252	303778	4.840	ng		99
91) Dibenzo(a,h)anthracene	28.959	278	308846	4.833	ng		99
92) Benzo(g,h,i)perylene	30.042	276	306565	4.886	ng		98

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

ICAL Form

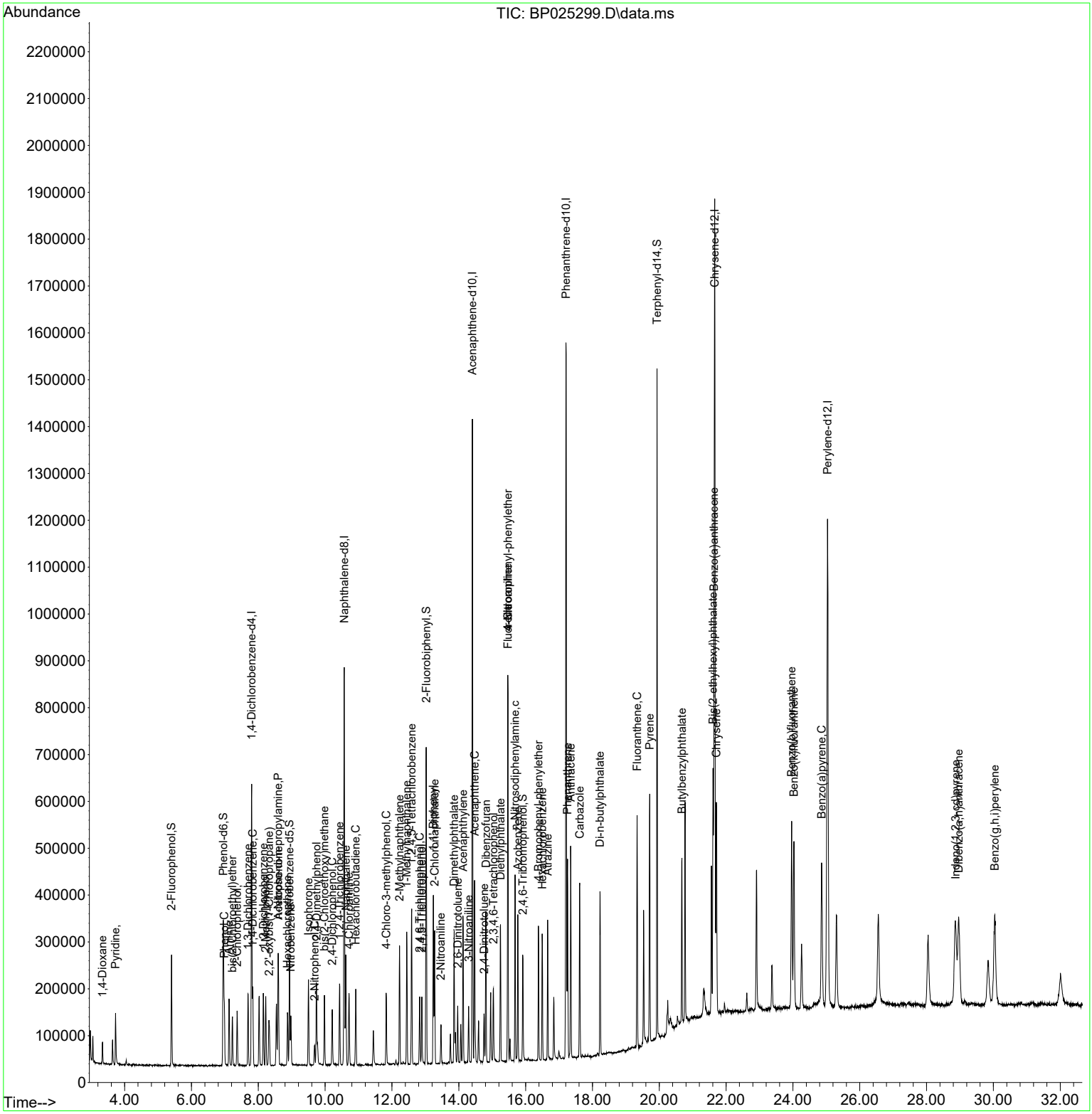
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025299.D
Acq On : 05 Aug 2025 12:44
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

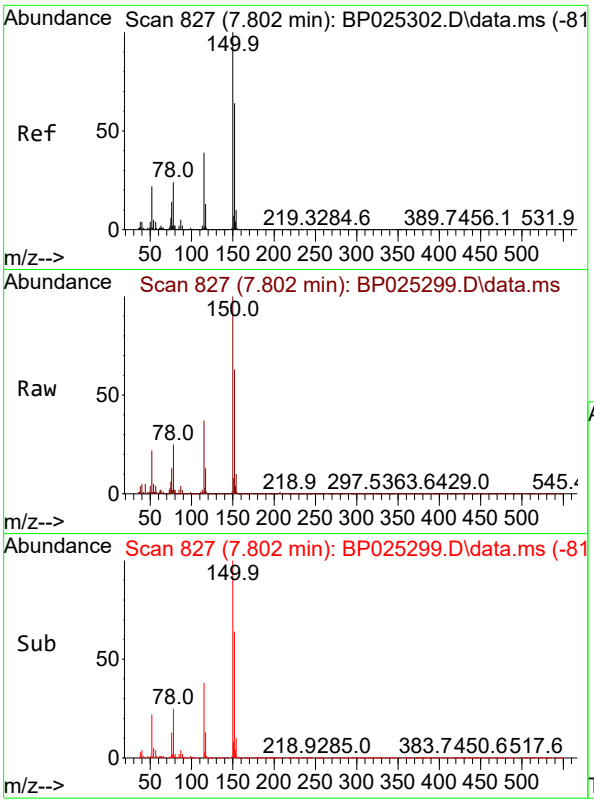
Quant Time: Aug 06 05:59:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

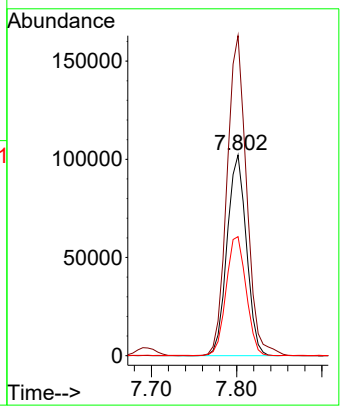




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:152 Resp: 16085

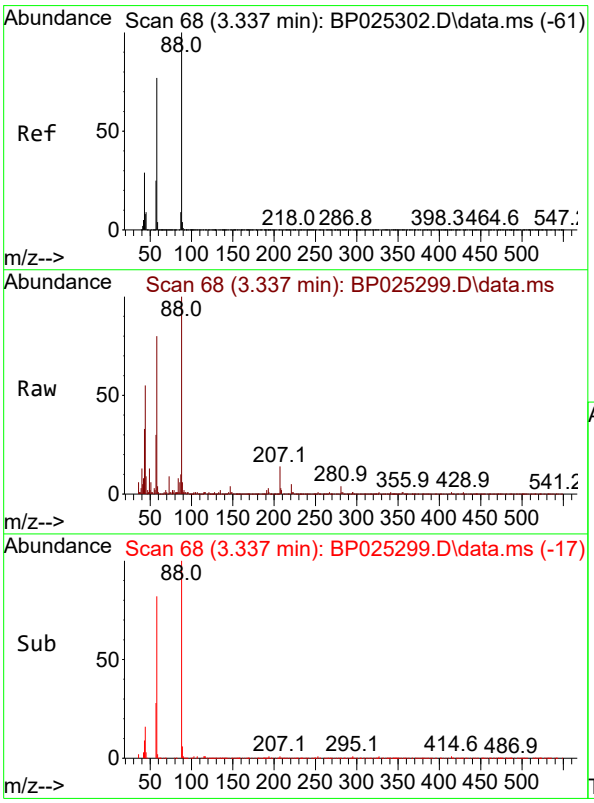
Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.1	187.7
115	59.3	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

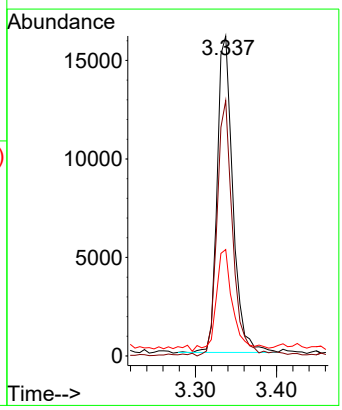
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

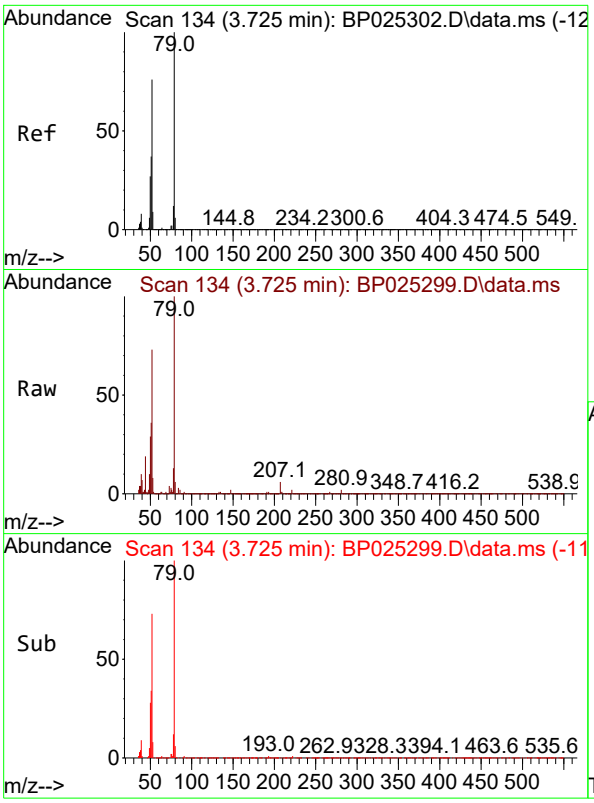


#2
1,4-Dioxane
Concen: 5.456 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 88 Resp: 21535

Ion	Ratio	Lower	Upper
88	100		
58	82.2	61.9	92.9
43	35.0	24.2	36.2

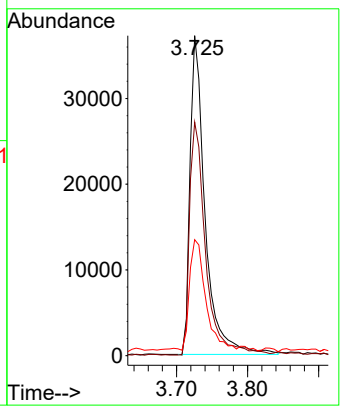




#3
Pyridine
Concen: 5.017 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 79 Resp: 5501

Ion	Ratio	Lower	Upper
79	100		
52	73.0	60.5	90.7
51	36.2	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
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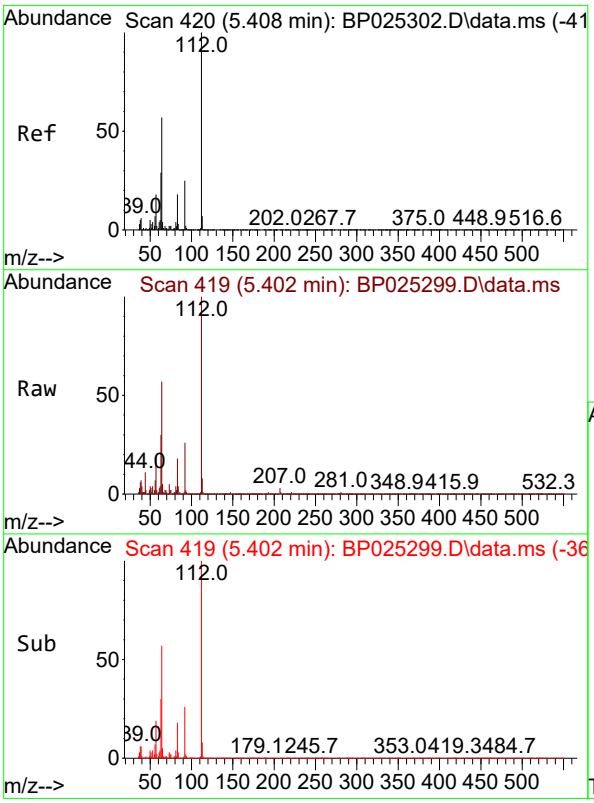
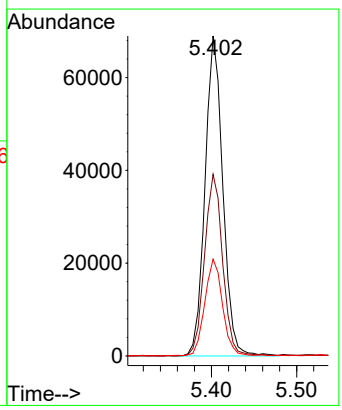
Supervised By :Jagrut Upadhyay 08/06/2025

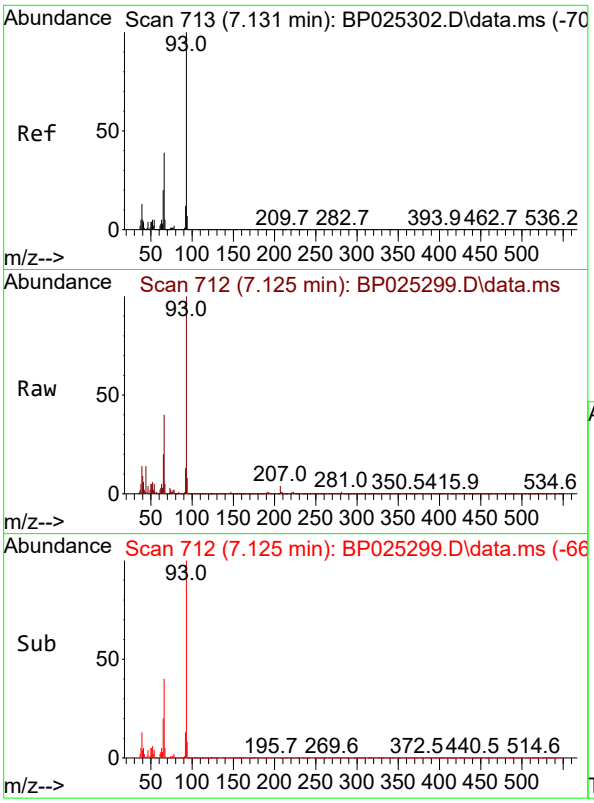


#5
2-Fluorophenol
Concen: 9.973 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:112 Resp: 100387

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.3	67.9
63	30.3	23.0	34.6

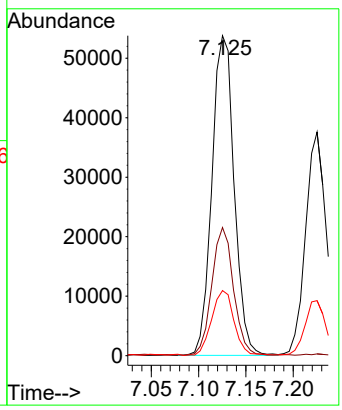




#6
Aniline
Concen: 4.856 ng
RT: 7.125 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 93 Resp: 8774

Ion	Ratio	Lower	Upper
93	100		
66	40.1	31.1	46.7
65	20.3	15.8	23.8



Instrument :
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ClientSampleId :
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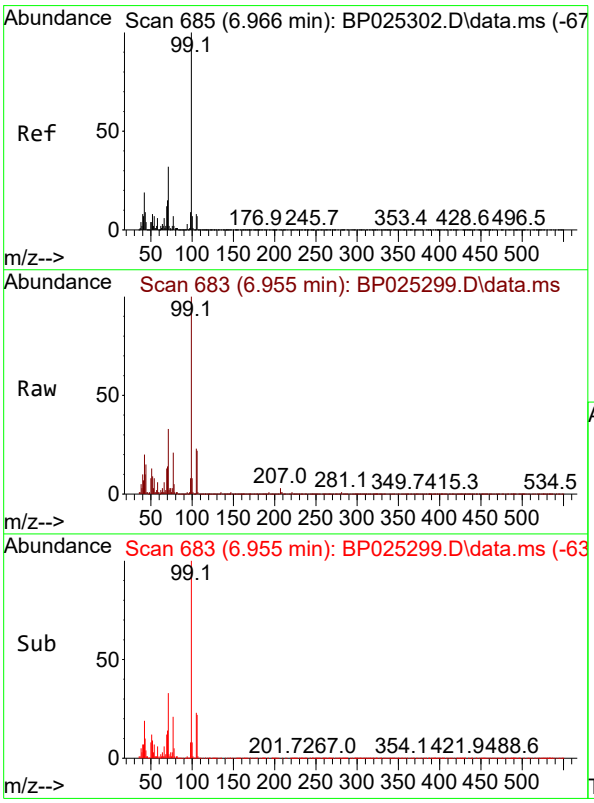
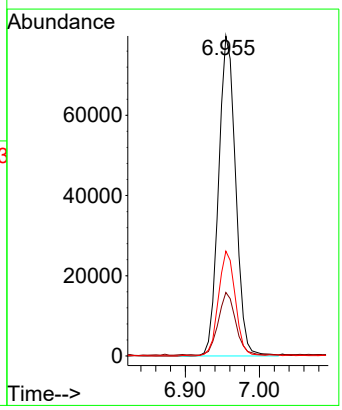
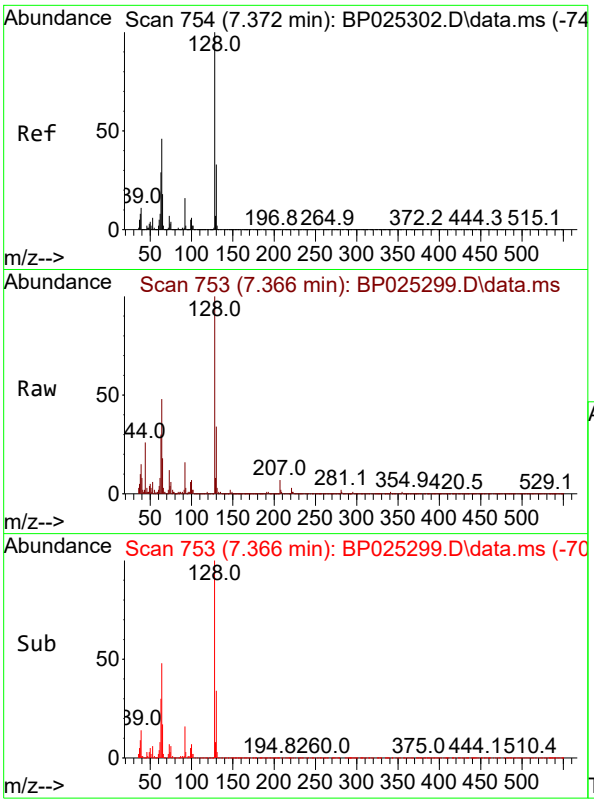


#7
Phenol-d6
Concen: 9.613 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 99 Resp: 127649

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.0	22.6
71	32.8	25.5	38.3

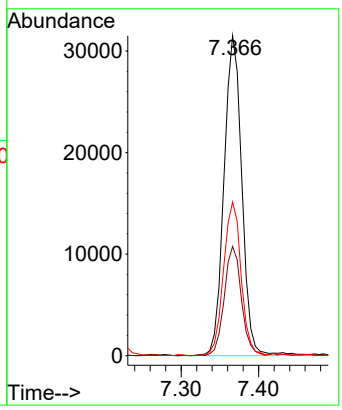




#8
2-Chlorophenol
Concen: 4.595 ng
RT: 7.366 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:128 Resp: 5030

Ion	Ratio	Lower	Upper
128	100		
130	34.2	13.1	53.1
64	48.0	26.1	66.1



Instrument :
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ClientSampleId :
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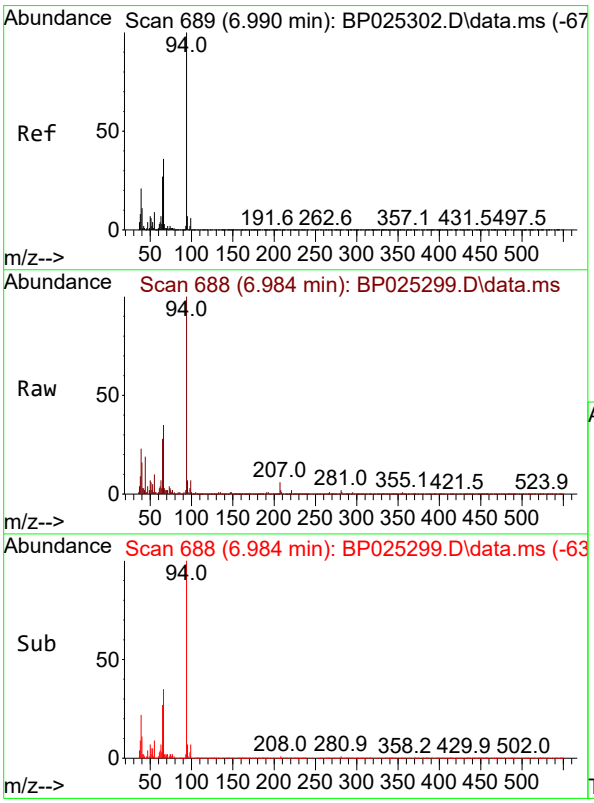
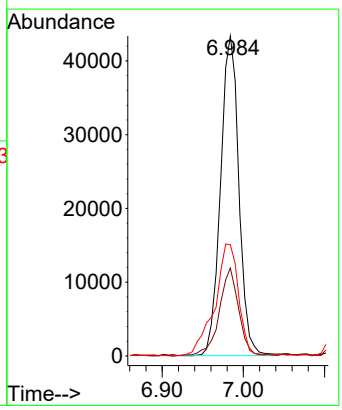
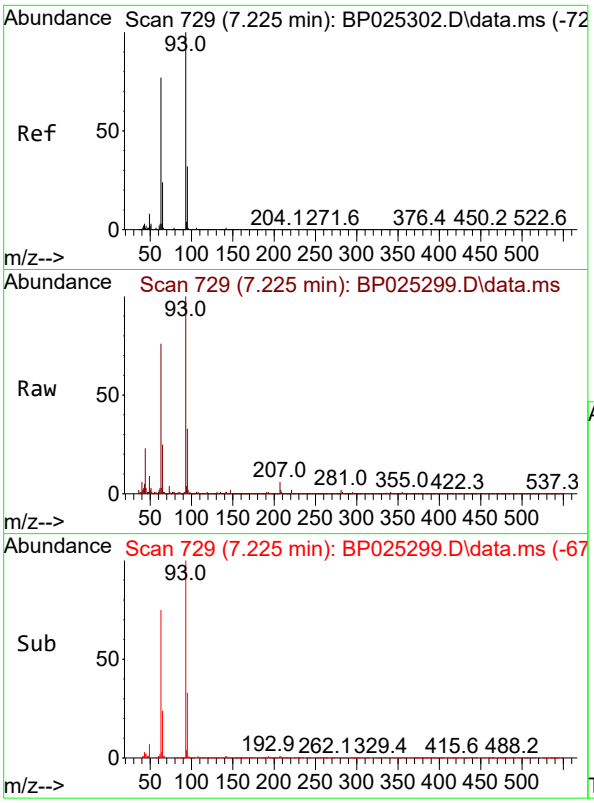


#10
Phenol
Concen: 4.838 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 94 Resp: 68139

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.3	47.3
66	34.8	15.7	55.7

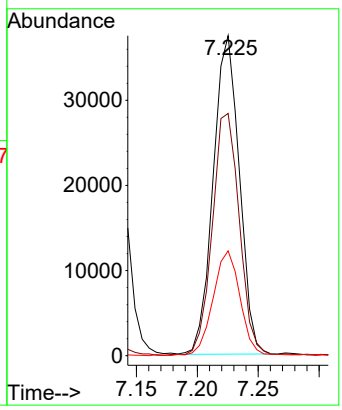




#11
bis(2-Chloroethyl)ether
Concen: 5.062 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 93 Resp: 5585

Ion	Ratio	Lower	Upper
93	100		
63	75.7	57.0	97.0
95	32.8	12.1	52.1



Instrument :
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ClientSampleId :
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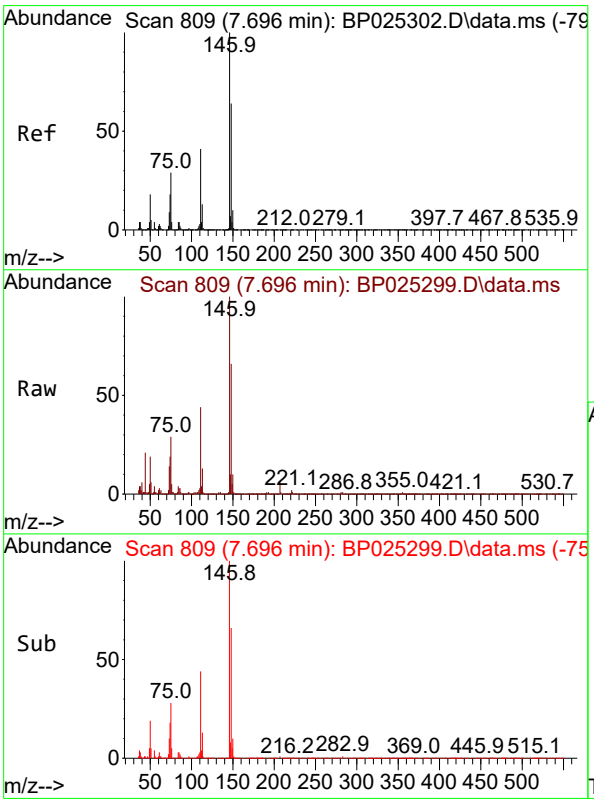
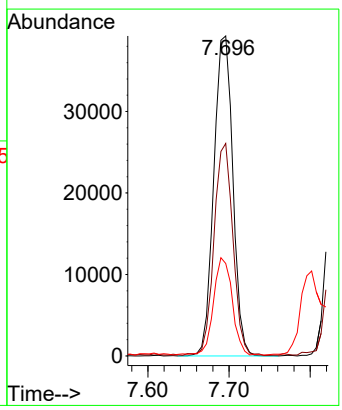
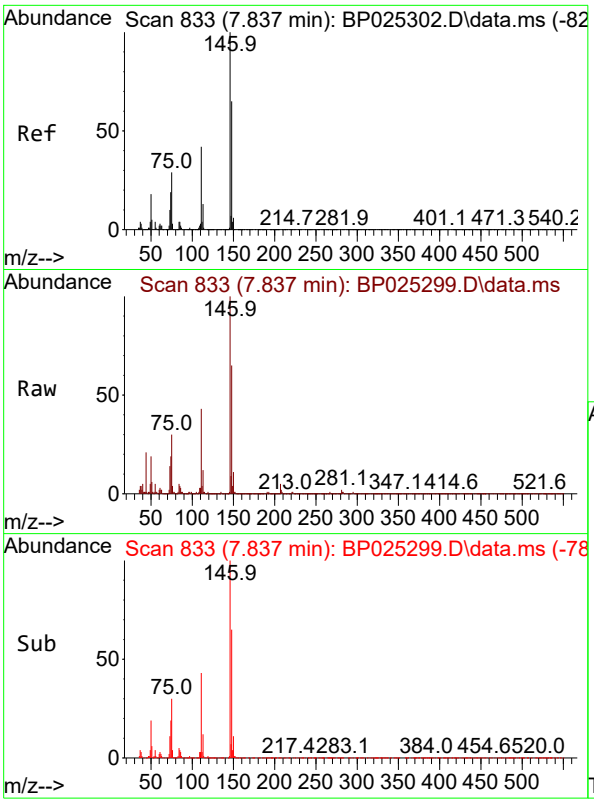


#12
1,3-Dichlorobenzene
Concen: 5.202 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:146 Resp: 63992

Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.1	76.7
75	28.9	23.2	34.8

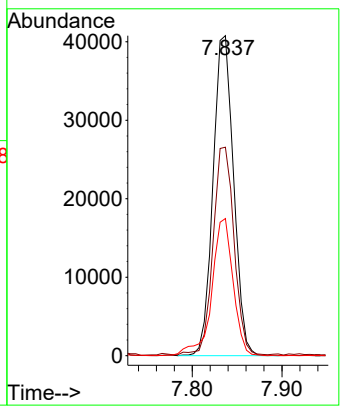




#13
1,4-Dichlorobenzene
Concen: 5.212 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:146 Resp: 6485

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.0	78.0
111	42.9	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
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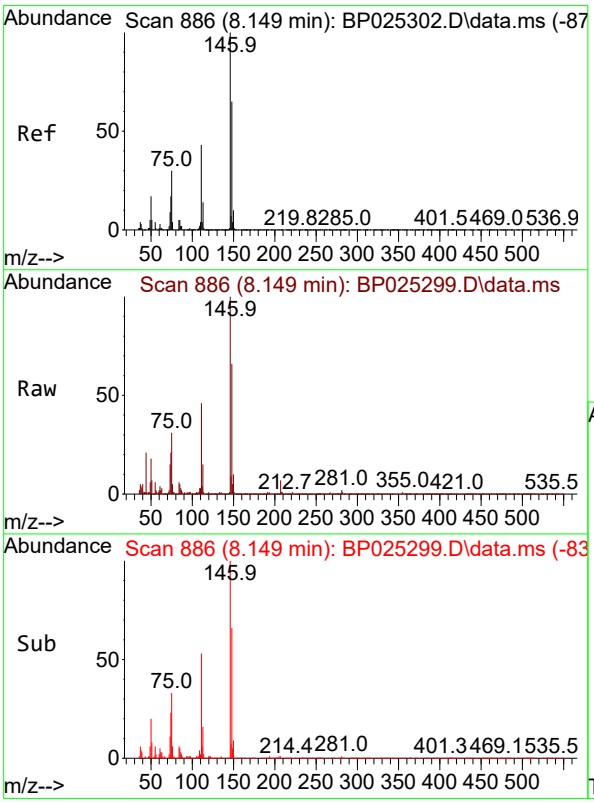
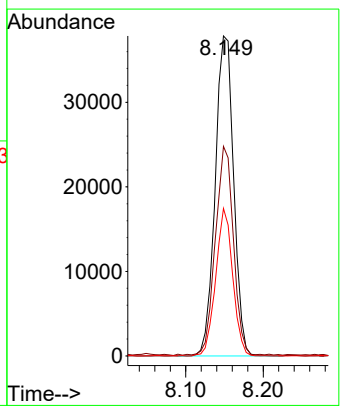
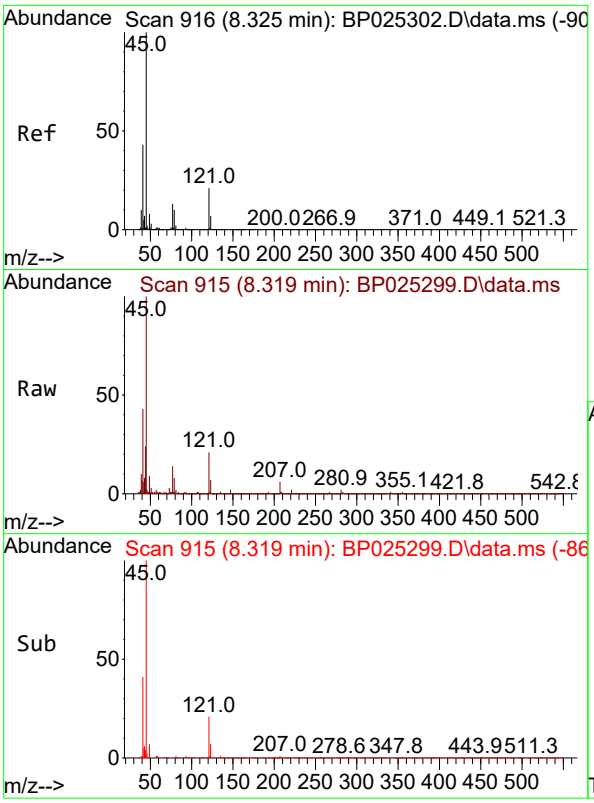


#14
1,2-Dichlorobenzene
Concen: 5.209 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:146 Resp: 62802

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	46.1	34.4	51.6

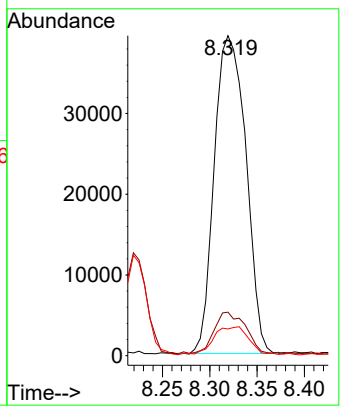




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.242 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 45 Resp: 9137

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.0
79	8.4	0.0	29.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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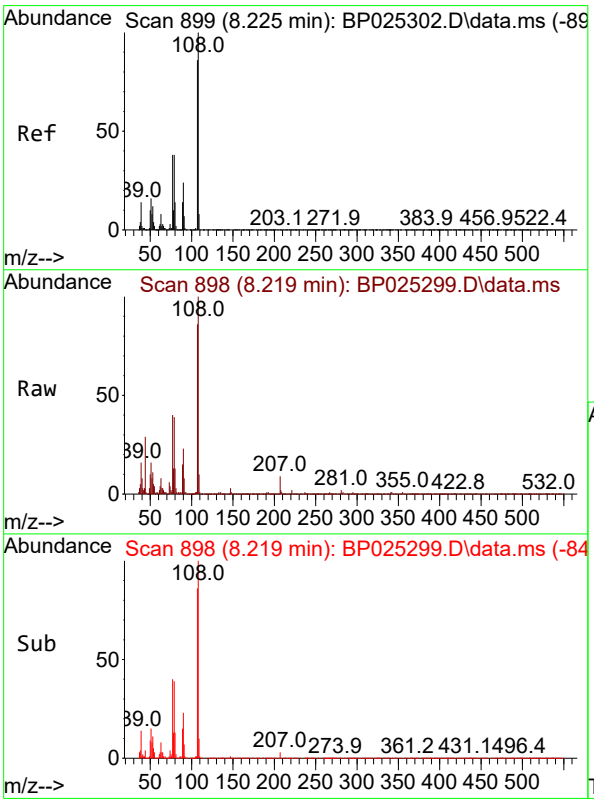
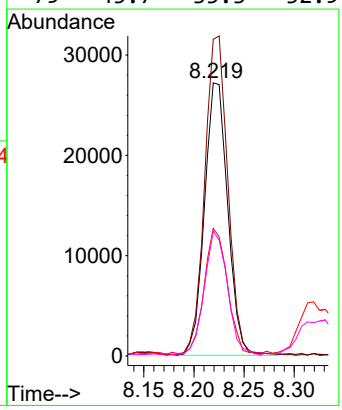
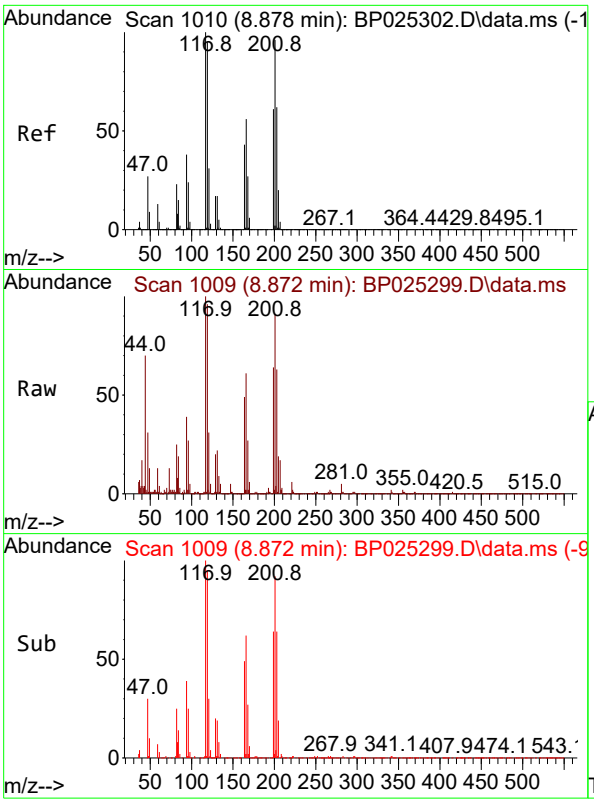


#17
2-Methylphenol
Concen: 4.663 ng
RT: 8.219 min Scan# 898
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:107 Resp: 43943

Ion	Ratio	Lower	Upper
107	100		
108	116.0	92.6	139.0
77	46.8	35.4	53.2
79	45.7	35.3	52.9

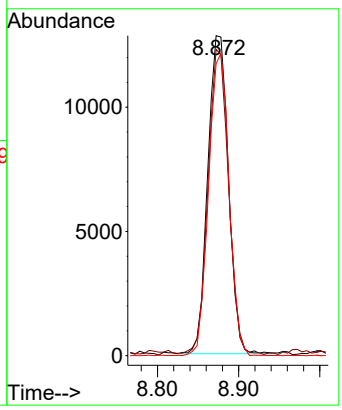




#18
Hexachloroethane
Concen: 5.091 ng
RT: 8.872 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:117 Resp: 2265

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	95.0	76.6	114.8



Instrument :
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ClientSampleId :
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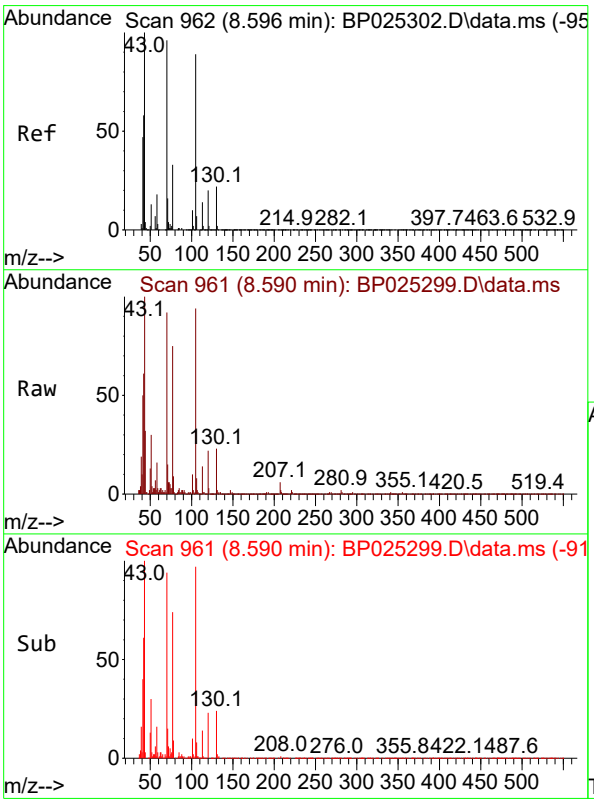
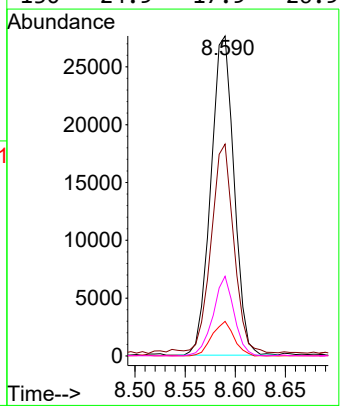
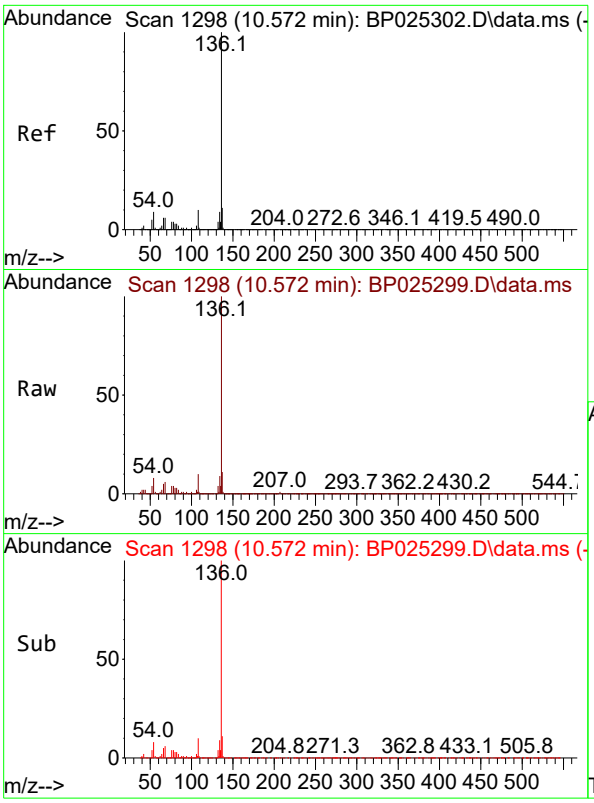


#19
n-Nitroso-di-n-propylamine
Concen: 5.129 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 70 Resp: 44357

Ion	Ratio	Lower	Upper
70	100		
42	66.2	49.4	74.0
101	10.8	7.9	11.9
130	24.9	17.9	26.9

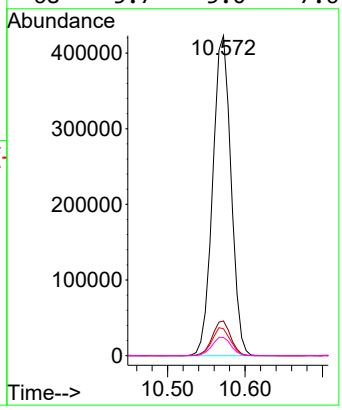




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:136 Resp: 69461

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	7.0	10.6
68	5.7	5.0	7.6



Instrument :
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ClientSampleId :
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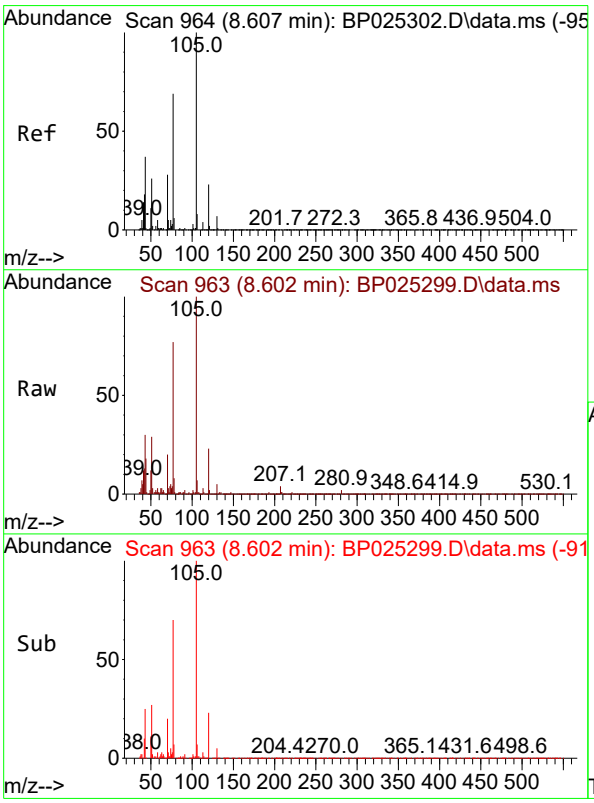
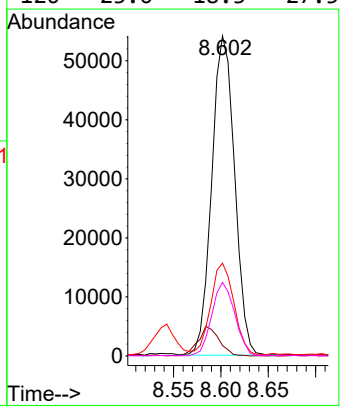
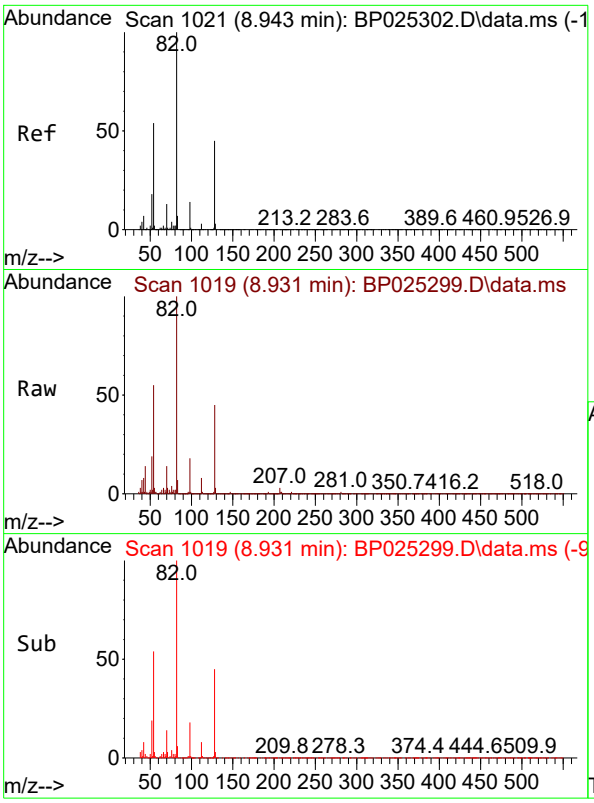


#22
Acetophenone
Concen: 5.220 ng
RT: 8.602 min Scan# 963
Delta R.T. -0.005 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:105 Resp: 91026

Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.1	6.1#
51	29.0	22.7	34.1
120	23.0	18.3	27.5

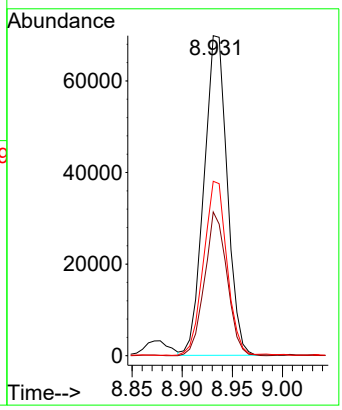




#23
Nitrobenzene-d5
Concen: 8.777 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 82 Resp: 11267

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.4	53.2
54	54.5	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
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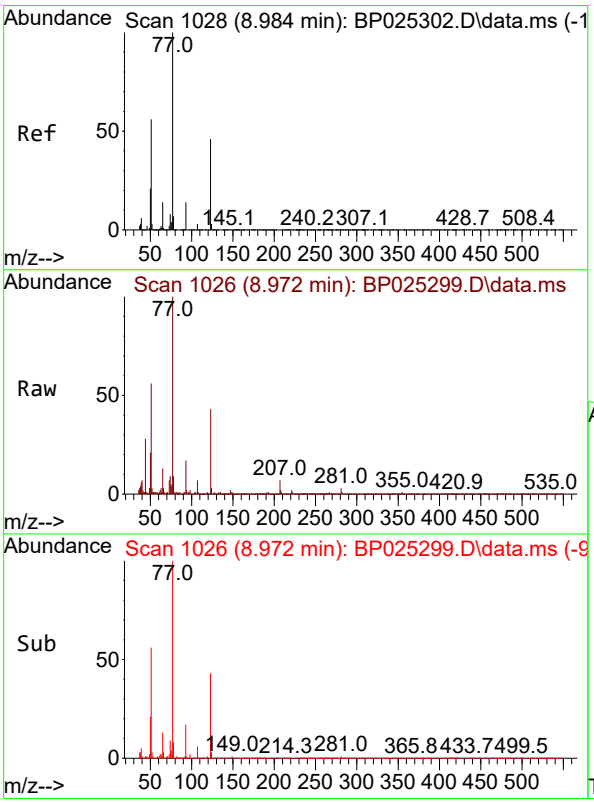
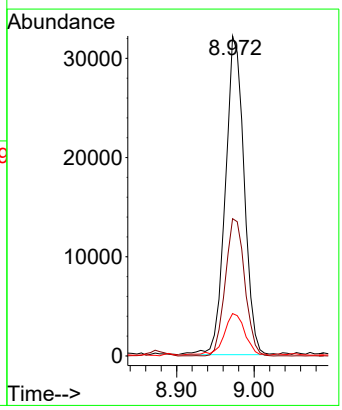
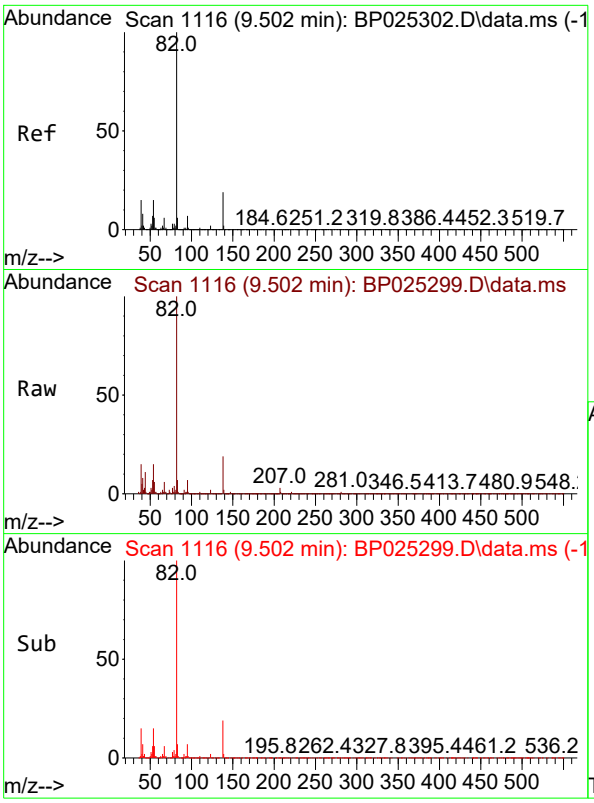


#24
Nitrobenzene
Concen: 4.553 ng
RT: 8.972 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 77 Resp: 54037

Ion	Ratio	Lower	Upper
77	100		
123	42.9	37.4	56.2
65	13.3	11.1	16.7

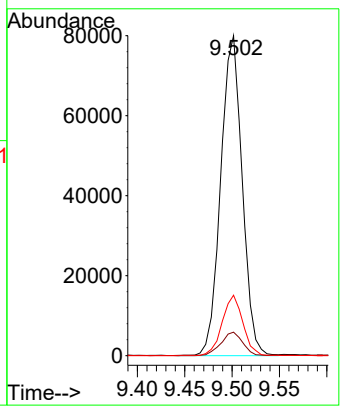




#25
Isophorone
Concen: 5.056 ng
RT: 9.502 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 82 Resp: 12617

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	18.9	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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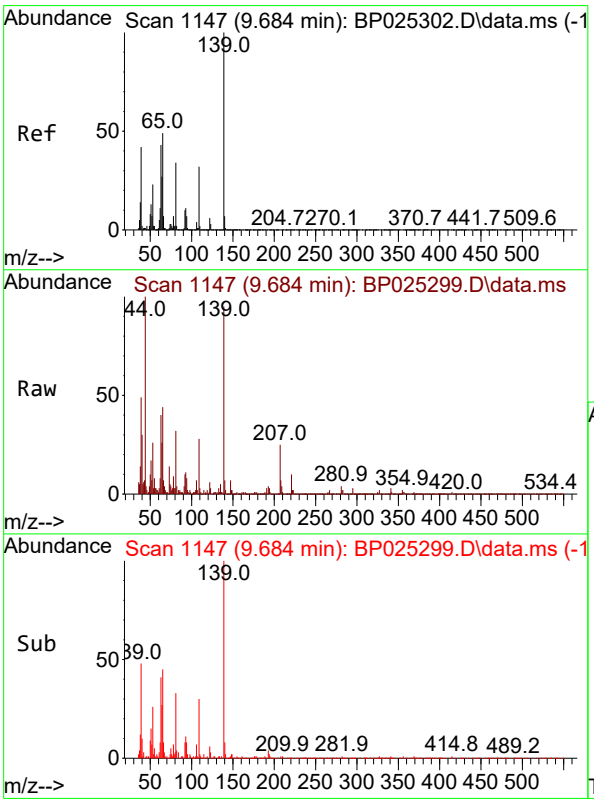
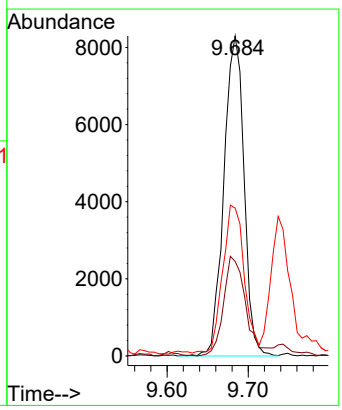
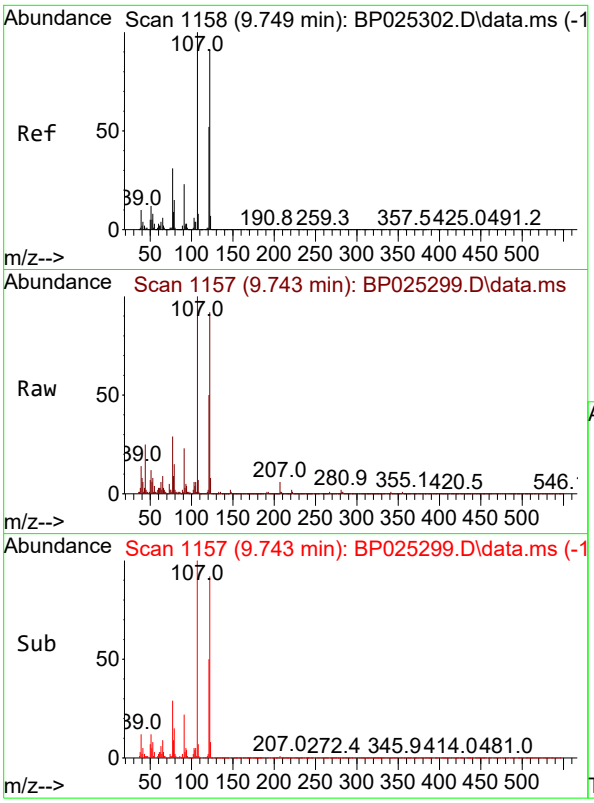


#26
2-Nitrophenol
Concen: 6.196 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:139 Resp: 14308

Ion	Ratio	Lower	Upper
139	100		
109	29.5	25.2	37.8
65	46.2	39.6	59.4

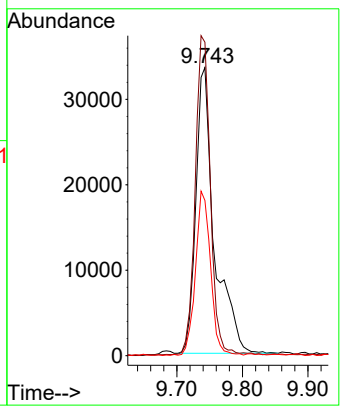




#27
2,4-Dimethylphenol
Concen: 5.730 ng
RT: 9.743 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:122 Resp: 6592

Ion	Ratio	Lower	Upper
122	100		
107	108.8	87.4	131.0
121	53.9	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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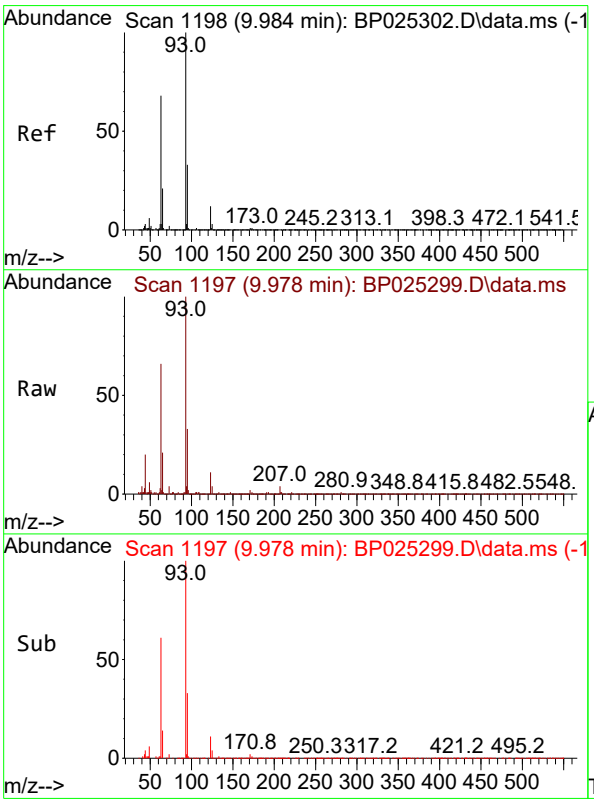
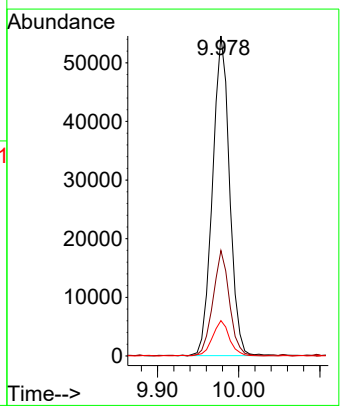
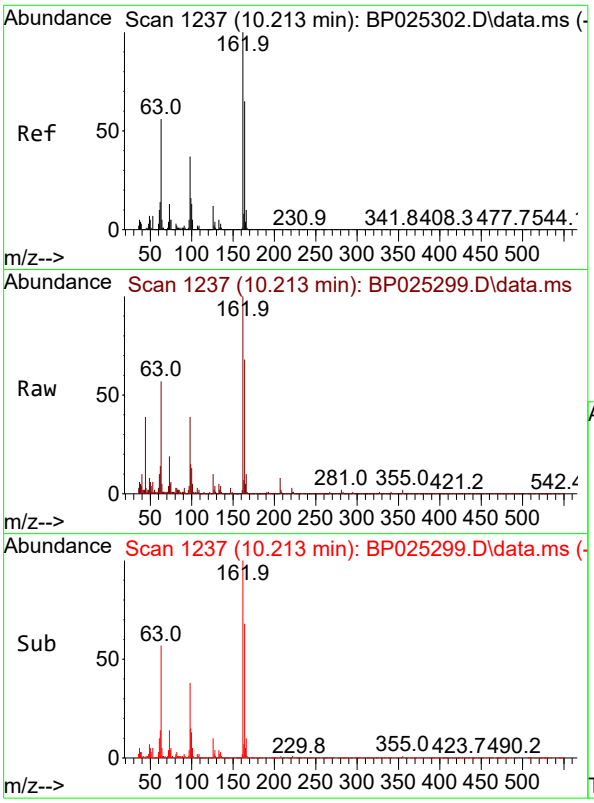


#28
bis(2-Chloroethoxy)methane
Concen: 5.225 ng
RT: 9.978 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 93 Resp: 79327

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.0	9.4	14.2

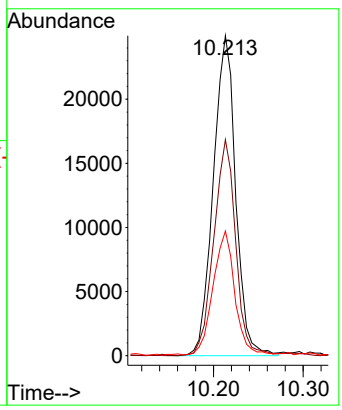




#29
2,4-Dichlorophenol
Concen: 4.296 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:162 Resp: 4327

Ion	Ratio	Lower	Upper
162	100		
164	67.5	45.2	85.2
98	39.0	17.5	57.5



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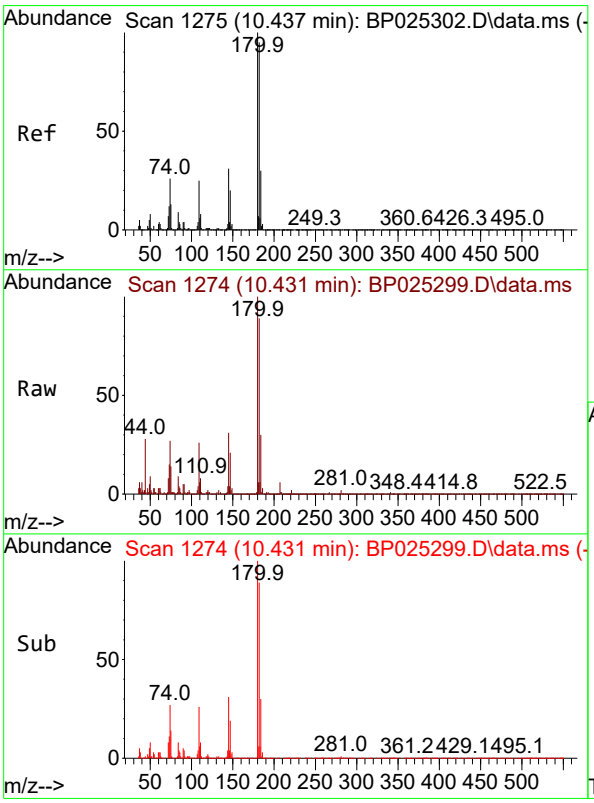
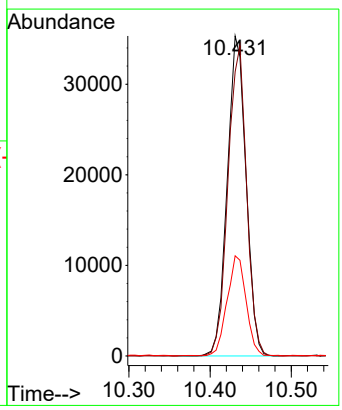
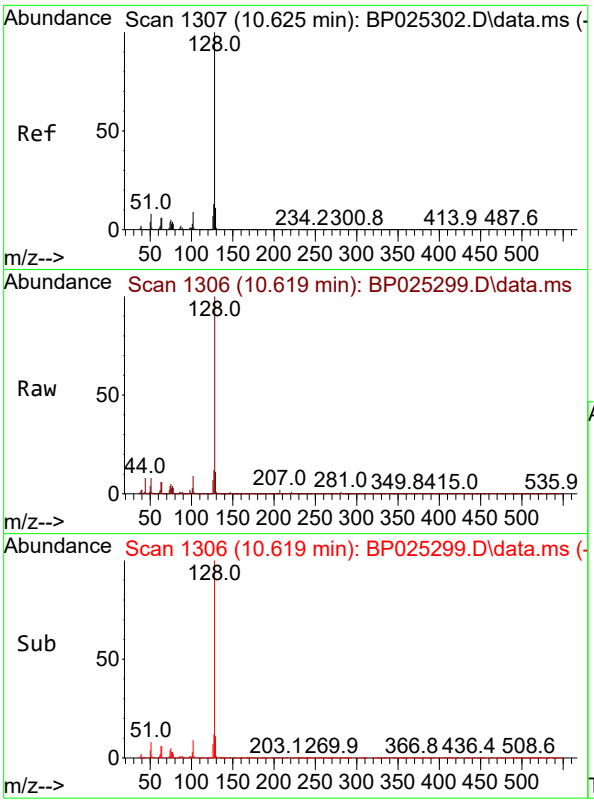


#30
1,2,4-Trichlorobenzene
Concen: 5.120 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:180 Resp: 56908

Ion	Ratio	Lower	Upper
180	100		
182	88.8	75.8	113.8
145	31.3	25.0	37.4

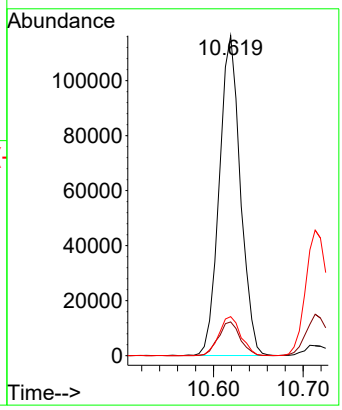




#31
Naphthalene
Concen: 5.262 ng
RT: 10.619 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:128 Resp: 18973

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.2	10.4	15.6



Instrument :
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ClientSampleId :
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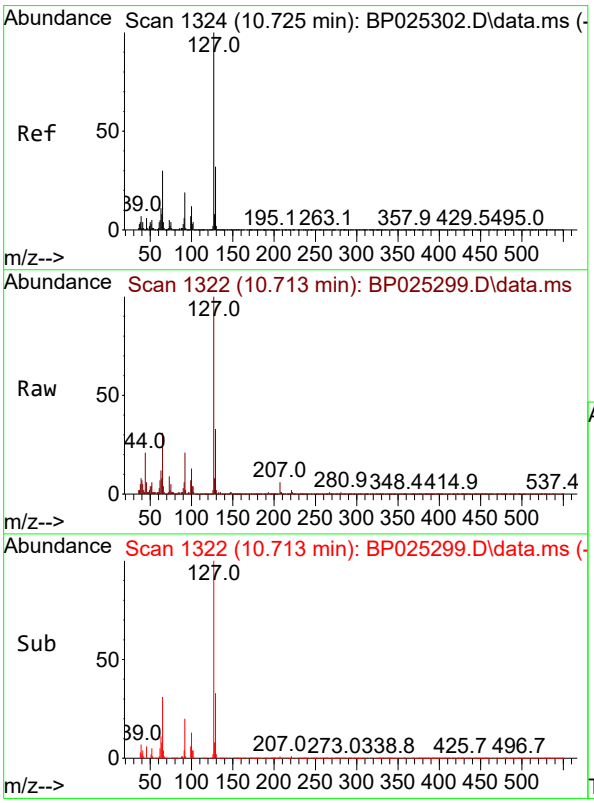
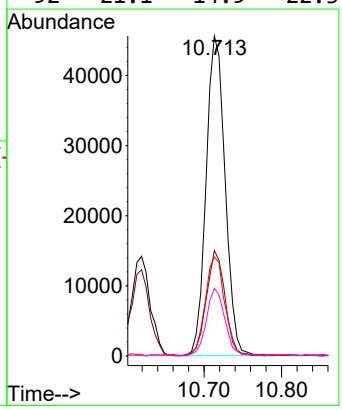
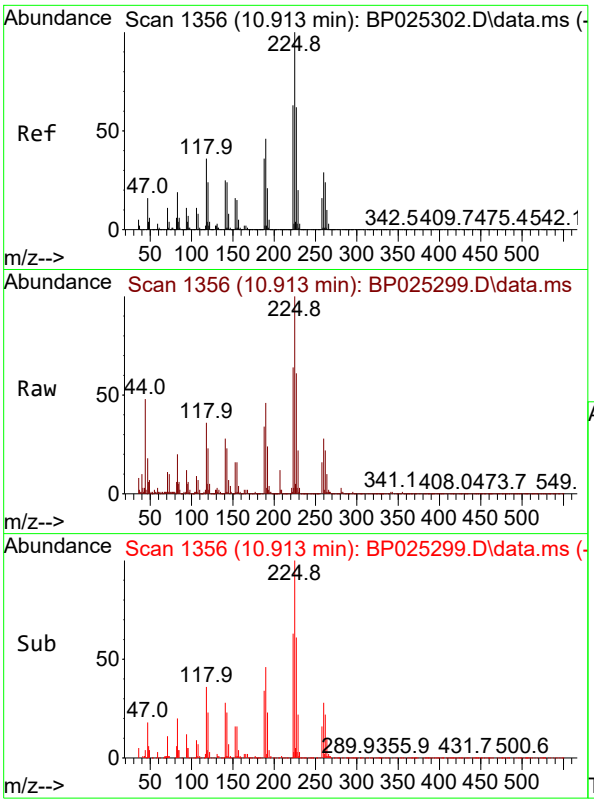


#33
4-Chloroaniline
Concen: 4.856 ng
RT: 10.713 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:127 Resp: 77884

Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	31.0	23.6	35.4
92	21.1	14.9	22.3

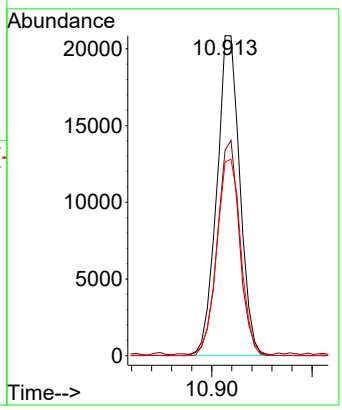




#34
Hexachlorobutadiene
Concen: 5.191 ng
RT: 10.913 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:225 Resp: 3311

Ion	Ratio	Lower	Upper
225	100		
223	67.5	50.3	75.5
227	60.6	49.7	74.5



Instrument :
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ClientSampleId :
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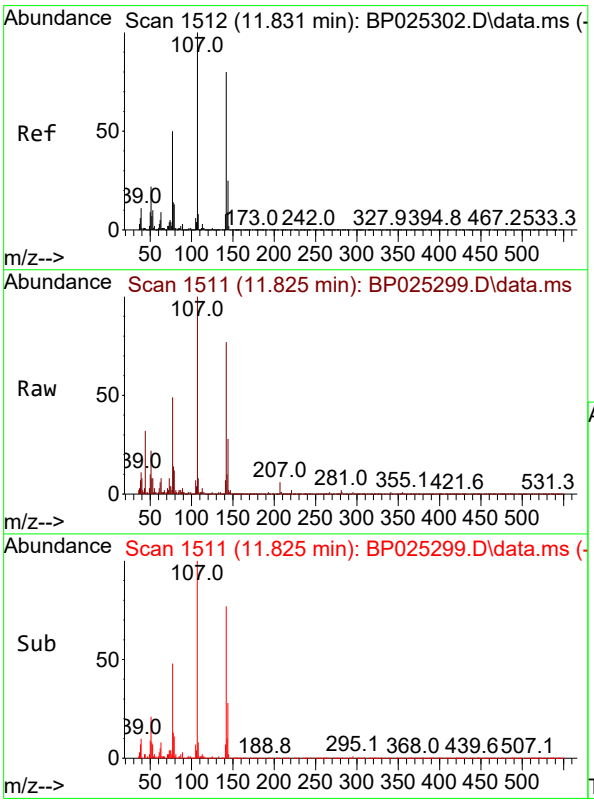
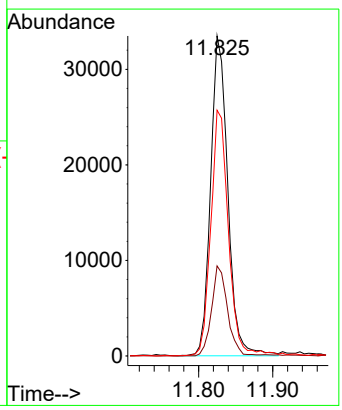
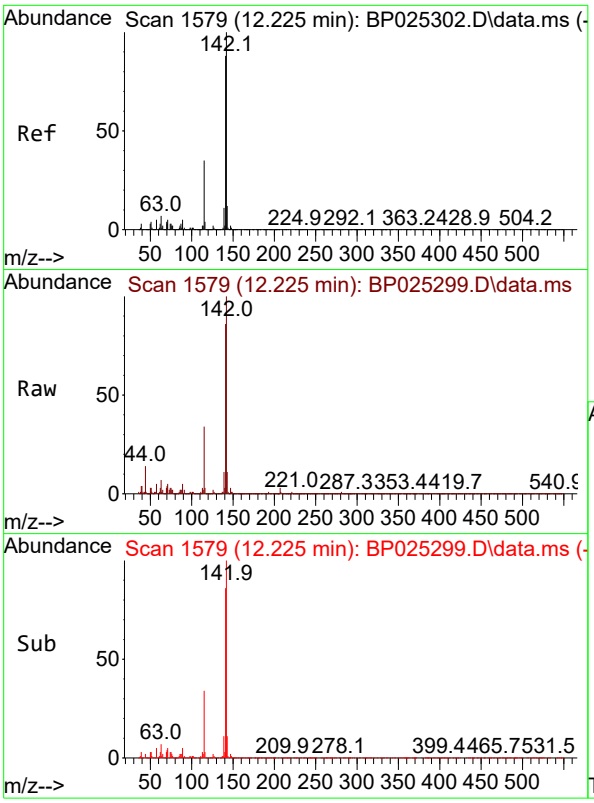


#36
4-Chloro-3-methylphenol
Concen: 4.625 ng
RT: 11.825 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:107 Resp: 53910

Ion	Ratio	Lower	Upper
107	100		
144	28.2	20.4	30.6
142	76.8	63.7	95.5

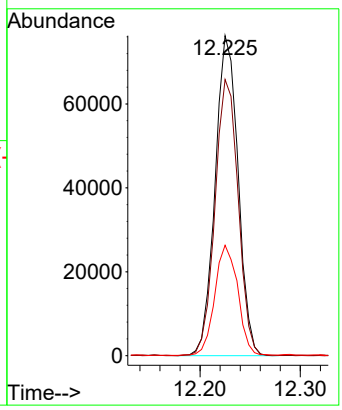




#37
2-Methylnaphthalene
Concen: 5.184 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:142 Resp: 12099

Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.4	105.6
115	34.5	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
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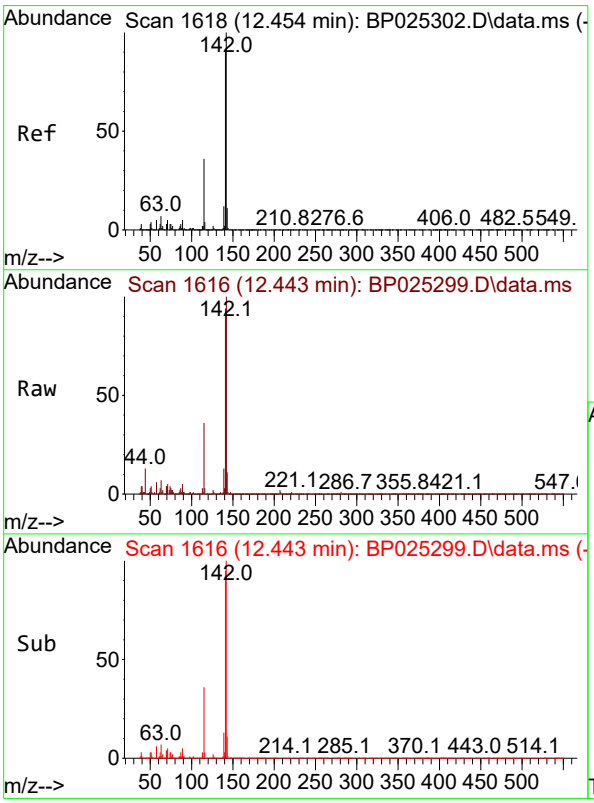
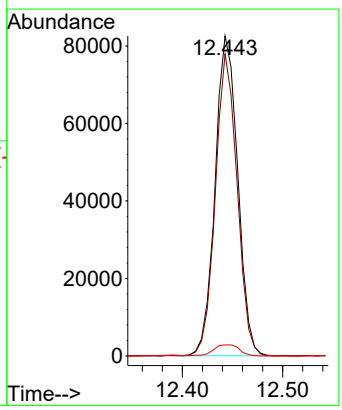
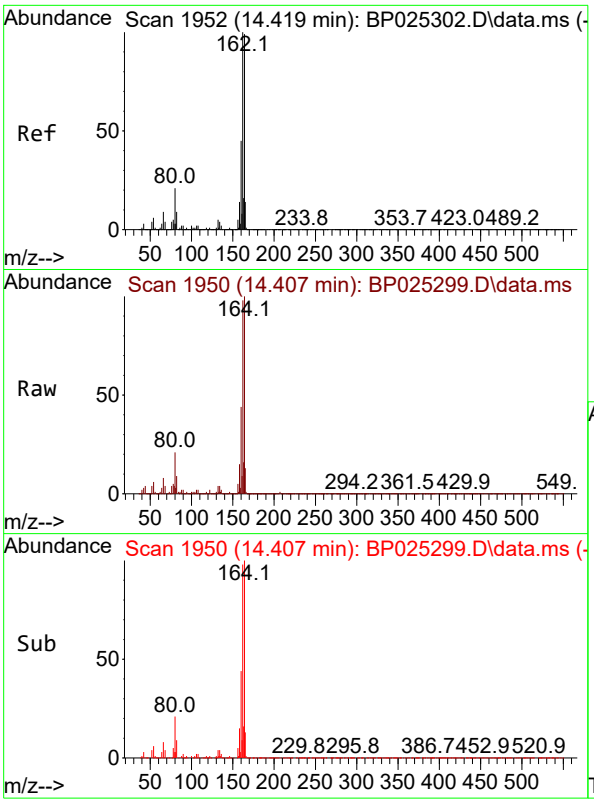


#38
1-Methylnaphthalene
Concen: 5.290 ng
RT: 12.443 min Scan# 1616
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:142 Resp: 128838

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.0	109.6
116	3.4	3.0	4.6

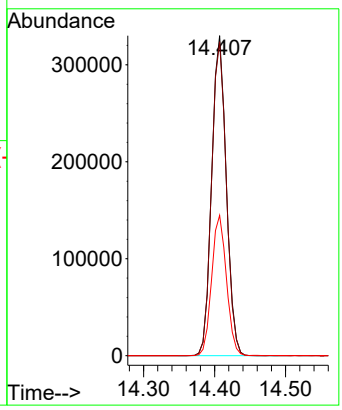




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:164 Resp: 46930

Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.6	120.8
160	43.9	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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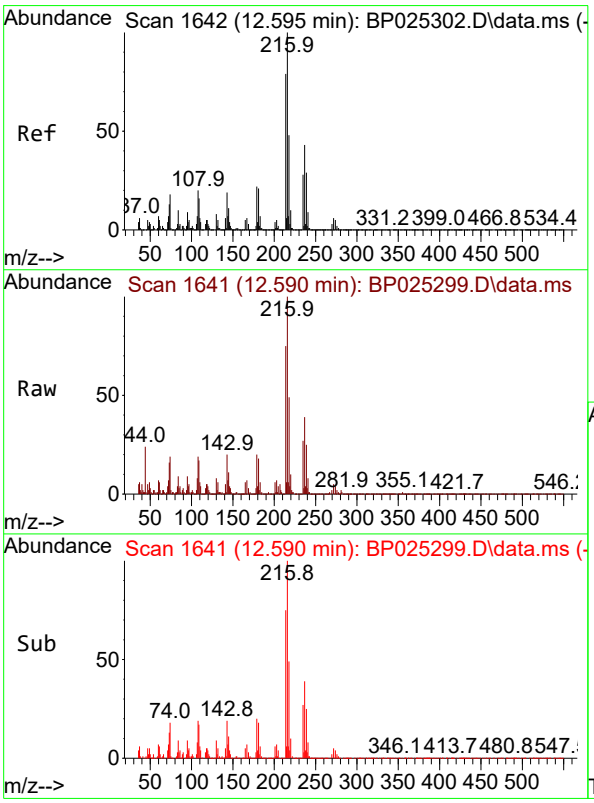
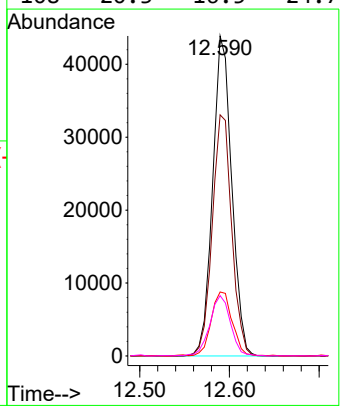
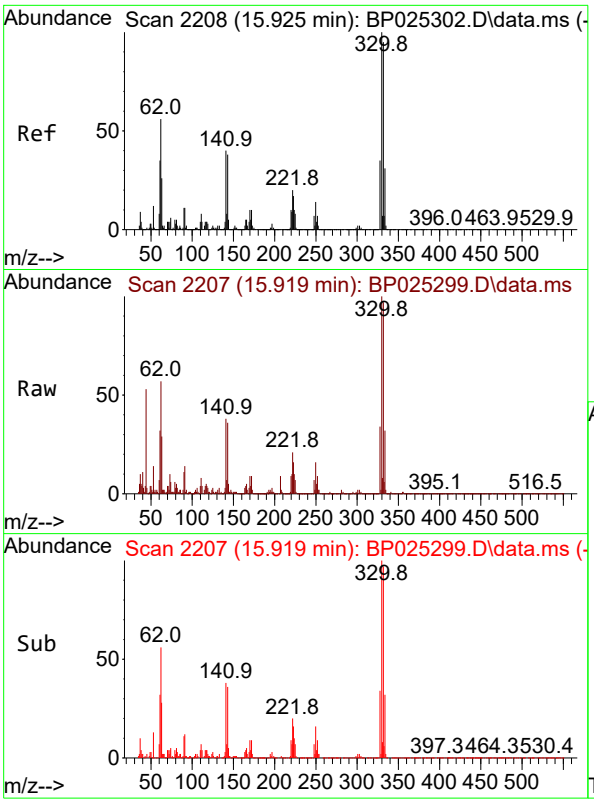


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.049 ng
RT: 12.590 min Scan# 1641
Delta R.T. -0.005 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:216 Resp: 64686

Ion	Ratio	Lower	Upper
216	100		
214	76.8	62.4	93.6
179	22.3	17.5	26.3
108	20.3	16.5	24.7

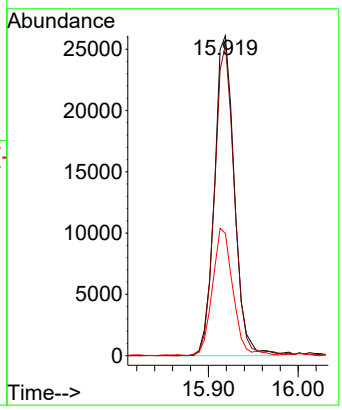




#42
2,4,6-Tribromophenol
Concen: 8.296 ng
RT: 15.919 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:330 Resp: 4019

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	40.6	31.7	47.5



Instrument :
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ClientSampleId :
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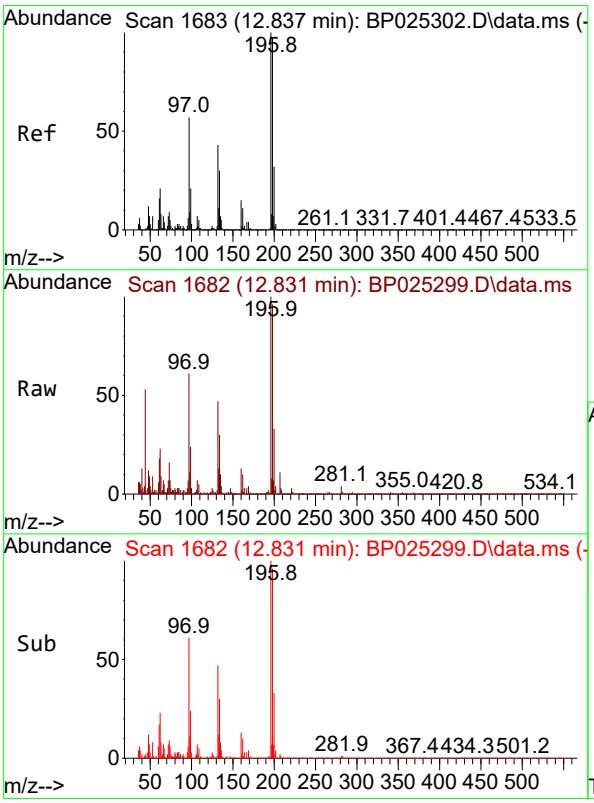
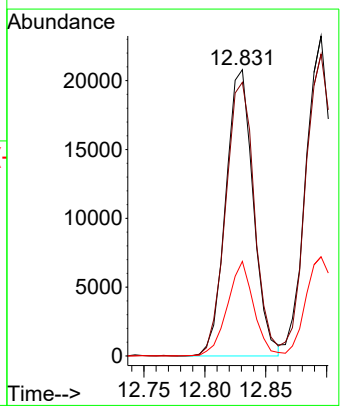
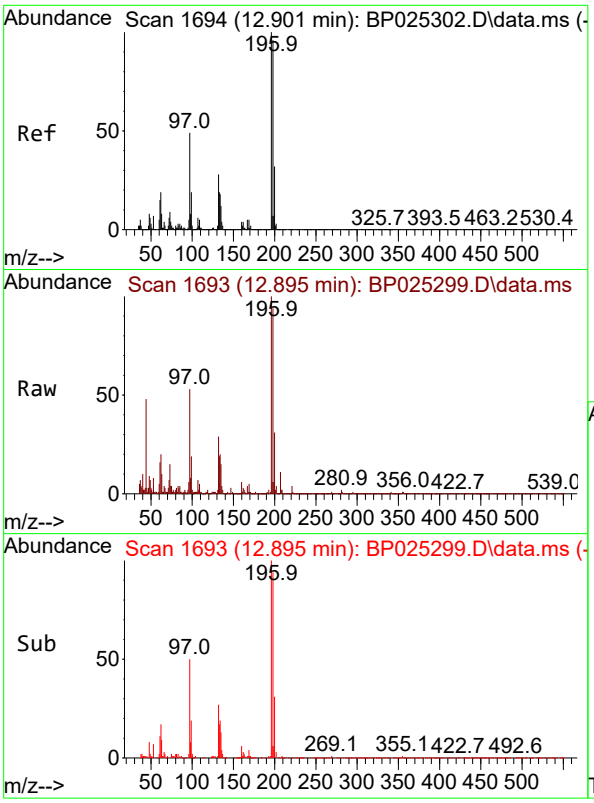


#43
2,4,6-Trichlorophenol
Concen: 3.957 ng
RT: 12.831 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:196 Resp: 32753

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.3	115.9
200	34.9	25.4	38.2

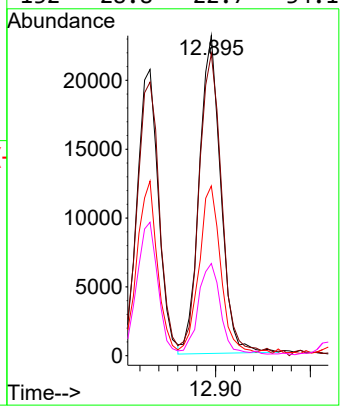




#44
2,4,5-Trichlorophenol
Concen: 3.918 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:196 Resp: 3637

Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.6	114.8
97	53.0	39.5	59.3
132	28.8	22.7	34.1



Instrument :
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ClientSampleId :
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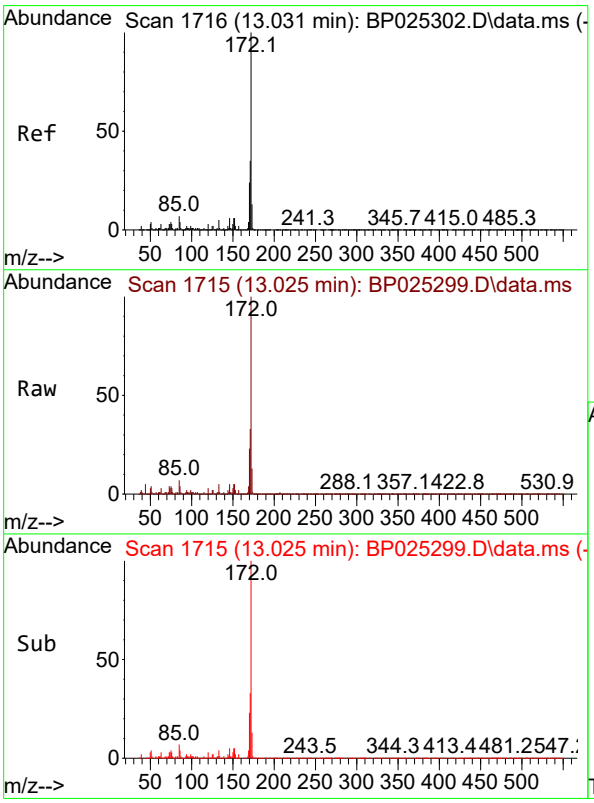
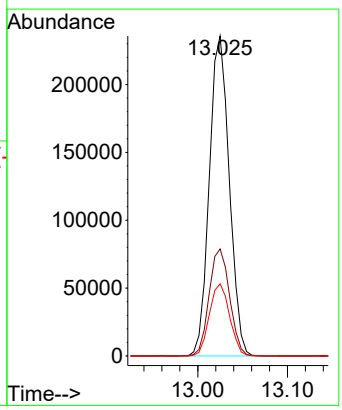
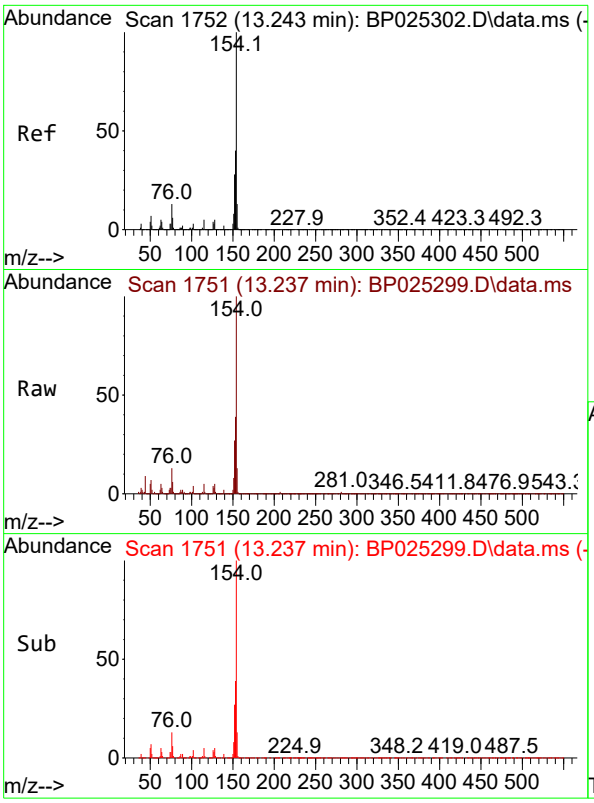


#45
2-Fluorobiphenyl
Concen: 10.769 ng
RT: 13.025 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:172 Resp: 363946

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.9	41.9
170	22.5	18.9	28.3

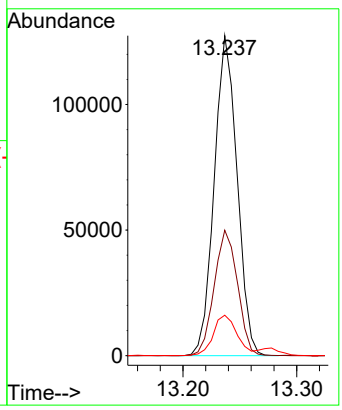




#46
1,1'-Biphenyl
Concen: 5.150 ng
RT: 13.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:154 Resp: 17812

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.9	59.9
76	12.7	0.0	33.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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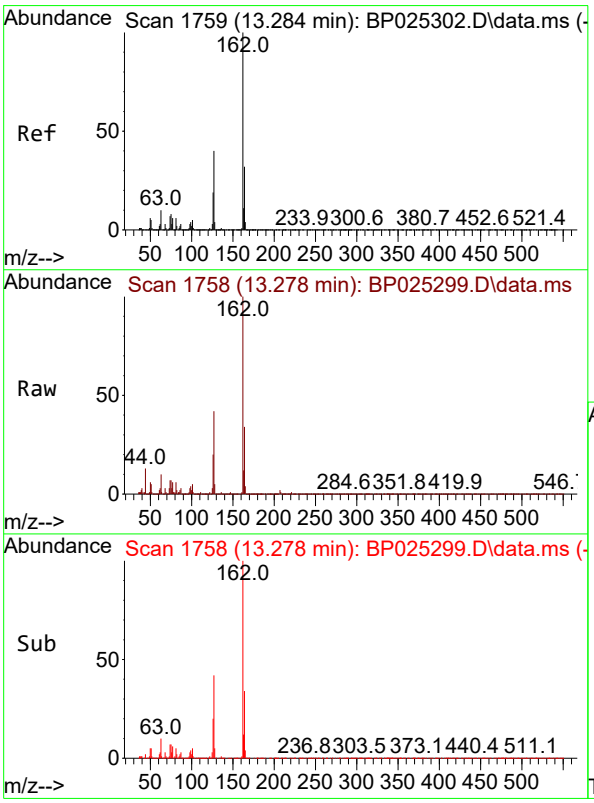
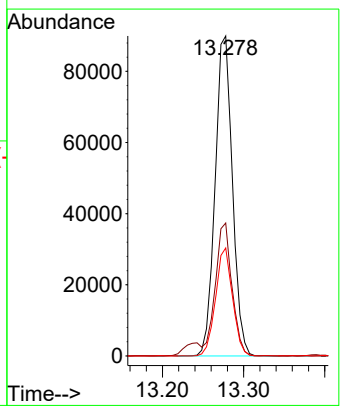
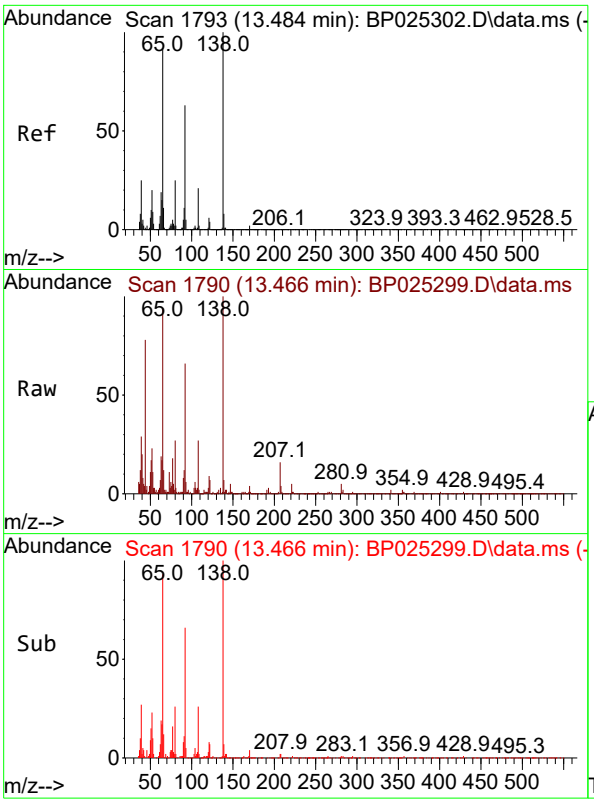


#47
2-Chloronaphthalene
Concen: 5.062 ng
RT: 13.278 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:162 Resp: 133568

Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.2	48.2
164	33.8	25.9	38.9

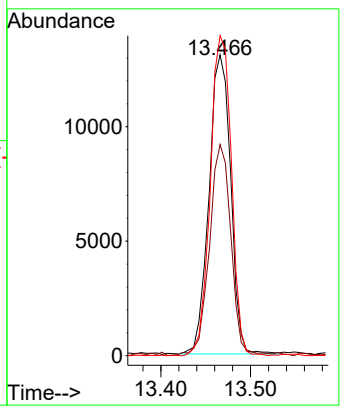




#48
2-Nitroaniline
Concen: 5.624 ng
RT: 13.466 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 65 Resp: 2191

Ion	Ratio	Lower	Upper
65	100		
92	70.2	54.4	81.6
138	106.4	87.0	130.4



Instrument :
BNA_P
ClientSampleId :
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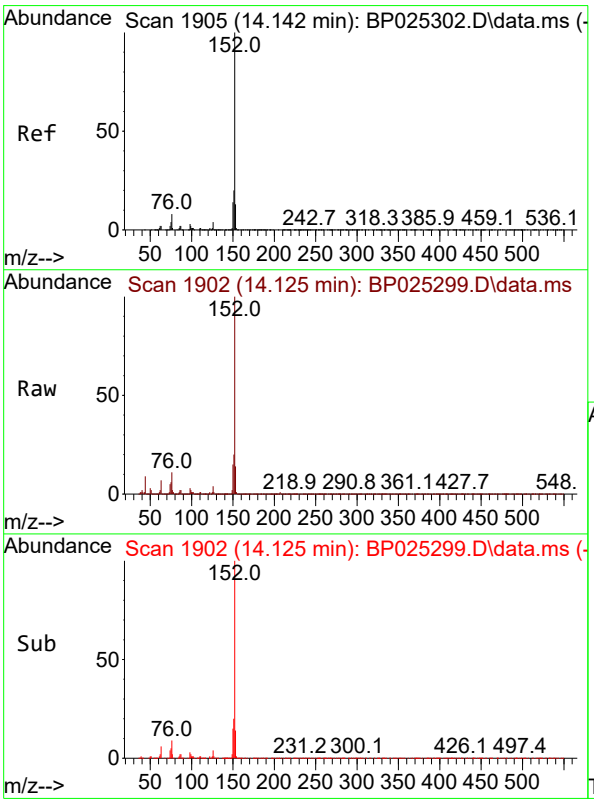
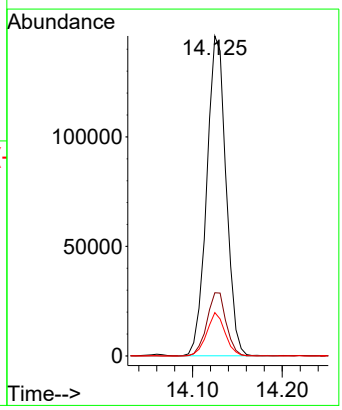
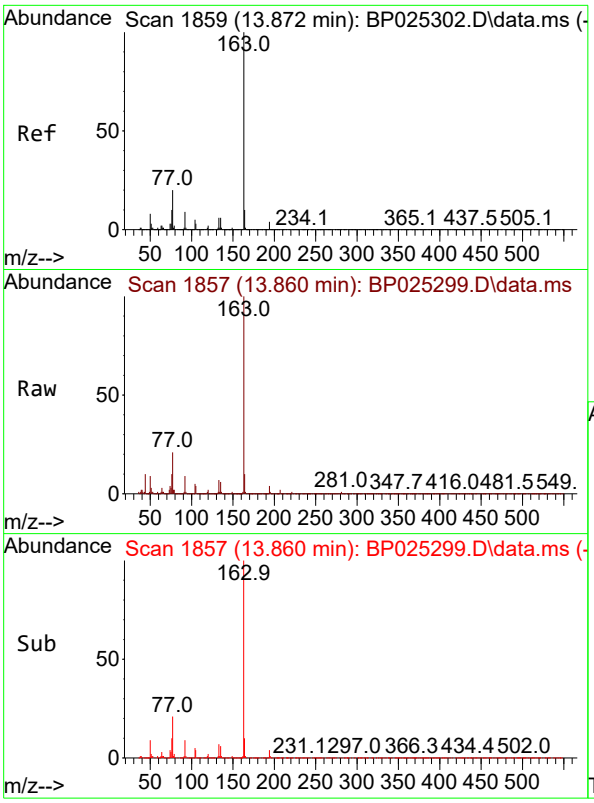


#49
Acenaphthylene
Concen: 4.955 ng
RT: 14.125 min Scan# 1902
Delta R.T. -0.017 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:152 Resp: 218072

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.6	10.4	15.6

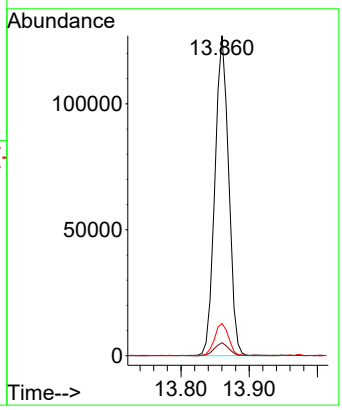




#50
Dimethylphthalate
Concen: 5.220 ng
RT: 13.860 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:163 Resp: 17857

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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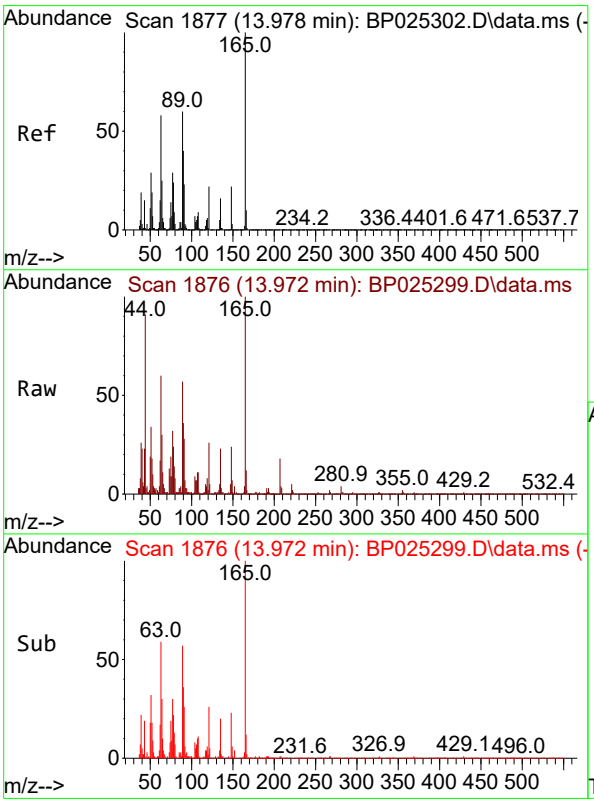
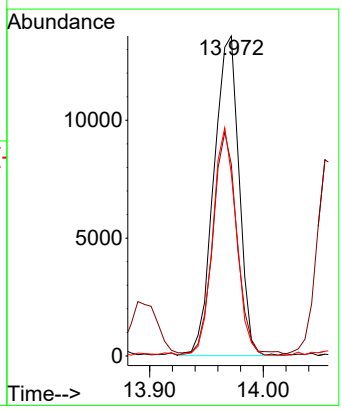
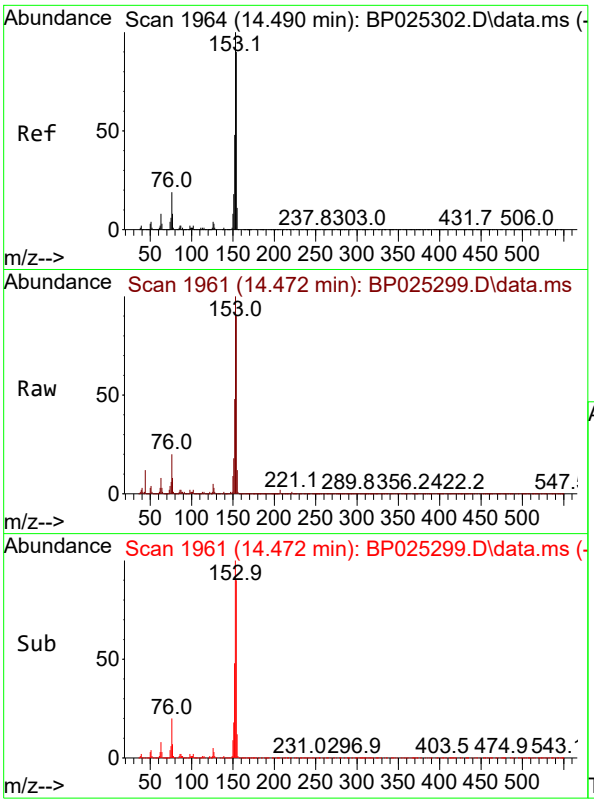


#51
2,6-Dinitrotoluene
Concen: 3.313 ng
RT: 13.972 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:165 Resp: 20906

Ion	Ratio	Lower	Upper
165	100		
63	59.9	47.6	71.4
89	56.9	47.8	71.8

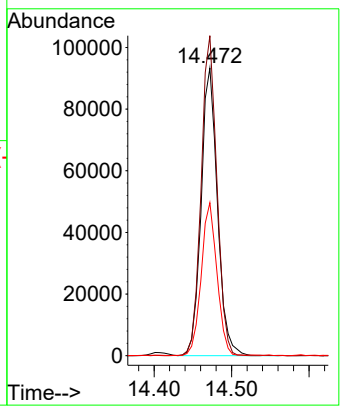




#52
Acenaphthene
Concen: 5.088 ng
RT: 14.472 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:154 Resp: 13658

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.4	134.0
152	53.2	43.0	64.6



Instrument :
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ClientSampleId :
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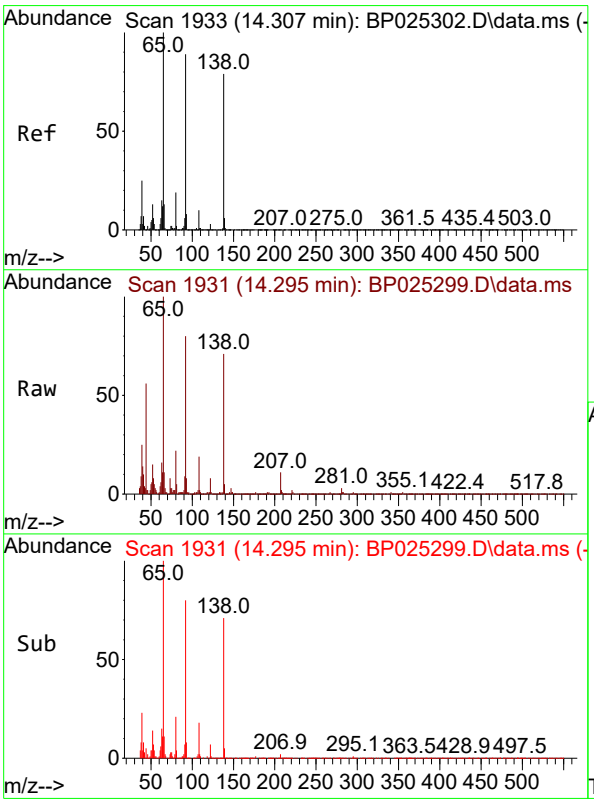
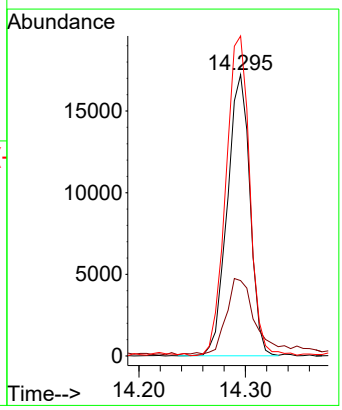
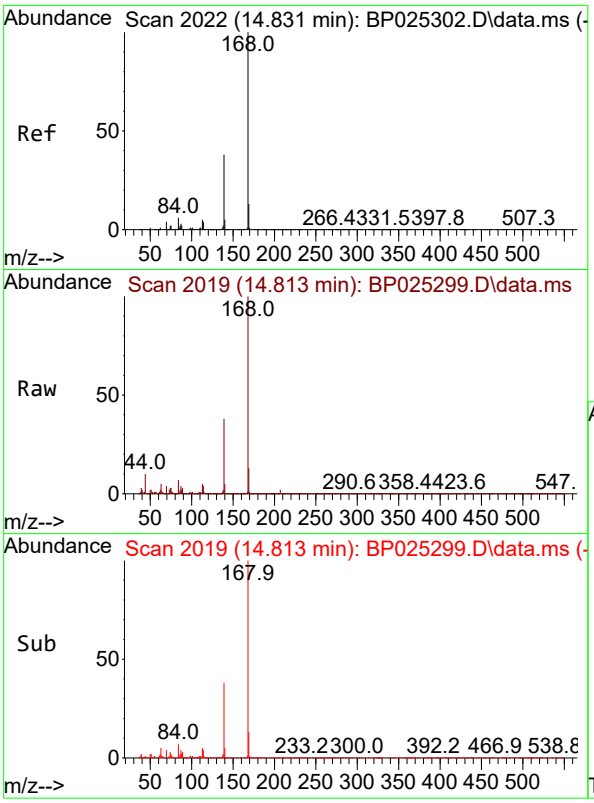


#53
3-Nitroaniline
Concen: 3.445 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:138 Resp: 25435

Ion	Ratio	Lower	Upper
138	100		
108	26.8	10.5	15.7#
92	113.8	90.9	136.3

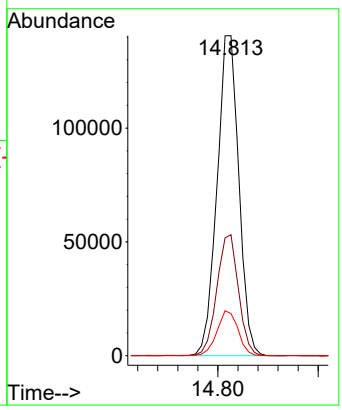




#55
Dibenzofuran
Concen: 5.277 ng
RT: 14.813 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:168 Resp: 21170

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.5	45.7
169	13.2	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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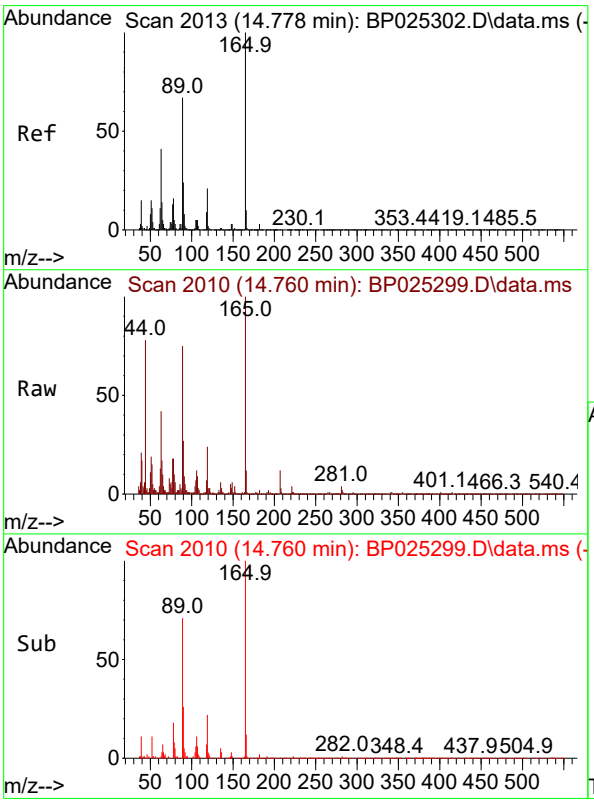
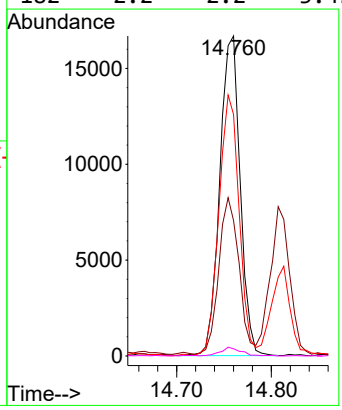
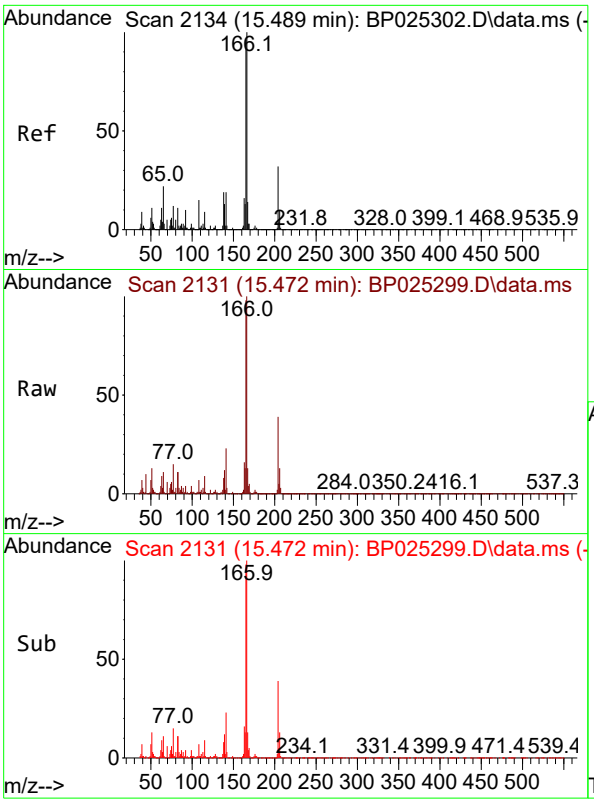


#57
2,4-Dinitrotoluene
Concen: 5.632 ng
RT: 14.760 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:165 Resp: 24944

Ion	Ratio	Lower	Upper
165	100		
63	42.3	33.2	49.8
89	75.4	53.5	80.3
182	2.2	2.2	3.4#

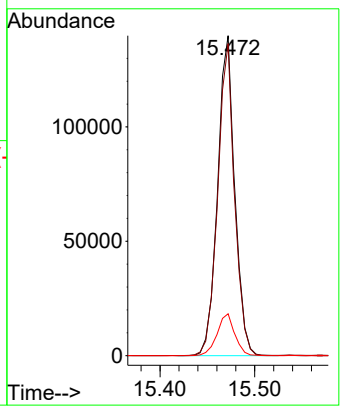




#58
Fluorene
Concen: 5.584 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:166 Resp: 17596

Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.7	115.1
167	13.1	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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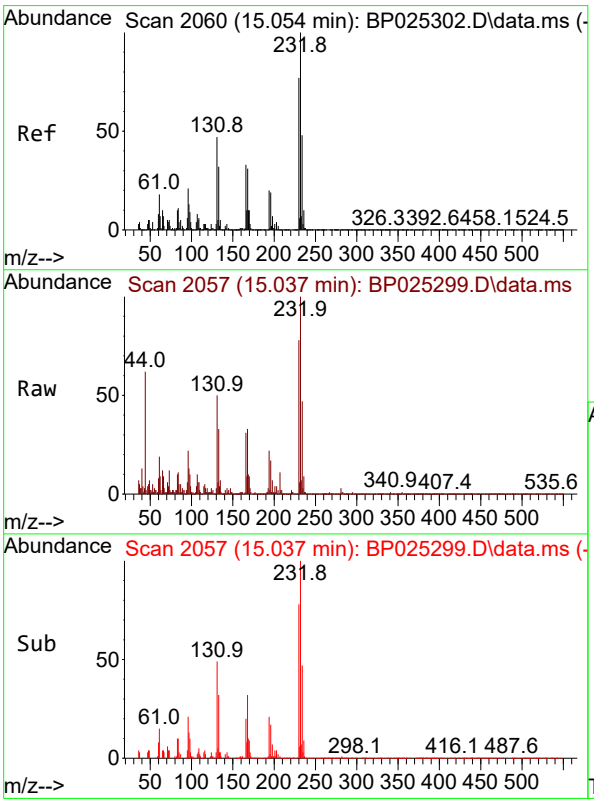
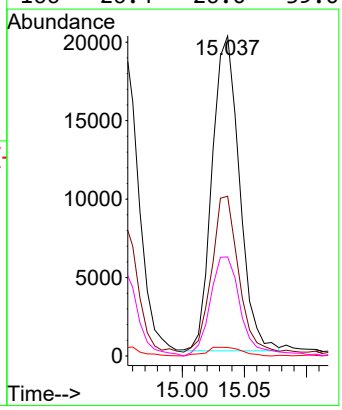
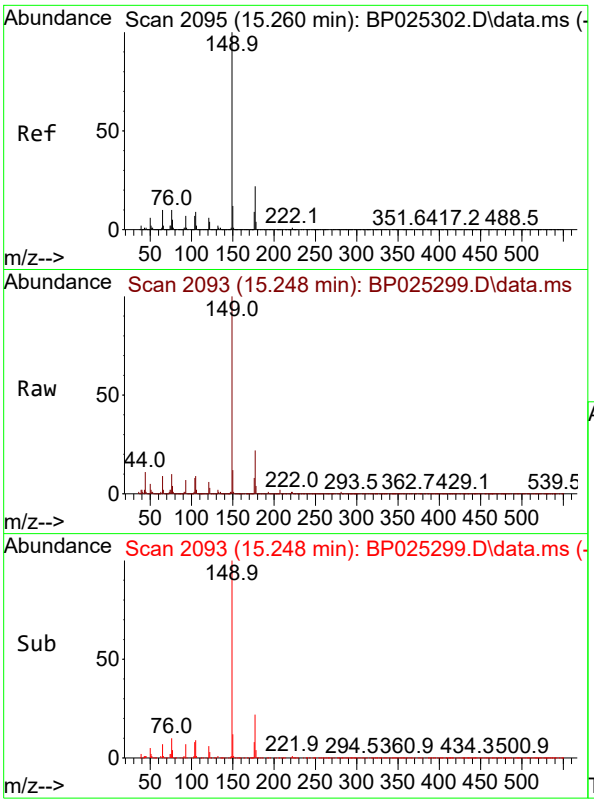


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.942 ng m
RT: 15.037 min Scan# 2057
Delta R.T. -0.017 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:232 Resp: 30755

Ion	Ratio	Lower	Upper
232	100		
131	43.7	39.3	58.9
130	2.8	2.2	3.2
166	26.4	26.0	39.0

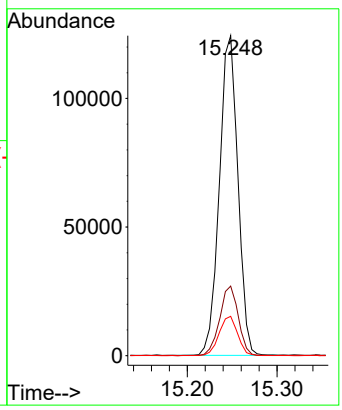




#60
Diethylphthalate
Concen: 5.165 ng
RT: 15.248 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:149 Resp: 17815

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.3	9.8	14.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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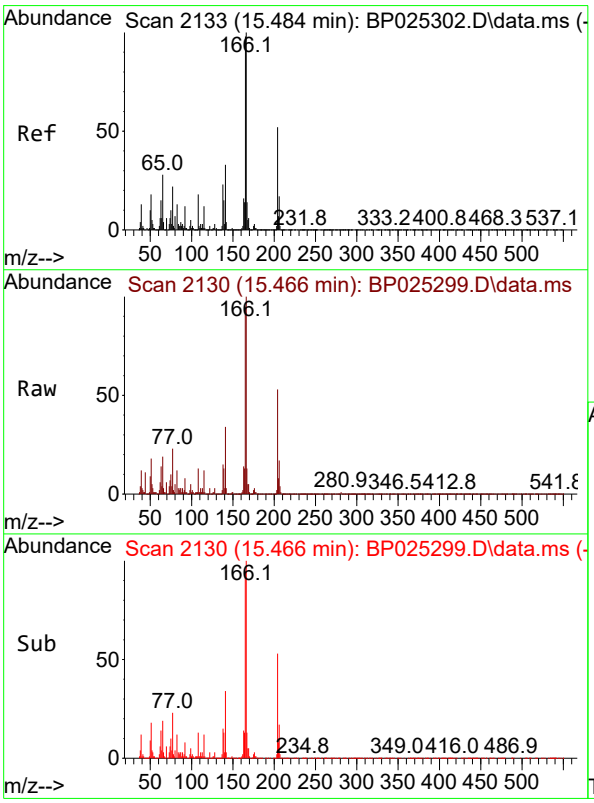
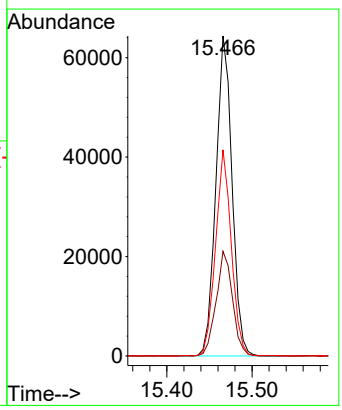
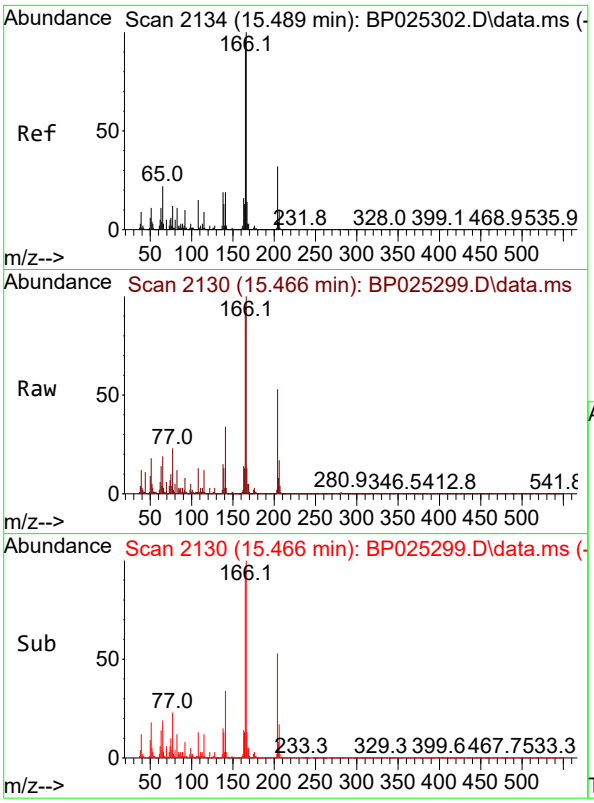


#61
4-Chlorophenyl-phenylether
Concen: 5.671 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:204 Resp: 84717

Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.0	40.4
141	64.4	50.3	75.5





#62
4-Nitroaniline
Concen: 3.637 ng
RT: 15.466 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 2661

Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.8	69.8
108	87.1	56.6	96.6

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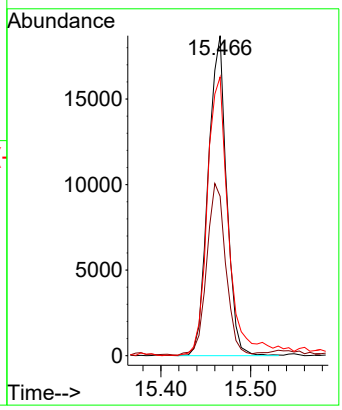
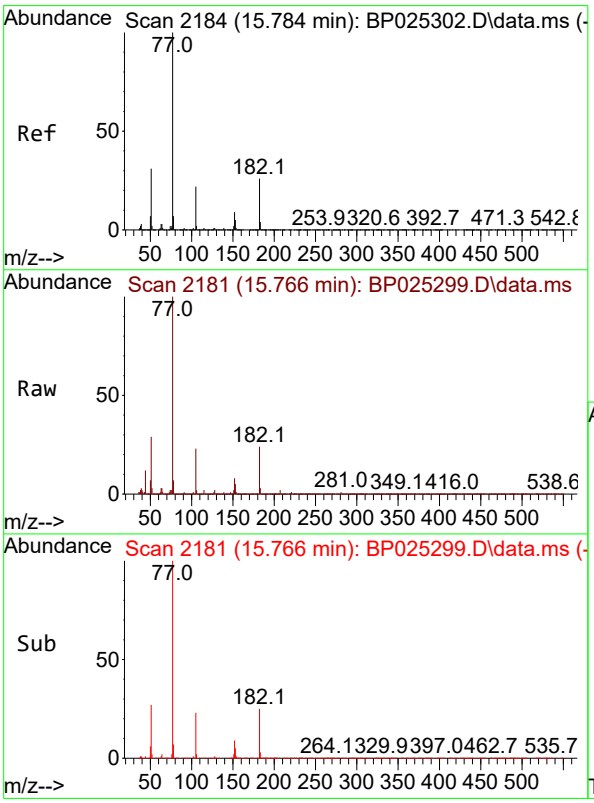
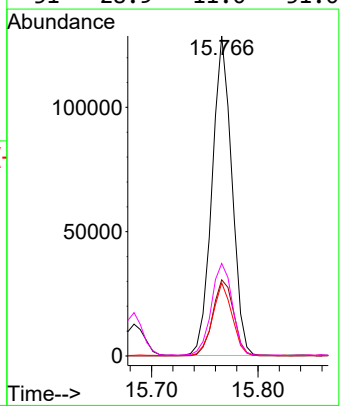


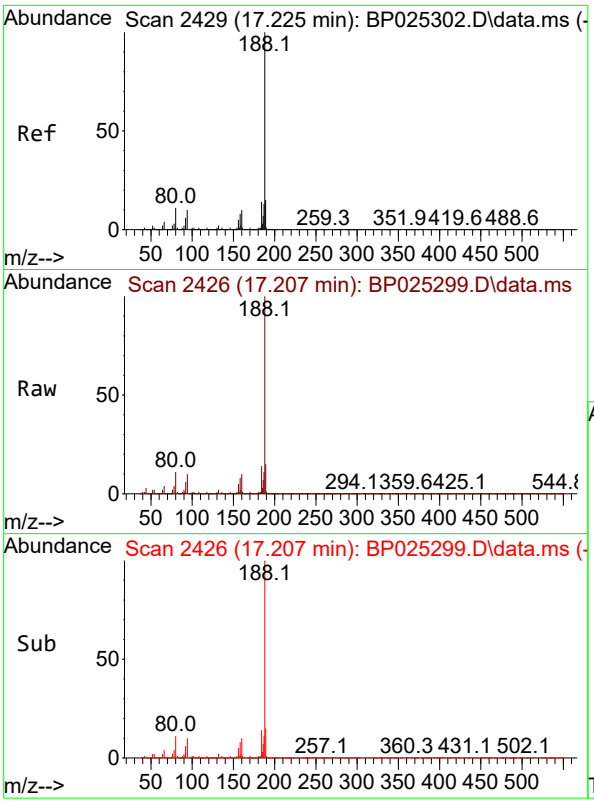


#63
Azobenzene
Concen: 5.170 ng
RT: 15.766 min Scan# 2181
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion: 77 Resp: 165659

Ion	Ratio	Lower	Upper
77	100		
182	23.8	6.0	46.0
105	22.9	2.1	42.1
51	28.9	11.0	51.0

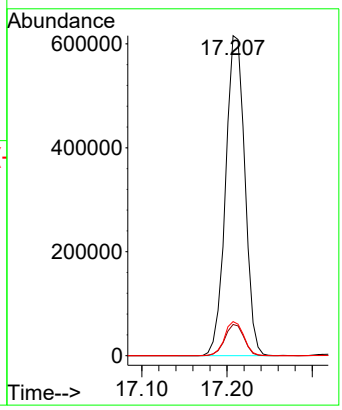




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:188 Resp: 96580

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.6	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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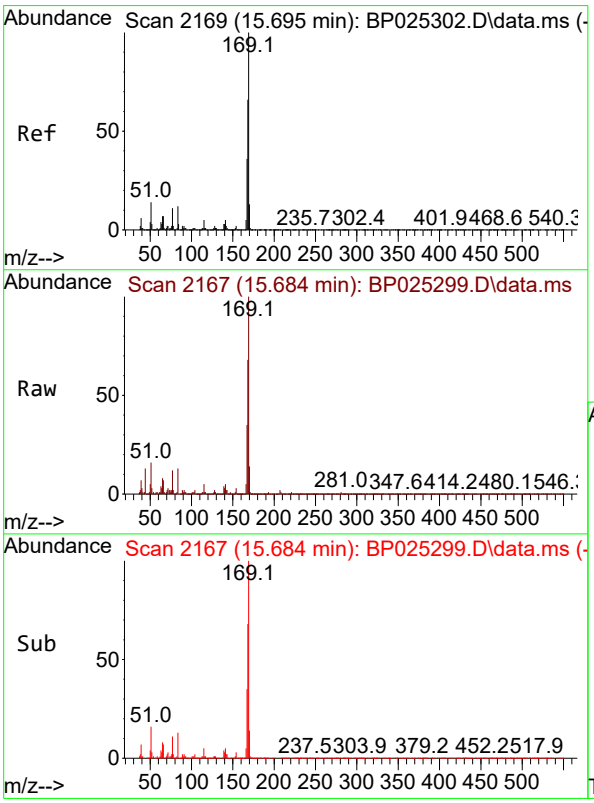
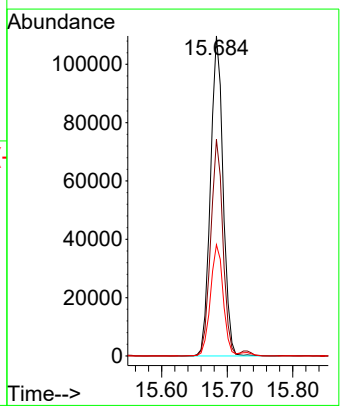
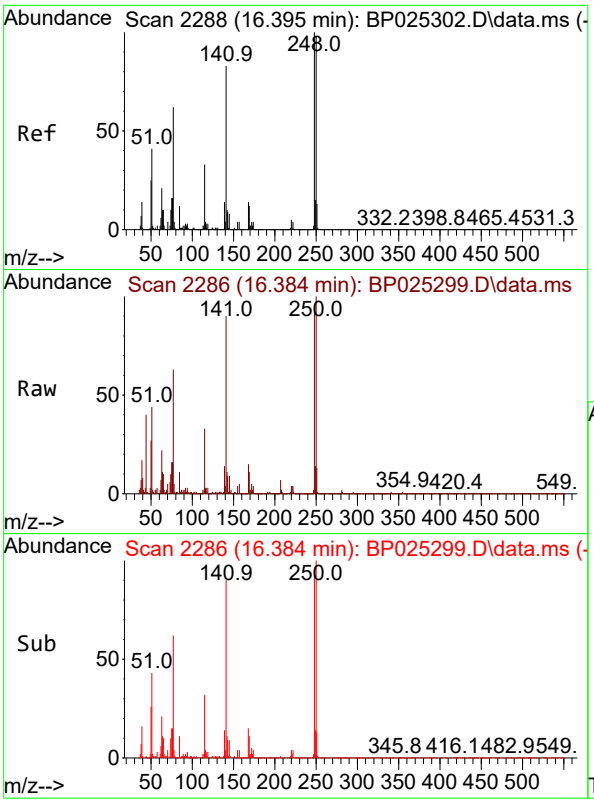


#66
n-Nitrosodiphenylamine
Concen: 4.973 ng
RT: 15.684 min Scan# 2167
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:169 Resp: 146252

Ion	Ratio	Lower	Upper
169	100		
168	67.6	52.8	79.2
167	34.7	28.5	42.7

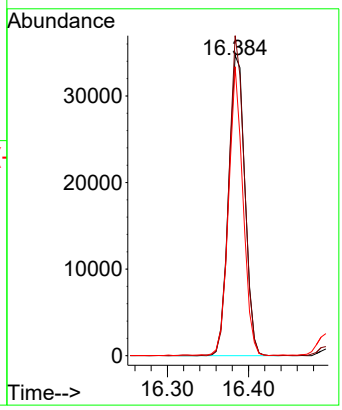




#67
4-Bromophenyl-phenylether
Concen: 4.978 ng
RT: 16.384 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:248 Resp: 4837

Ion	Ratio	Lower	Upper
248	100		
250	106.6	78.6	117.8
141	96.2	66.6	99.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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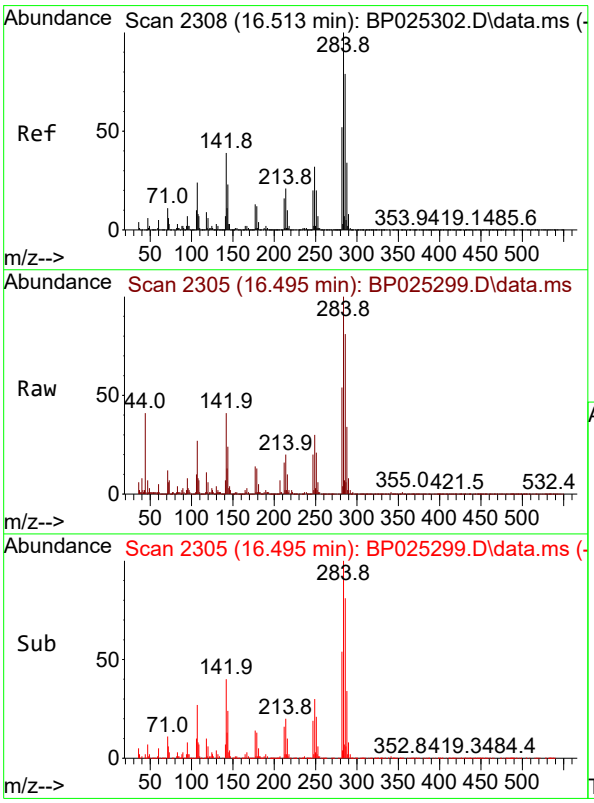
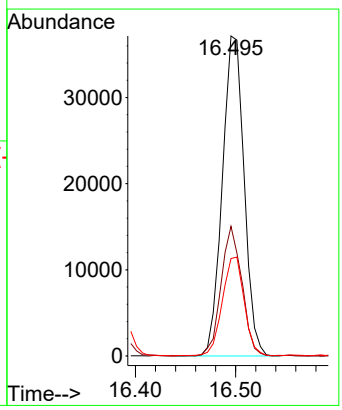
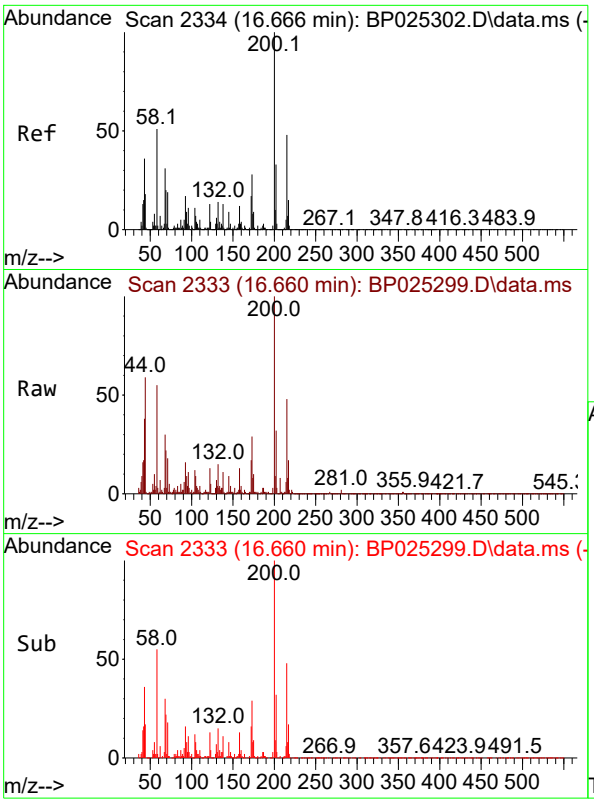


#68
Hexachlorobenzene
Concen: 5.143 ng
RT: 16.495 min Scan# 2305
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:284 Resp: 56081

Ion	Ratio	Lower	Upper
284	100		
142	40.5	30.8	46.2
249	30.5	25.4	38.0

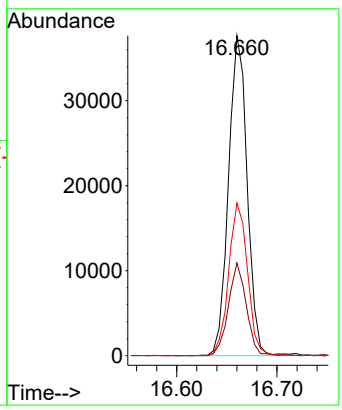




#69
Atrazine
Concen: 4.702 ng
RT: 16.660 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:200 Resp: 4862

Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.2	48.2
215	47.7	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
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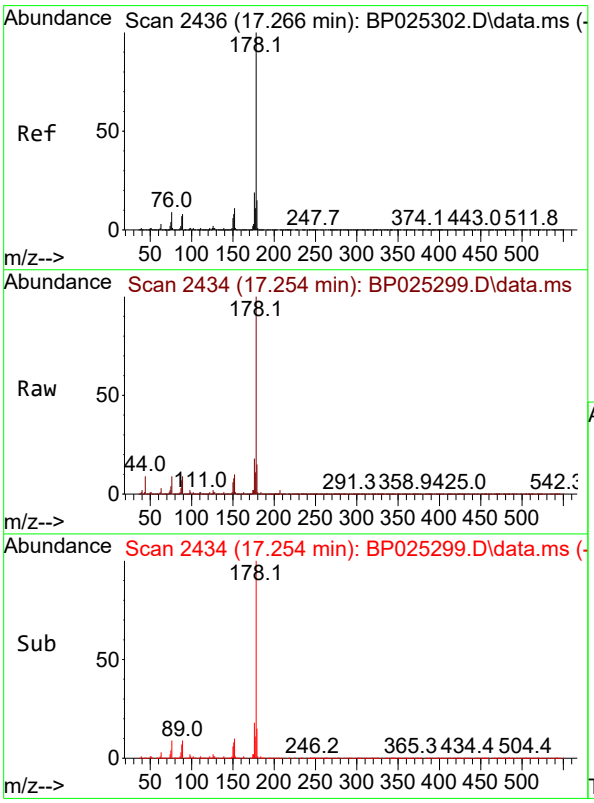
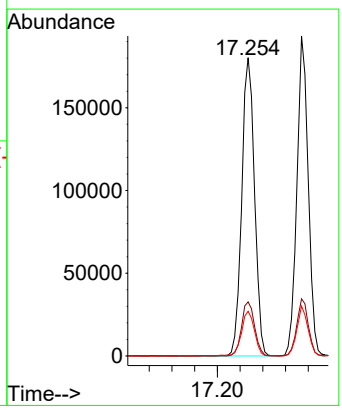
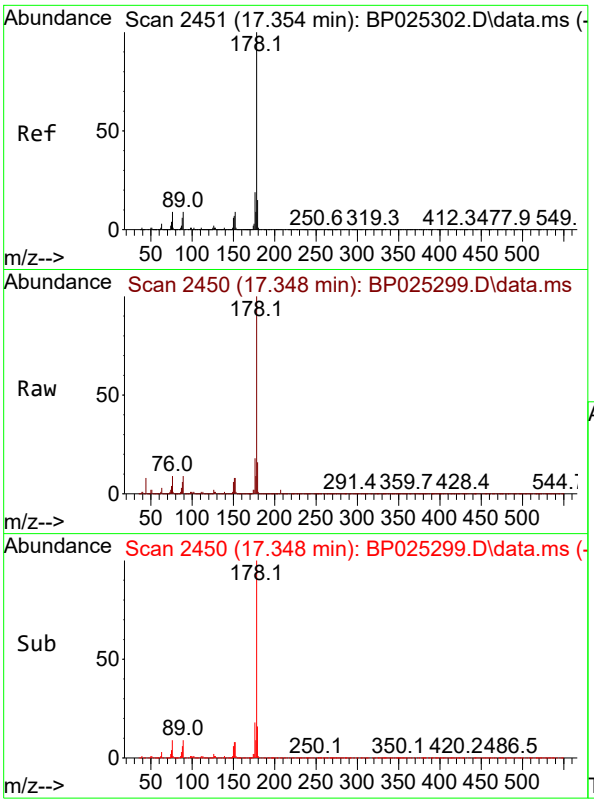


#71
Phenanthrene
Concen: 5.301 ng
RT: 17.254 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:178 Resp: 280407

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.0	12.1	18.1

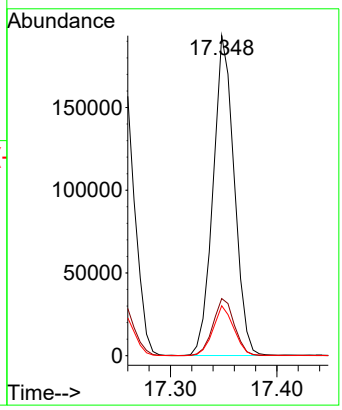




#72
Anthracene
Concen: 4.996 ng
RT: 17.348 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:178 Resp: 26647

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.8	22.2
179	15.6	12.3	18.5



Instrument :
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ClientSampleId :
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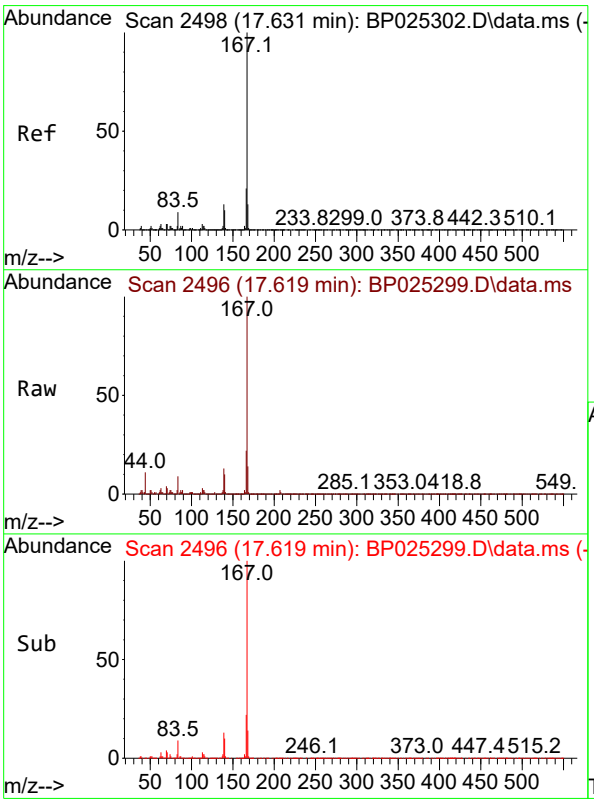
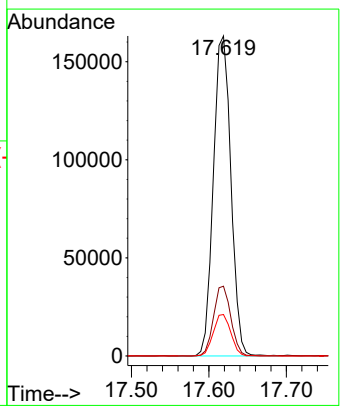
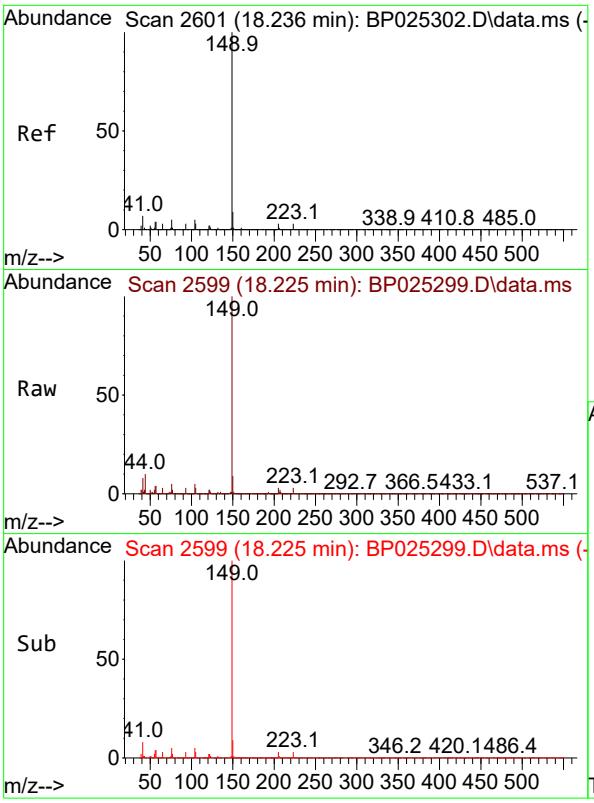


#73
Carbazole
Concen: 5.008 ng
RT: 17.619 min Scan# 2496
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:167 Resp: 256385

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	13.0	10.6	16.0

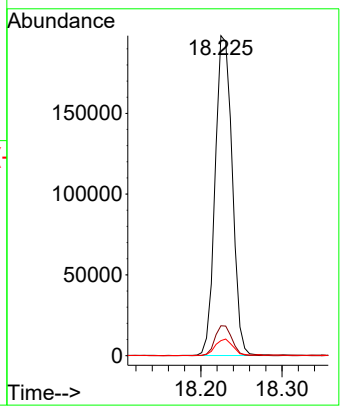




#74
Di-n-butylphthalate
Concen: 4.669 ng
RT: 18.225 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:149 Resp: 28917

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.7	4.1	6.1



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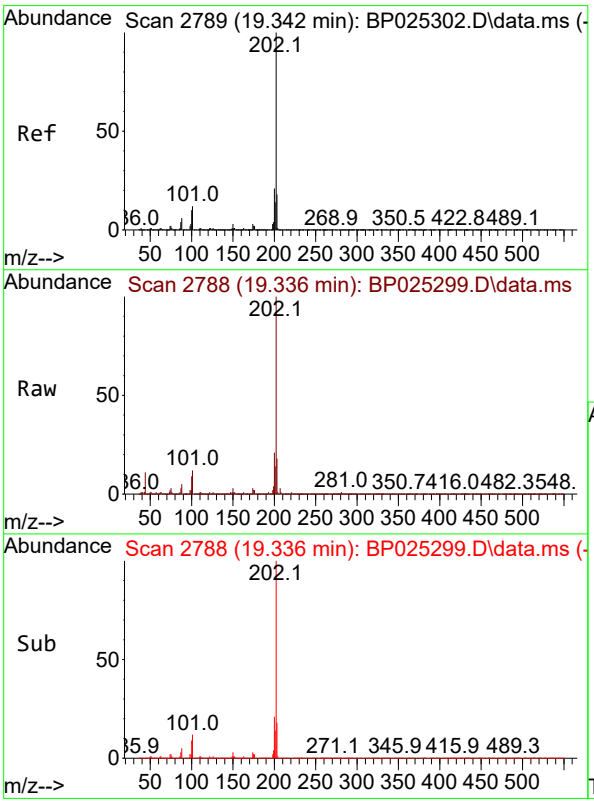
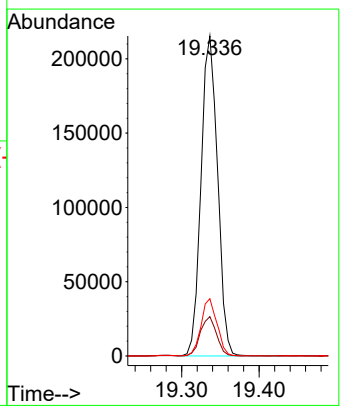
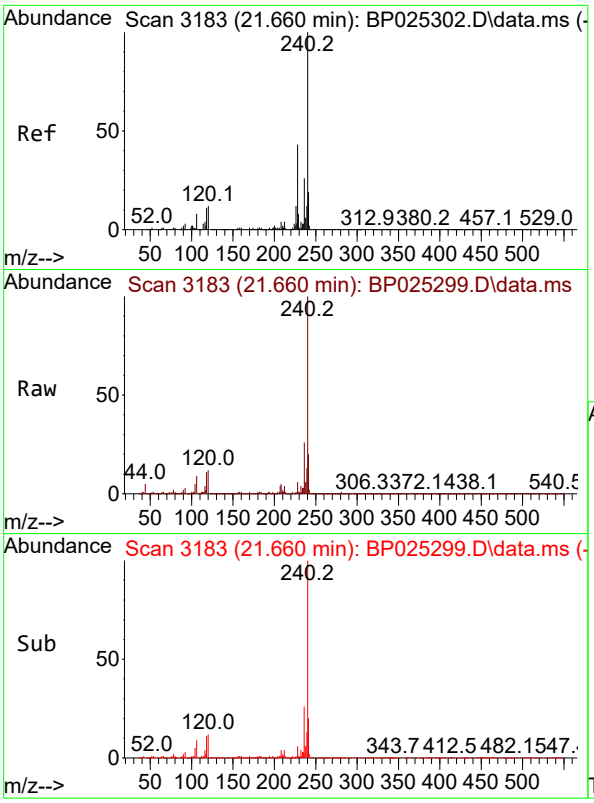


#75
Fluoranthene
Concen: 5.207 ng
RT: 19.336 min Scan# 2788
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:202 Resp: 318877

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.5
203	17.9	0.0	37.6

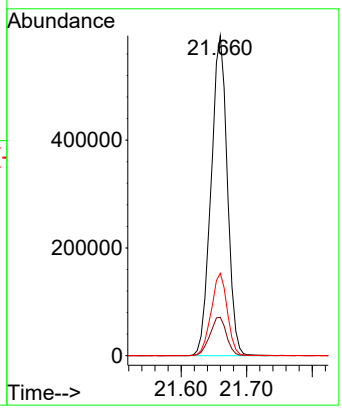




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:240 Resp: 101885

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.7	20.4	30.6



Instrument :
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ClientSampleId :
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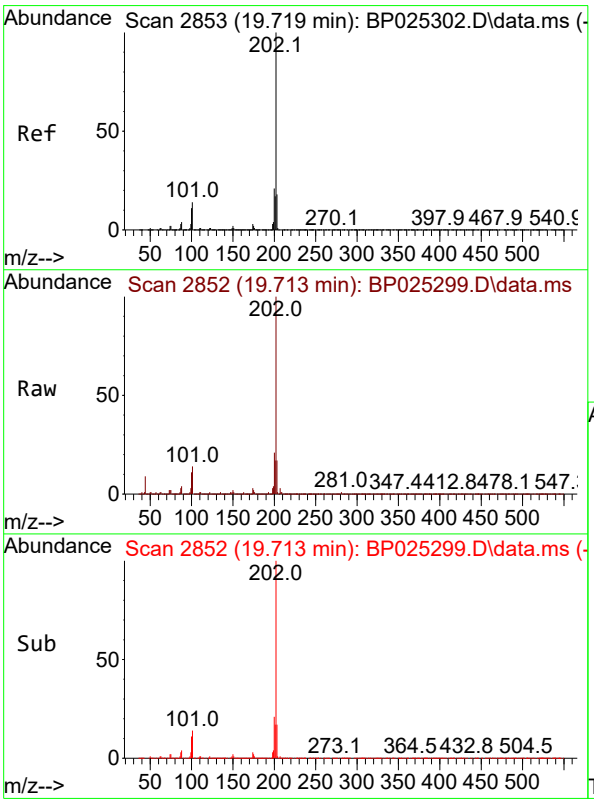
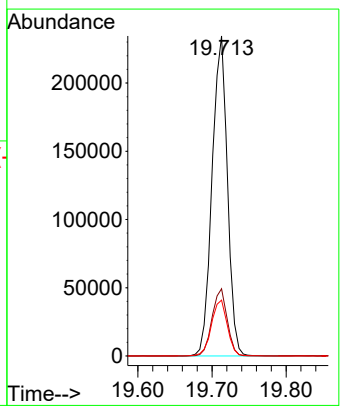
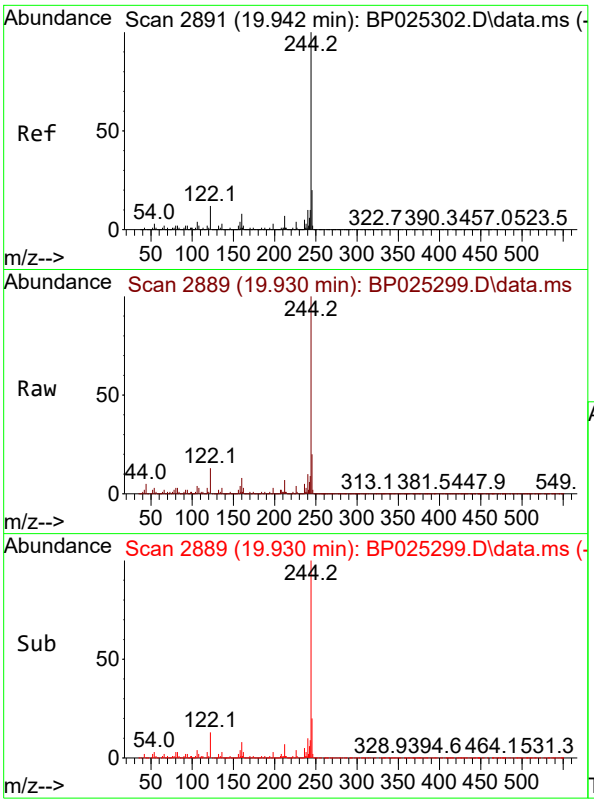


#78
Pyrene
Concen: 4.966 ng
RT: 19.713 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:202 Resp: 336486

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.5	14.1	21.1

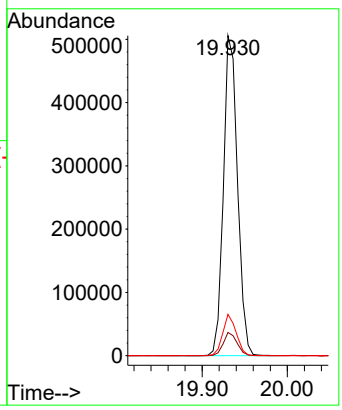




#79
Terphenyl-d14
Concen: 10.771 ng
RT: 19.930 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:244 Resp: 58091

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.9	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
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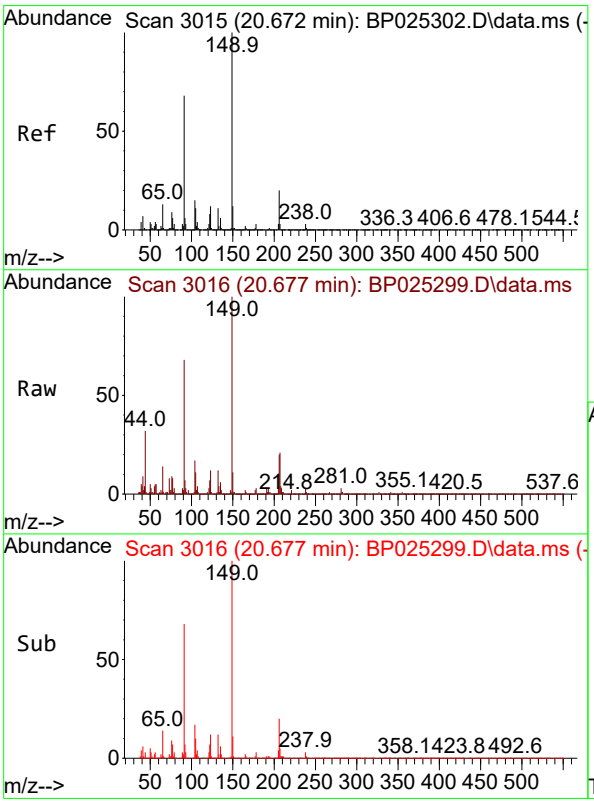
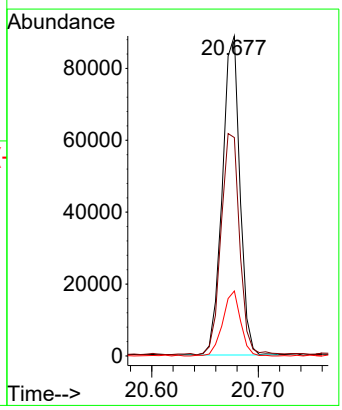
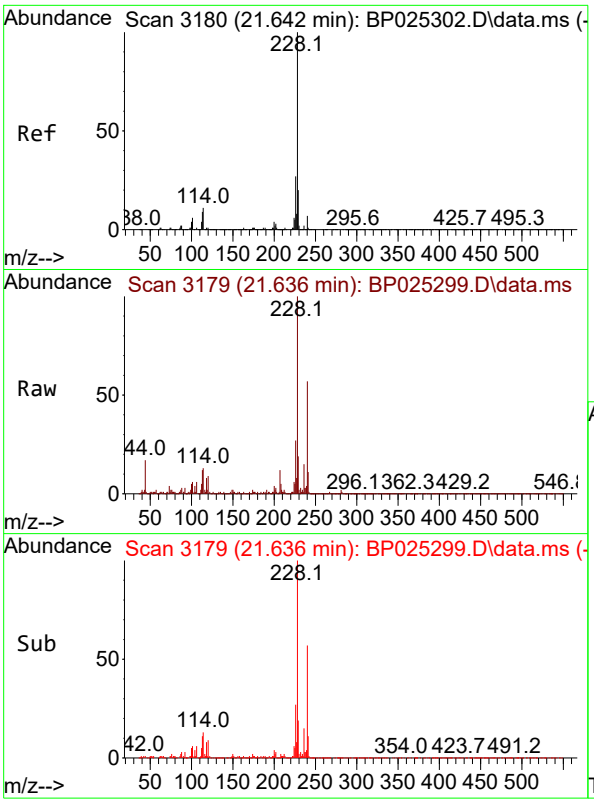


#80
Butylbenzylphthalate
Concen: 3.701 ng
RT: 20.677 min Scan# 3016
Delta R.T. 0.005 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:149 Resp: 101682

Ion	Ratio	Lower	Upper
149	100		
91	68.3	54.7	82.1
206	20.3	16.4	24.6

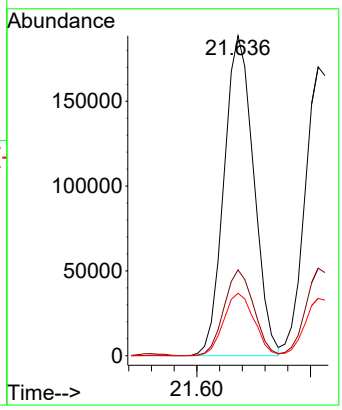




#81
Benzo(a)anthracene
Concen: 5.065 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:228 Resp: 34292

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.5	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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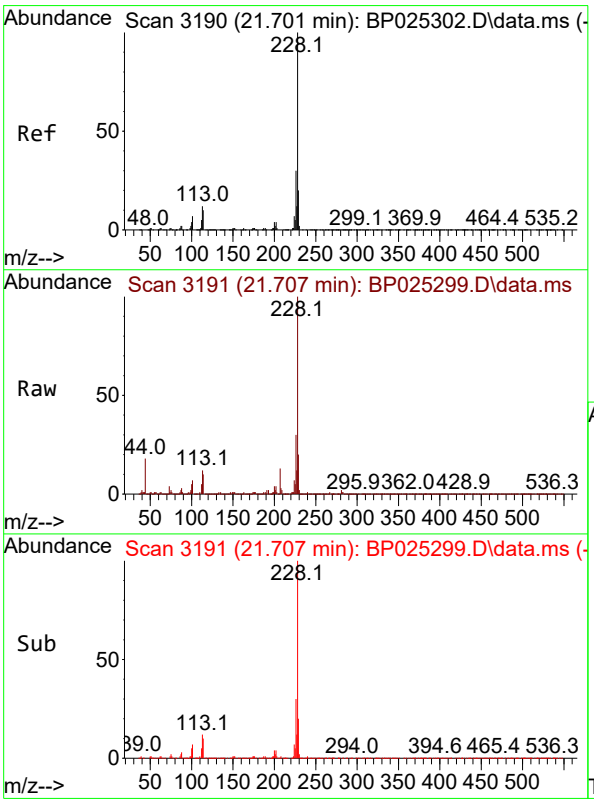
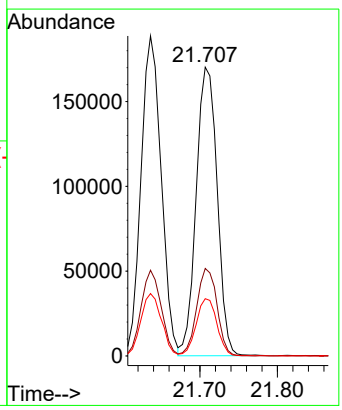
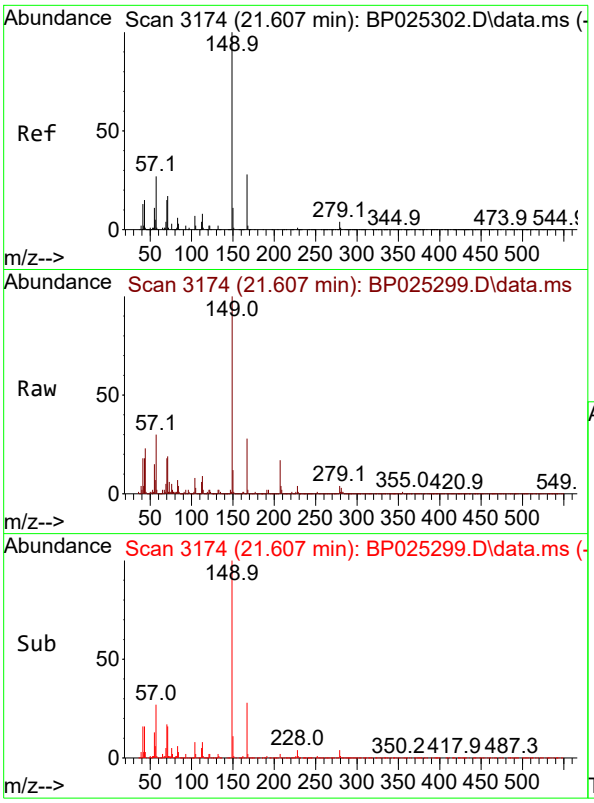


#83
Chrysene
Concen: 5.098 ng
RT: 21.707 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:228 Resp: 320171

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.8	15.9	23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.269 ng
RT: 21.607 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:149 Resp: 18730

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	3.8	3.4	5.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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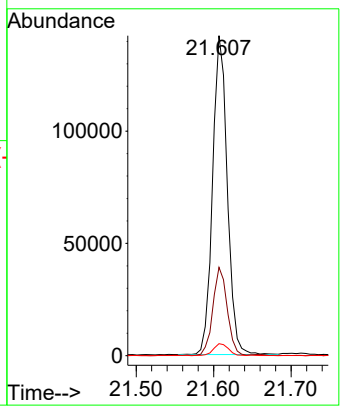
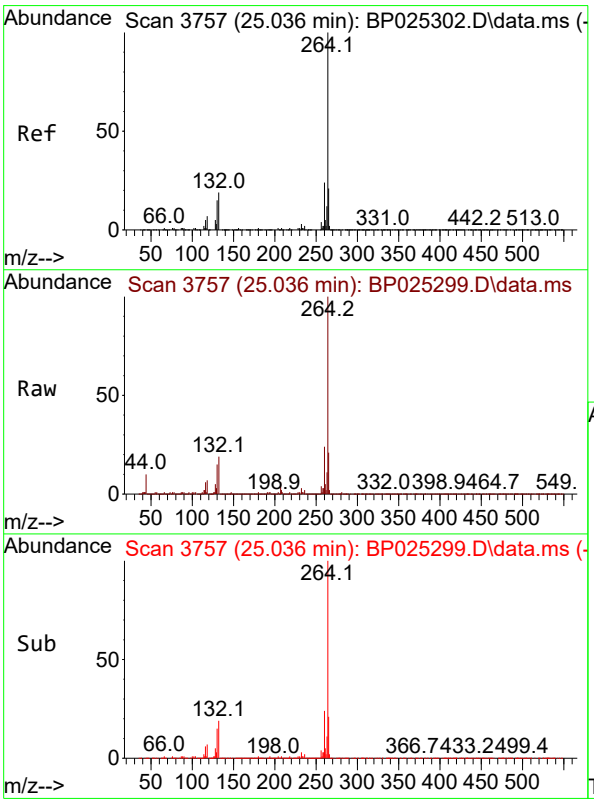
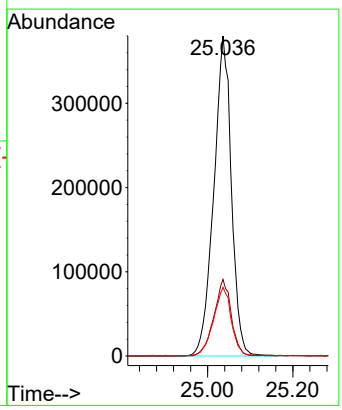


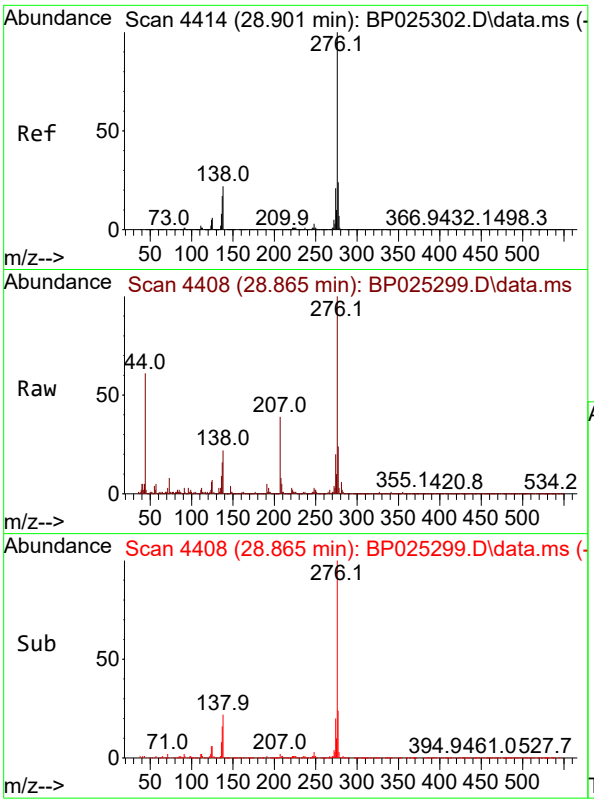


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.000 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:264 Resp: 1088697

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.1	25.7

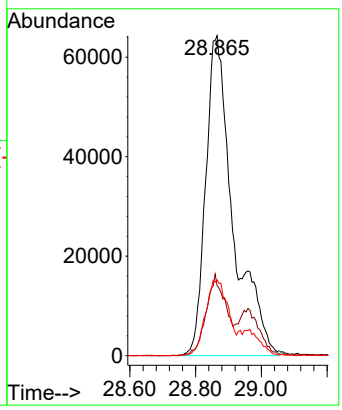




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.785 ng m
RT: 28.865 min Scan# 44
Delta R.T. -0.036 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:276 Resp: 37392

Ion	Ratio	Lower	Upper
276	100		
138	18.6	14.6	22.0
277	19.5	16.8	25.2



Instrument :
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ClientSampleId :
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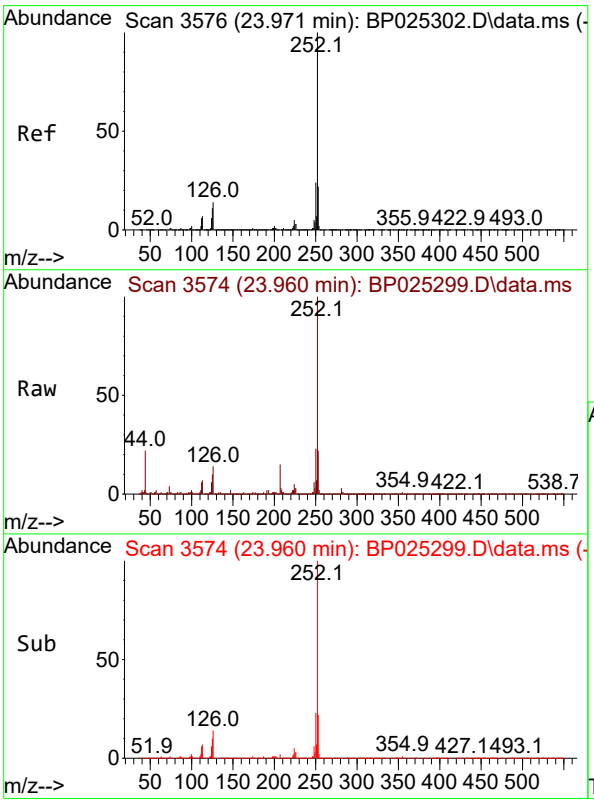
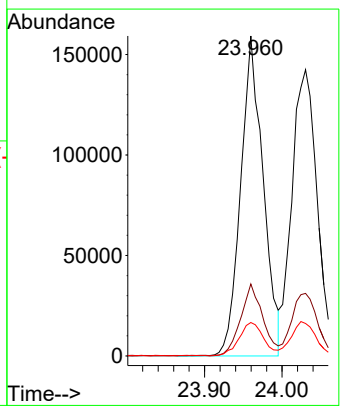
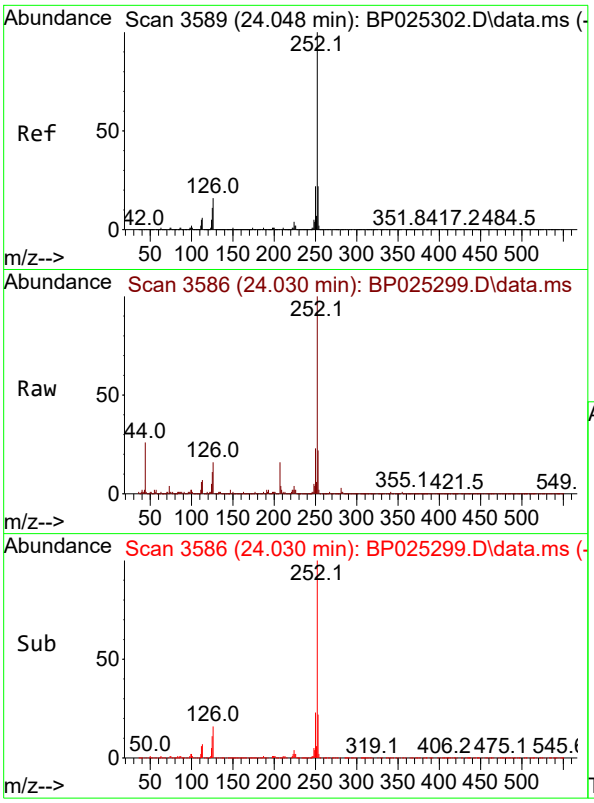


#88
Benzo(b)fluoranthene
Concen: 4.937 ng
RT: 23.960 min Scan# 3574
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:252 Resp: 321726

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.4	8.5	12.7

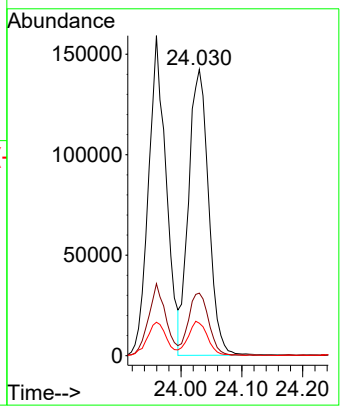




#89
Benzo(k)fluoranthene
Concen: 5.016 ng
RT: 24.030 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:252 Resp: 32409

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.3	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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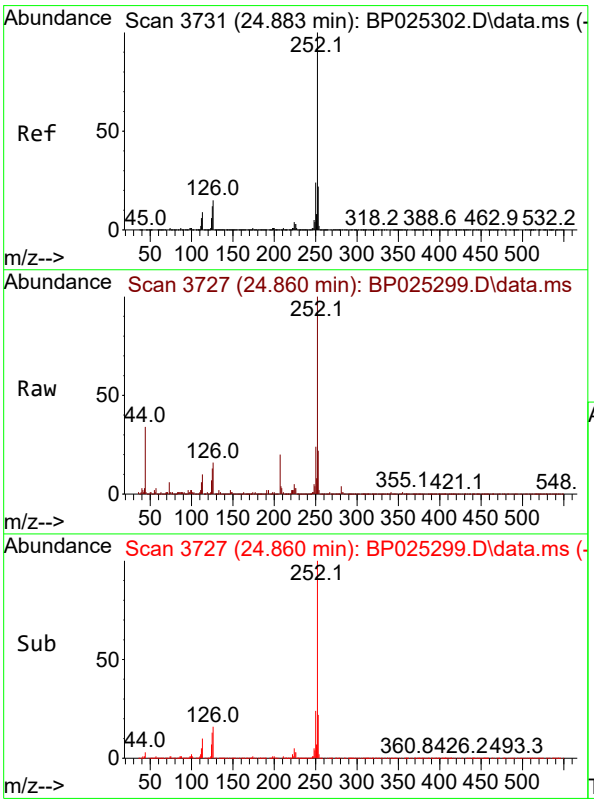
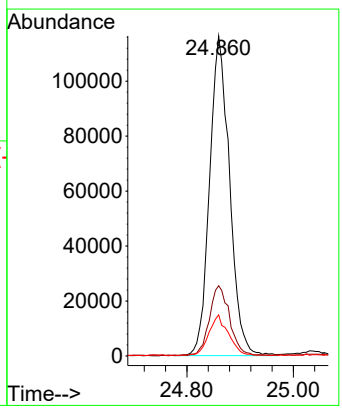
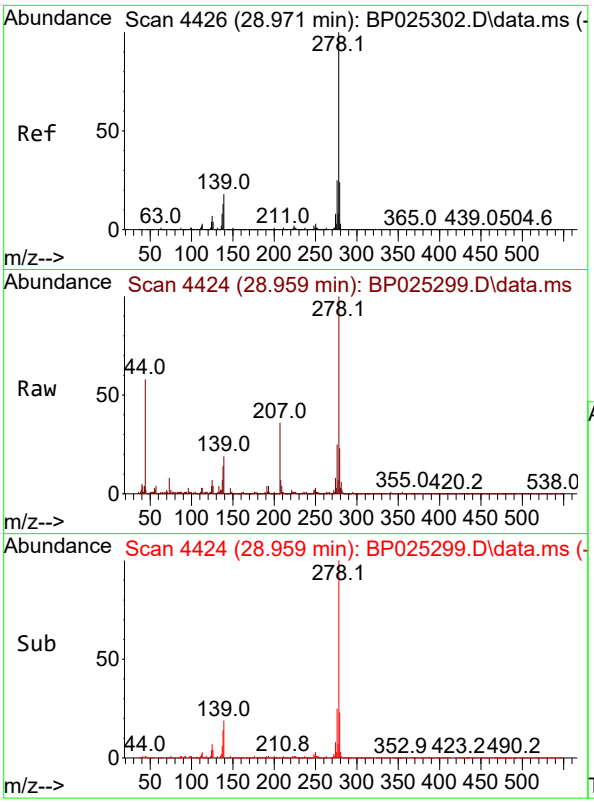


#90
Benzo(a)pyrene
Concen: 4.840 ng
RT: 24.860 min Scan# 3727
Delta R.T. -0.023 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:252 Resp: 303778

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.8	9.4	14.0

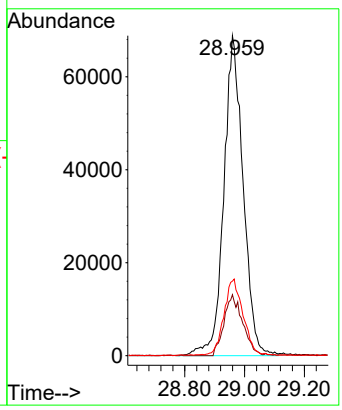




#91
Dibenzo(a,h)anthracene
Concen: 4.833 ng
RT: 28.959 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:278 Resp: 30884

Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.6	22.0
279	23.3	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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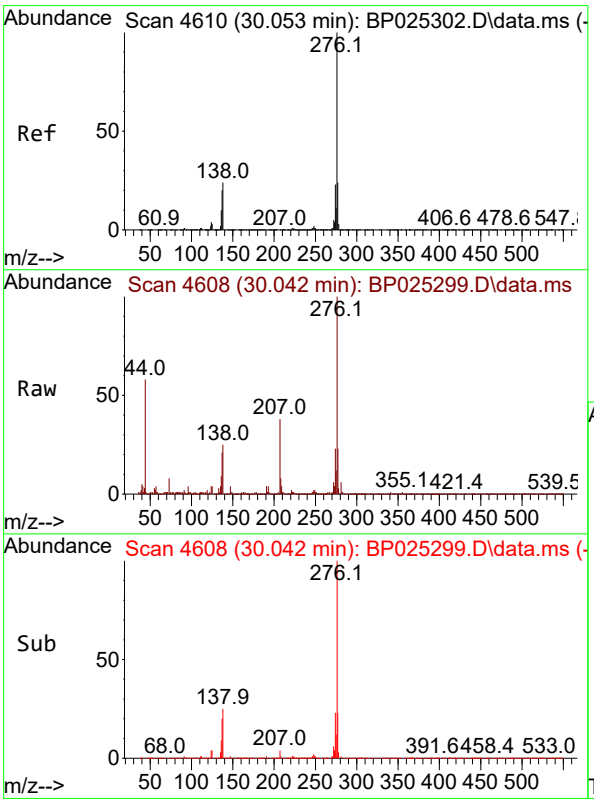
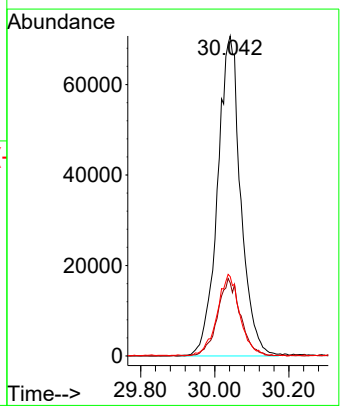
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 4.886 ng
RT: 30.042 min Scan# 4608
Delta R.T. -0.011 min
Lab File: BP025299.D
Acq: 05 Aug 2025 12:44

Tgt Ion:276 Resp: 306565

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.3	28.9
138	24.8	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025300.D
Acq On : 05 Aug 2025 13:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Aug 06 06:00:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	199588	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	845252	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	537224	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	1073622	20.000	ng		-0.01
76) Chrysene-d12	21.654	240	1112736	20.000	ng		0.00
86) Perylene-d12	25.024	264	1171338	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	243459	19.492	ng		0.00
7) Phenol-d6	6.961	99	315945	19.176	ng		0.00
23) Nitrobenzene-d5	8.937	82	282618	18.091	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	97752	17.623	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	780489	20.174	ng		0.00
79) Terphenyl-d14	19.942	244	1204621	20.452	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	50082	10.227	ng		97
3) Pyridine	3.725	79	134101	9.856	ng		95
4) n-Nitrosodimethylamine	3.643	42	60618	9.597	ng	#	95
6) Aniline	7.131	93	209460	9.343	ng		98
8) 2-Chlorophenol	7.372	128	126166	9.288	ng		97
9) Benzaldehyde	6.949	77	112991	9.741	ng		99
10) Phenol	6.984	94	167307	9.575	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	130843	9.556	ng		100
12) 1,3-Dichlorobenzene	7.696	146	151188	9.906	ng		98
13) 1,4-Dichlorobenzene	7.837	146	150627	9.755	ng		100
14) 1,2-Dichlorobenzene	8.155	146	144777	9.679	ng		98
15) Benzyl Alcohol	8.025	79	112727	8.905	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.325	45	208708	9.650	ng		98
17) 2-Methylphenol	8.225	107	108323	9.264	ng		99
18) Hexachloroethane	8.878	117	53085	9.613	ng		99
19) n-Nitroso-di-n-propyla...	8.590	70	102413	9.544	ng		99
20) 3+4-Methylphenols	8.543	107	144425	8.970	ng		100
22) Acetophenone	8.608	105	210356	9.914	ng	#	98
24) Nitrobenzene	8.978	77	132011	9.140	ng		99
25) Isophorone	9.502	82	288268	9.492	ng		98
26) 2-Nitrophenol	9.684	139	35903	8.913	ng		98
27) 2,4-Dimethylphenol	9.743	122	135004	9.642	ng		99
28) bis(2-Chloroethoxy)met...	9.978	93	175188	9.483	ng		97
29) 2,4-Dichlorophenol	10.213	162	109548	8.937	ng		98
30) 1,2,4-Trichlorobenzene	10.437	180	132056	9.765	ng		96
31) Naphthalene	10.625	128	428389	9.763	ng		100
32) Benzoic acid	9.796	122	29602	10.101	ng		97
33) 4-Chloroaniline	10.719	127	183806	9.419	ng		100
34) Hexachlorobutadiene	10.919	225	75081	9.671	ng		97
35) Caprolactam	11.449	113	40323	8.461	ng		97
36) 4-Chloro-3-methylphenol	11.831	107	127937	9.020	ng		98
37) 2-Methylnaphthalene	12.225	142	276185	9.724	ng		98
38) 1-Methylnaphthalene	12.449	142	288814	9.746	ng		98
40) 1,2,4,5-Tetrachloroben...	12.596	216	142243	9.698	ng		99
41) Hexachlorocyclopentadiene	12.584	237	78172	8.636	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	80839	8.532	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025300.D
Acq On : 05 Aug 2025 13:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Aug 06 06:00:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

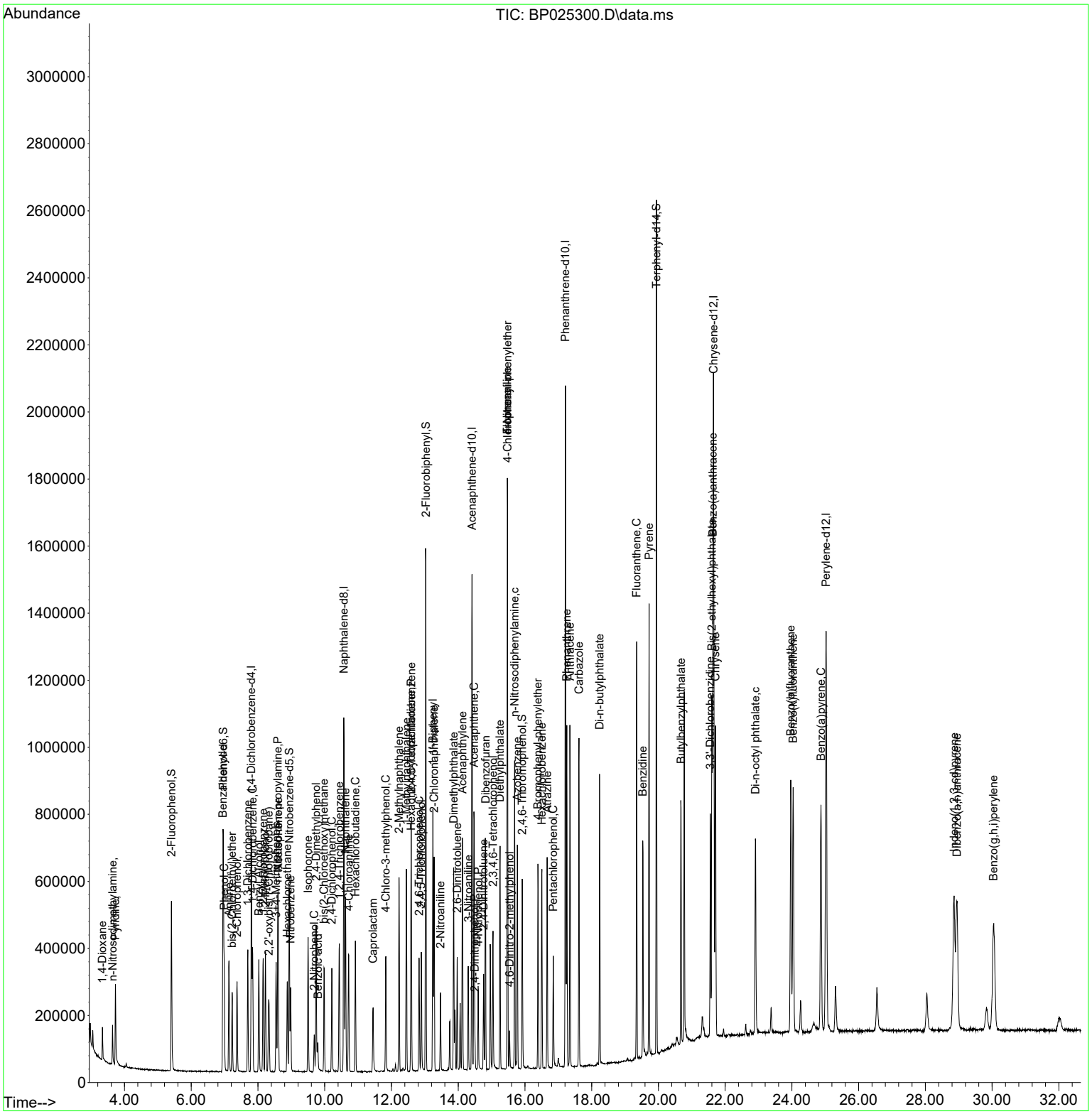
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	91922	8.648	ng		99
46) 1,1'-Biphenyl	13.243	154	392401	9.911	ng		99
47) 2-Chloronaphthalene	13.278	162	295035	9.768	ng		99
48) 2-Nitroaniline	13.472	65	56938	9.002	ng		98
49) Acenaphthylene	14.125	152	494624	9.817	ng		100
50) Dimethylphthalate	13.866	163	376892	9.624	ng		99
51) 2,6-Dinitrotoluene	13.972	165	58404	8.085	ng		98
52) Acenaphthene	14.472	154	300858	9.790	ng		99
53) 3-Nitroaniline	14.301	138	68662	8.123	ng	#	94
54) 2,4-Dinitrophenol	14.501	184	15825	9.839	ng	#	76
55) Dibenzofuran	14.819	168	459701	10.010	ng		98
56) 4-Nitrophenol	14.601	139	53432	7.162	ng		96
57) 2,4-Dinitrotoluene	14.760	165	69027	9.001	ng		87
58) Fluorene	15.472	166	375406	10.408	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.043	232	76798	8.599	ng		99
60) Diethylphthalate	15.254	149	380275	9.631	ng		99
61) 4-Chlorophenyl-phenyle...	15.478	204	171438	10.026	ng		99
62) 4-Nitroaniline	15.472	138	70585	8.428	ng		93
63) Azobenzene	15.772	77	359853	9.811	ng		98
65) 4,6-Dinitro-2-methylph...	15.543	198	22067	10.172	ng		95
66) n-Nitrosodiphenylamine	15.690	169	322596	9.868	ng		99
67) 4-Bromophenyl-phenylether	16.390	248	104373	9.662	ng		98
68) Hexachlorobenzene	16.507	284	119372	9.848	ng		97
69) Atrazine	16.666	200	106765	9.287	ng		99
70) Pentachlorophenol	16.848	266	55907	7.240	ng		95
71) Phenanthrene	17.254	178	590839	10.048	ng		99
72) Anthracene	17.348	178	586562	9.893	ng		99
73) Carbazole	17.619	167	573898	10.083	ng		99
74) Di-n-butylphthalate	18.236	149	637721	9.262	ng		99
75) Fluoranthene	19.348	202	691537	10.159	ng		98
77) Benzidine	19.531	184	371909	9.234	ng		99
78) Pyrene	19.719	202	730793	9.876	ng		99
80) Butylbenzylphthalate	20.678	149	229970	7.663	ng		97
81) Benzo(a)anthracene	21.630	228	727727	9.842	ng		98
82) 3,3'-Dichlorobenzidine	21.554	252	230264	8.826	ng		99
83) Chrysene	21.707	228	663697	9.677	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	396772	8.280	ng		100
85) Di-n-octyl phthalate	22.907	149	562282	7.010	ng		98
87) Indeno(1,2,3-cd)pyrene	28.859	276	762632	9.070	ng		99
88) Benzo(b)fluoranthene	23.966	252	674021	9.613	ng		99
89) Benzo(k)fluoranthene	24.036	252	670628	9.648	ng		99
90) Benzo(a)pyrene	24.871	252	648807	9.608	ng		99
91) Dibenzo(a,h)anthracene	28.948	278	630715	9.173	ng		99
92) Benzo(g,h,i)perylene	30.042	276	615632	9.120	ng		98

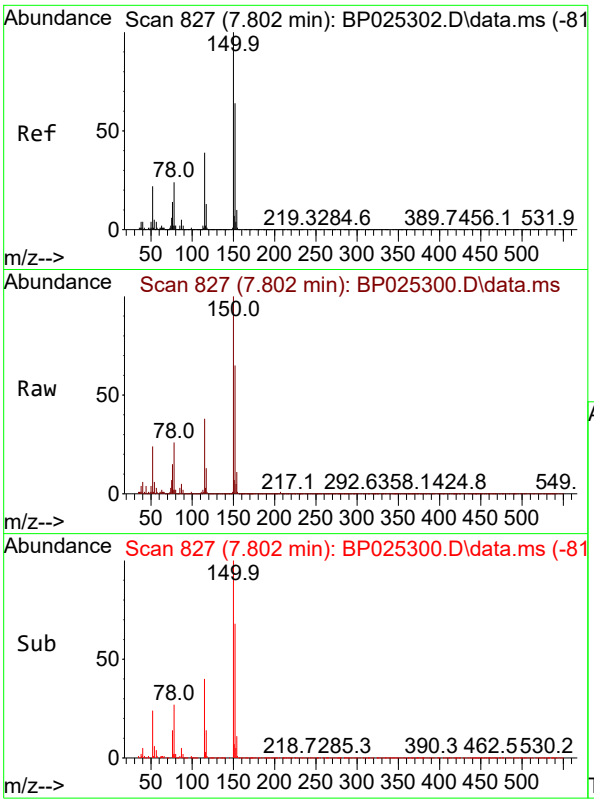
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025300.D
Acq On : 05 Aug 2025 13:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Aug 06 06:00:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration



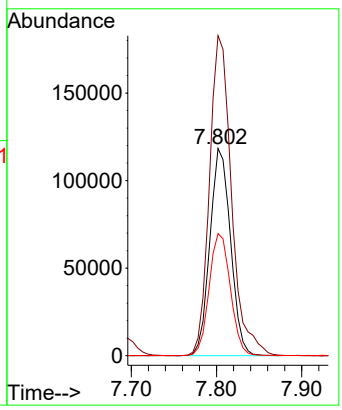


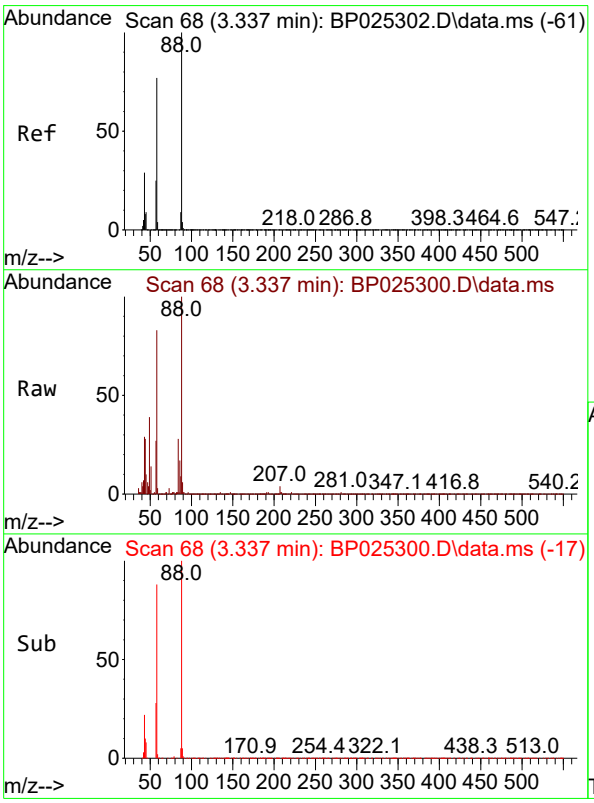
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 199588

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.1	187.7
115	58.9	48.4	72.6

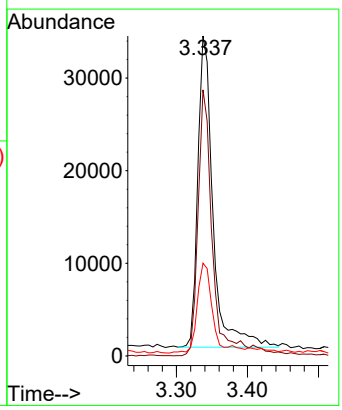


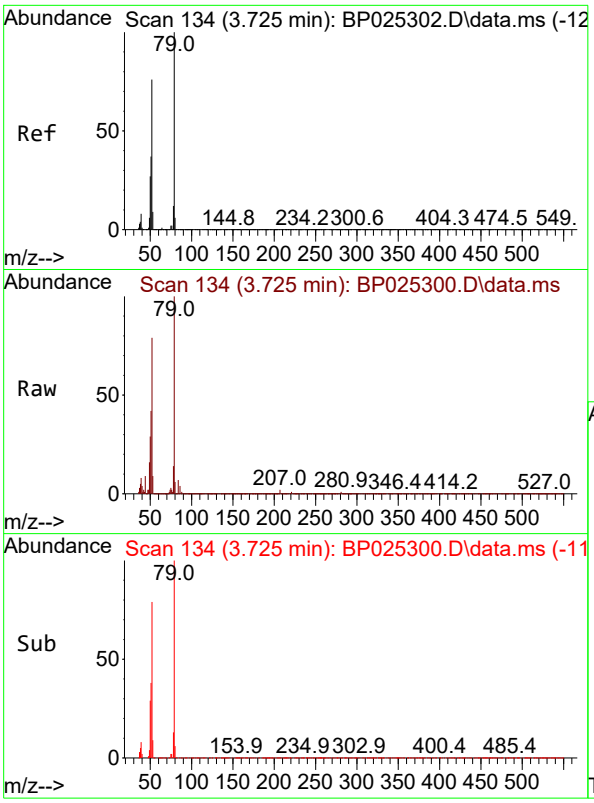


#2
1,4-Dioxane
Concen: 10.227 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 88 Resp: 50082

Ion	Ratio	Lower	Upper
88	100		
58	79.3	61.9	92.9
43	27.8	24.2	36.2



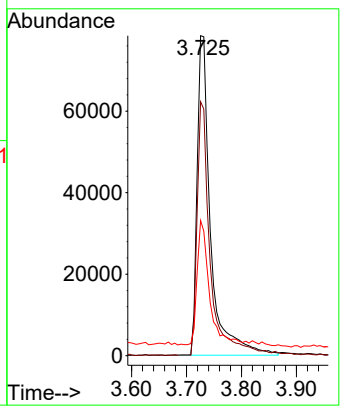


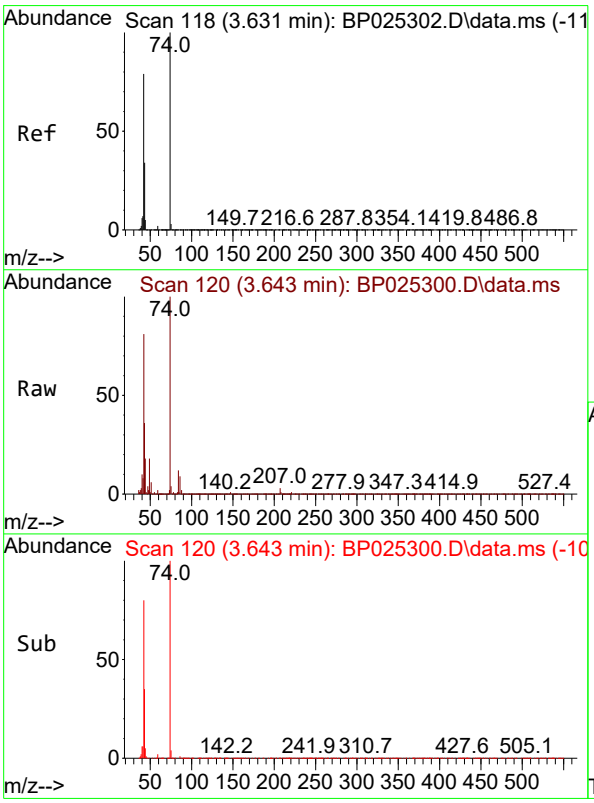
#3
Pyridine
Concen: 9.856 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 134101

Ion	Ratio	Lower	Upper
79	100		
52	79.4	60.5	90.7
51	42.2	30.2	45.2

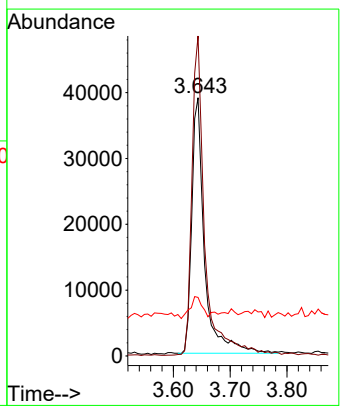


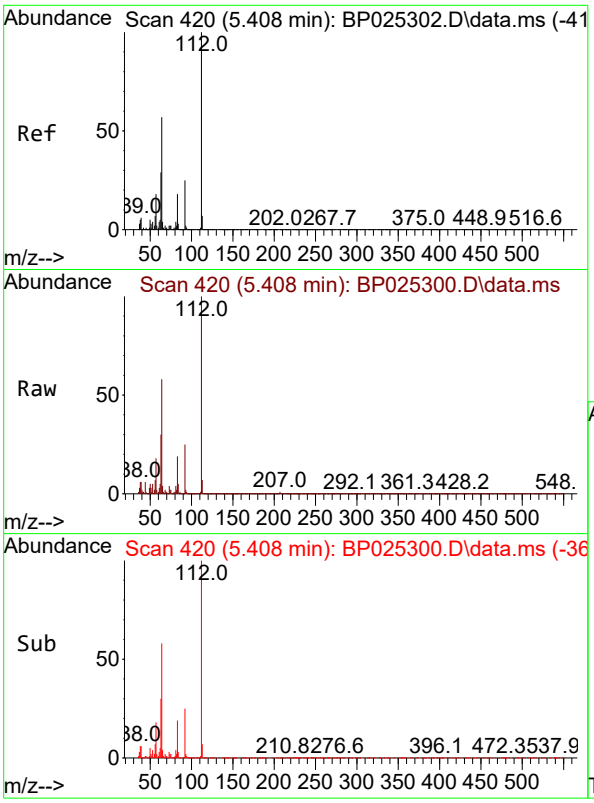


#4
n-Nitrosodimethylamine
Concen: 9.597 ng
RT: 3.643 min Scan# 120
Delta R.T. 0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 42 Resp: 60618

Ion	Ratio	Lower	Upper
42	100		
74	123.9	101.4	152.2
44	22.7	7.6	11.4#



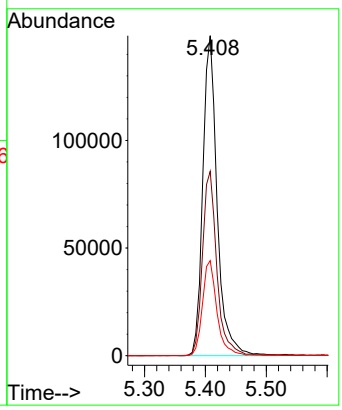


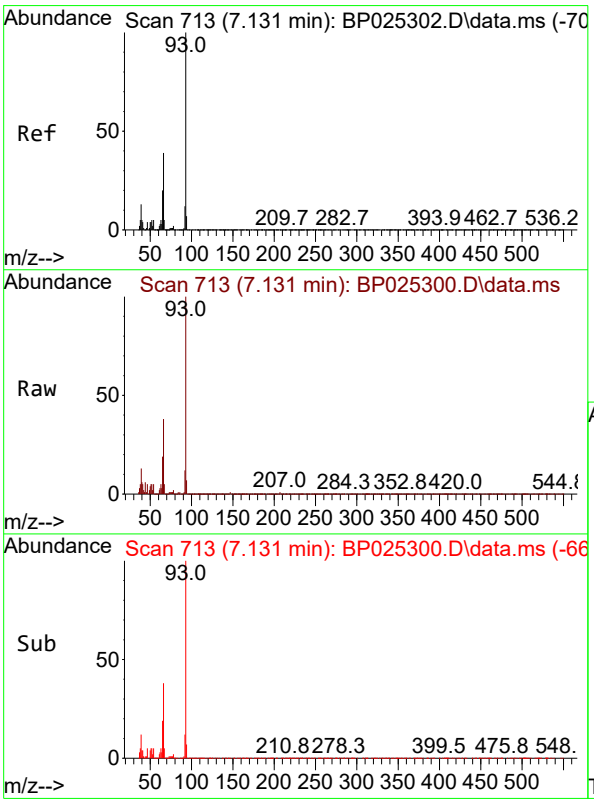
#5
2-Fluorophenol
Concen: 19.492 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 243459

Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.3	67.9
63	29.7	23.0	34.6

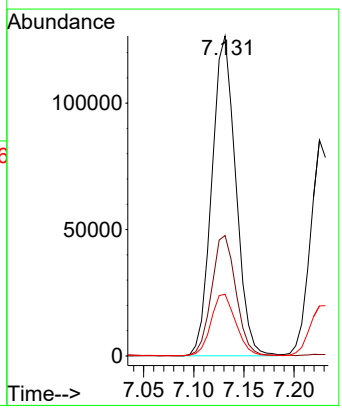


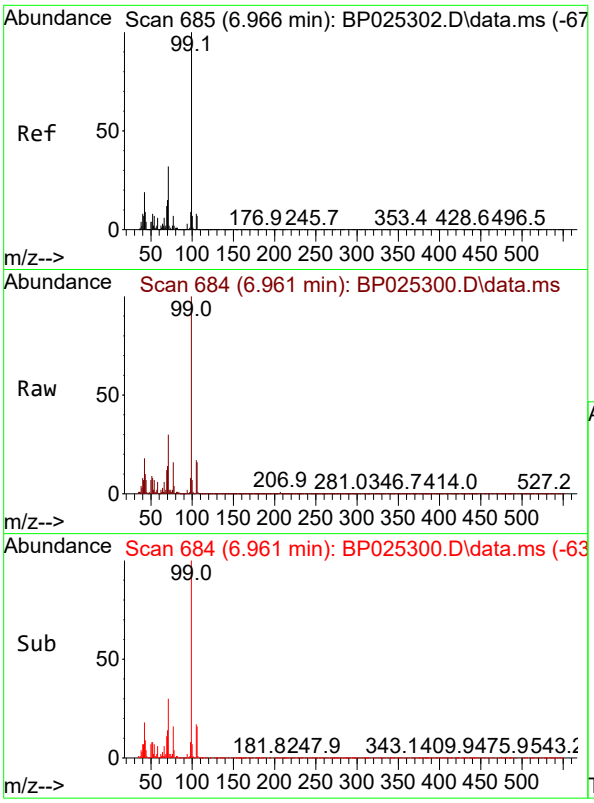


#6
Aniline
Concen: 9.343 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 93 Resp: 209460

Ion	Ratio	Lower	Upper
93	100		
66	37.6	31.1	46.7
65	19.3	15.8	23.8



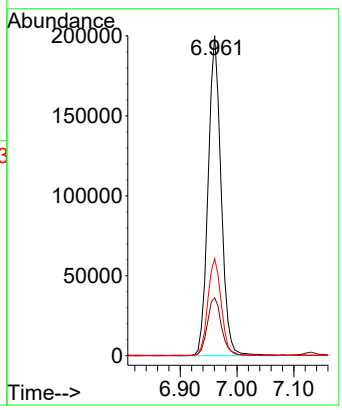


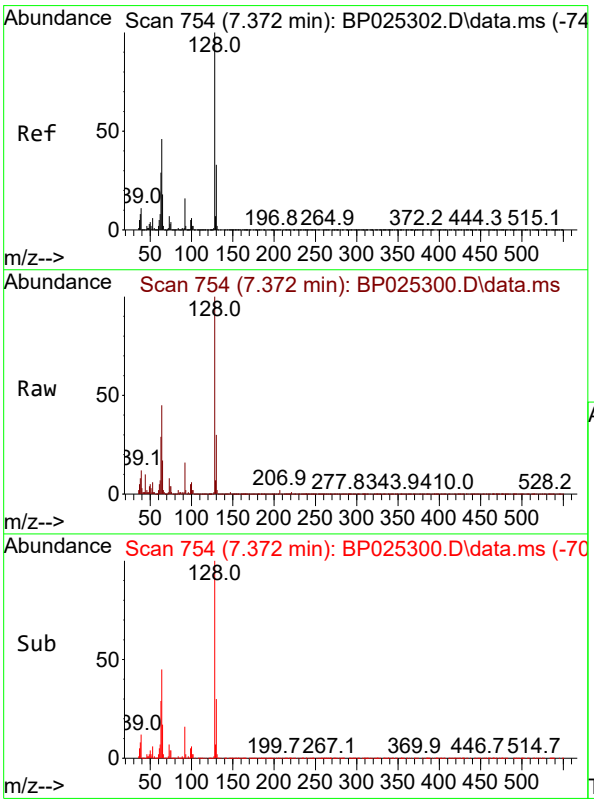
#7
Phenol-d6
Concen: 19.176 ng
RT: 6.961 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 315945

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.6
71	30.3	25.5	38.3

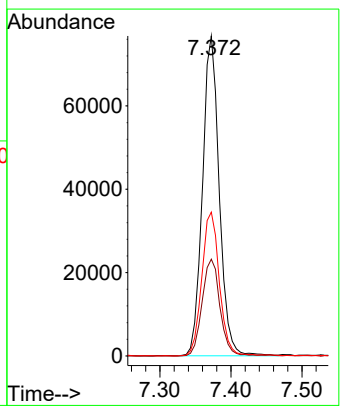


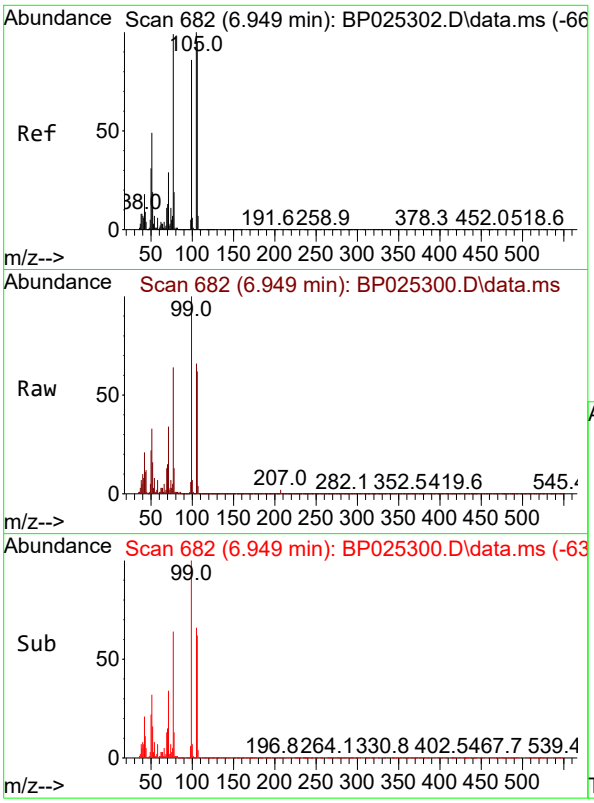


#8
2-Chlorophenol
Concen: 9.288 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:128 Resp: 126166

Ion	Ratio	Lower	Upper
128	100		
130	30.3	13.1	53.1
64	45.0	26.1	66.1



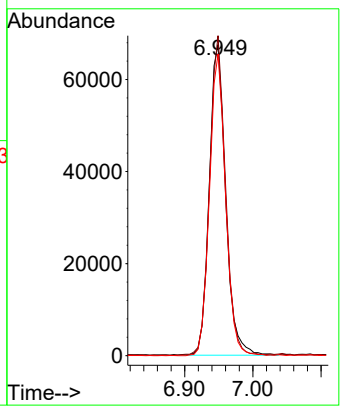


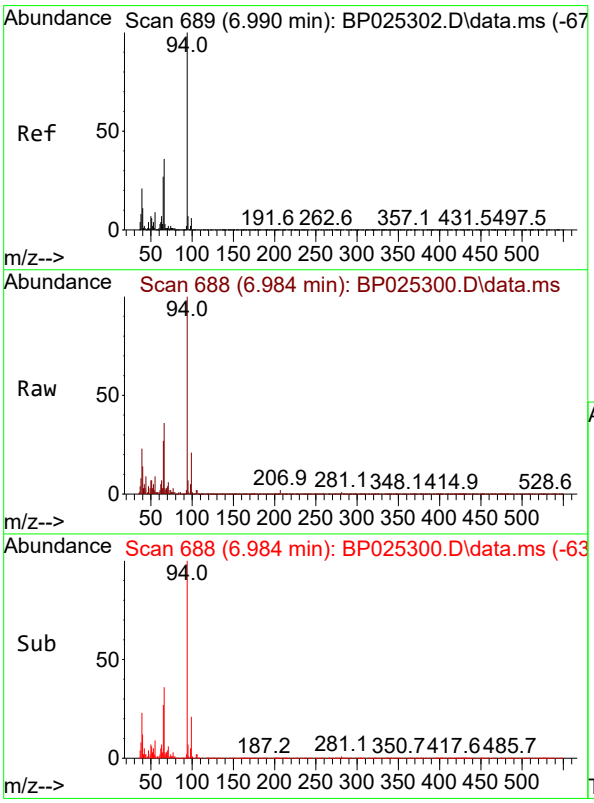
#9
Benzaldehyde
Concen: 9.741 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 112991

Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.4	121.4
106	97.0	76.2	116.2

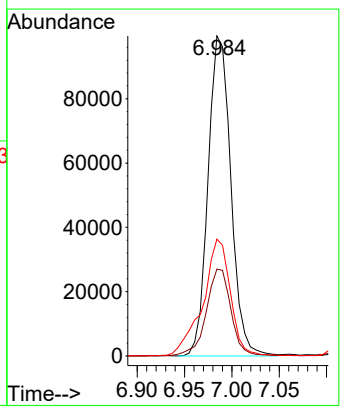


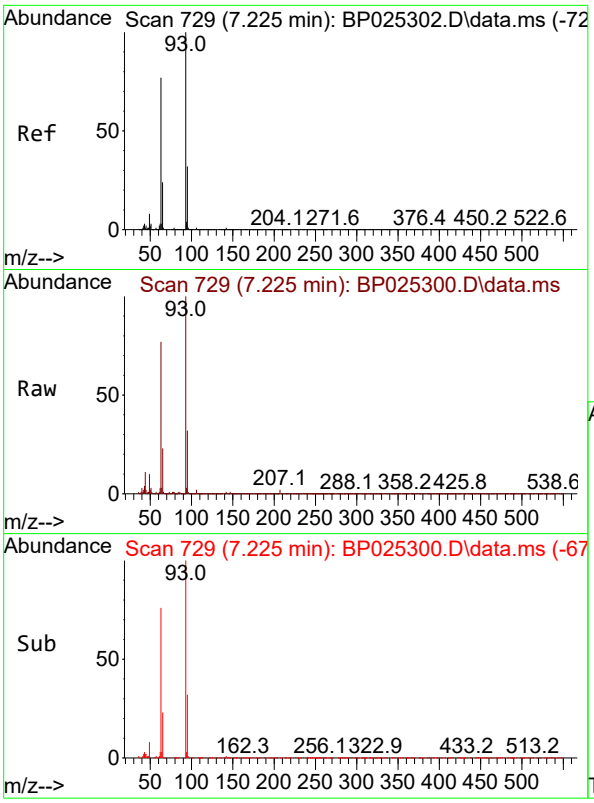


#10
Phenol
Concen: 9.575 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 94 Resp: 167307

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.3	47.3
66	36.5	15.7	55.7



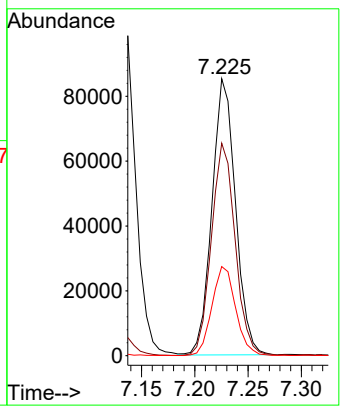


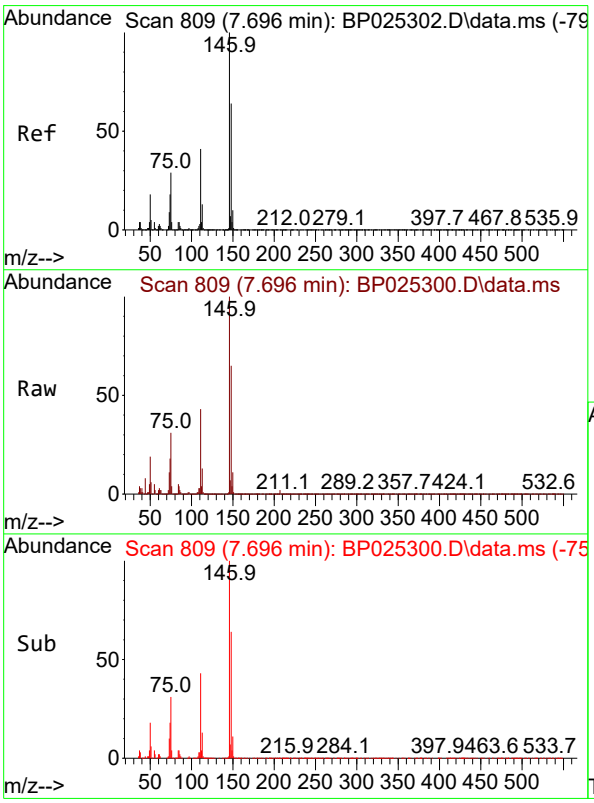
#11
bis(2-Chloroethyl)ether
Concen: 9.556 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 130843

Ion	Ratio	Lower	Upper
93	100		
63	76.8	57.0	97.0
95	32.2	12.1	52.1

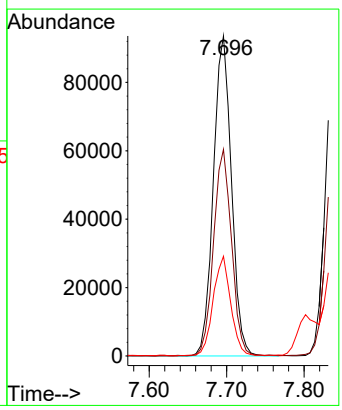


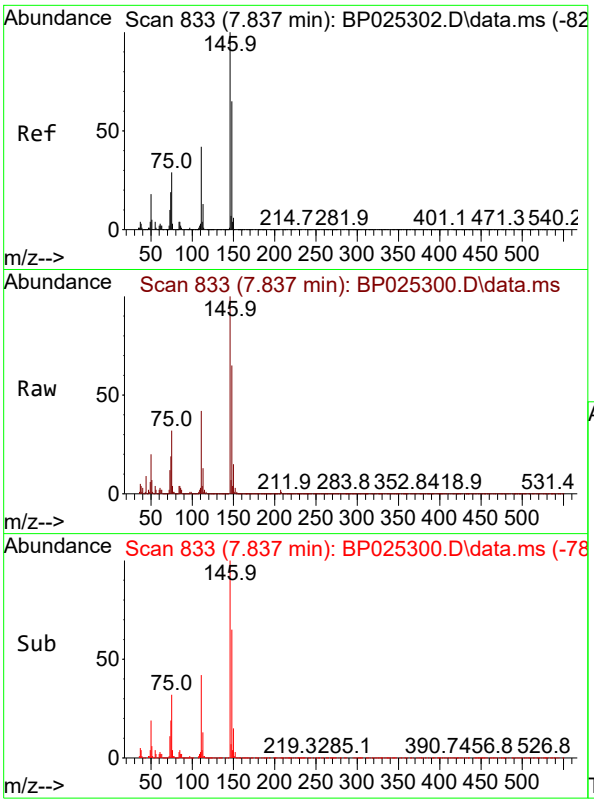


#12
1,3-Dichlorobenzene
Concen: 9.906 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:146 Resp: 151188

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
75	31.2	23.2	34.8



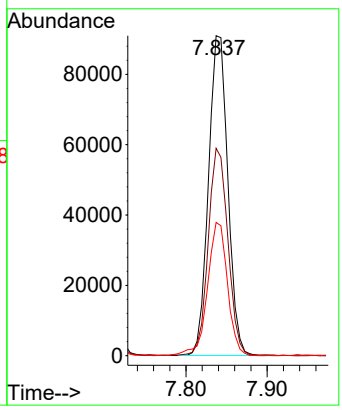


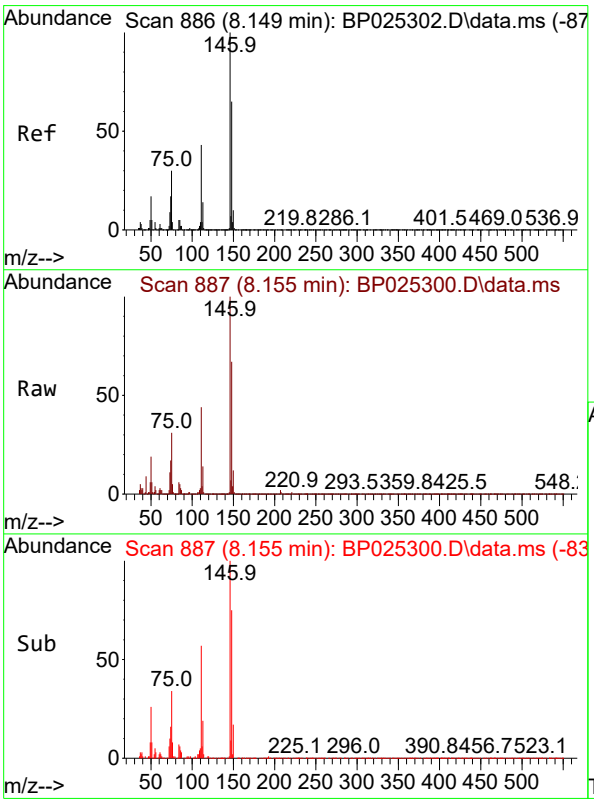
#13
1,4-Dichlorobenzene
Concen: 9.755 ng
RT: 7.837 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 150627

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	41.7	33.2	49.8

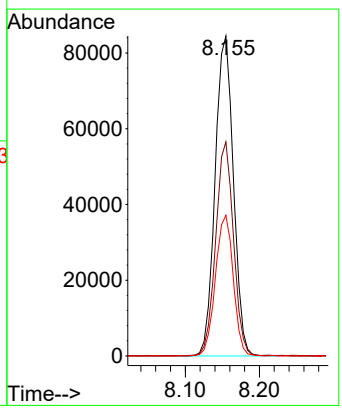


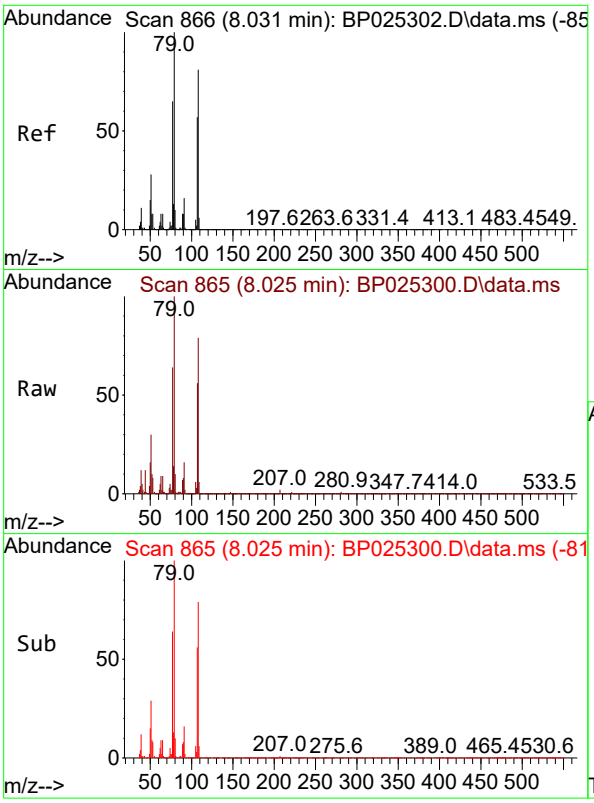


#14
1,2-Dichlorobenzene
Concen: 9.679 ng
RT: 8.155 min Scan# 887
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:146 Resp: 144777

Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.9	77.9
111	43.9	34.4	51.6



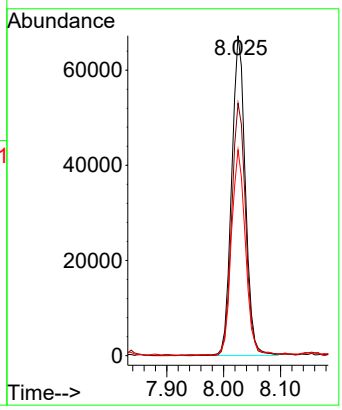


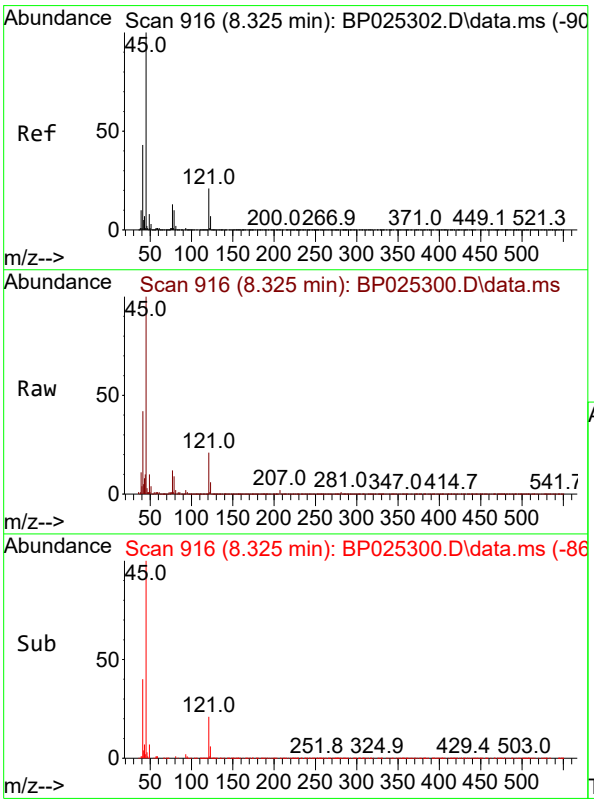
#15
Benzyl Alcohol
Concen: 8.905 ng
RT: 8.025 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 112727

Ion	Ratio	Lower	Upper
79	100		
108	78.9	64.5	96.7
77	64.3	51.9	77.9

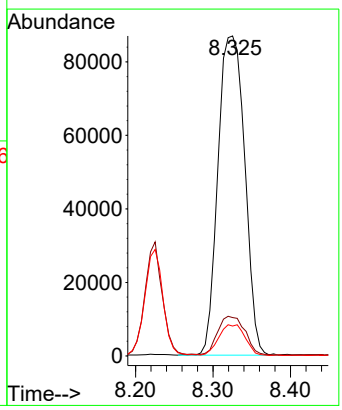


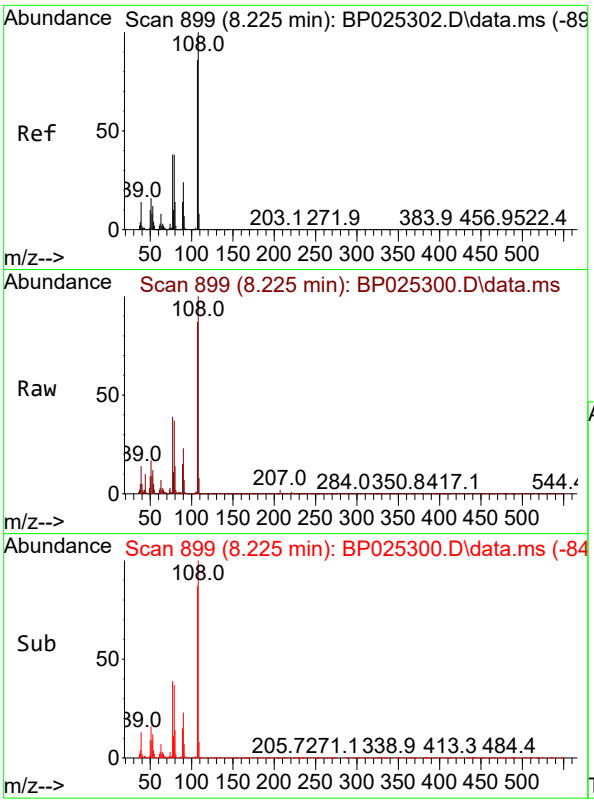


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.650 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 45 Resp: 208708

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	33.0
79	9.4	0.0	29.8



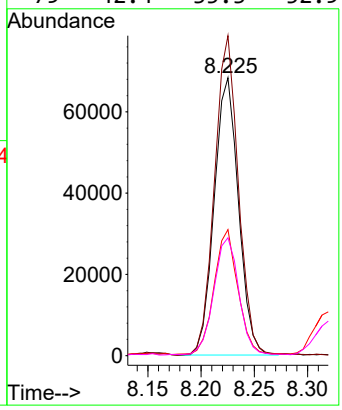


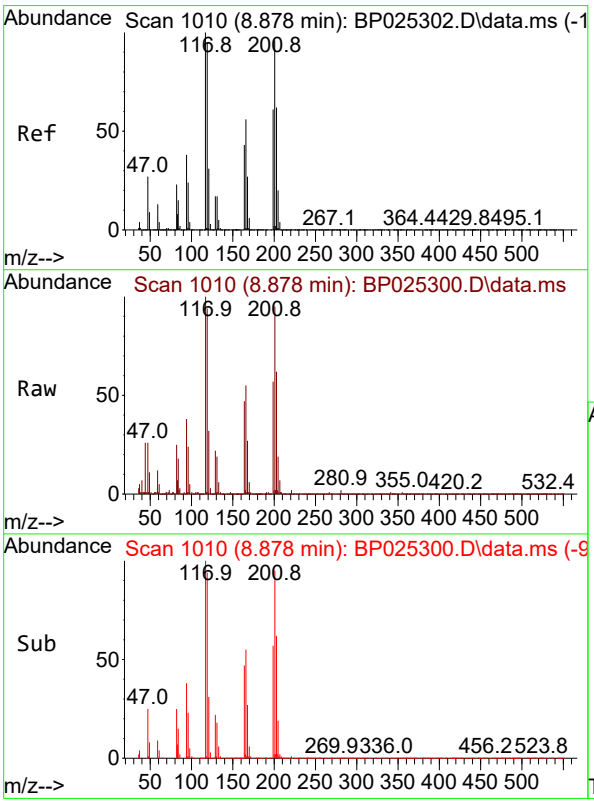
#17
2-Methylphenol
Concen: 9.264 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 108323

Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.6	139.0
77	45.4	35.4	53.2
79	42.4	35.3	52.9

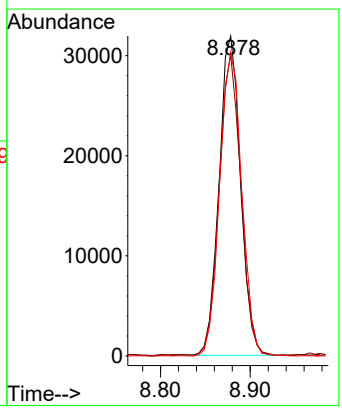


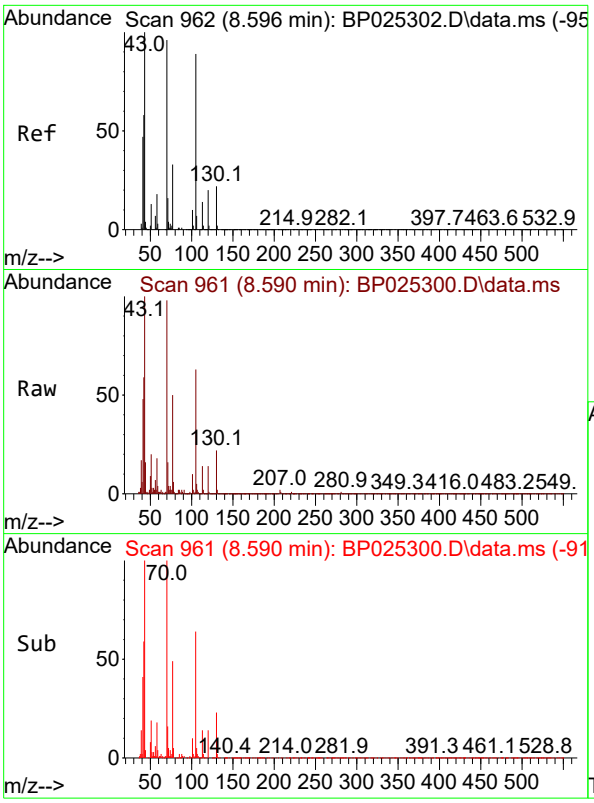


#18
Hexachloroethane
Concen: 9.613 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:117 Resp: 53085

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.8	113.8
201	94.9	76.6	114.8



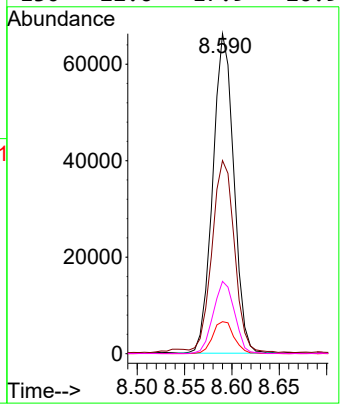


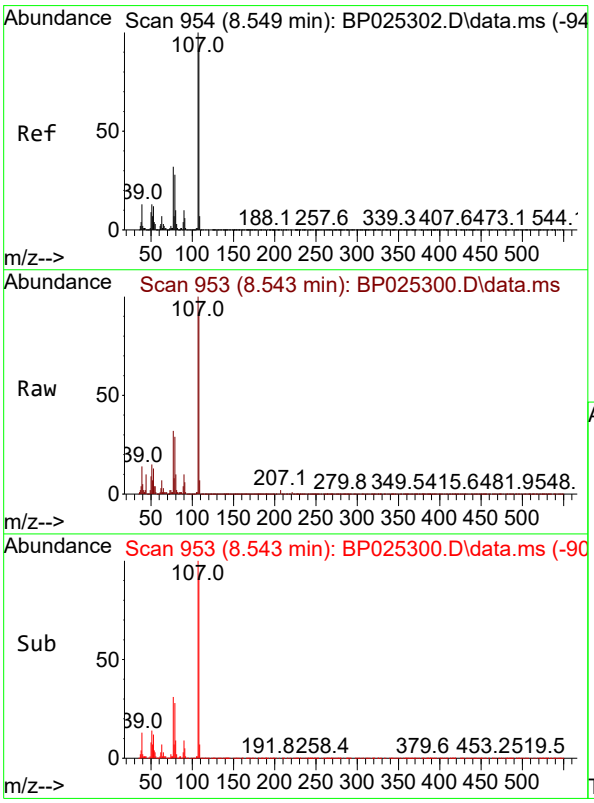
#19
n-Nitroso-di-n-propylamine
Concen: 9.544 ng
RT: 8.590 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 102413

Ion	Ratio	Lower	Upper
70	100		
42	60.4	49.4	74.0
101	10.0	7.9	11.9
130	22.6	17.9	26.9

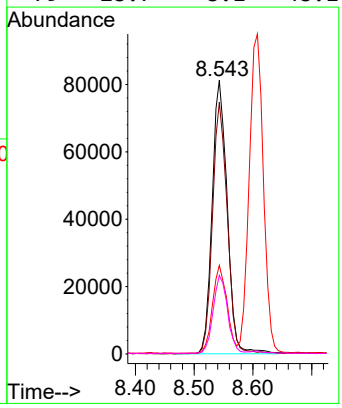


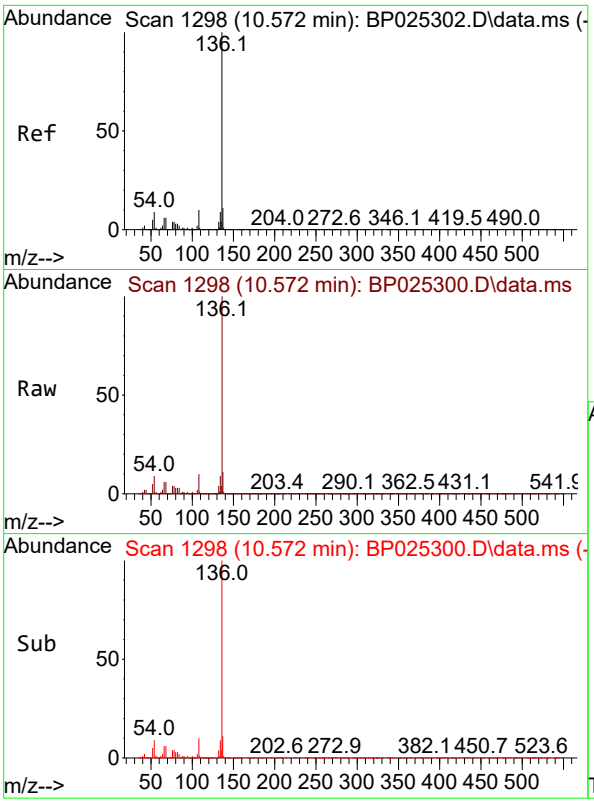


#20
3+4-Methylphenols
Concen: 8.970 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:107 Resp: 144425

Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.9	111.9
77	32.4	12.0	52.0
79	28.7	8.1	48.1



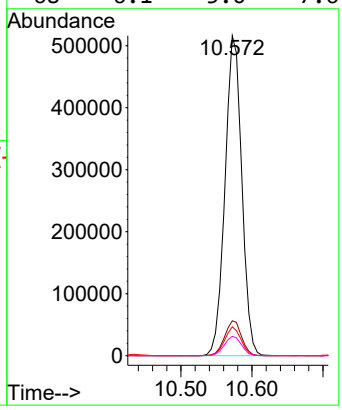


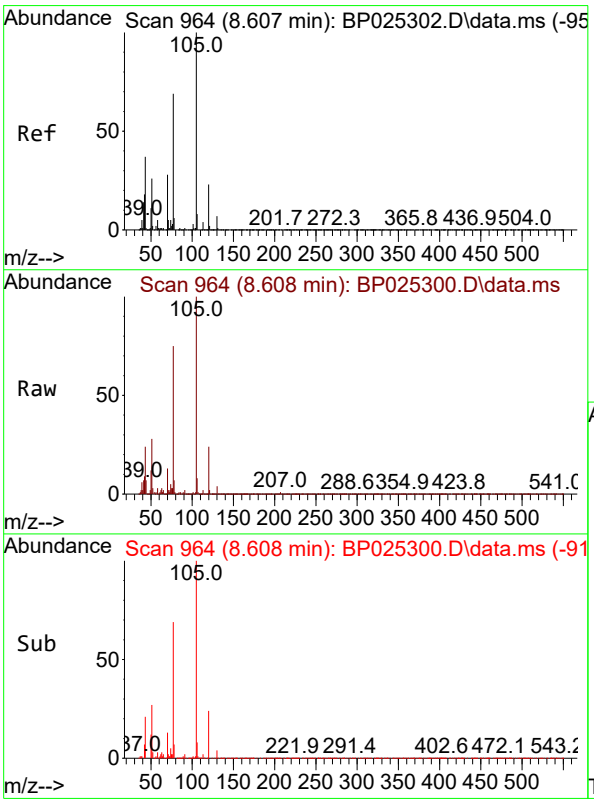
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 845252

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	7.0	10.6
68	6.1	5.0	7.6

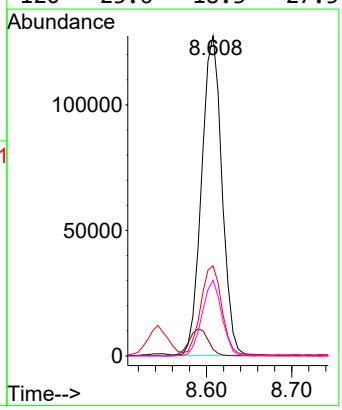


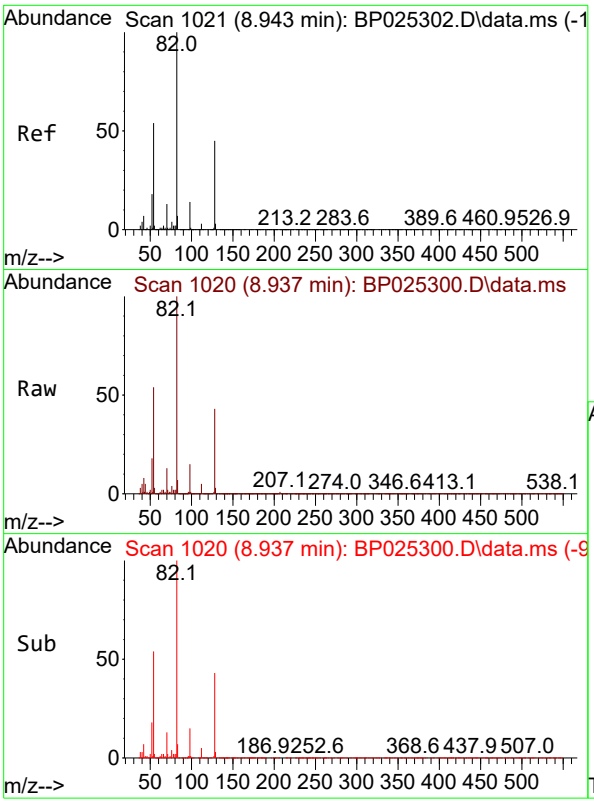


#22
Acetophenone
Concen: 9.914 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:105 Resp: 210356

Ion	Ratio	Lower	Upper
105	100		
71	2.1	4.1	6.1#
51	28.1	22.7	34.1
120	23.6	18.3	27.5



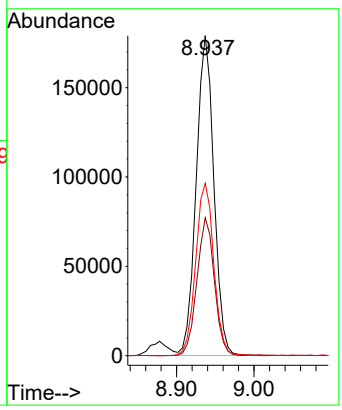


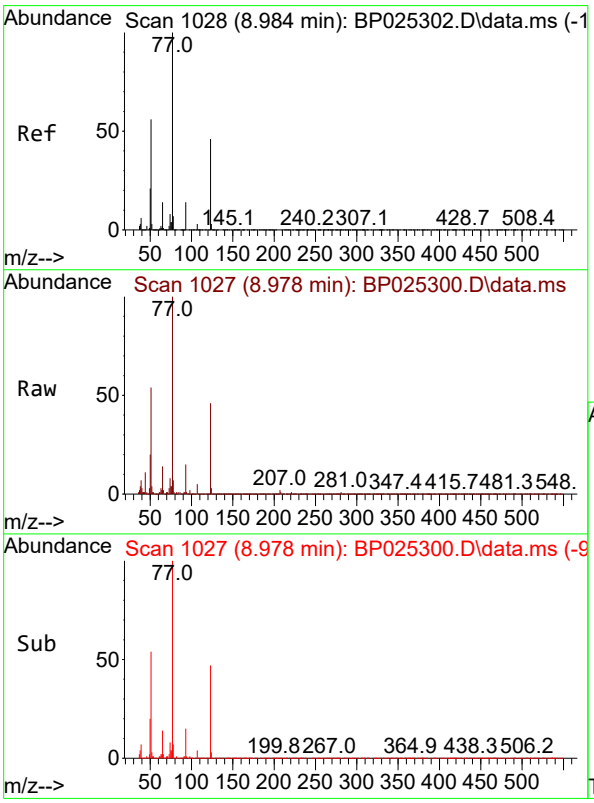
#23
Nitrobenzene-d5
Concen: 18.091 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 282618

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.4	53.2
54	53.9	42.9	64.3

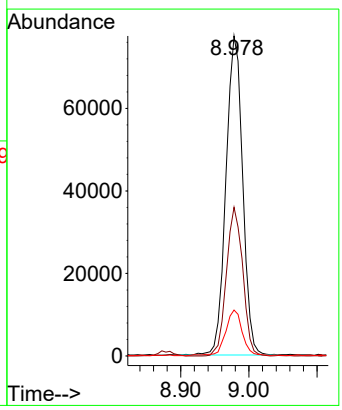


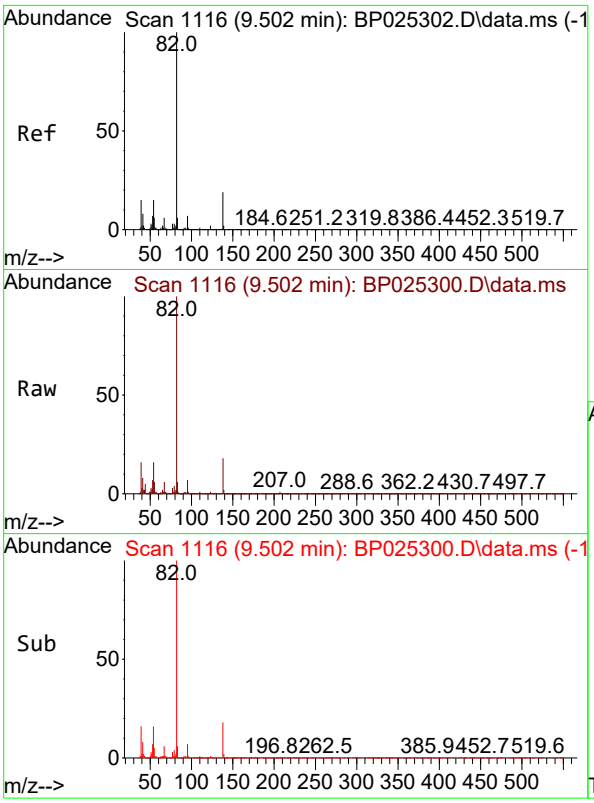


#24
Nitrobenzene
Concen: 9.140 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 77 Resp: 132011

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.4	56.2
65	14.3	11.1	16.7



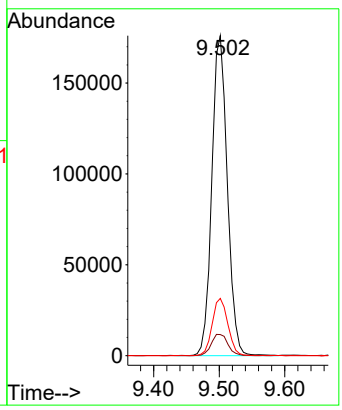


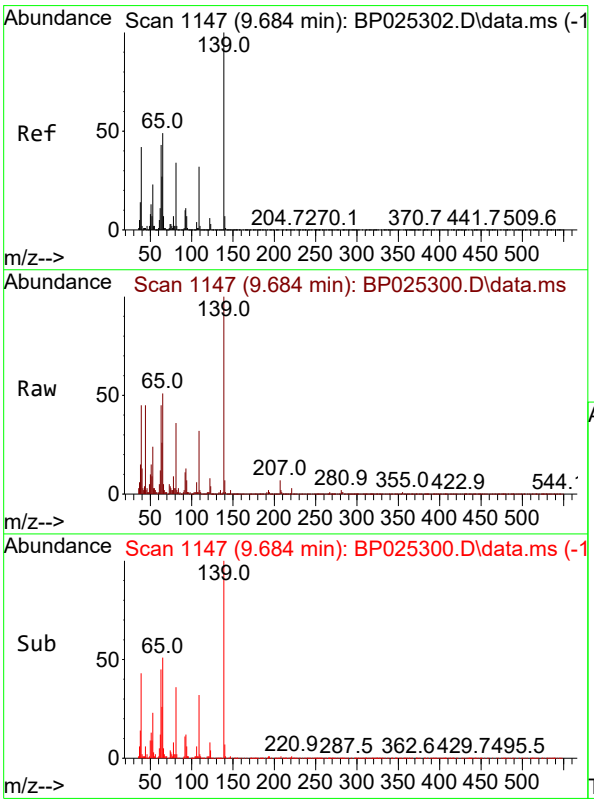
#25
Isophorone
Concen: 9.492 ng
RT: 9.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 288268

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.7	8.5
138	17.9	15.0	22.6

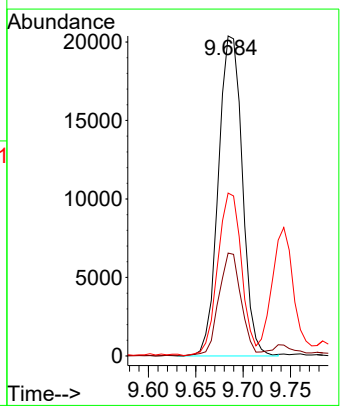


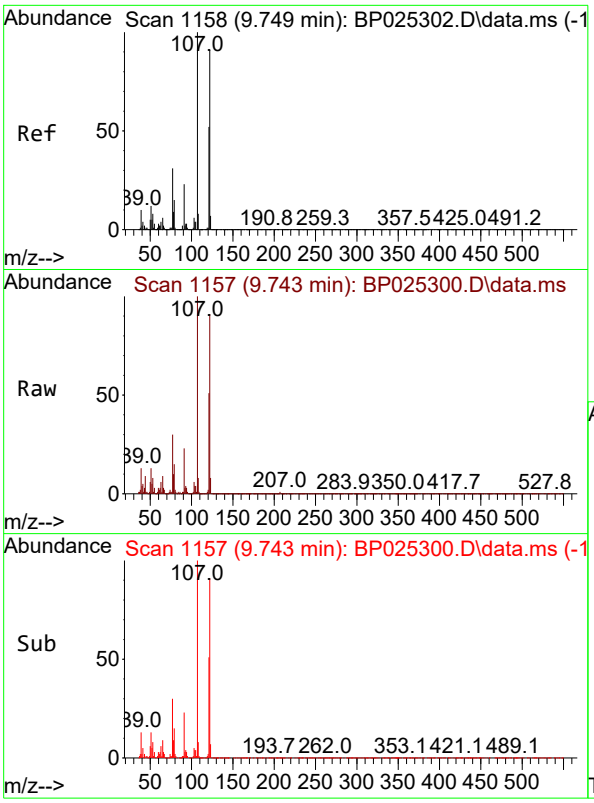


#26
2-Nitrophenol
Concen: 8.913 ng
RT: 9.684 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:139 Resp: 35903

Ion	Ratio	Lower	Upper
139	100		
109	32.1	25.2	37.8
65	50.9	39.6	59.4



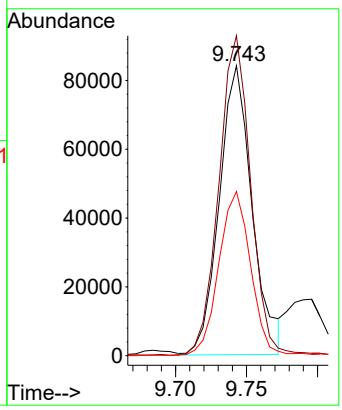


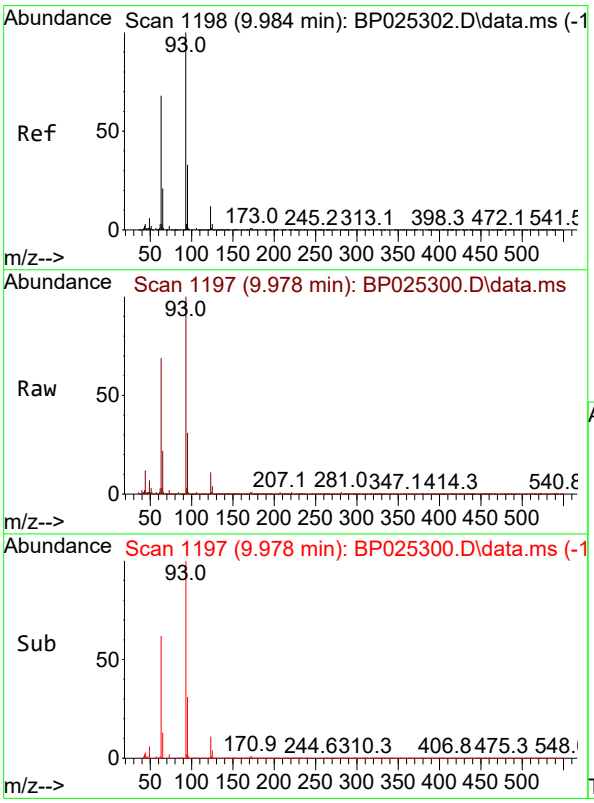
#27
2,4-Dimethylphenol
Concen: 9.642 ng
RT: 9.743 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 135004

Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.4	131.0
121	56.6	45.8	68.8

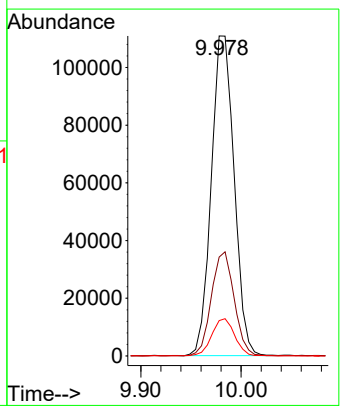


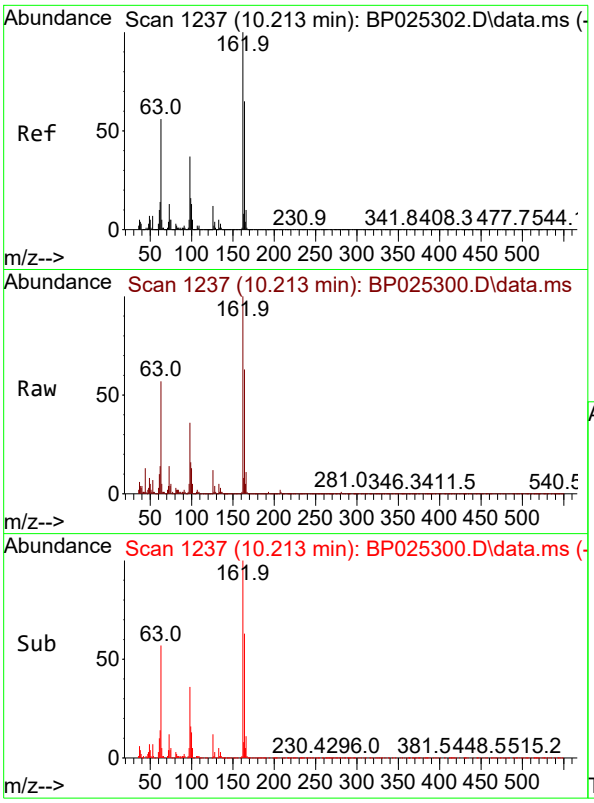


#28
bis(2-Chloroethoxy)methane
Concen: 9.483 ng
RT: 9.978 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 93 Resp: 175188

Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.5	39.7
123	11.1	9.4	14.2



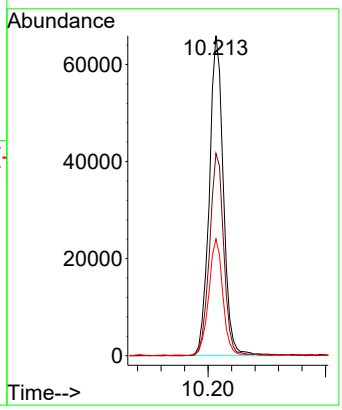


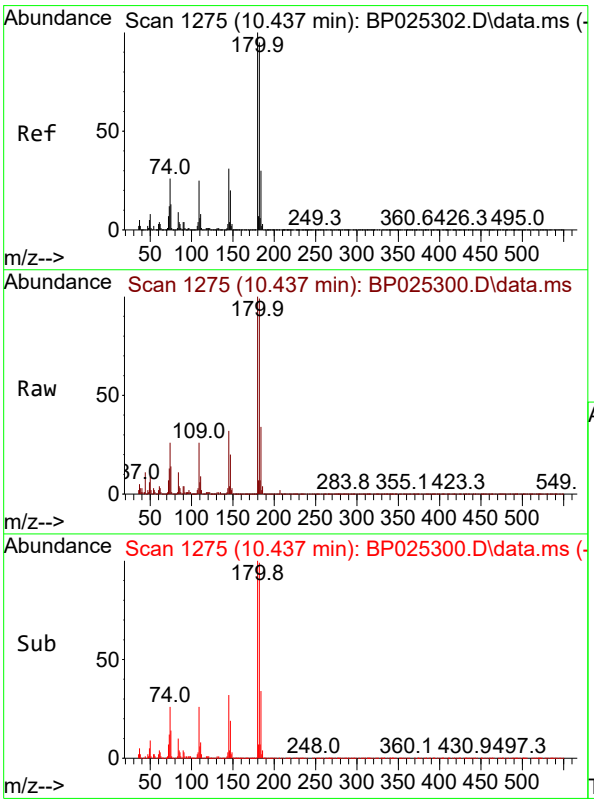
#29
2,4-Dichlorophenol
Concen: 8.937 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 109548

Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.2	85.2
98	36.5	17.5	57.5

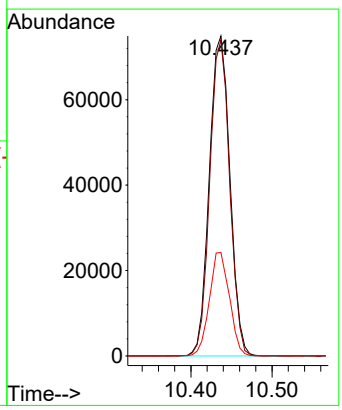


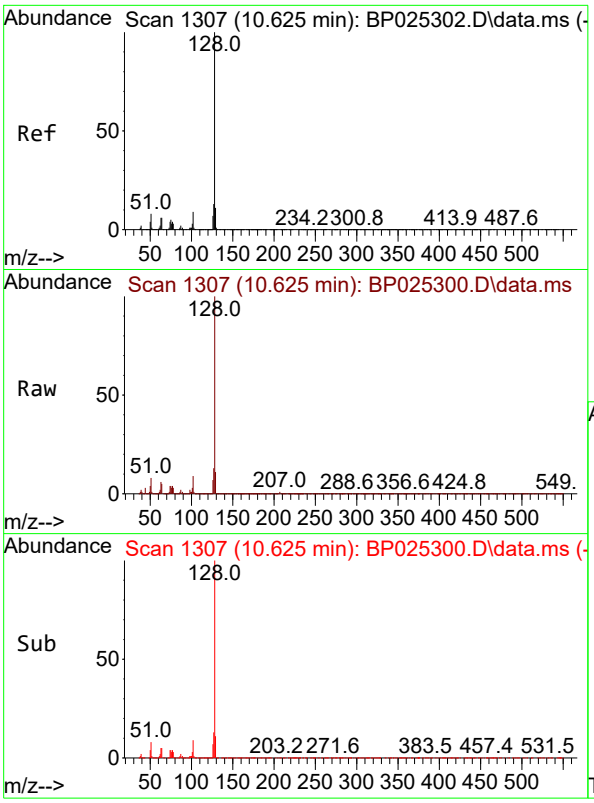


#30
1,2,4-Trichlorobenzene
Concen: 9.765 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:180 Resp: 132056

Ion	Ratio	Lower	Upper
180	100		
182	98.7	75.8	113.8
145	32.4	25.0	37.4



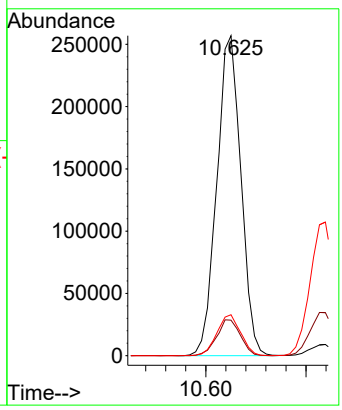


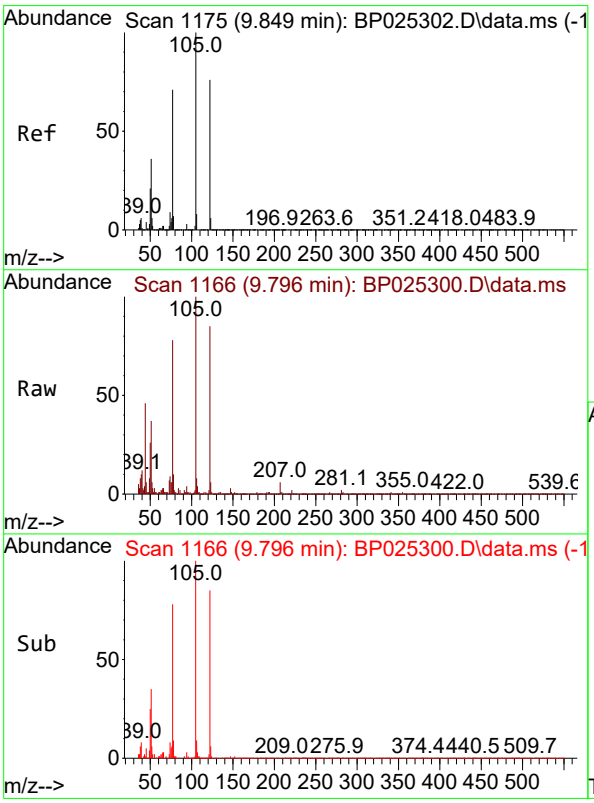
#31
Naphthalene
Concen: 9.763 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 428389

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.8	10.4	15.6

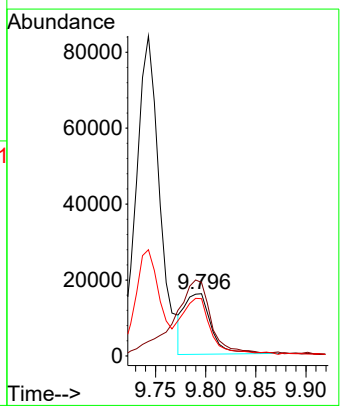


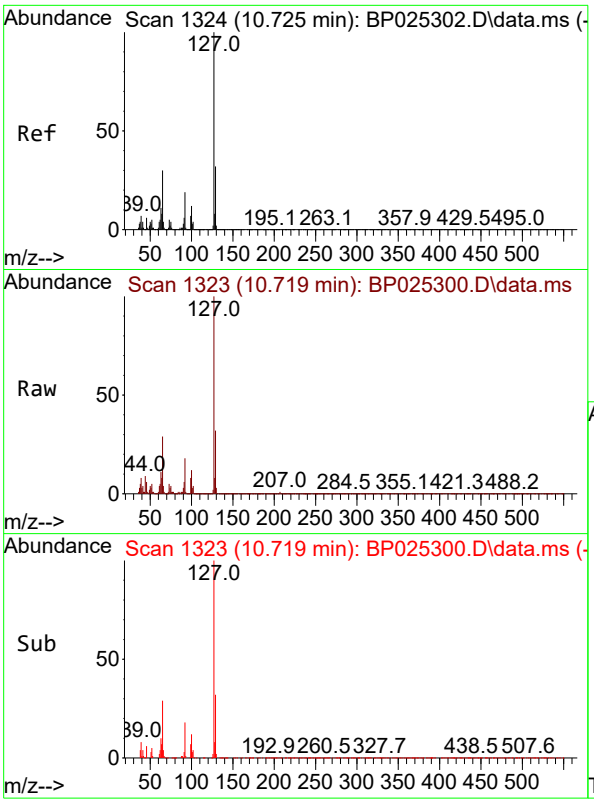


#32
Benzoic acid
Concen: 10.101 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.053 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:122 Resp: 29602

Ion	Ratio	Lower	Upper
122	100		
105	117.9	104.0	144.0
77	92.0	71.8	111.8



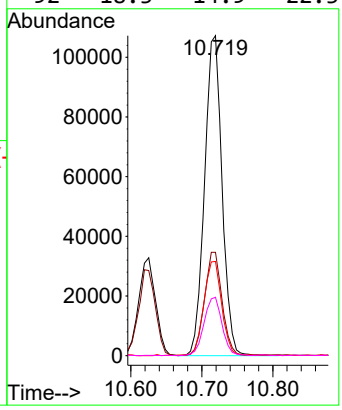


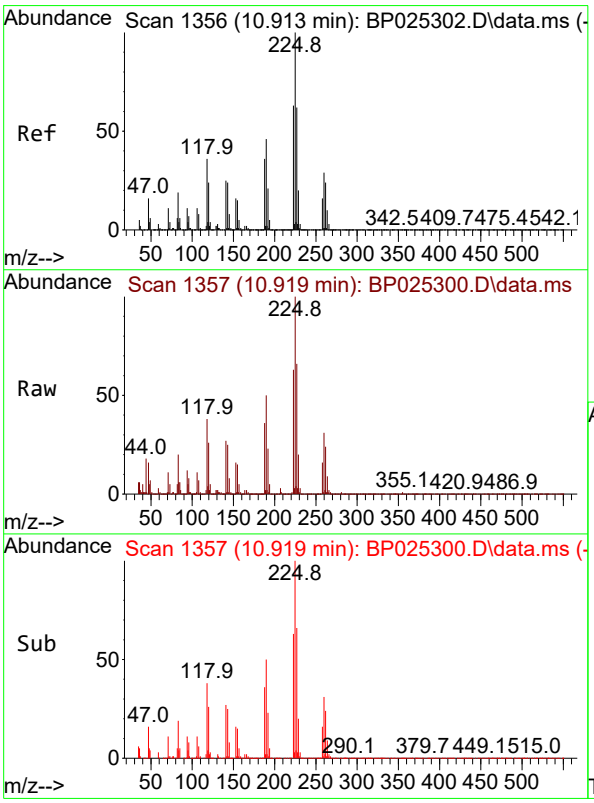
#33
4-Chloroaniline
Concen: 9.419 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 183806

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	29.4	23.6	35.4
92	18.3	14.9	22.3

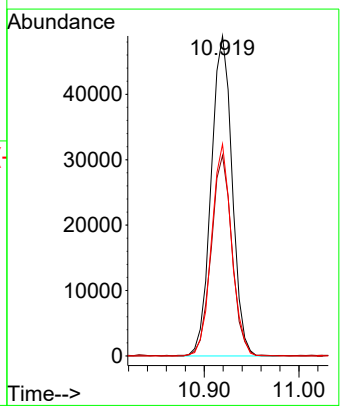


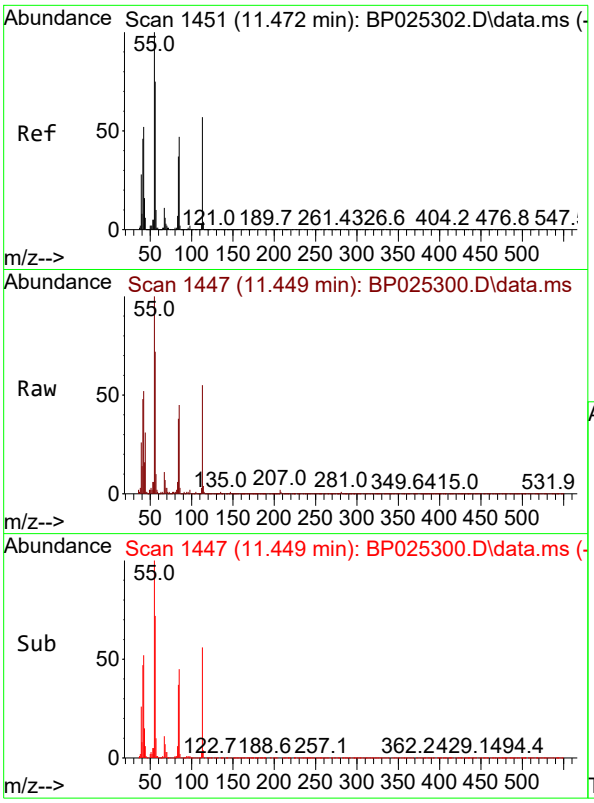


#34
Hexachlorobutadiene
Concen: 9.671 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:225 Resp: 75081

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.3	75.5
227	66.2	49.7	74.5



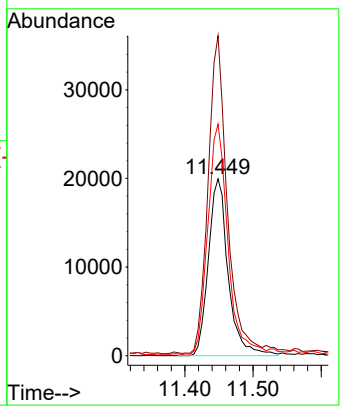


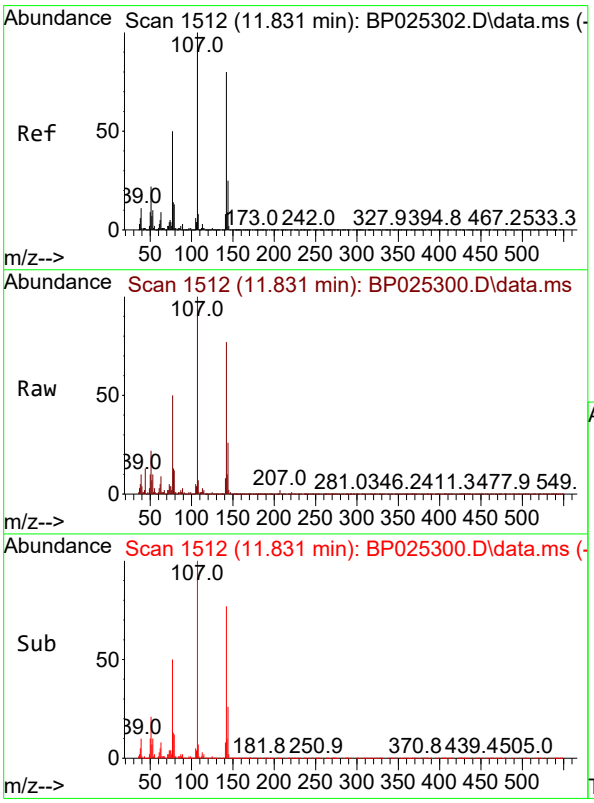
#35
Caprolactam
Concen: 8.461 ng
RT: 11.449 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 40323

Ion	Ratio	Lower	Upper
113	100		
55	180.9	154.4	194.4
56	130.9	110.9	150.9

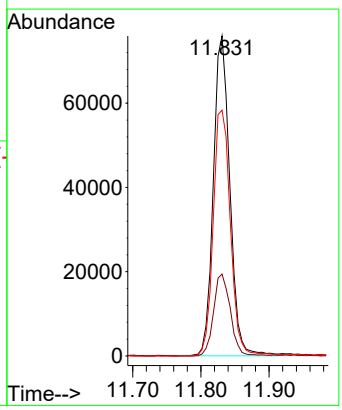


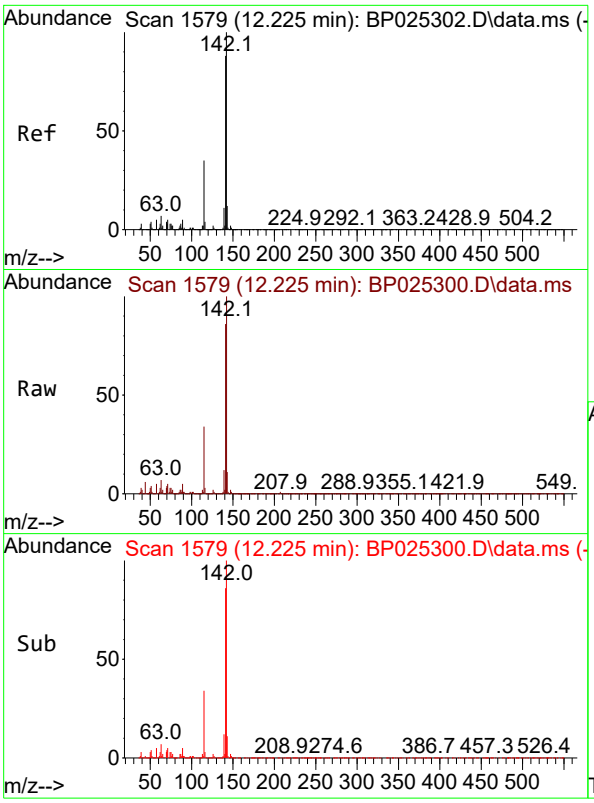


#36
4-Chloro-3-methylphenol
Concen: 9.020 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:107 Resp: 127937

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.4	30.6
142	76.8	63.7	95.5



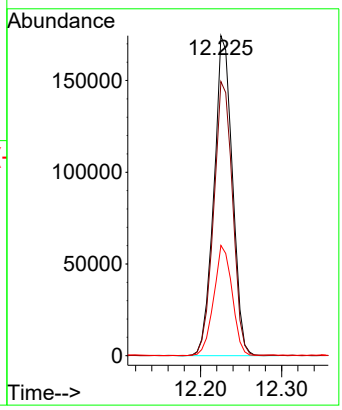


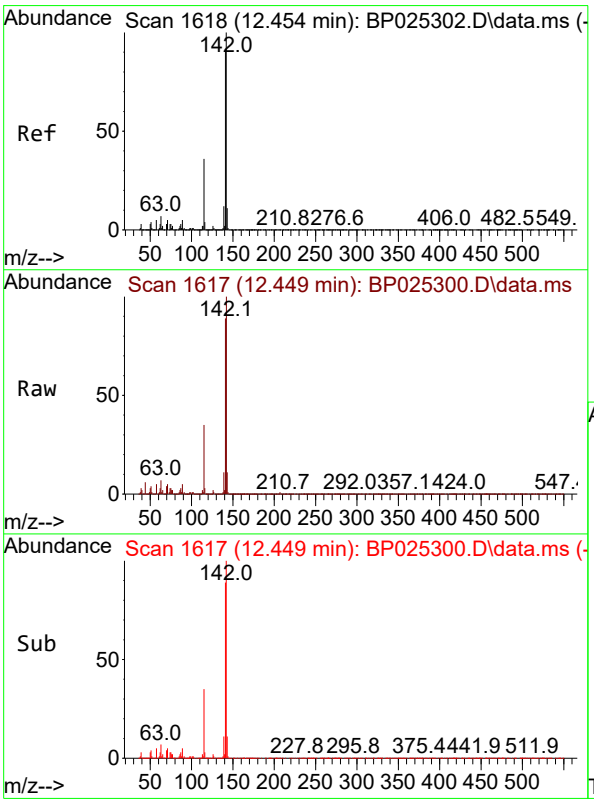
#37
2-Methylnaphthalene
Concen: 9.724 ng
RT: 12.225 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 276185

Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.4	105.6
115	34.5	28.0	42.0

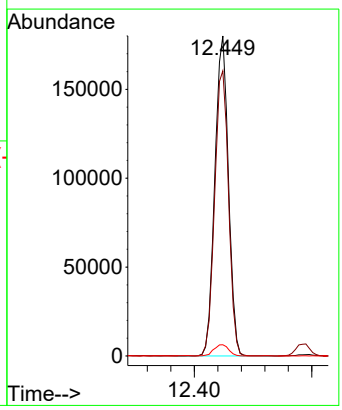


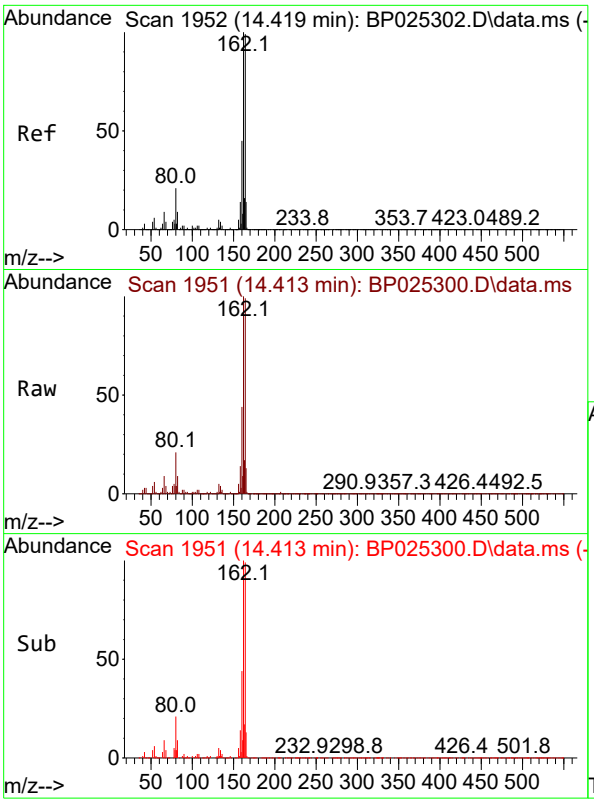


#38
1-Methylnaphthalene
Concen: 9.746 ng
RT: 12.449 min Scan# 1617
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:142 Resp: 288814

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.0	109.6
116	3.5	3.0	4.6



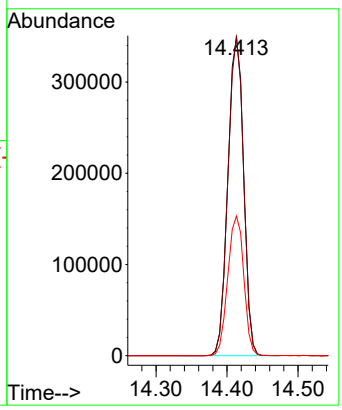


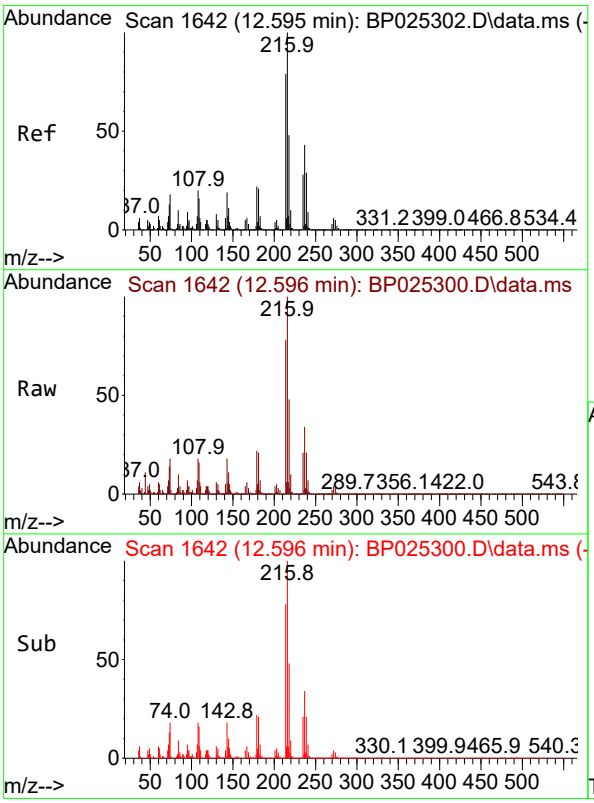
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 537224

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	43.9	35.9	53.9

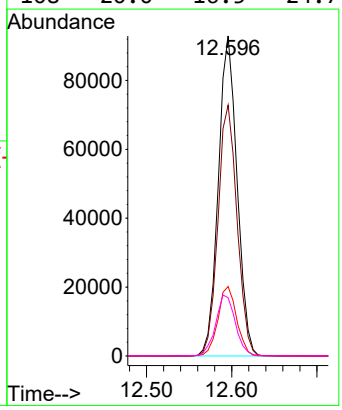


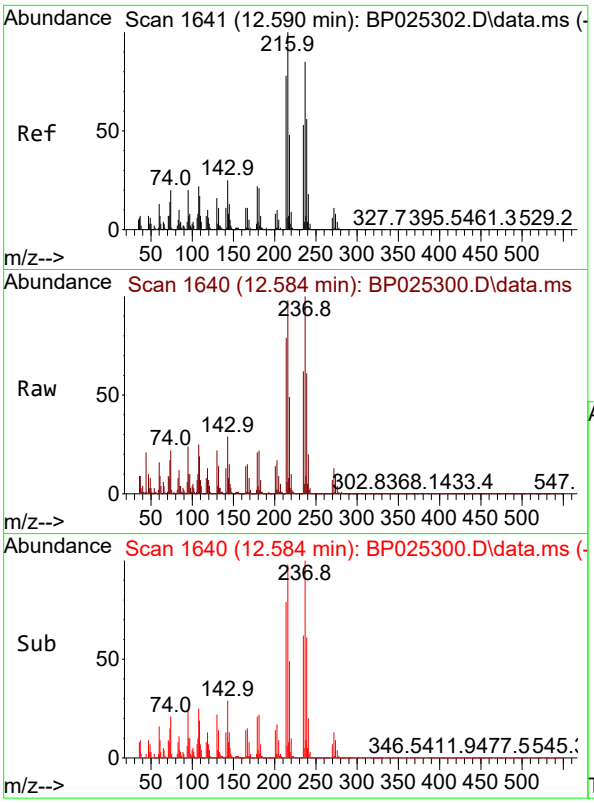


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.698 ng
RT: 12.596 min Scan# 1642
Delta R.T. 0.001 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:216 Resp: 142243

Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.4	93.6
179	21.8	17.5	26.3
108	20.0	16.5	24.7



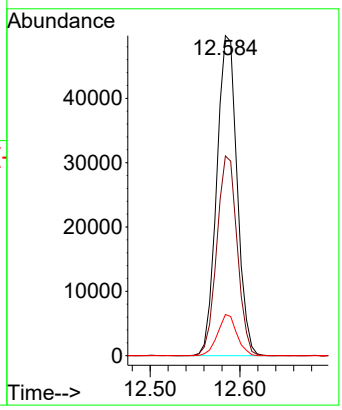


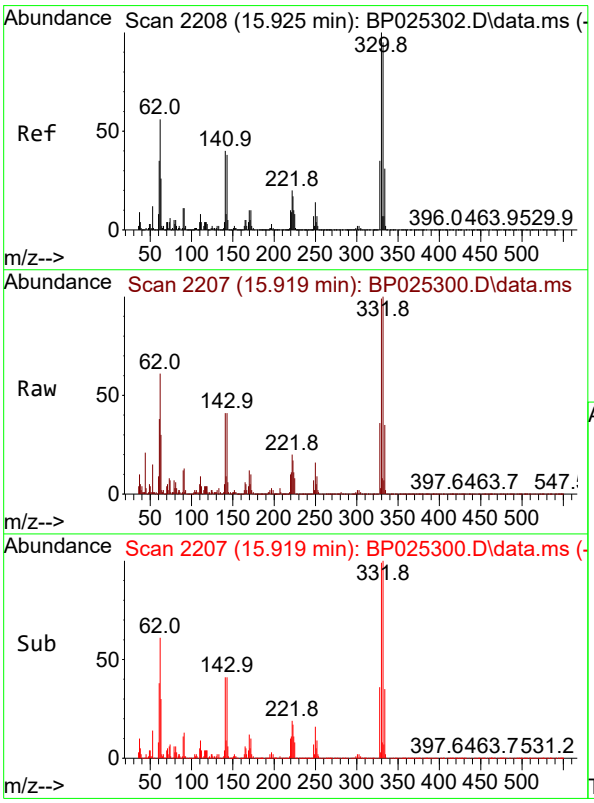
#41
Hexachlorocyclopentadiene
Concen: 8.636 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 78172

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.2	82.2
272	12.8	0.0	32.8

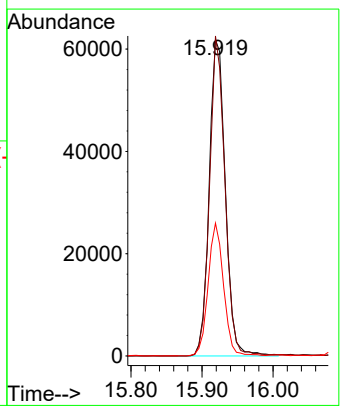


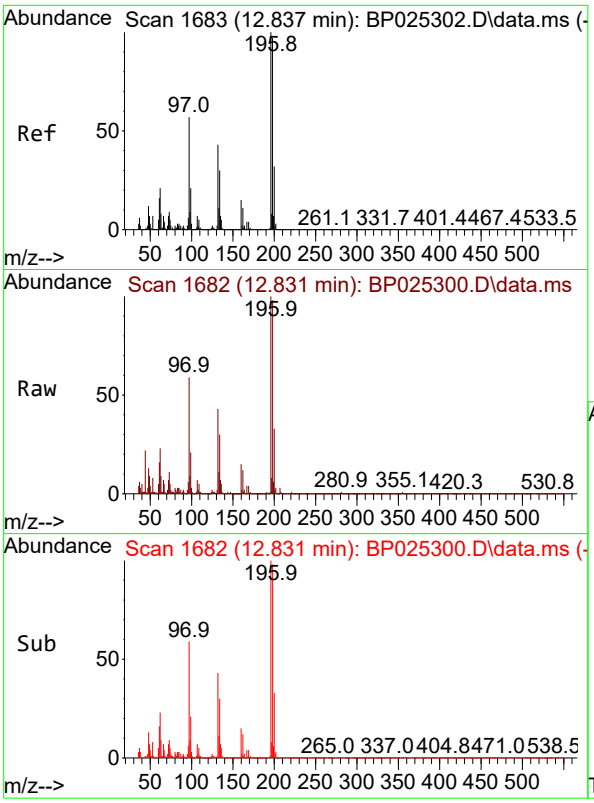


#42
2,4,6-Tribromophenol
Concen: 17.623 ng
RT: 15.919 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:330 Resp: 97752

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	40.1	31.7	47.5



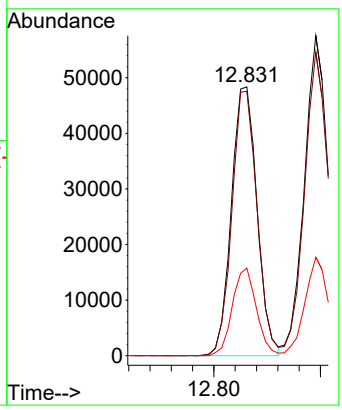


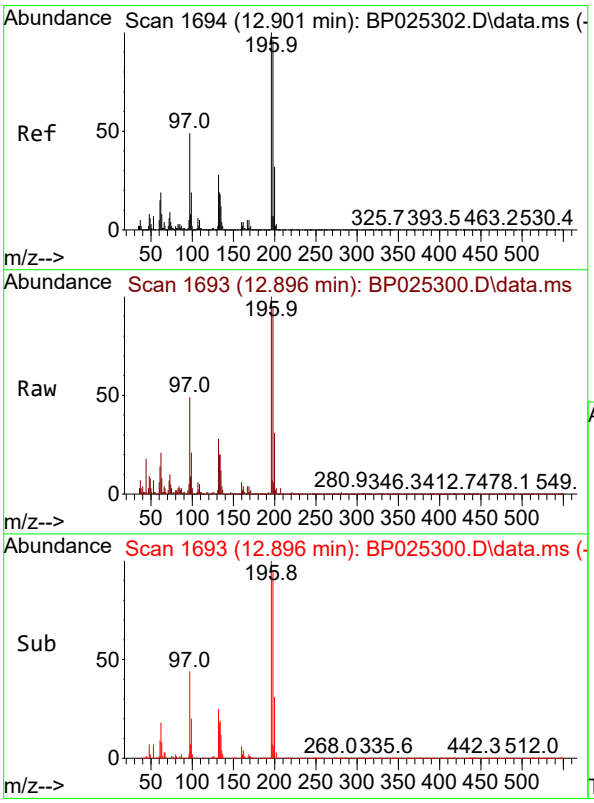
#43
2,4,6-Trichlorophenol
Concen: 8.532 ng
RT: 12.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 80839

Ion	Ratio	Lower	Upper
196	100		
198	98.3	77.3	115.9
200	32.6	25.4	38.2

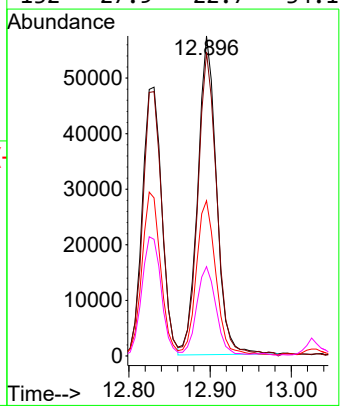


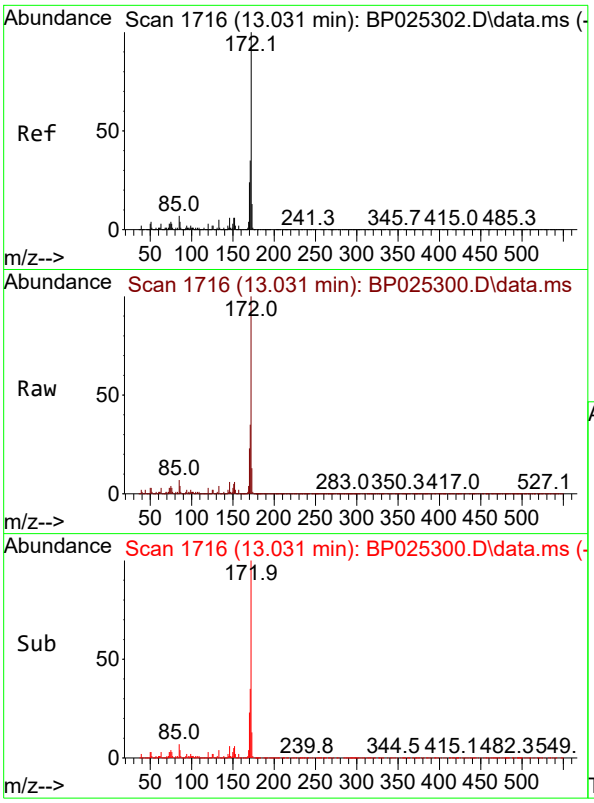


#44
2,4,5-Trichlorophenol
Concen: 8.648 ng
RT: 12.896 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:196 Resp: 91922

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.6	114.8
97	48.5	39.5	59.3
132	27.9	22.7	34.1



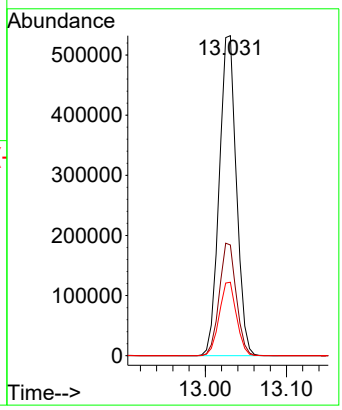


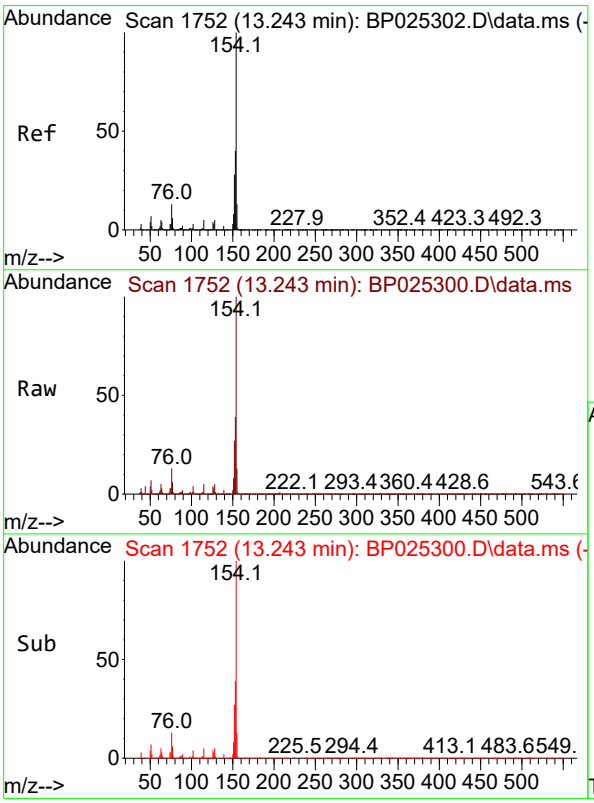
#45
2-Fluorobiphenyl
Concen: 20.174 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 780489

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	22.9	18.9	28.3

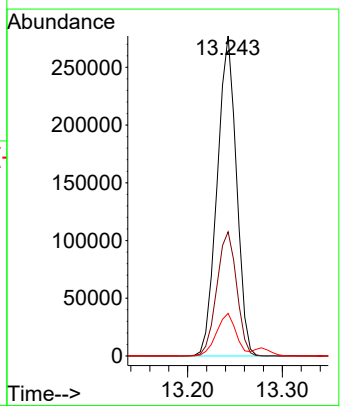


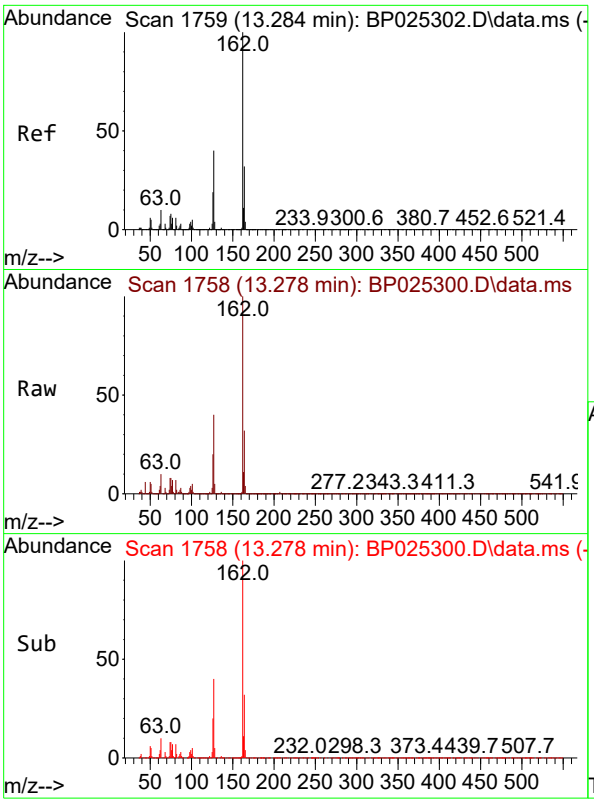


#46
1,1'-Biphenyl
Concen: 9.911 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:154 Resp: 392401

Ion	Ratio	Lower	Upper
154	100		
153	38.8	19.9	59.9
76	13.3	0.0	33.2



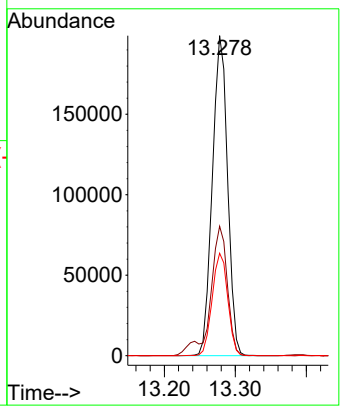


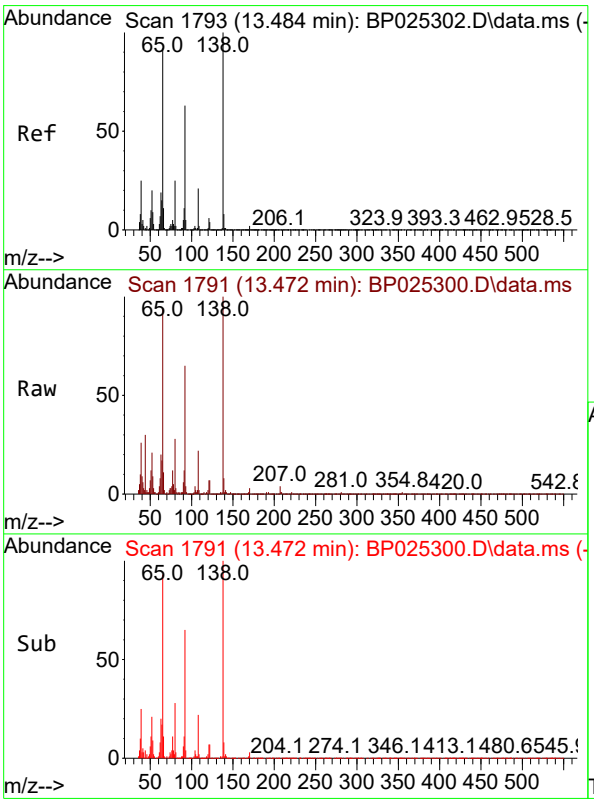
#47
2-Chloronaphthalene
Concen: 9.768 ng
RT: 13.278 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 295035

Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.2	48.2
164	32.0	25.9	38.9

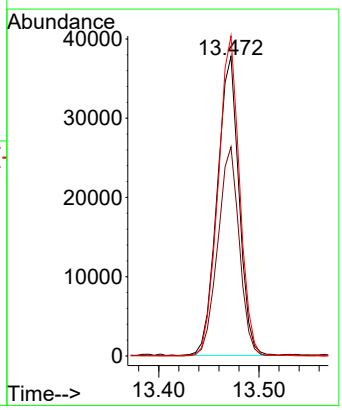


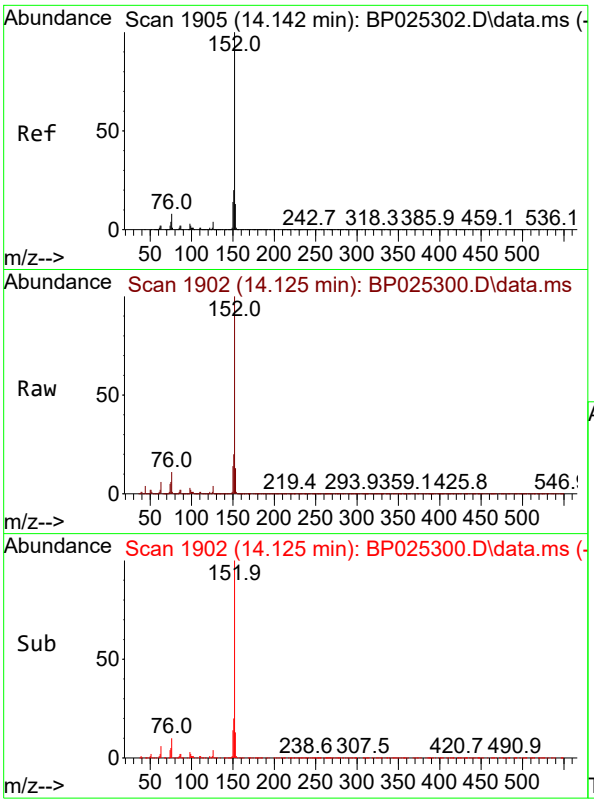


#48
2-Nitroaniline
Concen: 9.002 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion: 65 Resp: 56938

Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.4	81.6
138	106.8	87.0	130.4



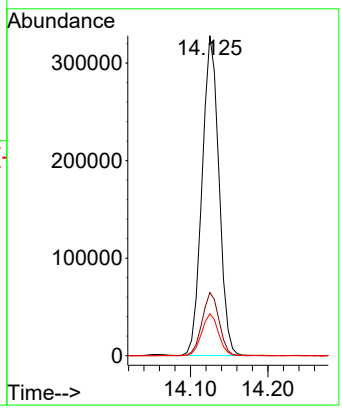


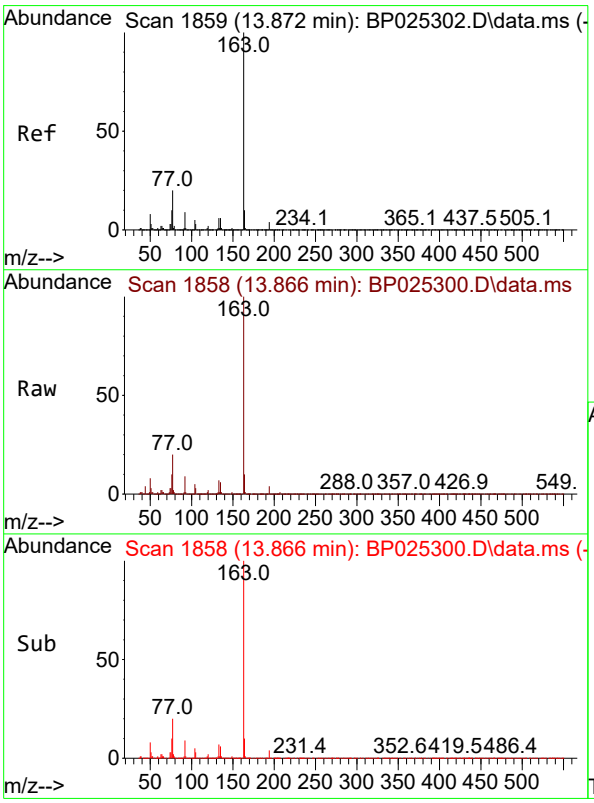
#49
Acenaphthylene
Concen: 9.817 ng
RT: 14.125 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 494624

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.1	10.4	15.6

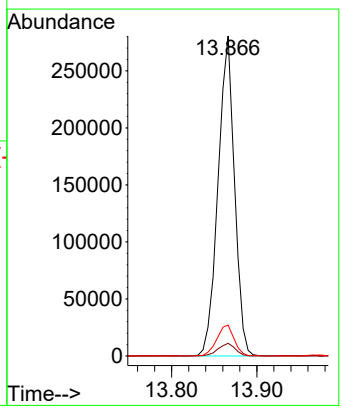


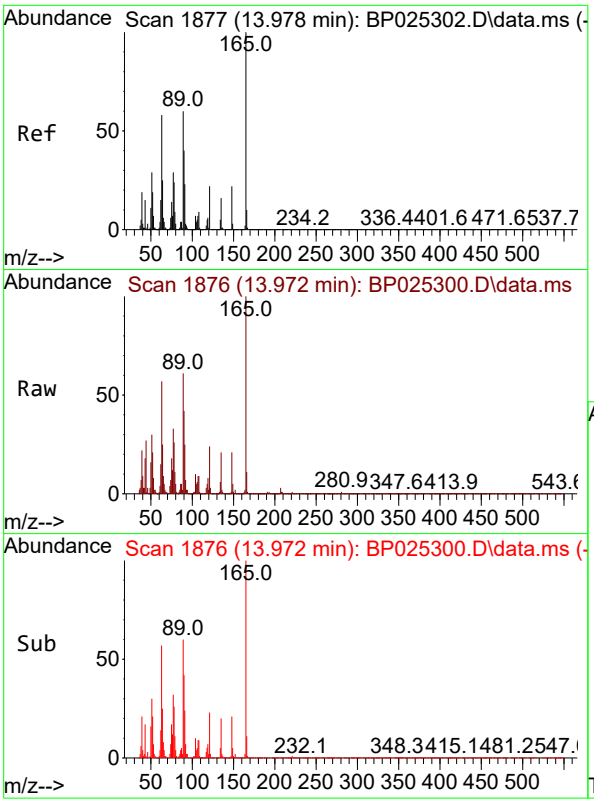


#50
Dimethylphthalate
Concen: 9.624 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:163 Resp: 376892

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.7	8.0	12.0



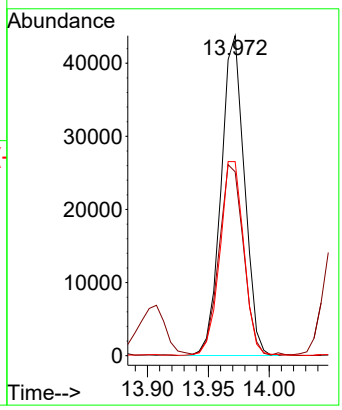


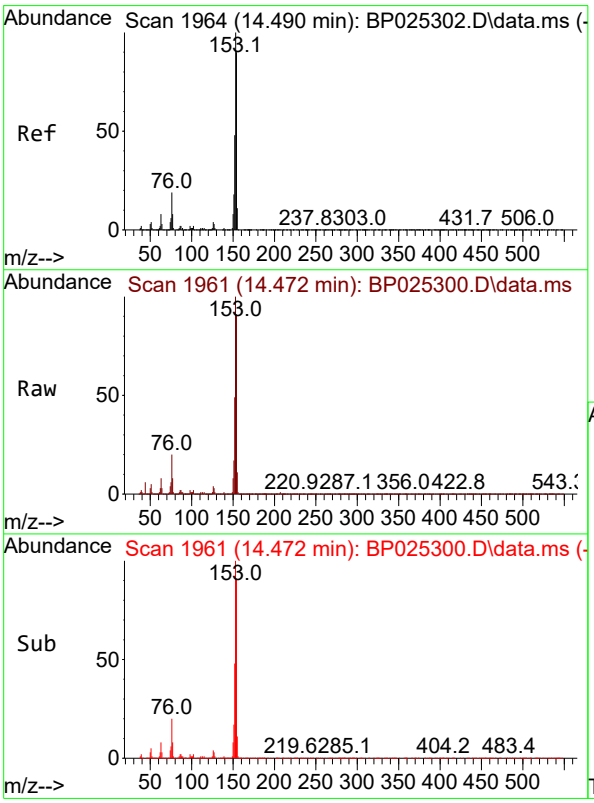
#51
2,6-Dinitrotoluene
Concen: 8.085 ng
RT: 13.972 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 58404

Ion	Ratio	Lower	Upper
165	100		
63	57.4	47.6	71.4
89	60.6	47.8	71.8

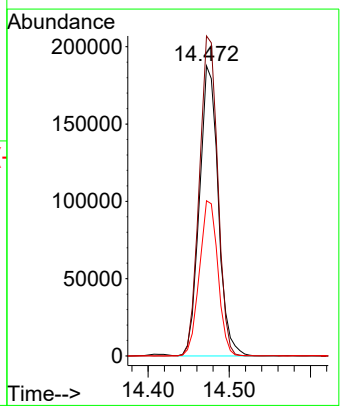


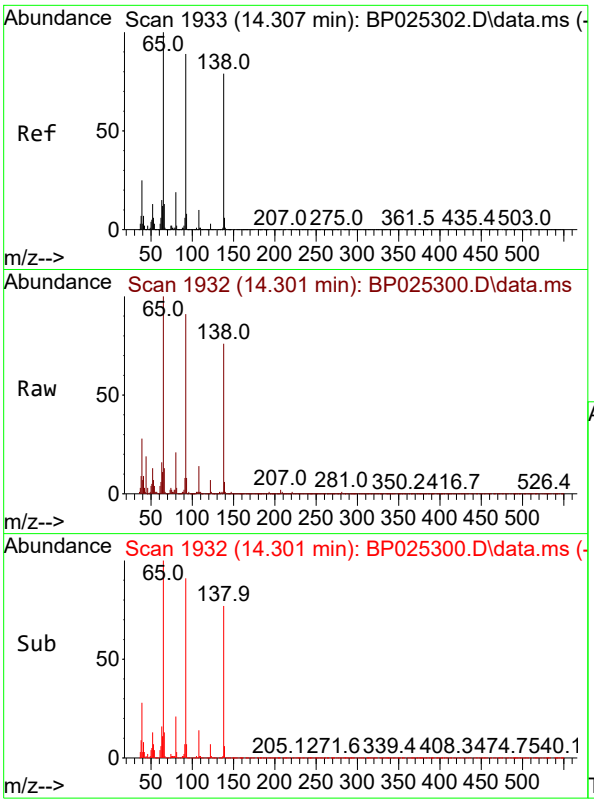


#52
Acenaphthene
Concen: 9.790 ng
RT: 14.472 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:154 Resp: 300858

Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.4	134.0
152	53.5	43.0	64.6



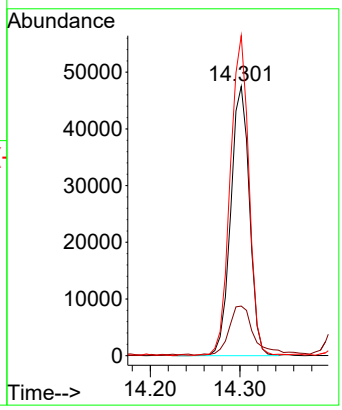


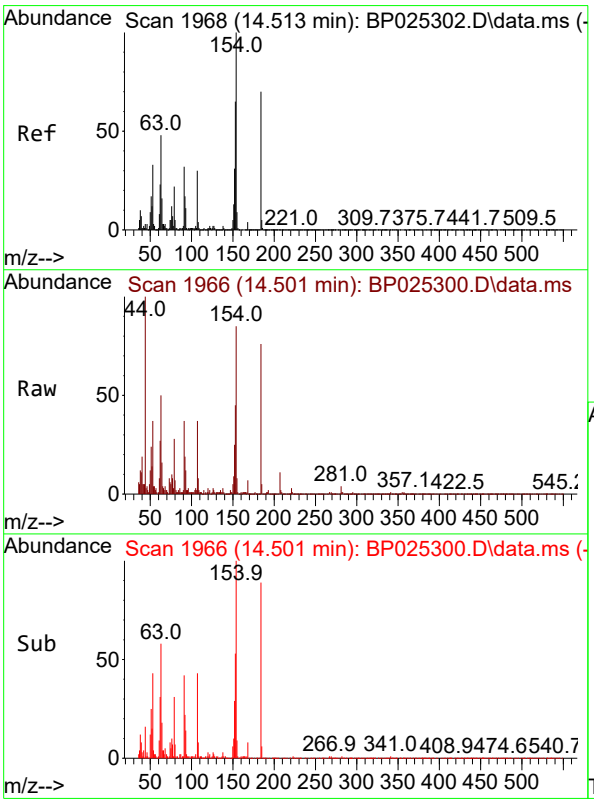
#53
3-Nitroaniline
Concen: 8.123 ng
RT: 14.301 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 68662

Ion	Ratio	Lower	Upper
138	100		
108	18.4	10.5	15.7#
92	118.8	90.9	136.3

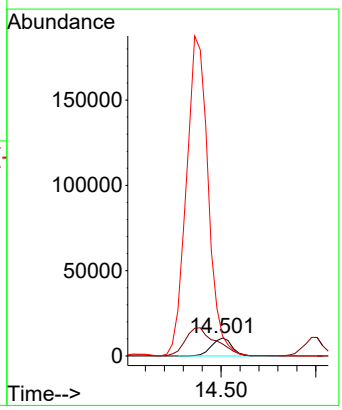


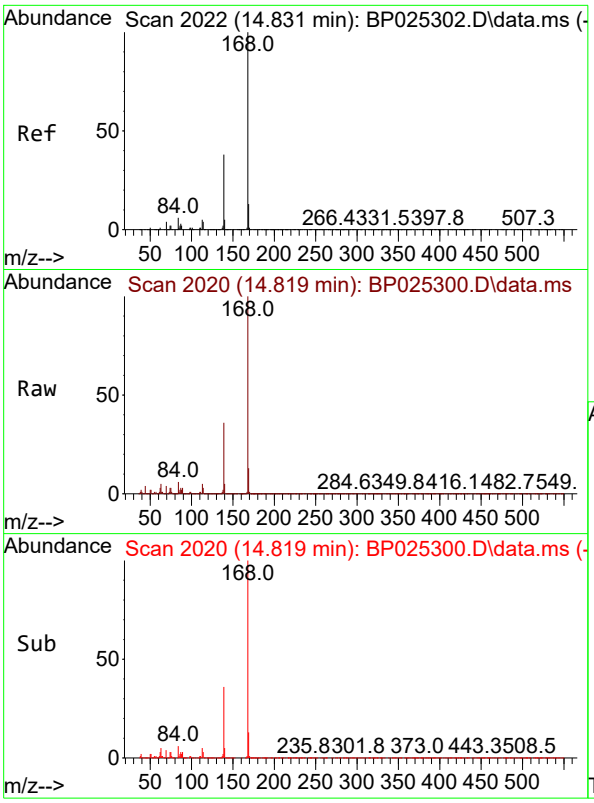


#54
2,4-Dinitrophenol
Concen: 9.839 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:184 Resp: 15825

Ion	Ratio	Lower	Upper
184	100		
63	66.6	56.3	84.5
154	112.6	124.5	186.7#



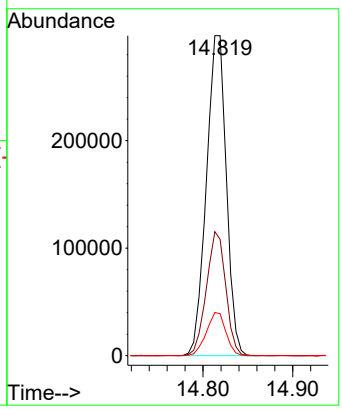


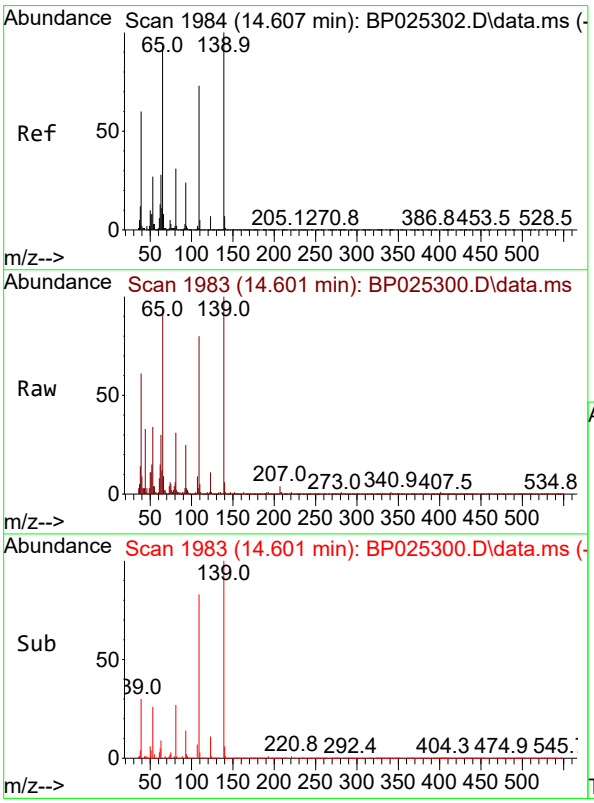
#55
Dibenzofuran
Concen: 10.010 ng
RT: 14.819 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 459701

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.5	45.7
169	13.1	10.6	15.8

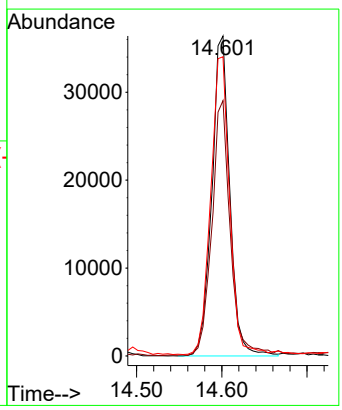


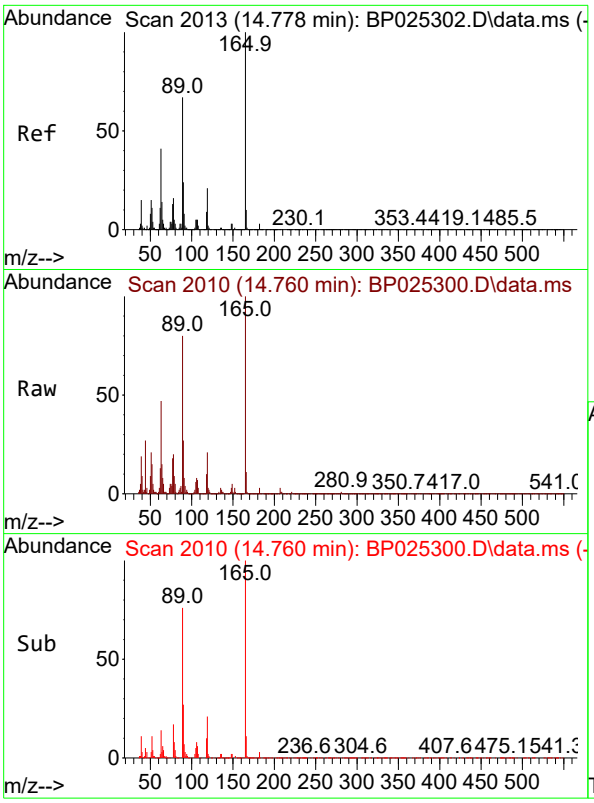


#56
4-Nitrophenol
Concen: 7.162 ng
RT: 14.601 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:139 Resp: 53432

Ion	Ratio	Lower	Upper
139	100		
109	79.8	52.7	92.7
65	93.5	73.4	113.4



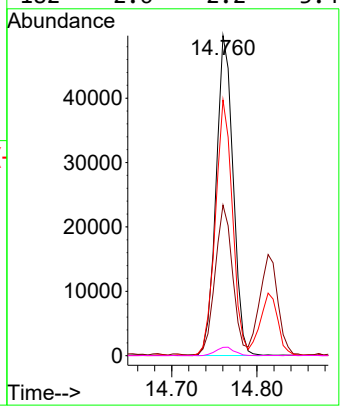


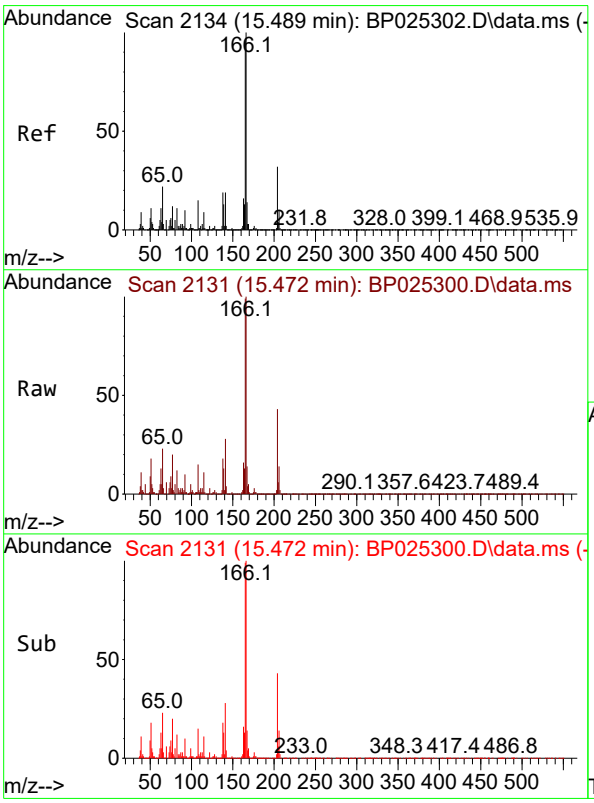
#57
2,4-Dinitrotoluene
Concen: 9.001 ng
RT: 14.760 min Scan# 2(
Delta R.T. -0.018 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 69027

Ion	Ratio	Lower	Upper
165	100		
63	47.0	33.2	49.8
89	79.9	53.5	80.3
182	2.6	2.2	3.4

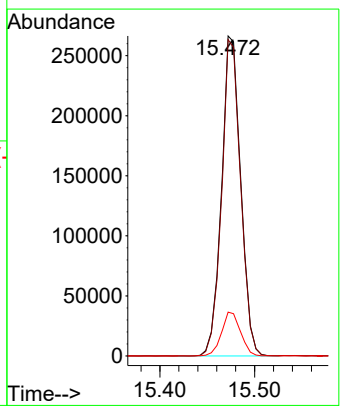


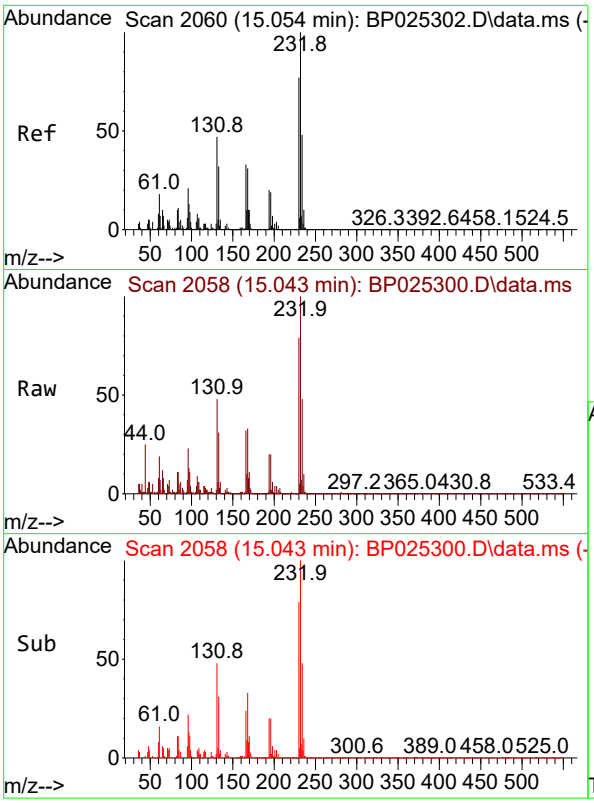


#58
Fluorene
Concen: 10.408 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:166 Resp: 375406

Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.7	115.1
167	13.7	10.9	16.3



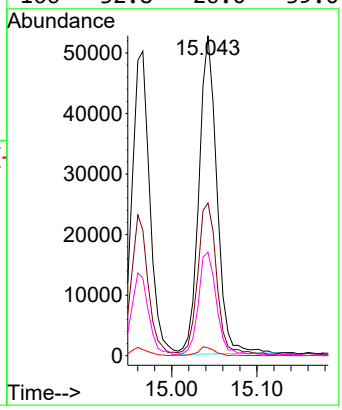


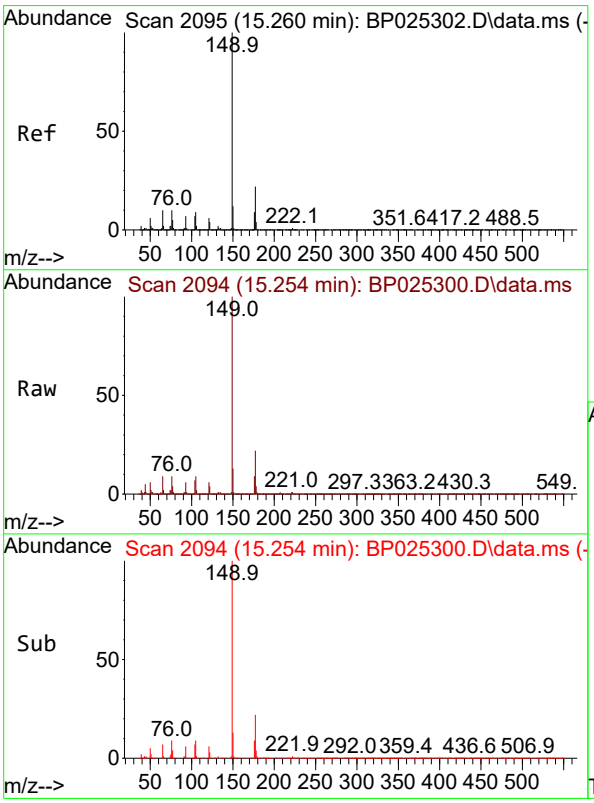
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.599 ng
RT: 15.043 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 76798

Ion	Ratio	Lower	Upper
232	100		
131	50.4	39.3	58.9
130	2.5	2.2	3.2
166	32.8	26.0	39.0

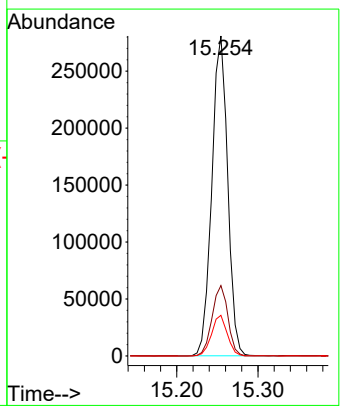


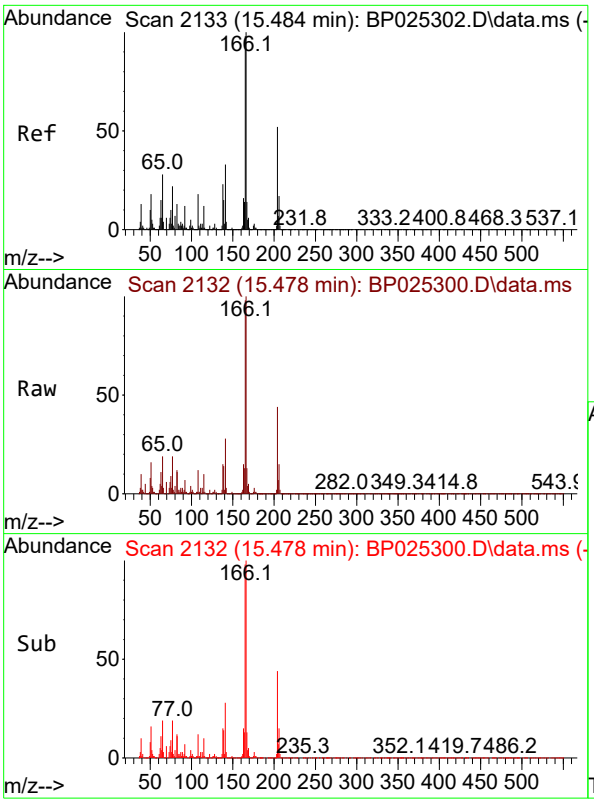


#60
Diethylphthalate
Concen: 9.631 ng
RT: 15.254 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:149 Resp: 380275

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.7	9.8	14.8



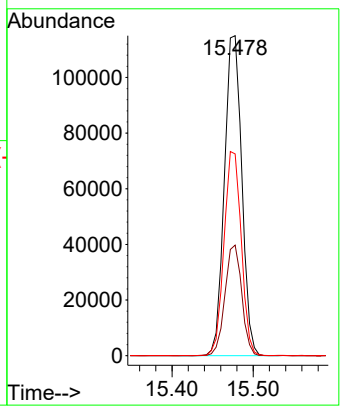


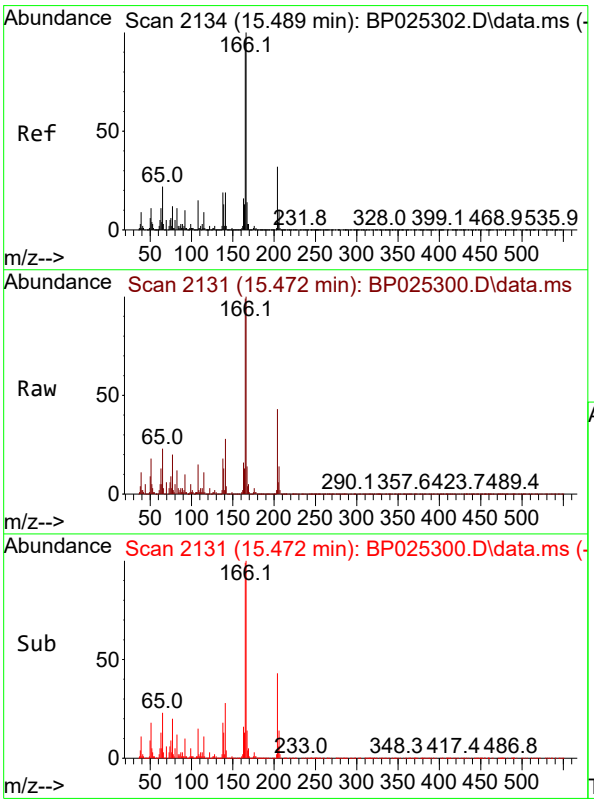
#61
4-Chlorophenyl-phenylether
Concen: 10.026 ng
RT: 15.478 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 171438

Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.0	40.4
141	63.0	50.3	75.5

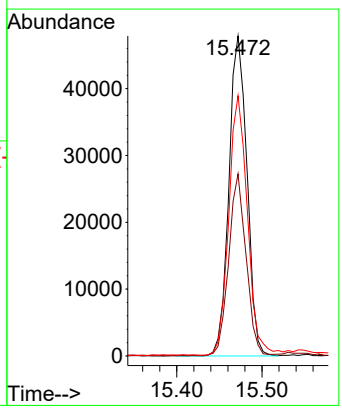


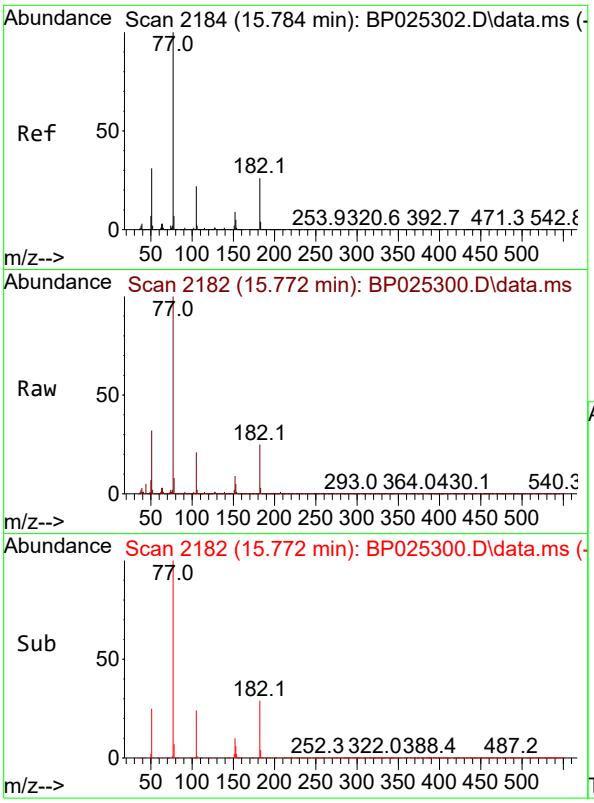


#62
4-Nitroaniline
Concen: 8.428 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:138 Resp: 70585

Ion	Ratio	Lower	Upper
138	100		
92	56.9	29.8	69.8
108	81.3	56.6	96.6



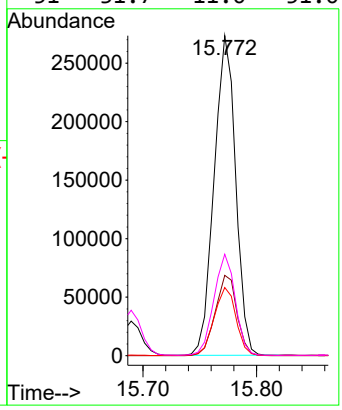


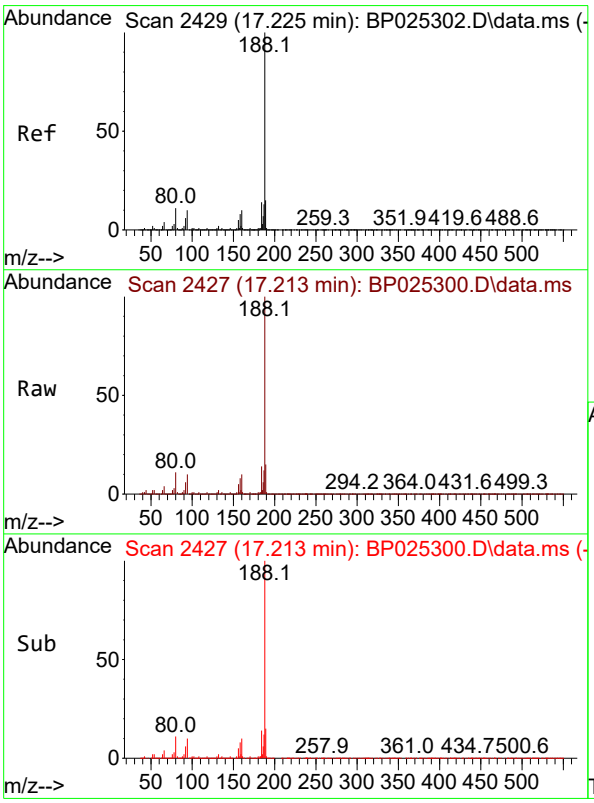
#63
Azobenzene
Concen: 9.811 ng
RT: 15.772 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 359853

Ion	Ratio	Lower	Upper
77	100		
182	25.1	6.0	46.0
105	21.3	2.1	42.1
51	31.7	11.0	51.0

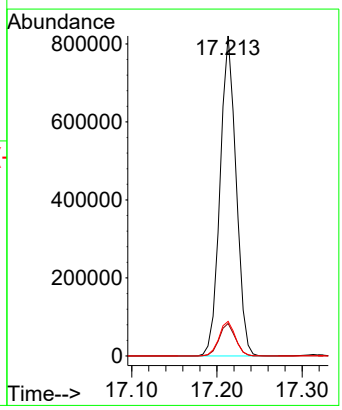


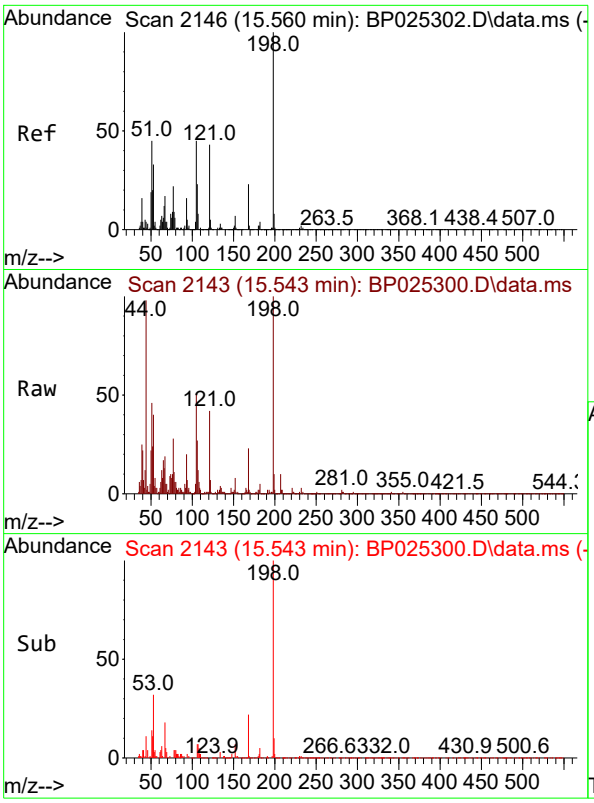


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:188 Resp: 1073622

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.0	12.0
80	10.8	8.5	12.7



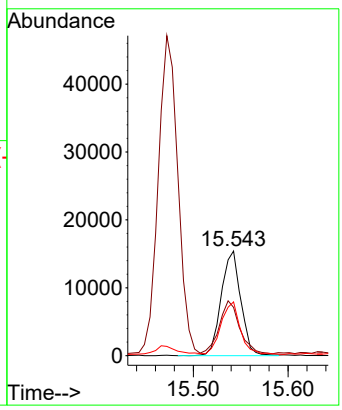


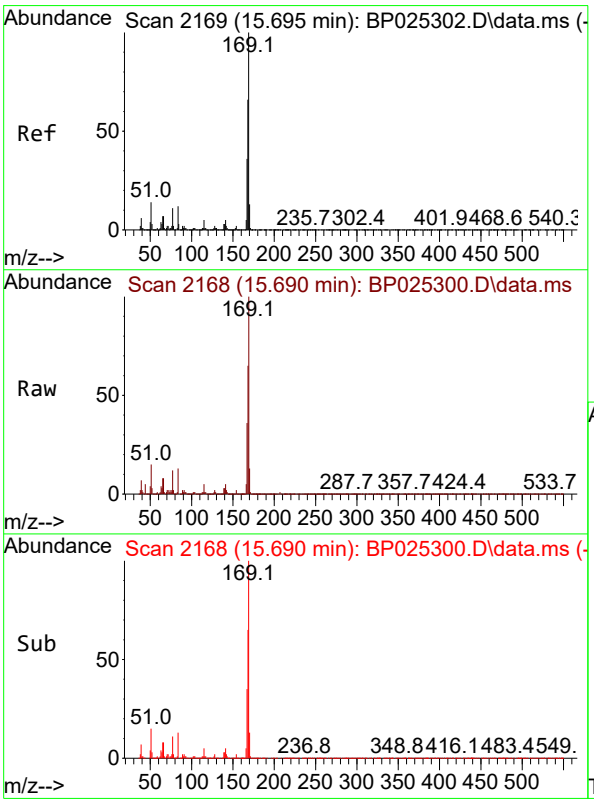
#65
4,6-Dinitro-2-methylphenol
Concen: 10.172 ng
RT: 15.543 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 22067

Ion	Ratio	Lower	Upper
198	100		
51	46.2	26.7	66.7
105	51.3	25.6	65.6

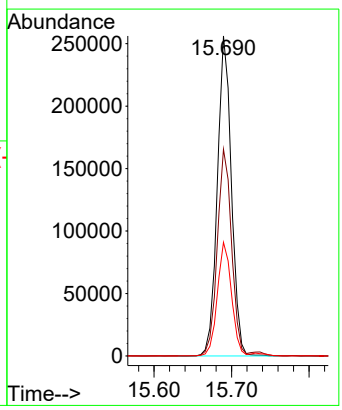


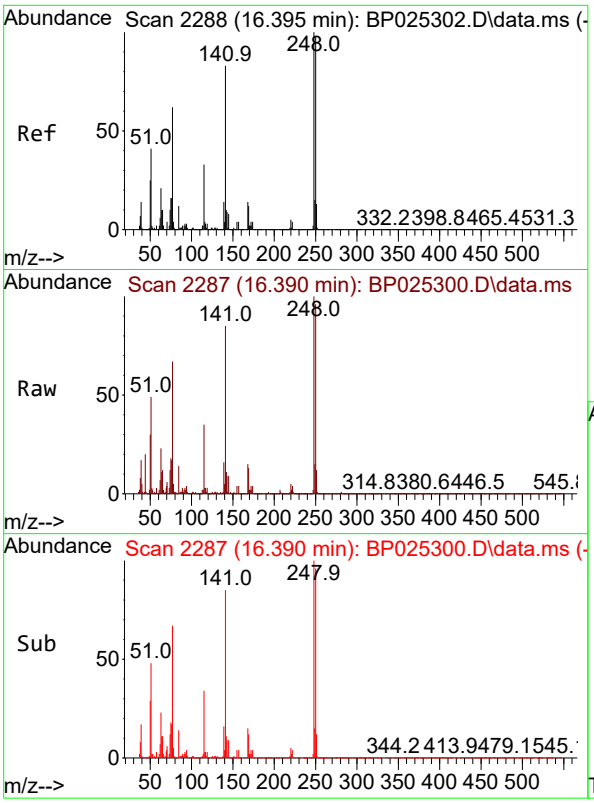


#66
n-Nitrosodiphenylamine
Concen: 9.868 ng
RT: 15.690 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:169 Resp: 322596

Ion	Ratio	Lower	Upper
169	100		
168	64.6	52.8	79.2
167	35.5	28.5	42.7



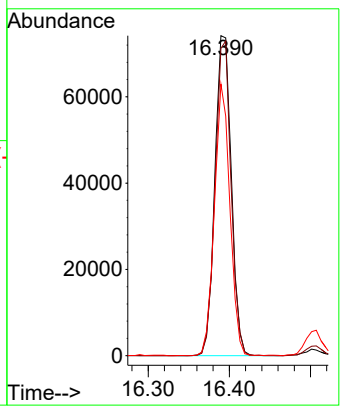


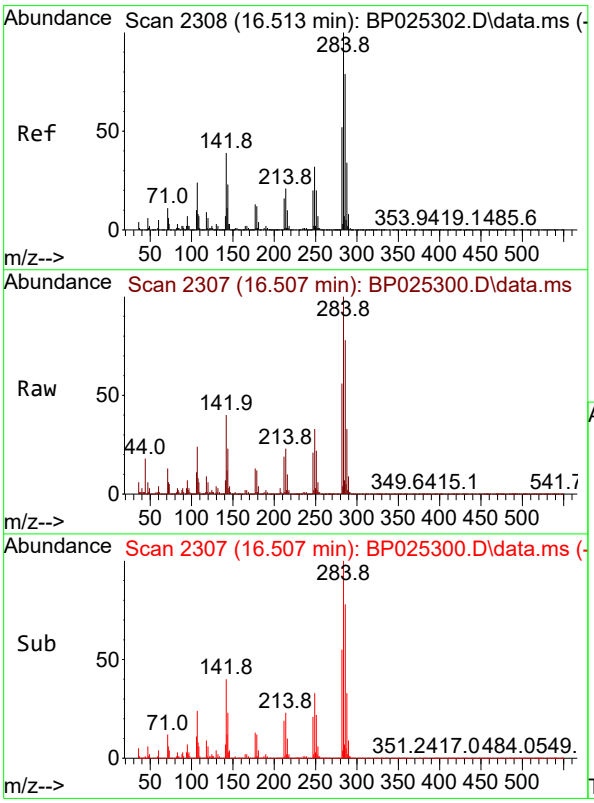
#67
4-Bromophenyl-phenylether
Concen: 9.662 ng
RT: 16.390 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 104373

Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.6	117.8
141	84.9	66.6	99.8

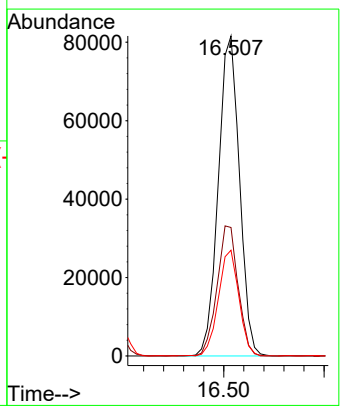


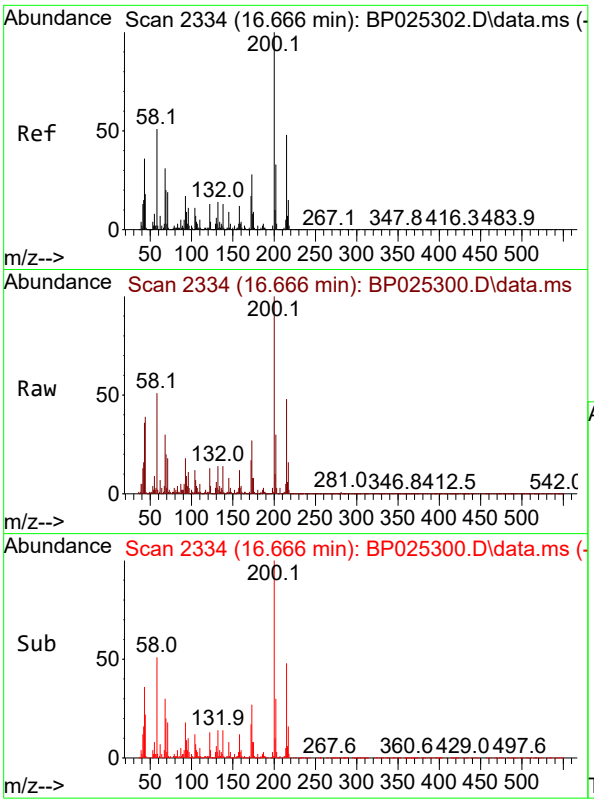


#68
Hexachlorobenzene
Concen: 9.848 ng
RT: 16.507 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:284 Resp: 119372

Ion	Ratio	Lower	Upper
284	100		
142	40.1	30.8	46.2
249	33.1	25.4	38.0



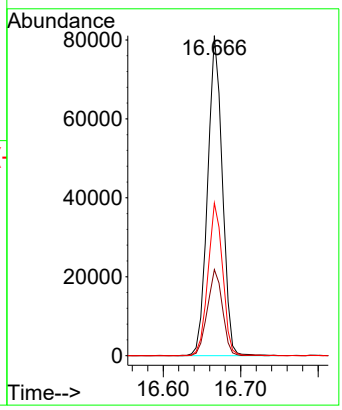


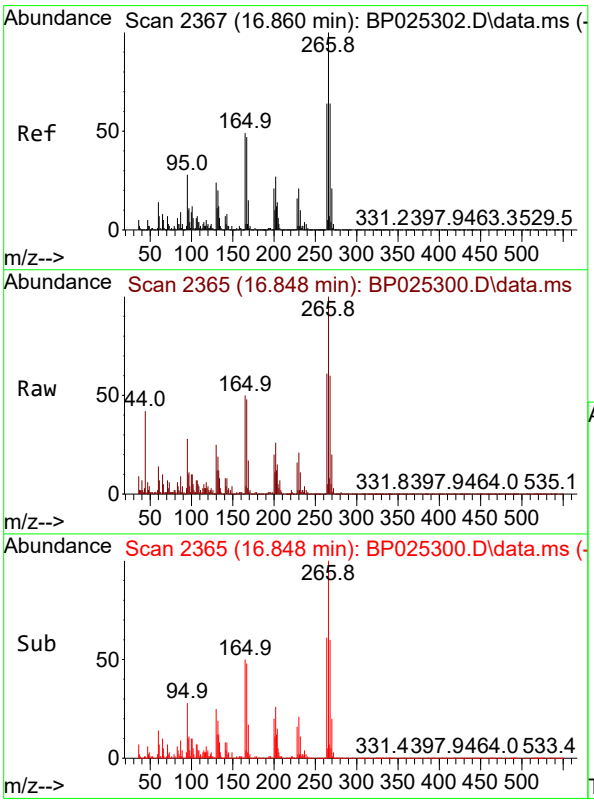
#69
Atrazine
Concen: 9.287 ng
RT: 16.666 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 106765

Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.2	48.2
215	47.7	28.1	68.1

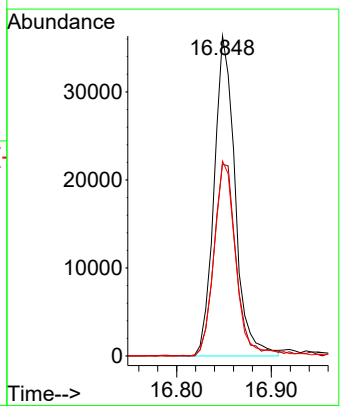


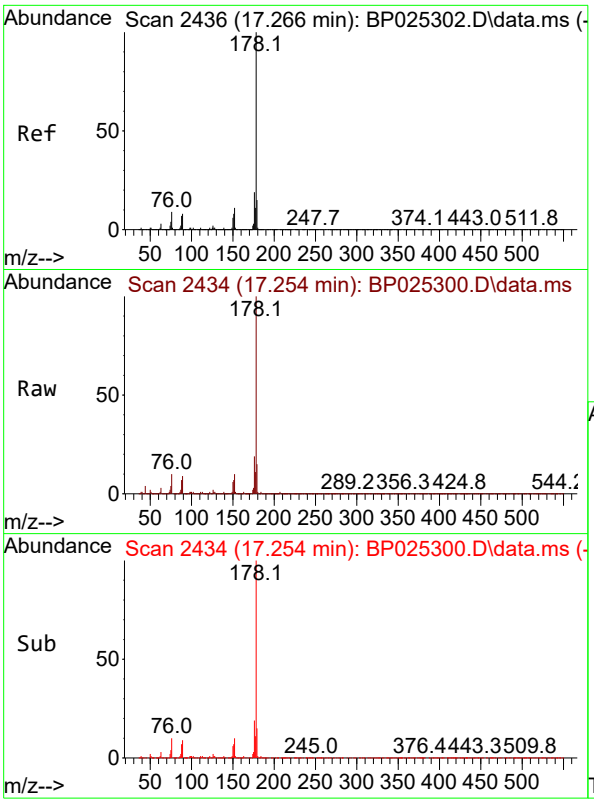


#70
Pentachlorophenol
Concen: 7.240 ng
RT: 16.848 min Scan# 2365
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:266 Resp: 55907

Ion	Ratio	Lower	Upper
266	100		
268	59.9	51.4	77.0
264	60.9	51.1	76.7



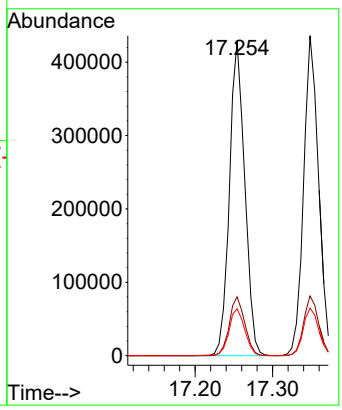


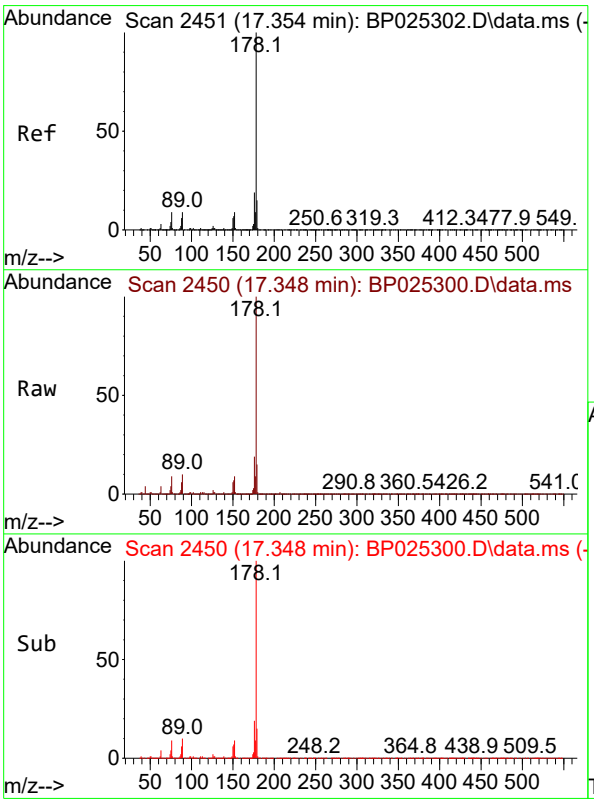
#71
Phenanthrene
Concen: 10.048 ng
RT: 17.254 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 590839

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	14.9	12.1	18.1

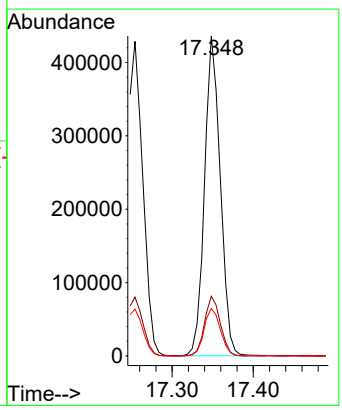


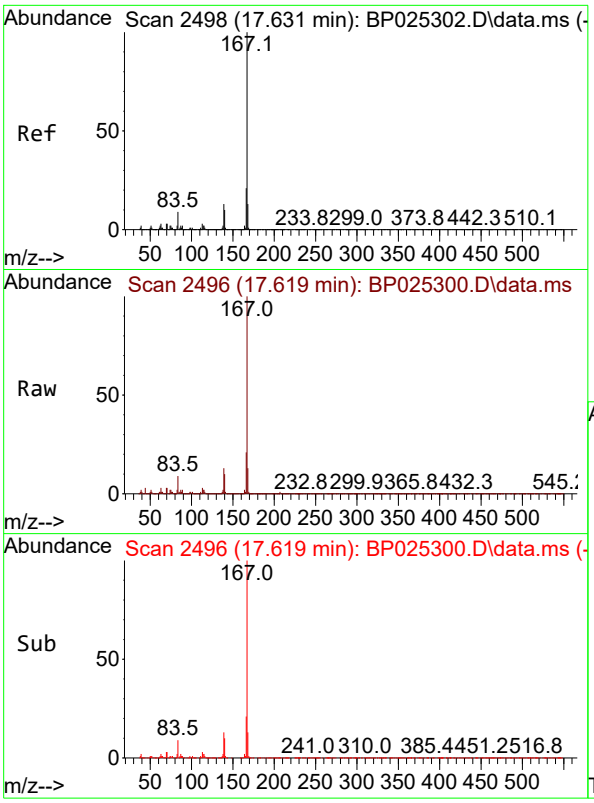


#72
Anthracene
Concen: 9.893 ng
RT: 17.348 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:178 Resp: 586562

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	14.9	12.3	18.5



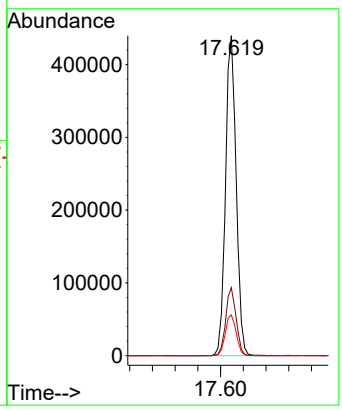


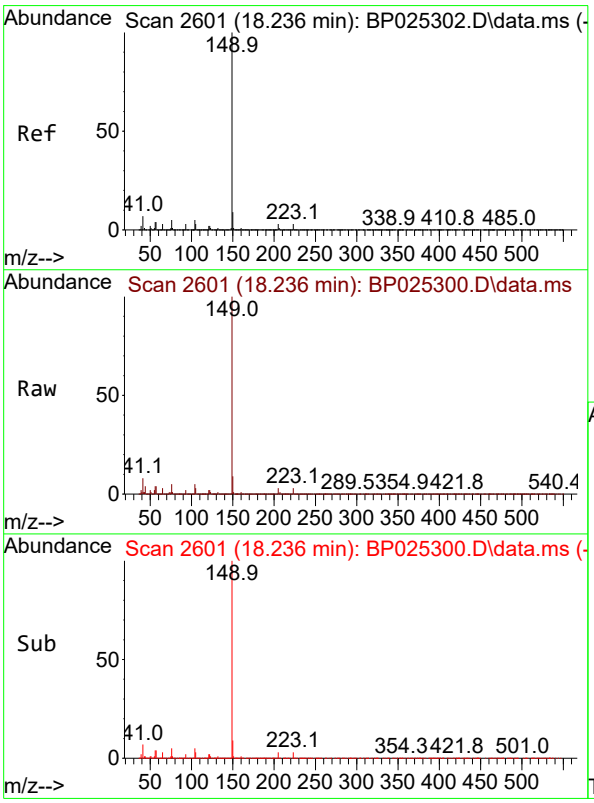
#73
Carbazole
Concen: 10.083 ng
RT: 17.619 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 573898

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.7	10.6	16.0

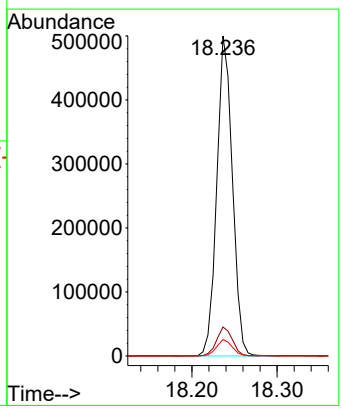


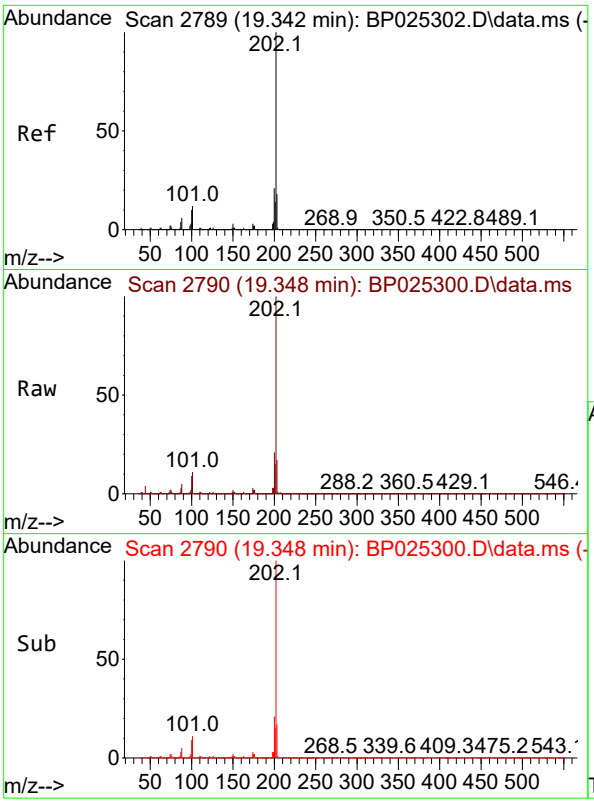


#74
Di-n-butylphthalate
Concen: 9.262 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:149 Resp: 637721

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.2	4.1	6.1



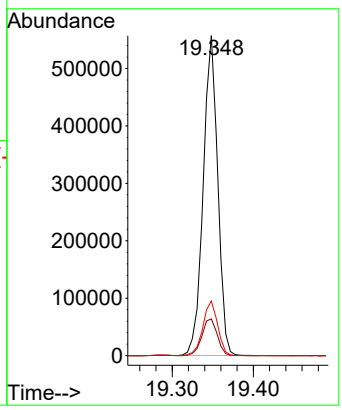


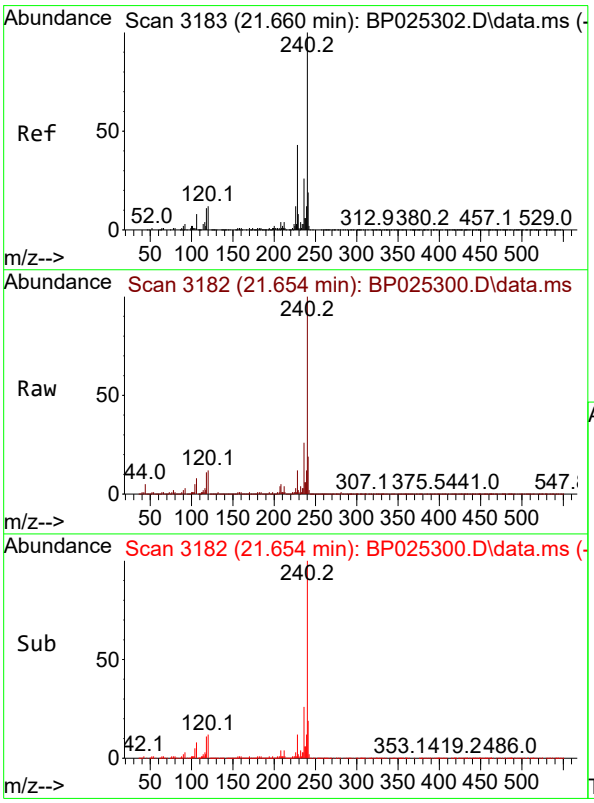
#75
Fluoranthene
Concen: 10.159 ng
RT: 19.348 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 691537

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	17.1	0.0	37.6

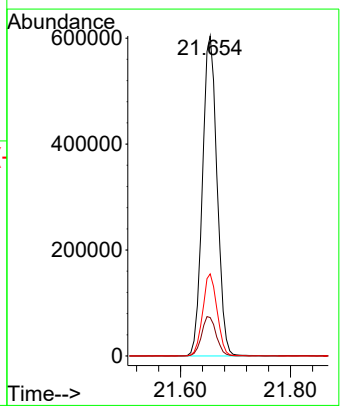


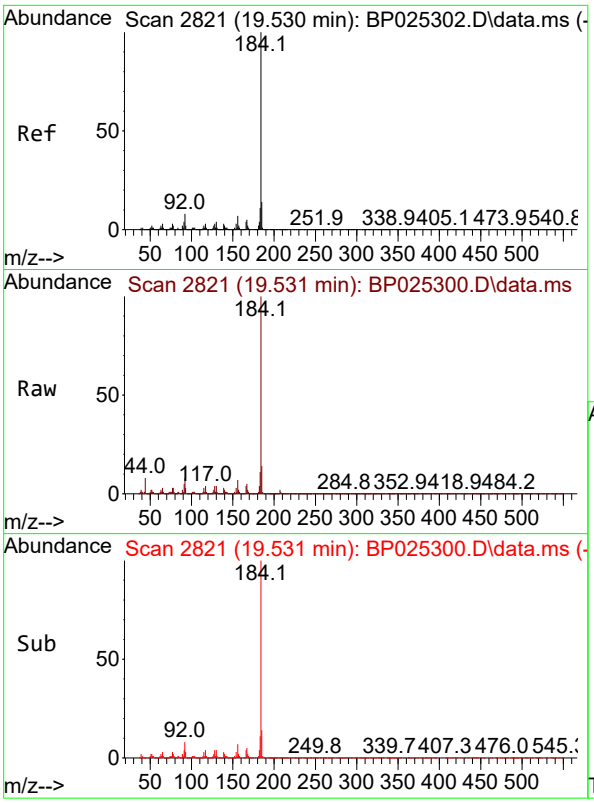


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:240 Resp: 1112736

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.7	20.4	30.6



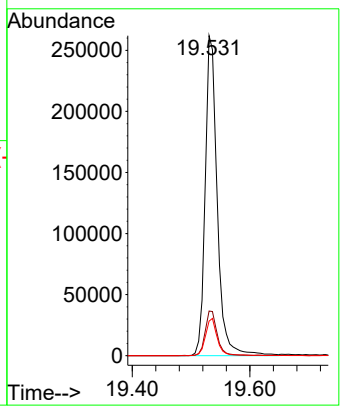


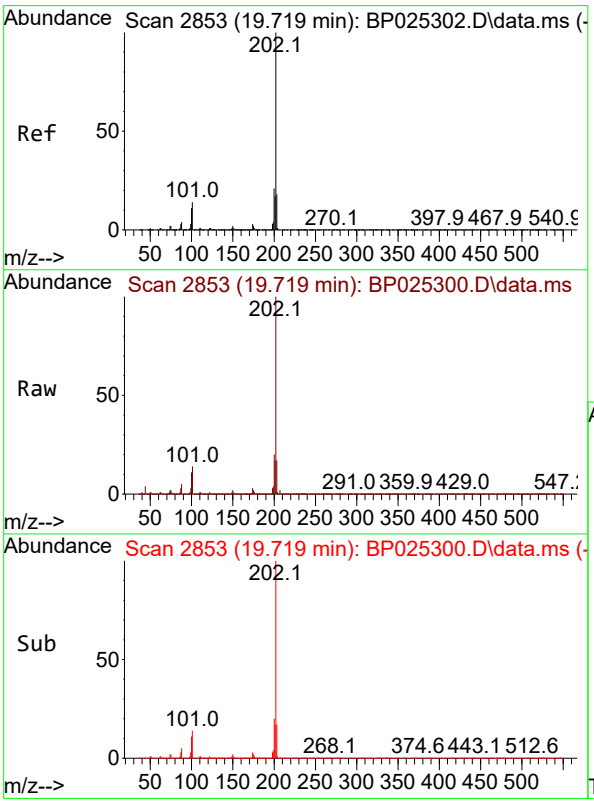
#77
Benzidine
Concen: 9.234 ng
RT: 19.531 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 371909

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.0	16.6
183	10.8	9.2	13.8

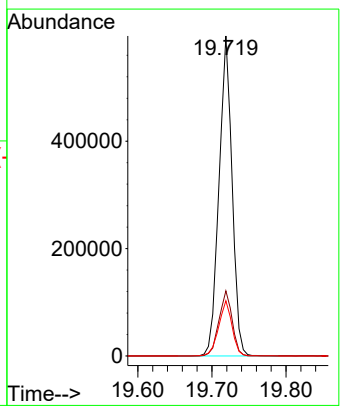


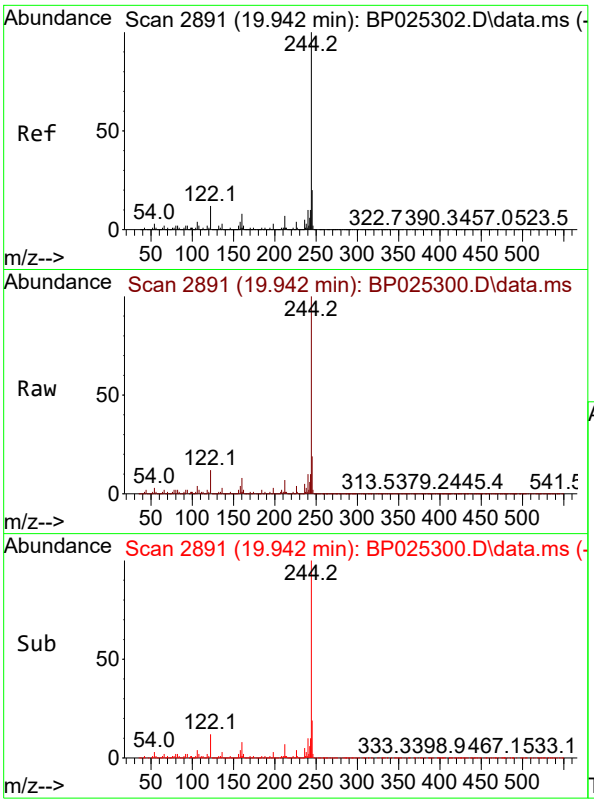


#78
Pyrene
Concen: 9.876 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:202 Resp: 730793

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.7	25.1
203	17.2	14.1	21.1



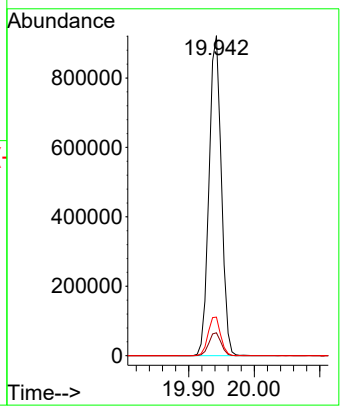


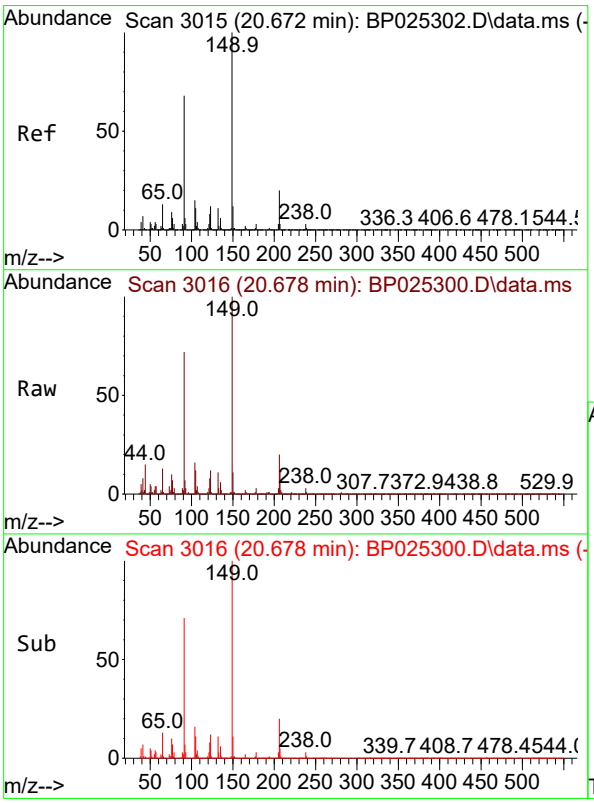
#79
Terphenyl-d14
Concen: 20.452 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1204621

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.1	9.5	14.3

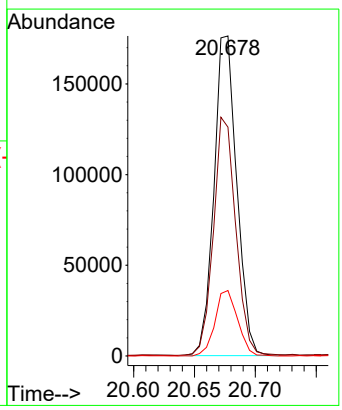


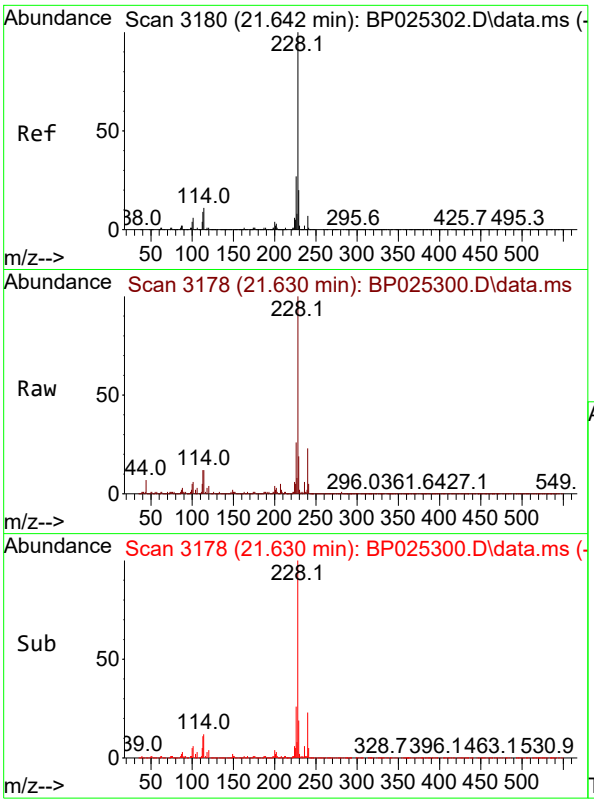


#80
Butylbenzylphthalate
Concen: 7.663 ng
RT: 20.678 min Scan# 3016
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:149 Resp: 229970

Ion	Ratio	Lower	Upper
149	100		
91	71.5	54.7	82.1
206	20.5	16.4	24.6



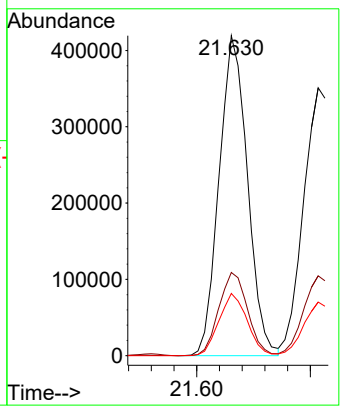


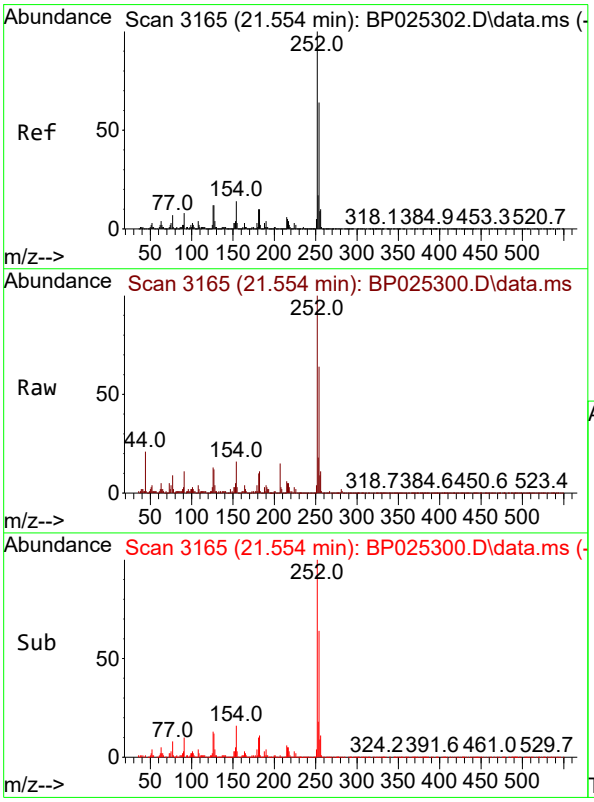
#81
Benzo(a)anthracene
Concen: 9.842 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 727727

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.8	32.8
229	19.4	16.0	24.0

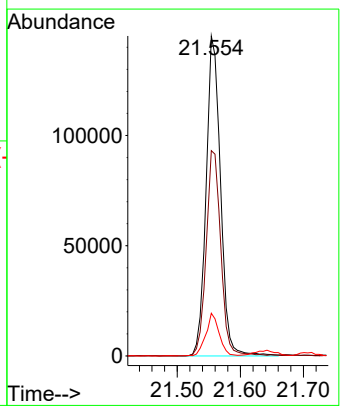


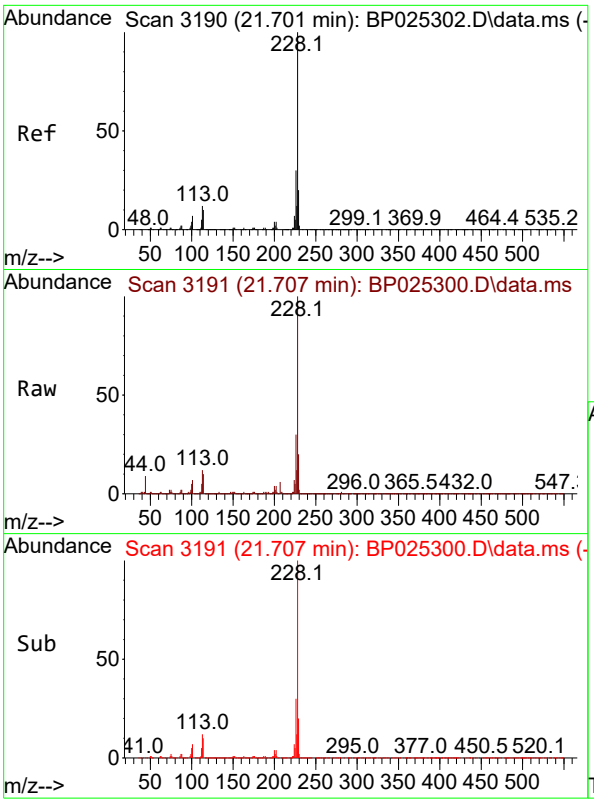


#82
3,3'-Dichlorobenzidine
Concen: 8.826 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:252 Resp: 230264

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.0	76.6
126	13.4	9.4	14.2



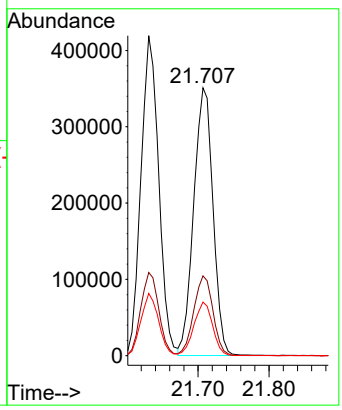


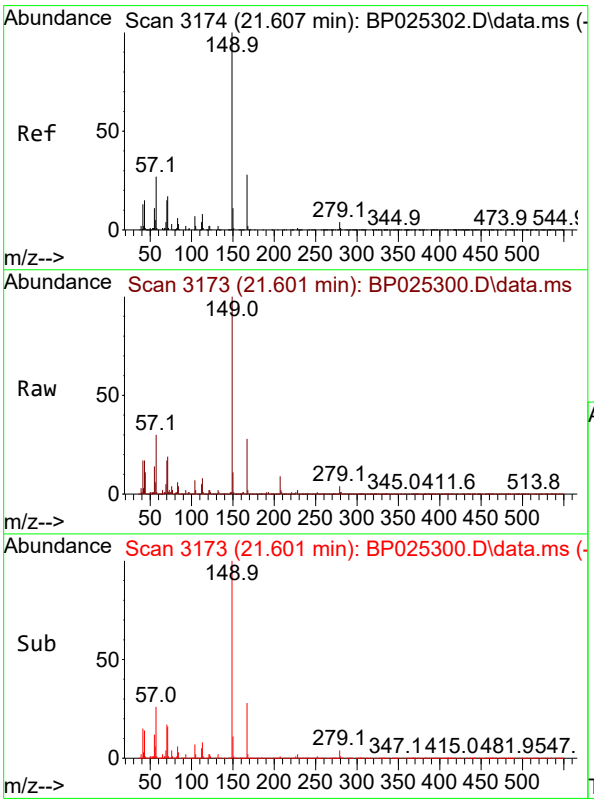
#83
Chrysene
Concen: 9.677 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 663697

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	20.0	15.9	23.9

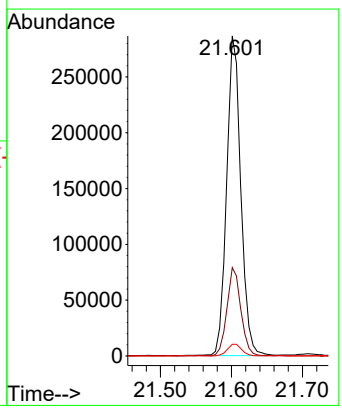


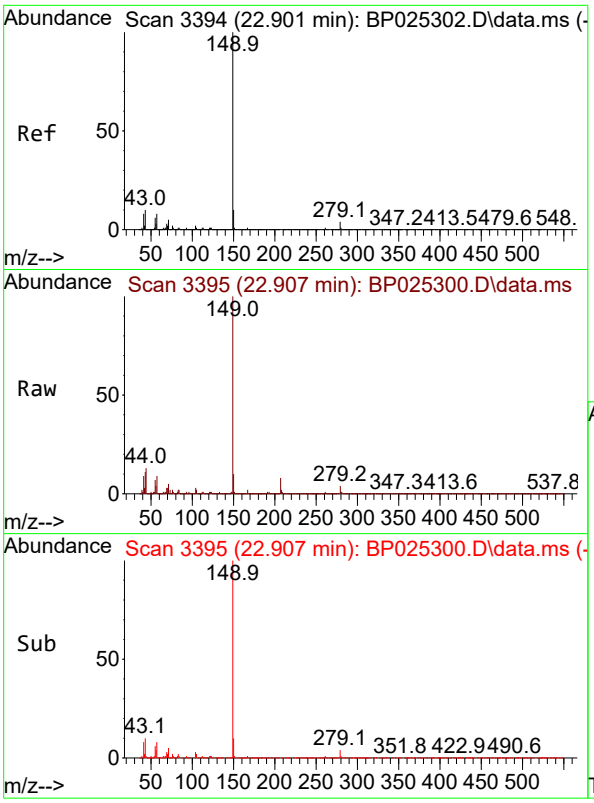


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.280 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:149 Resp: 396772

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	3.7	3.4	5.2



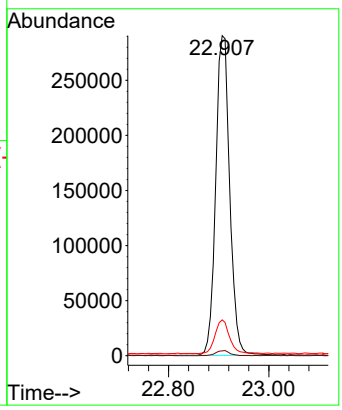


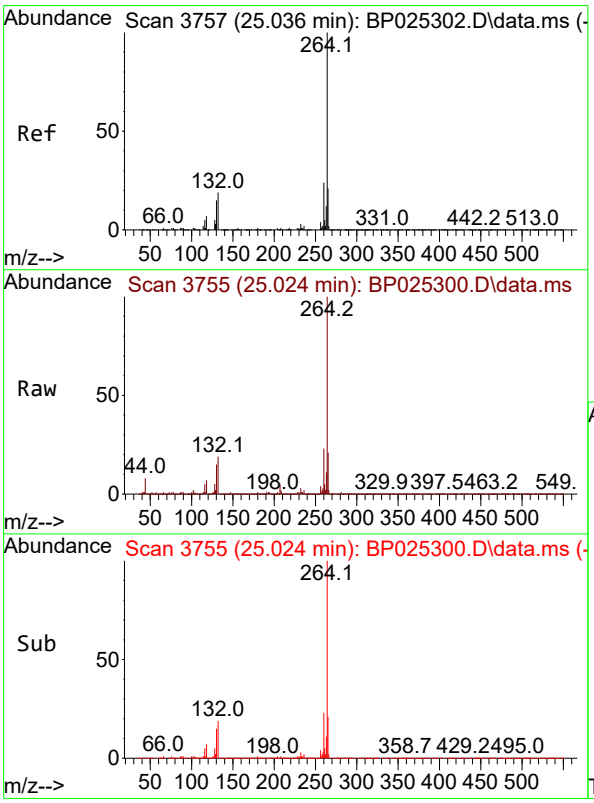
#85
Di-n-octyl phthalate
Concen: 7.010 ng
RT: 22.907 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 562282

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.8	7.9	11.9

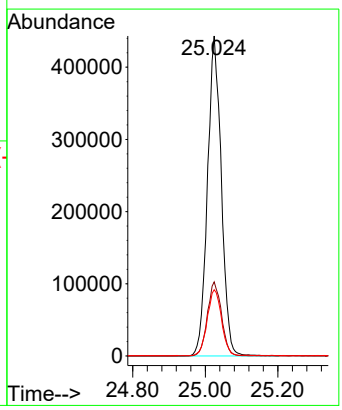


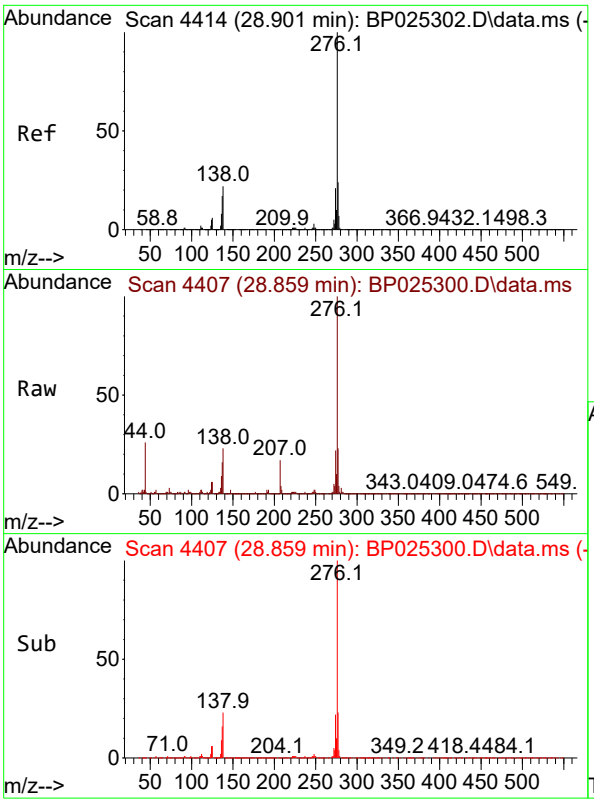


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:264 Resp: 1171338

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.7	17.1	25.7



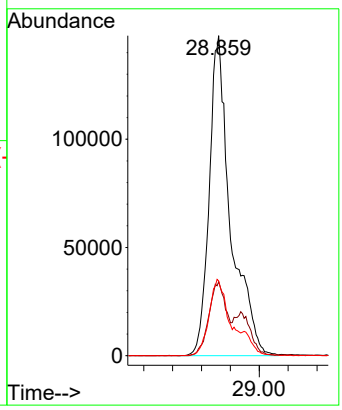


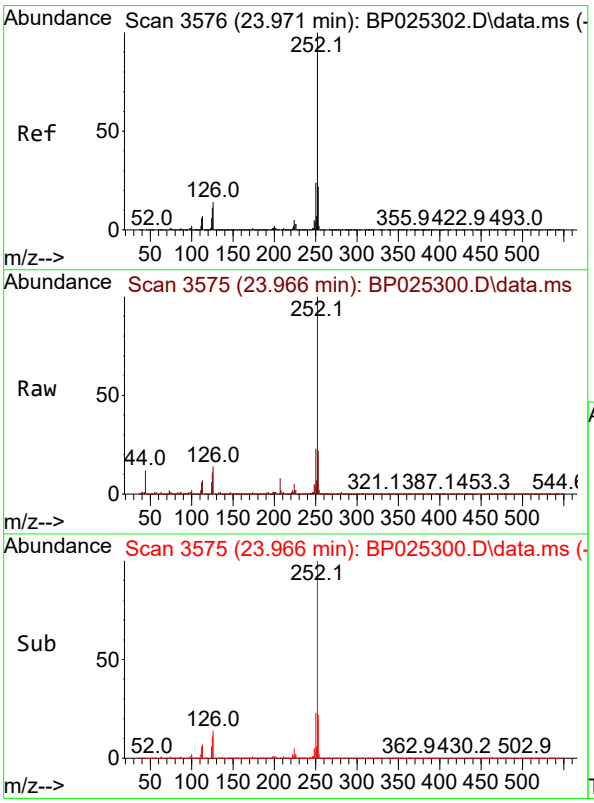
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.070 ng
RT: 28.859 min Scan# 44
Delta R.T. -0.042 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 762632

Ion	Ratio	Lower	Upper
276	100		
138	18.6	14.6	22.0
277	21.9	16.8	25.2

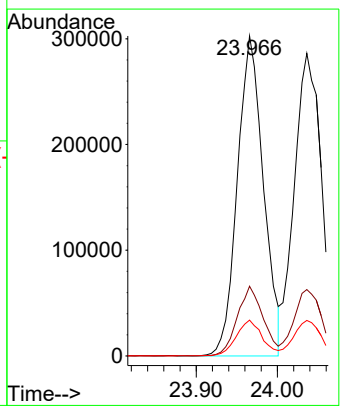


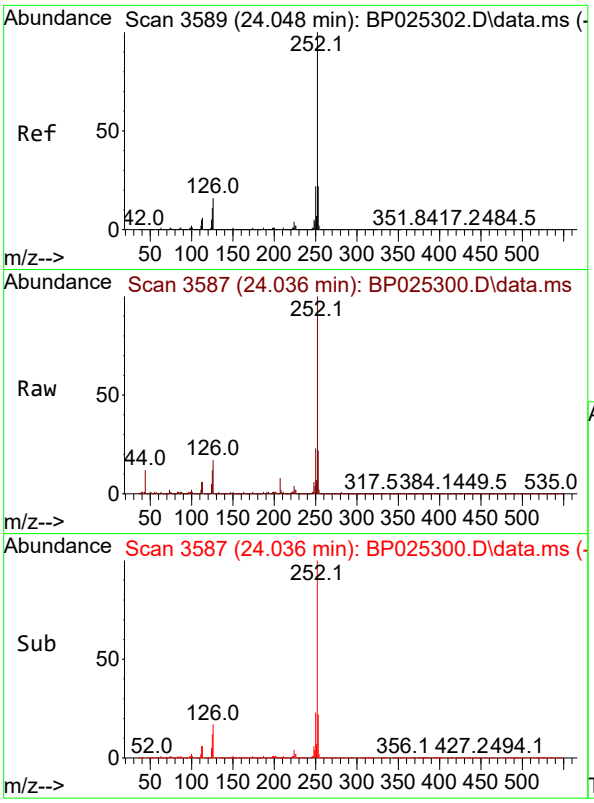


#88
Benzo(b)fluoranthene
Concen: 9.613 ng
RT: 23.966 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:252 Resp: 674021

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.2	8.5	12.7



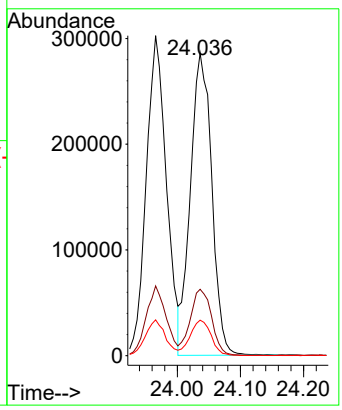


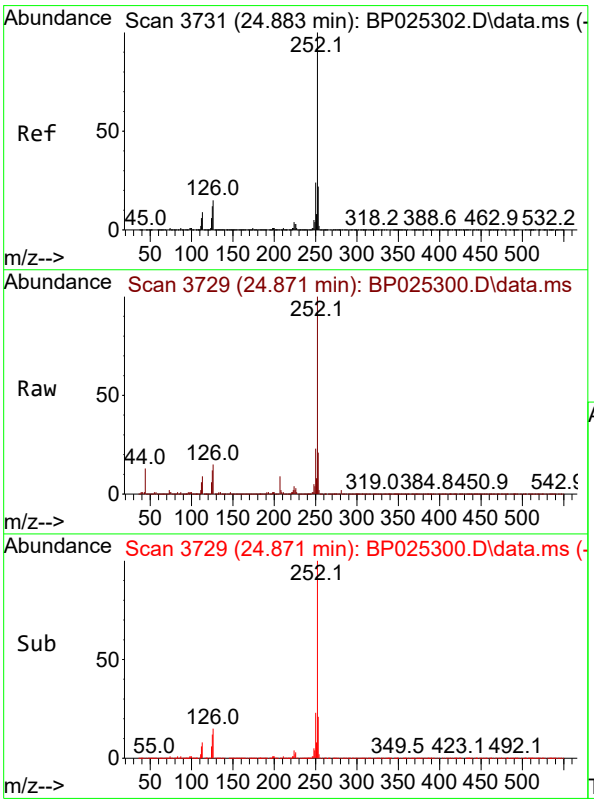
#89
Benzo(k)fluoranthene
Concen: 9.648 ng
RT: 24.036 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 670628

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.8	8.5	12.7

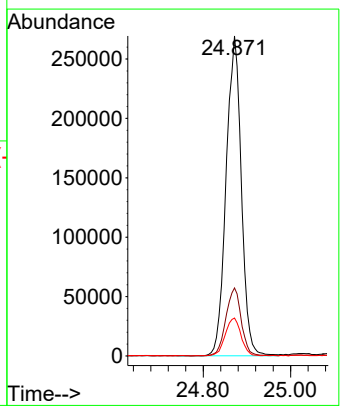


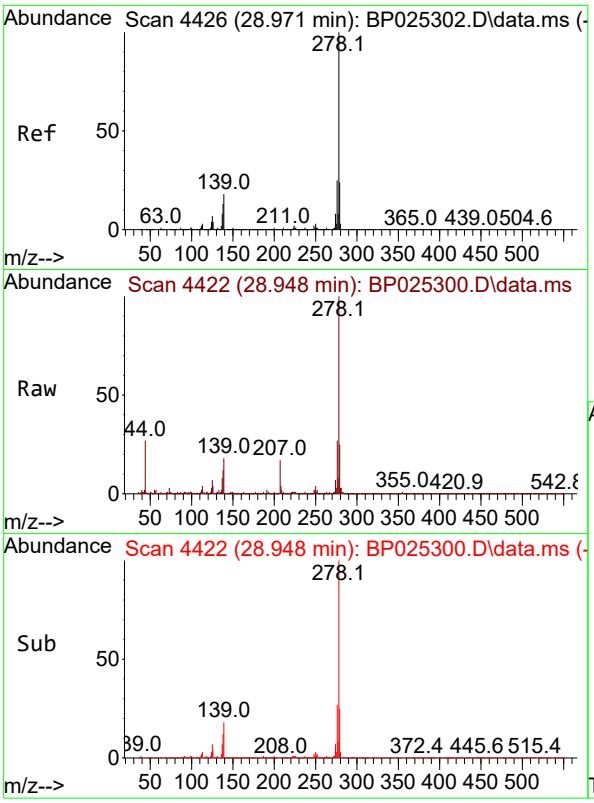


#90
Benzo(a)pyrene
Concen: 9.608 ng
RT: 24.871 min Scan# 3729
Delta R.T. -0.012 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:252 Resp: 648807

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	11.9	9.4	14.0



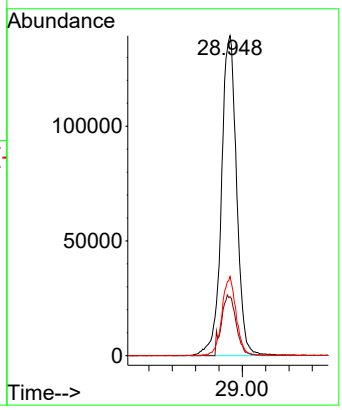


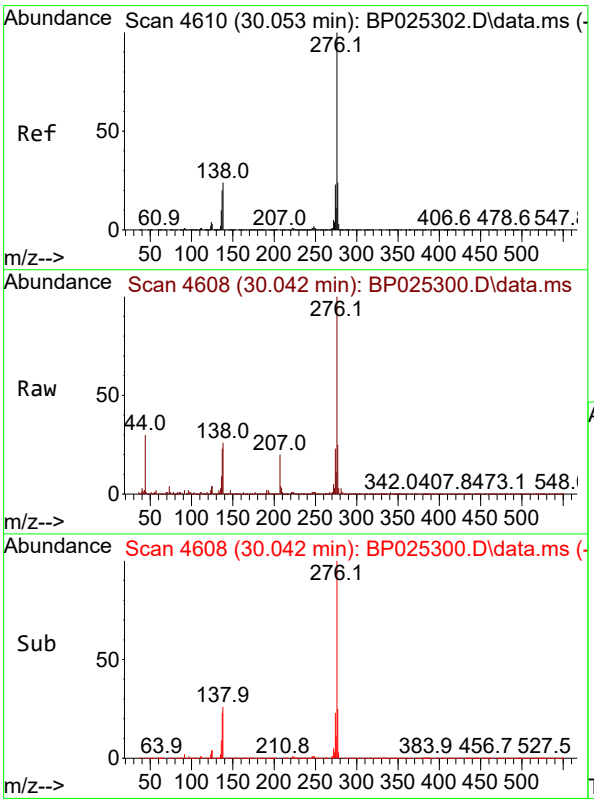
#91
Dibenzo(a,h)anthracene
Concen: 9.173 ng
RT: 28.948 min Scan# 44
Delta R.T. -0.023 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 630715

Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.6	22.0
279	24.8	19.0	28.4

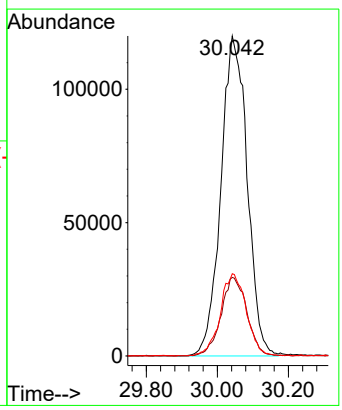




#92
Benzo(g,h,i)perylene
Concen: 9.120 ng
RT: 30.042 min Scan# 4608
Delta R.T. -0.011 min
Lab File: BP025300.D
Acq: 05 Aug 2025 13:25

Tgt Ion:276 Resp: 615632

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	25.7	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025301.D
Acq On : 05 Aug 2025 14:06
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 06 06:00:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	294592	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1257251	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	772745	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	1545091	20.000	ng		-0.02
76) Chrysene-d12	21.642	240	1541869	20.000	ng		-0.02
86) Perylene-d12	25.018	264	1709357	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	736938	39.974	ng		0.00
7) Phenol-d6	6.961	99	970685	39.915	ng		0.00
23) Nitrobenzene-d5	8.937	82	943796	40.616	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	325099	40.747	ng		-0.01
45) 2-Fluorobiphenyl	13.031	172	2285838	41.076	ng		0.00
79) Terphenyl-d14	19.925	244	3380656	41.421	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	141085	19.519	ng		98
3) Pyridine	3.725	79	394975	19.668	ng		99
4) n-Nitrosodimethylamine	3.637	42	184663	19.807	ng		97
6) Aniline	7.131	93	650581	19.660	ng		100
8) 2-Chlorophenol	7.366	128	399216	19.912	ng		99
9) Benzaldehyde	6.943	77	319029	18.633	ng		98
10) Phenol	6.984	94	509021	19.736	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	400605	19.823	ng		99
12) 1,3-Dichlorobenzene	7.696	146	449548	19.955	ng		99
13) 1,4-Dichlorobenzene	7.837	146	452555	19.856	ng		99
14) 1,2-Dichlorobenzene	8.149	146	439038	19.885	ng		98
15) Benzyl Alcohol	8.025	79	362188	19.383	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	635912	19.920	ng		98
17) 2-Methylphenol	8.225	107	340407	19.724	ng		98
18) Hexachloroethane	8.878	117	158949	19.501	ng		98
19) n-Nitroso-di-n-propyla...	8.590	70	312863	19.754	ng		99
20) 3+4-Methylphenols	8.543	107	461472	19.418	ng		98
22) Acetophenone	8.607	105	640590	20.296	ng	#	99
24) Nitrobenzene	8.978	77	435932	20.293	ng		100
25) Isophorone	9.502	82	882394	19.534	ng		99
26) 2-Nitrophenol	9.684	139	144380	17.898	ng		99
27) 2,4-Dimethylphenol	9.743	122	387180	18.591	ng		94
28) bis(2-Chloroethoxy)met...	9.984	93	549341	19.991	ng		99
29) 2,4-Dichlorophenol	10.213	162	368492	20.210	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	407796	20.272	ng		98
31) Naphthalene	10.625	128	1313112	20.119	ng		100
32) Benzoic acid	9.831	122	159597	19.976	ng		98
33) 4-Chloroaniline	10.719	127	578033	19.913	ng		99
34) Hexachlorobutadiene	10.919	225	232981	20.177	ng		99
35) Caprolactam	11.454	113	132591	18.704	ng		96
36) 4-Chloro-3-methylphenol	11.831	107	410728	19.468	ng		97
37) 2-Methylnaphthalene	12.225	142	836183	19.794	ng		97
38) 1-Methylnaphthalene	12.443	142	884130	20.058	ng		99
40) 1,2,4,5-Tetrachloroben...	12.596	216	435991	20.666	ng		99
41) Hexachlorocyclopentadiene	12.584	237	250447	19.234	ng		99
43) 2,4,6-Trichlorophenol	12.825	196	277071	20.330	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025301.D
Acq On : 05 Aug 2025 14:06
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:00:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	315277	20.622	ng		98
46) 1,1'-Biphenyl	13.243	154	1177906	20.684	ng		100
47) 2-Chloronaphthalene	13.284	162	893709	20.570	ng		99
48) 2-Nitroaniline	13.466	65	221835	19.318	ng		98
49) Acenaphthylene	14.131	152	1469277	20.274	ng		100
50) Dimethylphthalate	13.860	163	1136145	20.169	ng		100
51) 2,6-Dinitrotoluene	13.972	165	214760	20.669	ng		96
52) Acenaphthene	14.472	154	893336	20.209	ng		100
53) 3-Nitroaniline	14.295	138	244949	20.146	ng		97
54) 2,4-Dinitrophenol	14.501	184	62185	20.728	ng	#	64
55) Dibenzofuran	14.813	168	1340675	20.295	ng		99
56) 4-Nitrophenol	14.595	139	208471	19.428	ng		99
57) 2,4-Dinitrotoluene	14.760	165	278602	19.379	ng		88
58) Fluorene	15.466	166	1065702	20.540	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	261795	20.379	ng		99
60) Diethylphthalate	15.248	149	1157469	20.380	ng		100
61) 4-Chlorophenyl-phenyle...	15.472	204	502874	20.445	ng		97
62) 4-Nitroaniline	15.472	138	250280	20.775	ng		99
63) Azobenzene	15.766	77	1062864	20.145	ng		100
65) 4,6-Dinitro-2-methylph...	15.537	198	96827	20.007	ng		97
66) n-Nitrosodiphenylamine	15.678	169	954626	20.292	ng		99
67) 4-Bromophenyl-phenylether	16.378	248	311442	20.033	ng		98
68) Hexachlorobenzene	16.495	284	345386	19.800	ng		100
69) Atrazine	16.654	200	336474	20.337	ng		98
70) Pentachlorophenol	16.836	266	214251	19.278	ng		98
71) Phenanthrene	17.242	178	1695710	20.038	ng		99
72) Anthracene	17.342	178	1744320	20.442	ng		100
73) Carbazole	17.613	167	1677911	20.485	ng		100
74) Di-n-butylphthalate	18.219	149	2066393	20.853	ng		99
75) Fluoranthene	19.325	202	1994945	20.364	ng		99
77) Benzidine	19.513	184	1175553	21.065	ng		100
78) Pyrene	19.695	202	2081509	20.301	ng		99
80) Butylbenzylphthalate	20.660	149	854396	20.547	ng		100
81) Benzo(a)anthracene	21.619	228	2092336	20.421	ng		99
82) 3,3'-Dichlorobenzidine	21.542	252	745703	20.628	ng		99
83) Chrysene	21.689	228	1938698	20.400	ng		99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1391559	20.958	ng		99
85) Di-n-octyl phthalate	22.889	149	2211074	19.895	ng		99
87) Indeno(1,2,3-cd)pyrene	28.854	276	2454026m	20.000	ng		
88) Benzo(b)fluoranthene	23.954	252	2040906	19.945	ng		99
89) Benzo(k)fluoranthene	24.018	252	2032226	20.034	ng		99
90) Benzo(a)pyrene	24.854	252	1962673	19.917	ng		99
91) Dibenzo(a,h)anthracene	28.953	278	1992808	19.860	ng		98
92) Benzo(g,h,i)perylene	30.036	276	1964046	19.938	ng		98

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

ICAL Form

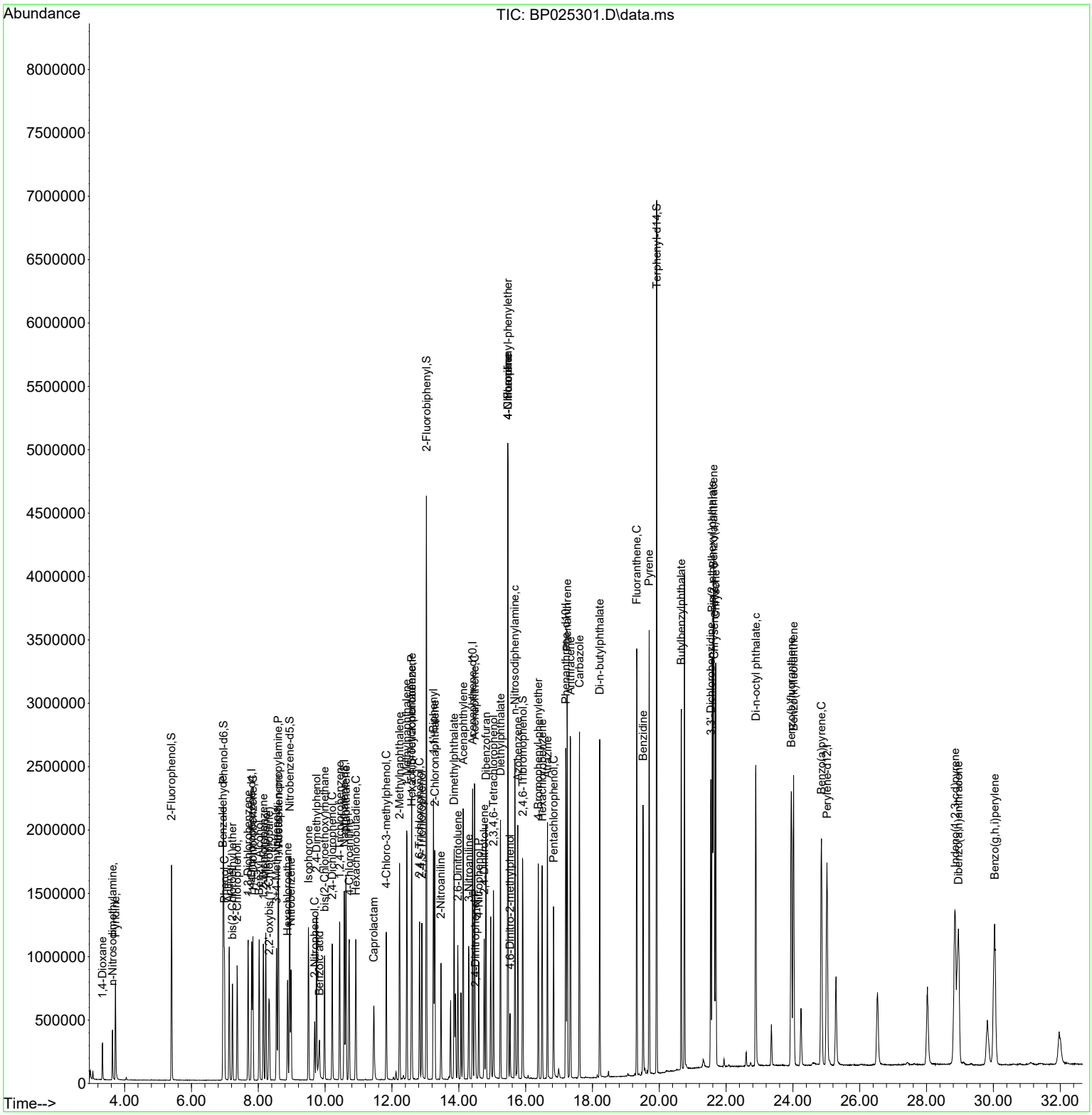
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025301.D
Acq On : 05 Aug 2025 14:06
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

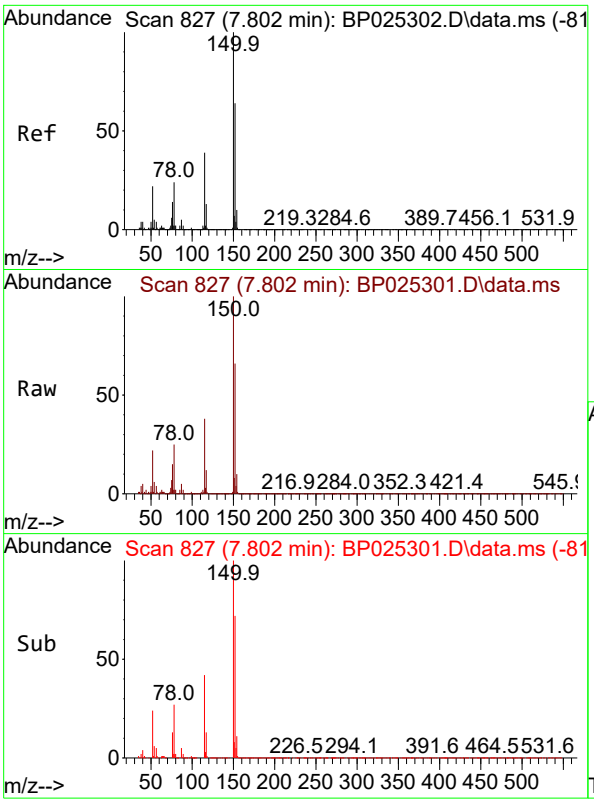
Quant Time: Aug 06 06:00:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

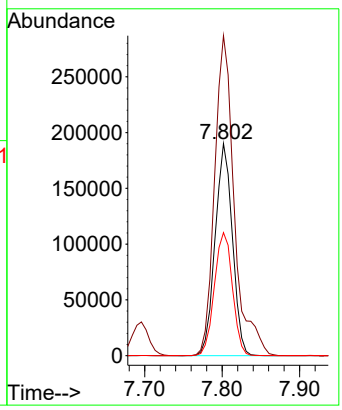




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:152 Resp: 29459

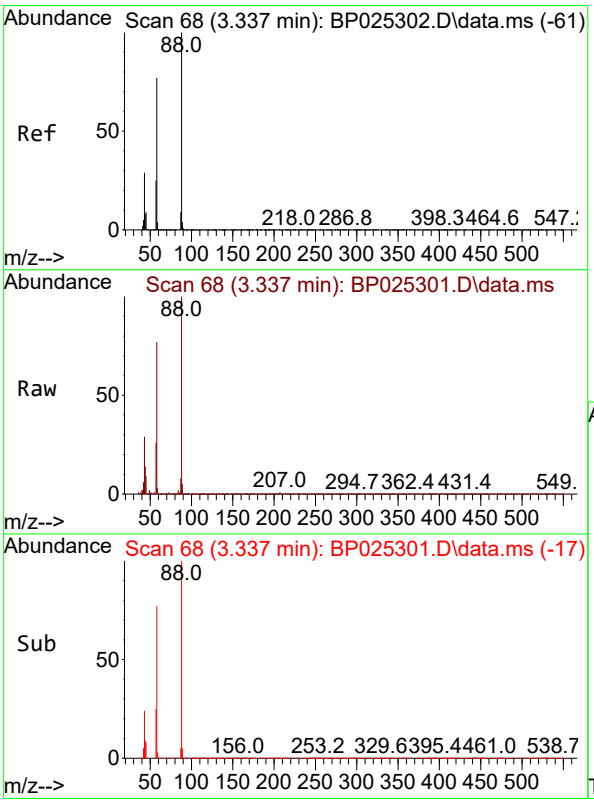
Ion	Ratio	Lower	Upper
152	100		
150	150.9	125.1	187.7
115	58.0	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

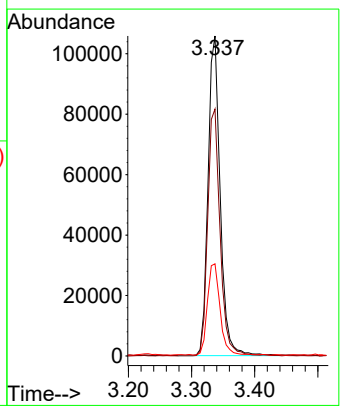
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

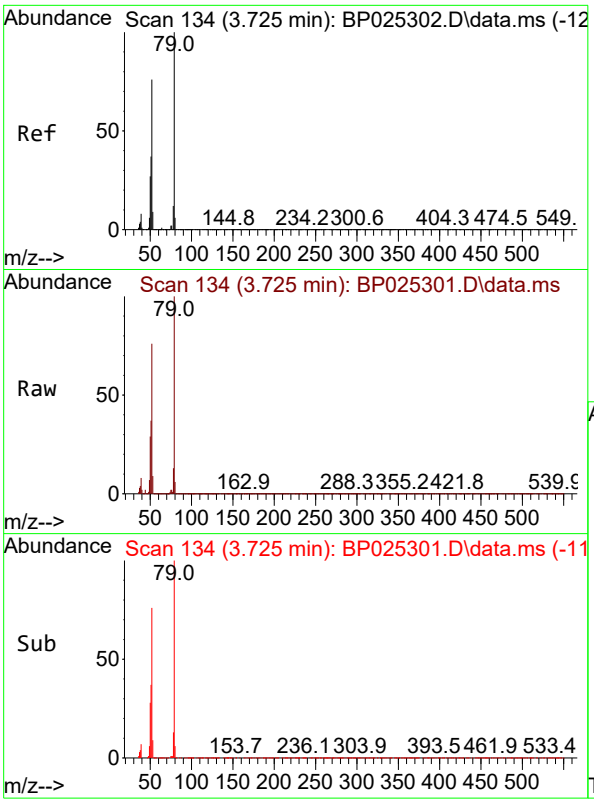


#2
1,4-Dioxane
Concen: 19.519 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 88 Resp: 141085

Ion	Ratio	Lower	Upper
88	100		
58	78.9	61.9	92.9
43	29.5	24.2	36.2

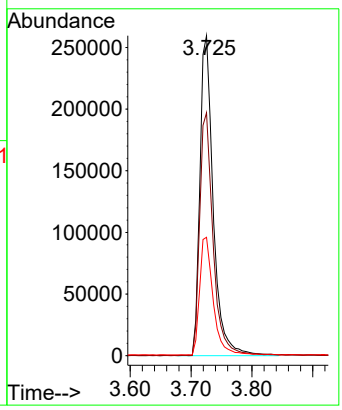




#3
Pyridine
Concen: 19.668 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 79 Resp: 39497

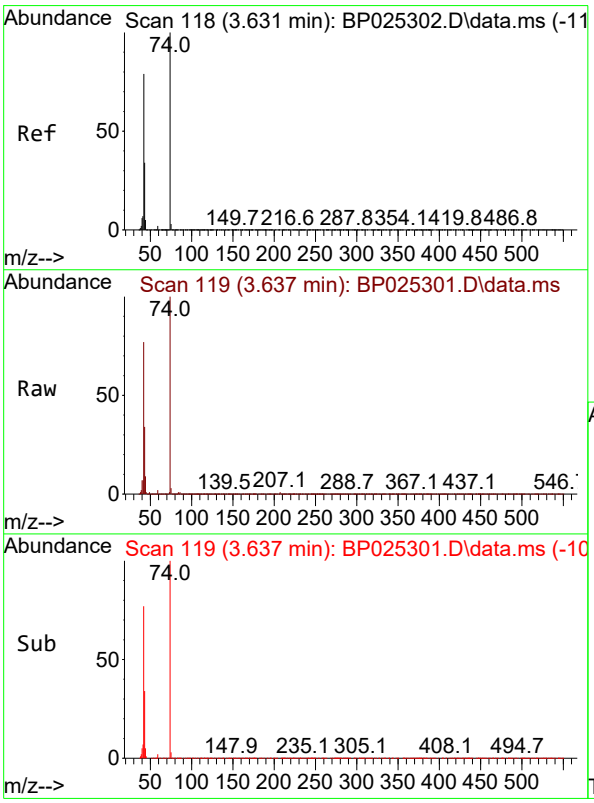
Ion	Ratio	Lower	Upper
79	100		
52	75.9	60.5	90.7
51	37.0	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

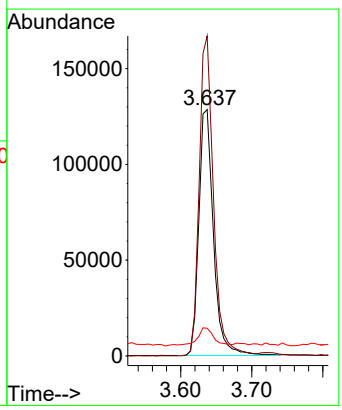
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

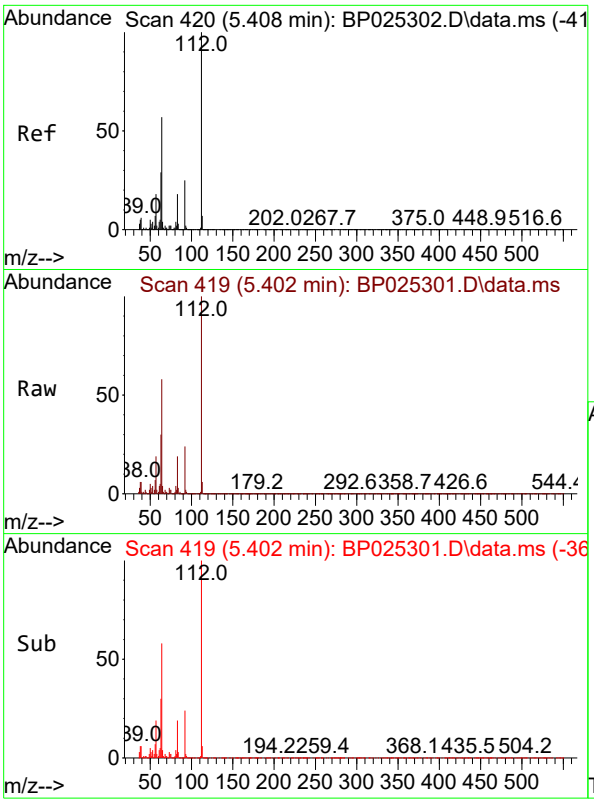


#4
n-Nitrosodimethylamine
Concen: 19.807 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 42 Resp: 184663

Ion	Ratio	Lower	Upper
42	100		
74	129.9	101.4	152.2
44	11.2	7.6	11.4

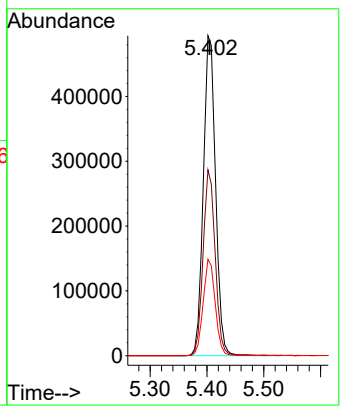




#5
2-Fluorophenol
Concen: 39.974 ng
RT: 5.402 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:112 Resp: 73693

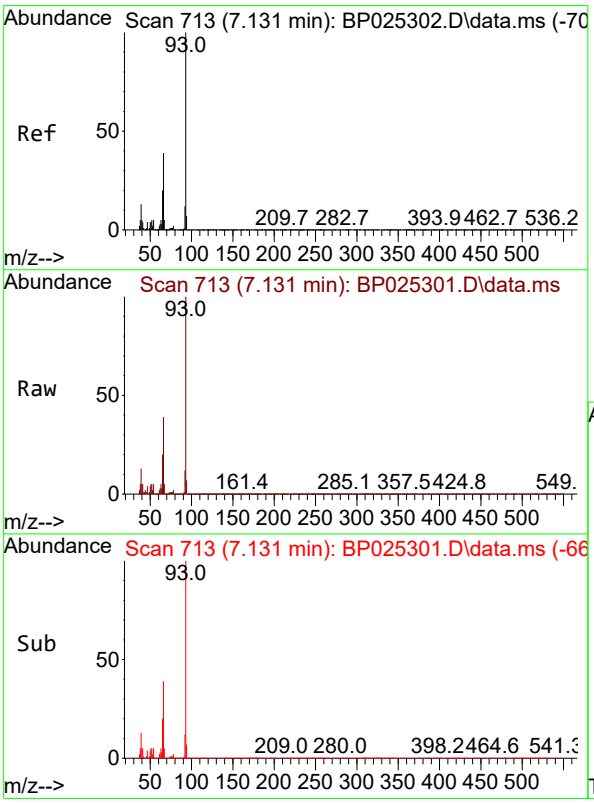
Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.3	67.9
63	30.1	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

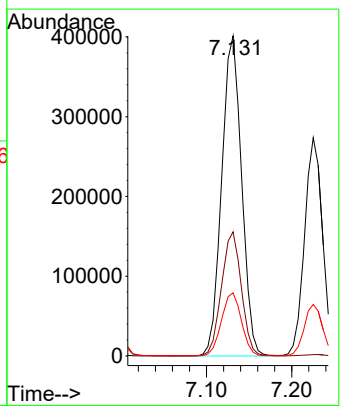
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

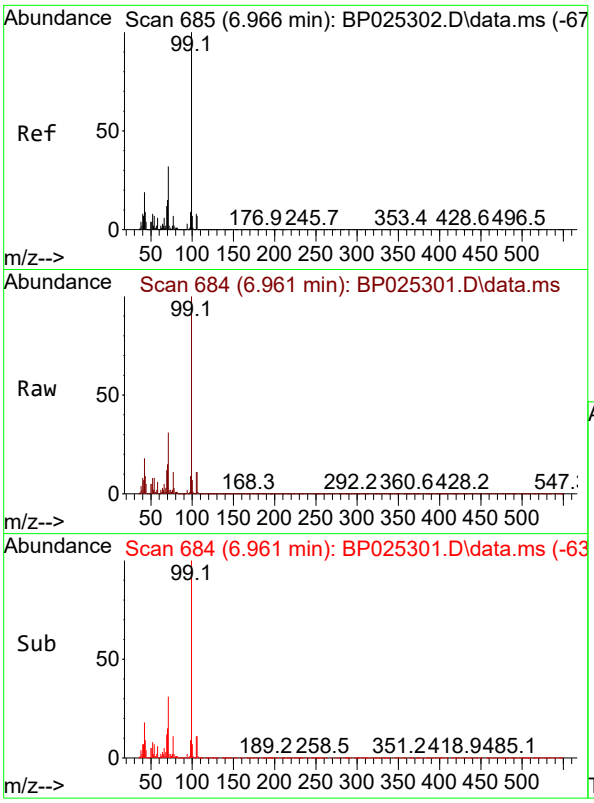


#6
Aniline
Concen: 19.660 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 93 Resp: 650581

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.1	46.7
65	19.8	15.8	23.8

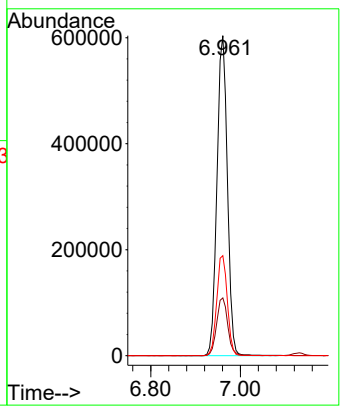




#7
Phenol-d6
Concen: 39.915 ng
RT: 6.961 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 99 Resp: 97068

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.6
71	31.3	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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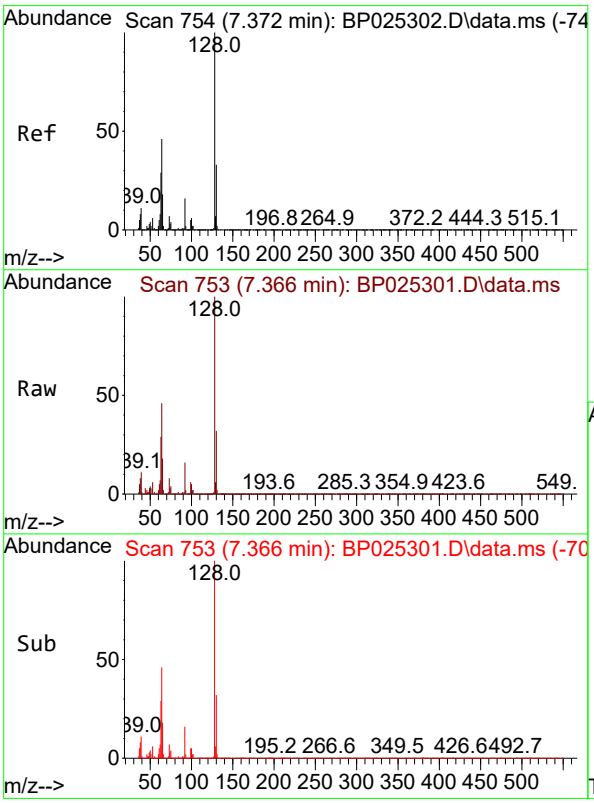
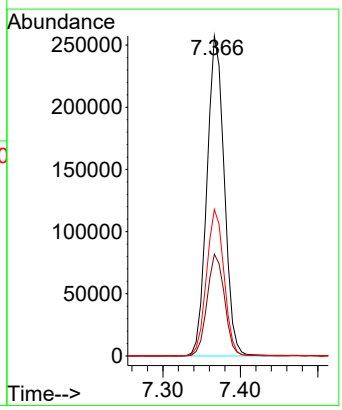
Supervised By :Jagrut Upadhyay 08/06/2025

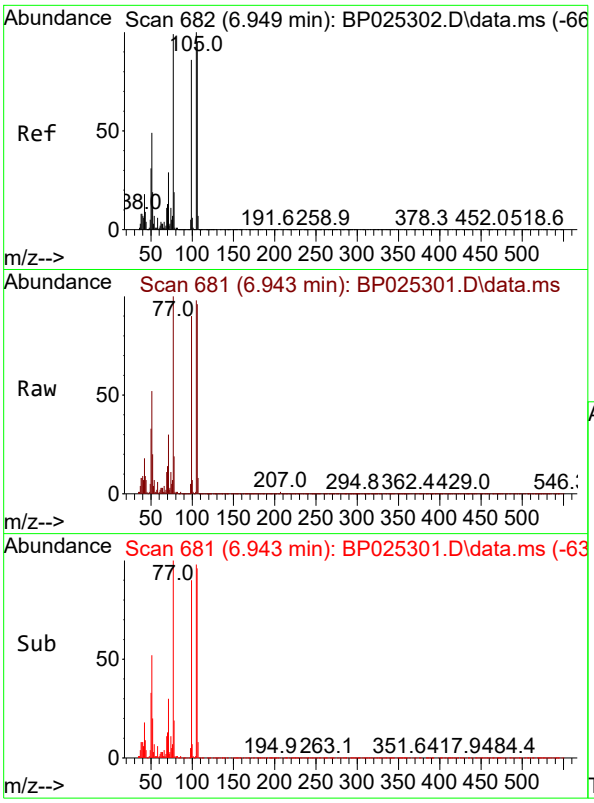


#8
2-Chlorophenol
Concen: 19.912 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:128 Resp: 399216

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.1	53.1
64	45.8	26.1	66.1

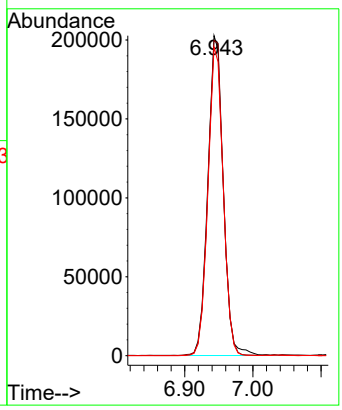




#9
Benzaldehyde
Concen: 18.633 ng
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 77 Resp: 31902

Ion	Ratio	Lower	Upper
77	100		
105	98.5	81.4	121.4
106	96.4	76.2	116.2



Instrument :
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ClientSampleId :
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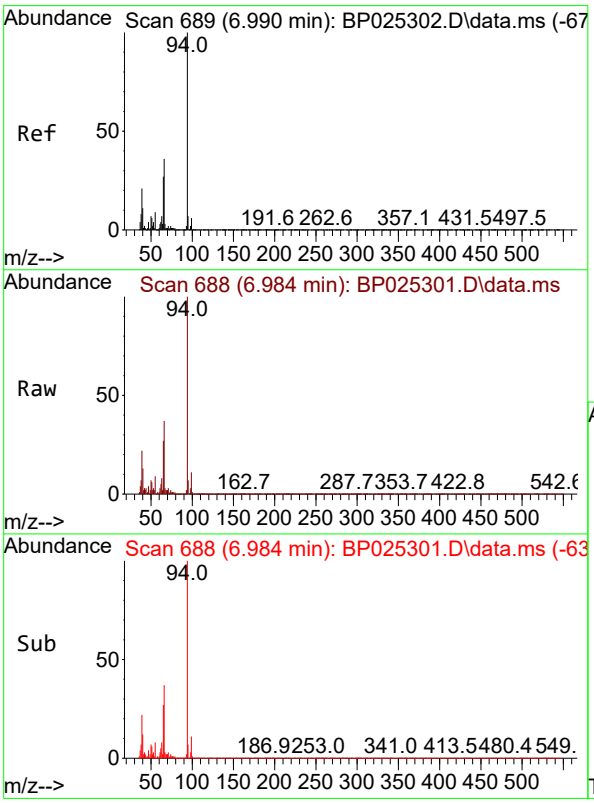
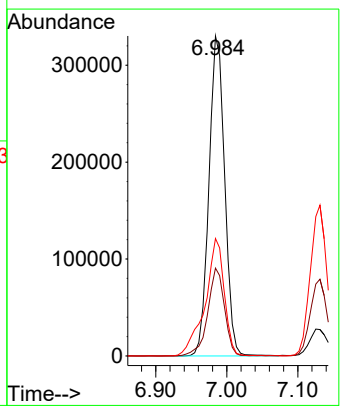
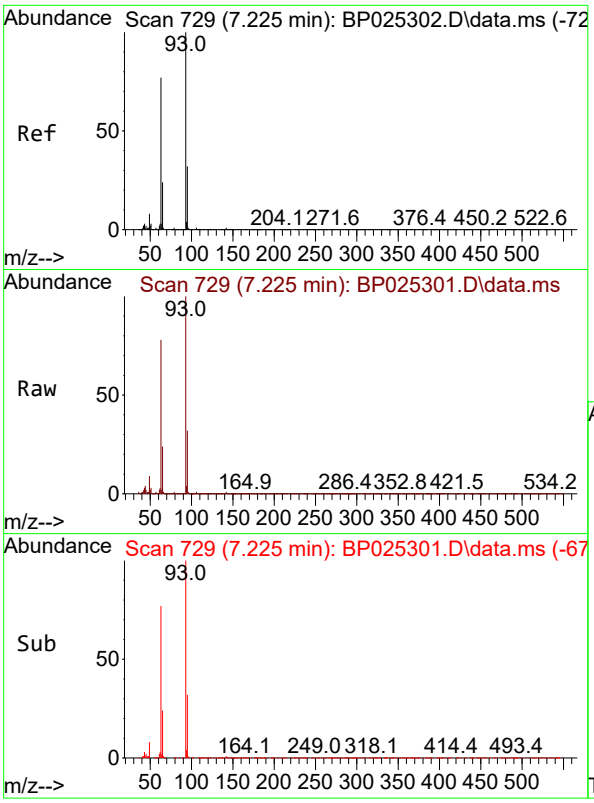


#10
Phenol
Concen: 19.736 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 94 Resp: 509021

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.3	47.3
66	36.7	15.7	55.7

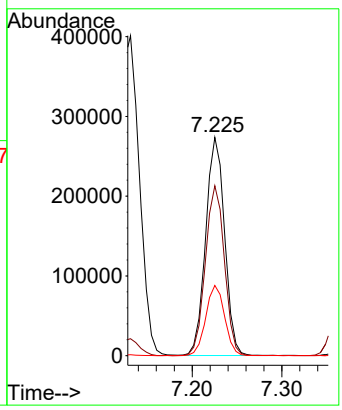




#11
bis(2-Chloroethyl)ether
Concen: 19.823 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 93 Resp: 40060

Ion	Ratio	Lower	Upper
93	100		
63	77.8	57.0	97.0
95	32.2	12.1	52.1



Instrument :
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ClientSampleId :
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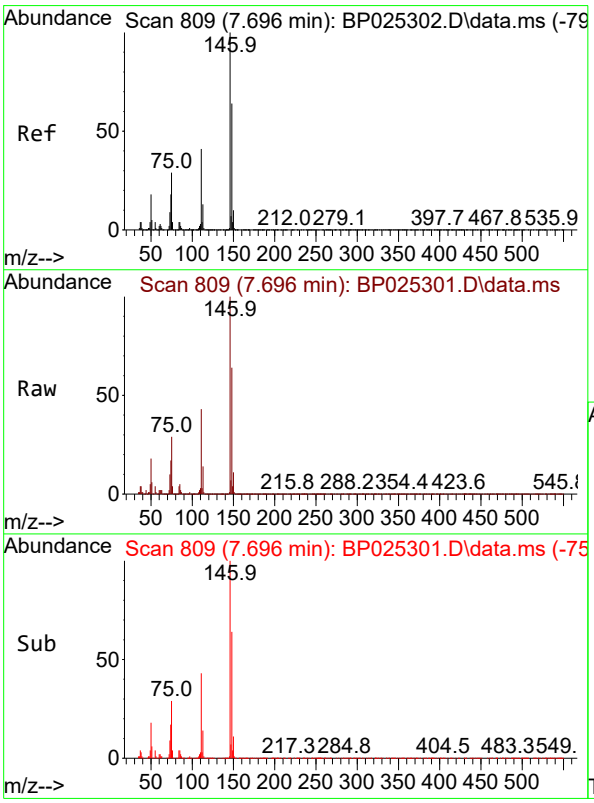
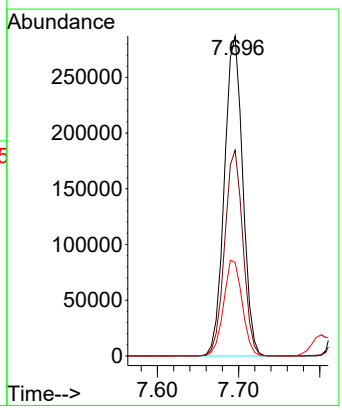
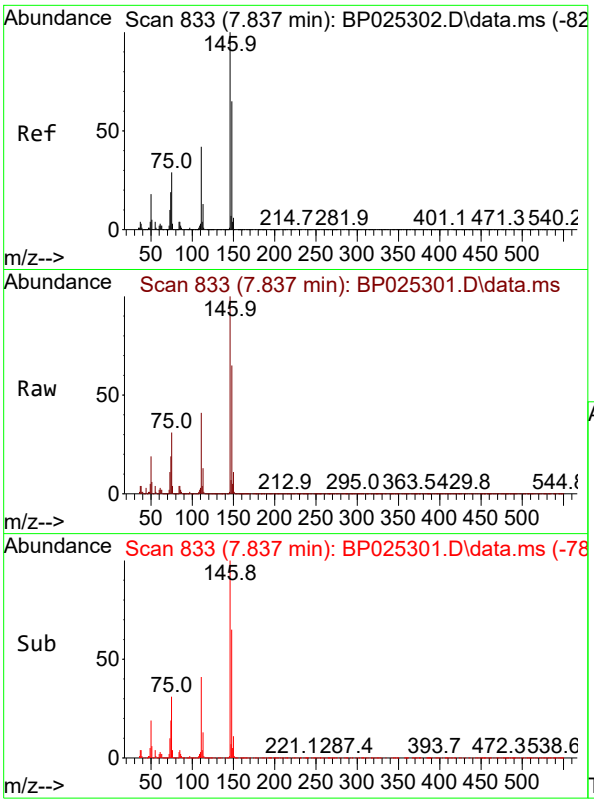


#12
1,3-Dichlorobenzene
Concen: 19.955 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:146 Resp: 449548

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
75	29.3	23.2	34.8

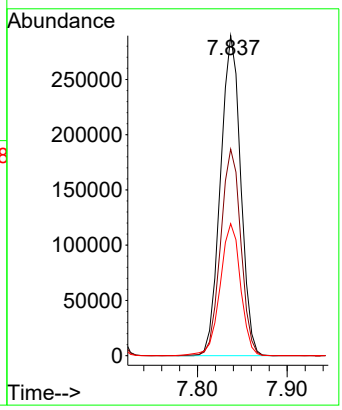




#13
1,4-Dichlorobenzene
Concen: 19.856 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:146 Resp: 45255

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	41.3	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
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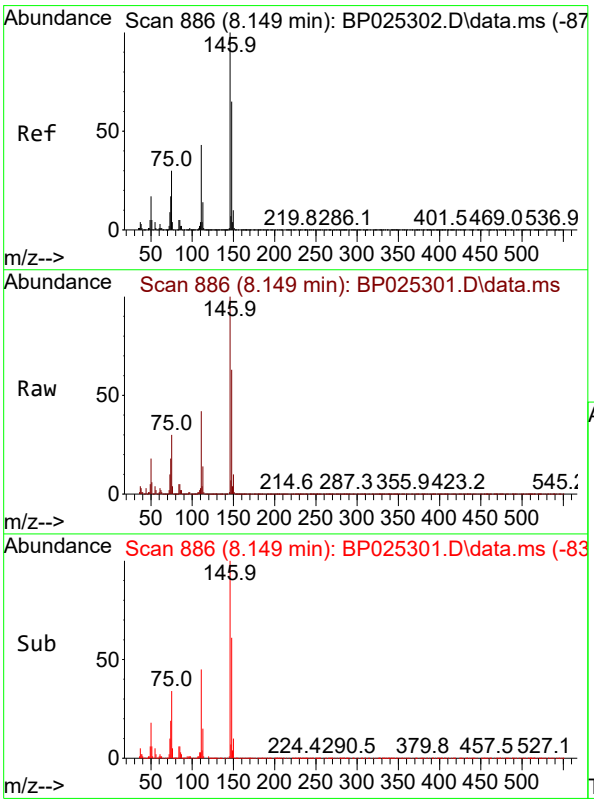
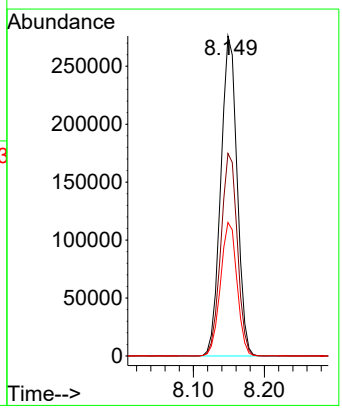
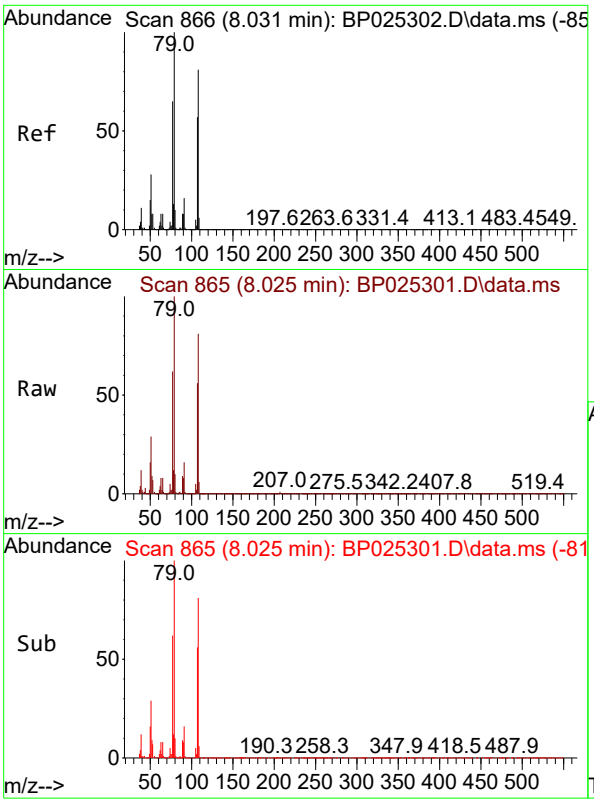


#14
1,2-Dichlorobenzene
Concen: 19.885 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:146 Resp: 439038

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	41.7	34.4	51.6

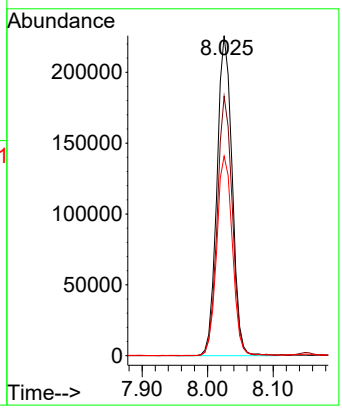




#15
Benzyl Alcohol
Concen: 19.383 ng
RT: 8.025 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 79 Resp: 36218

Ion	Ratio	Lower	Upper
79	100		
108	81.1	64.5	96.7
77	62.3	51.9	77.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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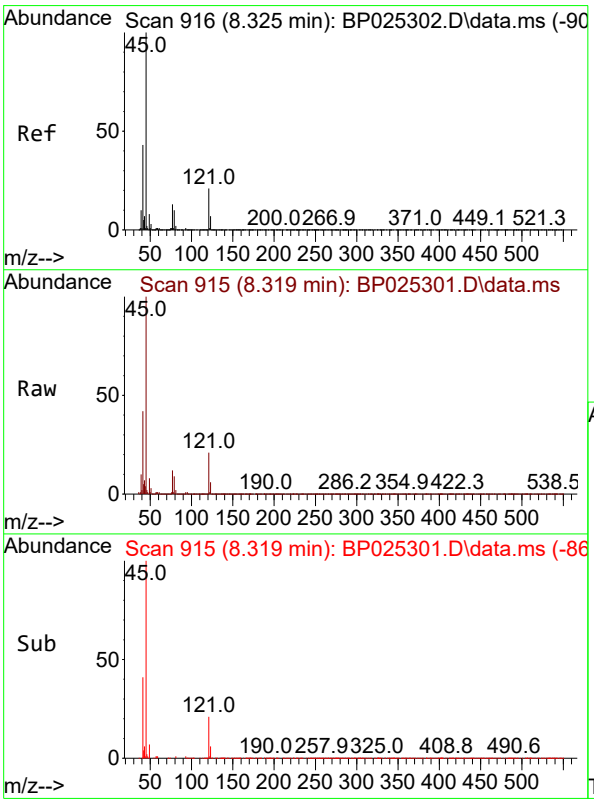
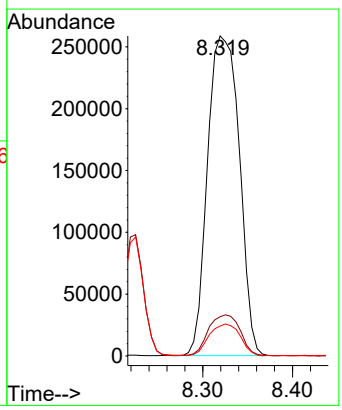
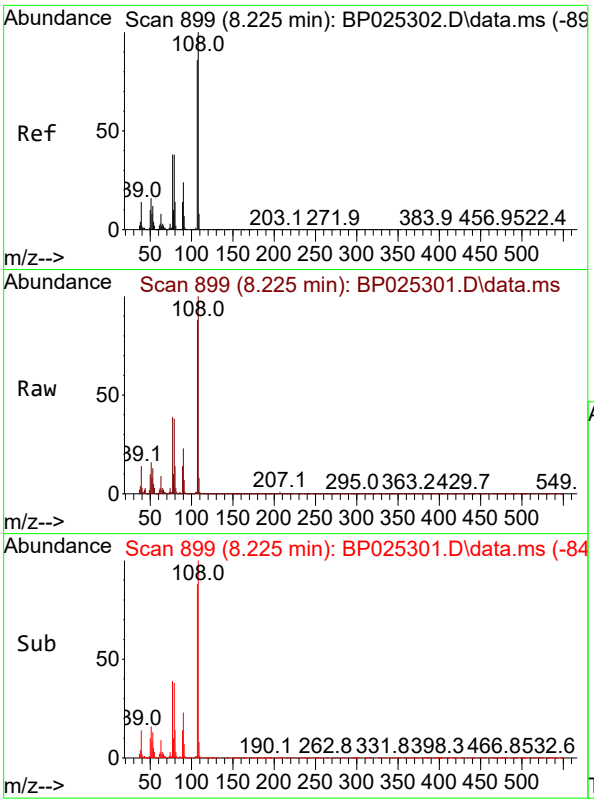


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.920 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 45 Resp: 635912

Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	33.0
79	9.3	0.0	29.8

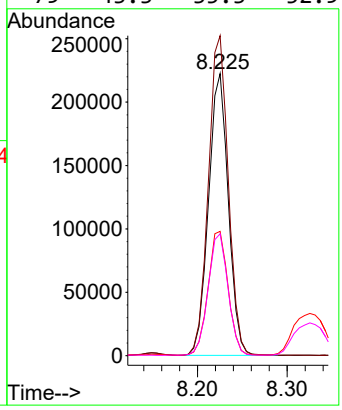




#17
2-Methylphenol
Concen: 19.724 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:107 Resp: 34040

Ion	Ratio	Lower	Upper
107	100		
108	113.5	92.6	139.0
77	44.1	35.4	53.2
79	43.3	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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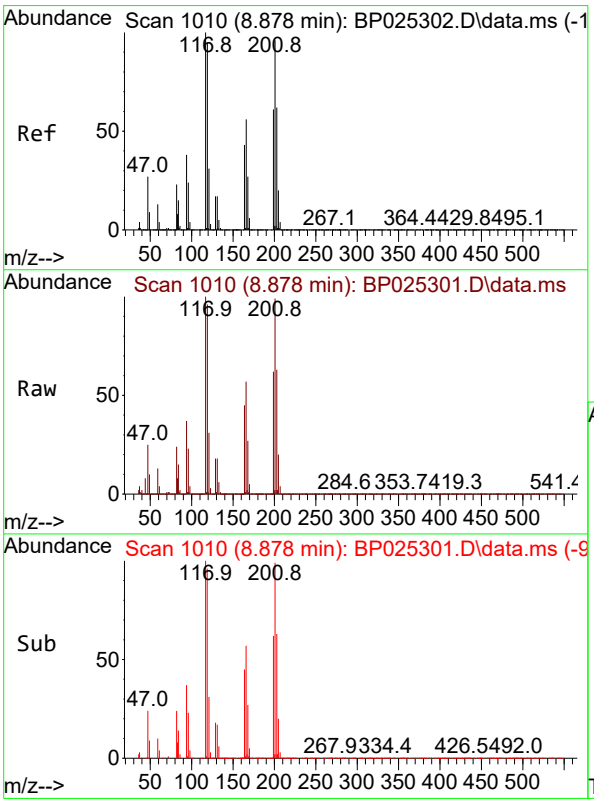
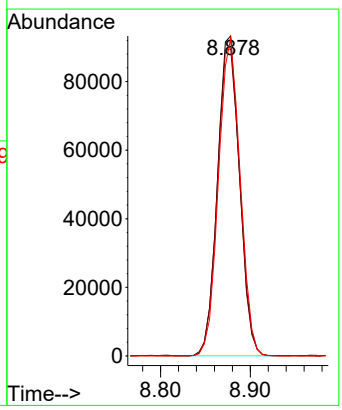
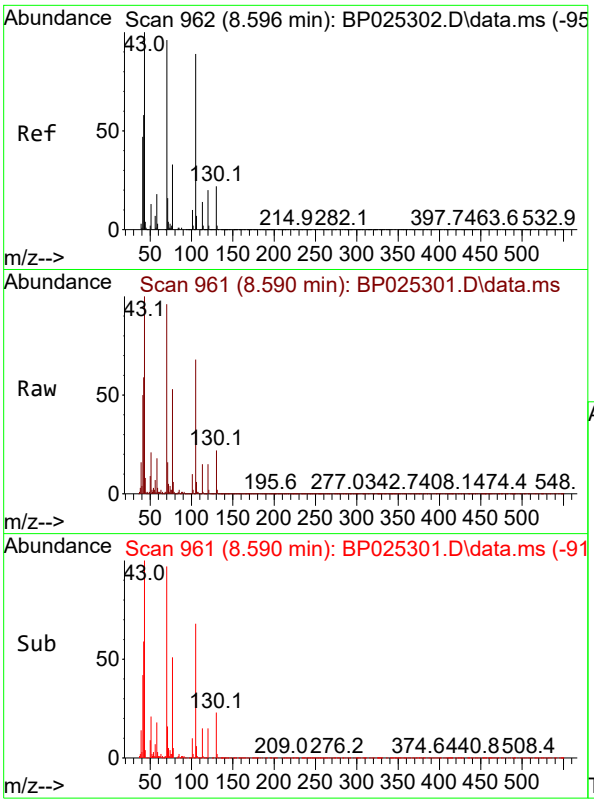


#18
Hexachloroethane
Concen: 19.501 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:117 Resp: 158949

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	99.3	76.6	114.8

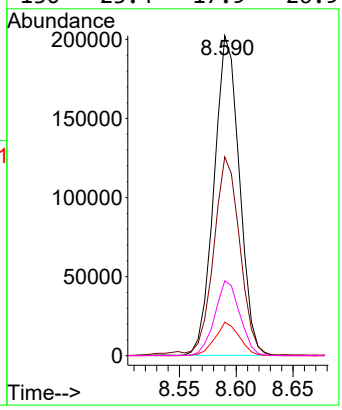




#19
n-Nitroso-di-n-propylamine
Concen: 19.754 ng
RT: 8.590 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 70 Resp: 31286

Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.4	74.0
101	10.5	7.9	11.9
130	23.4	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
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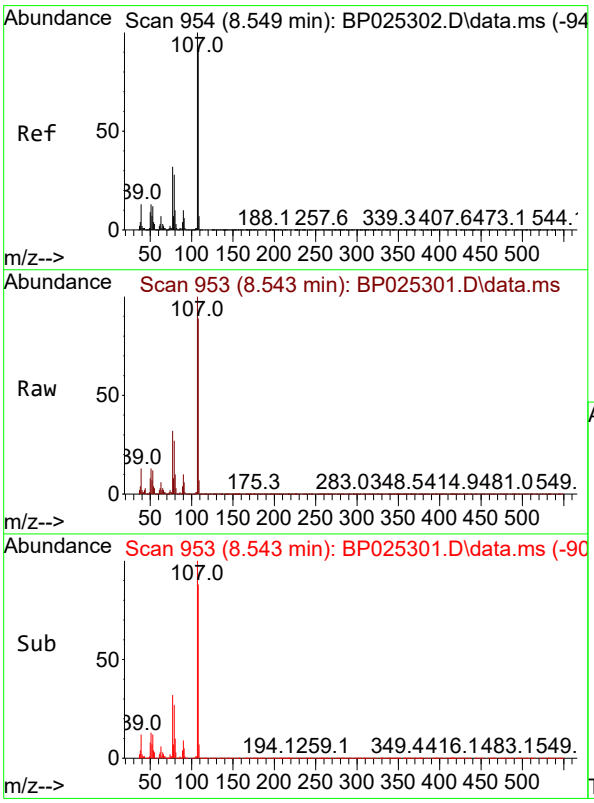
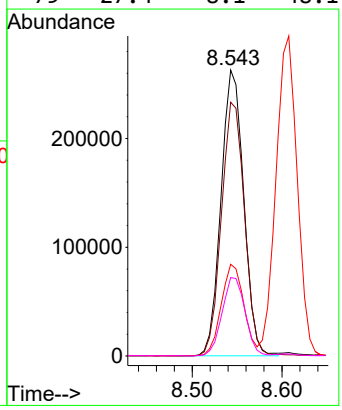
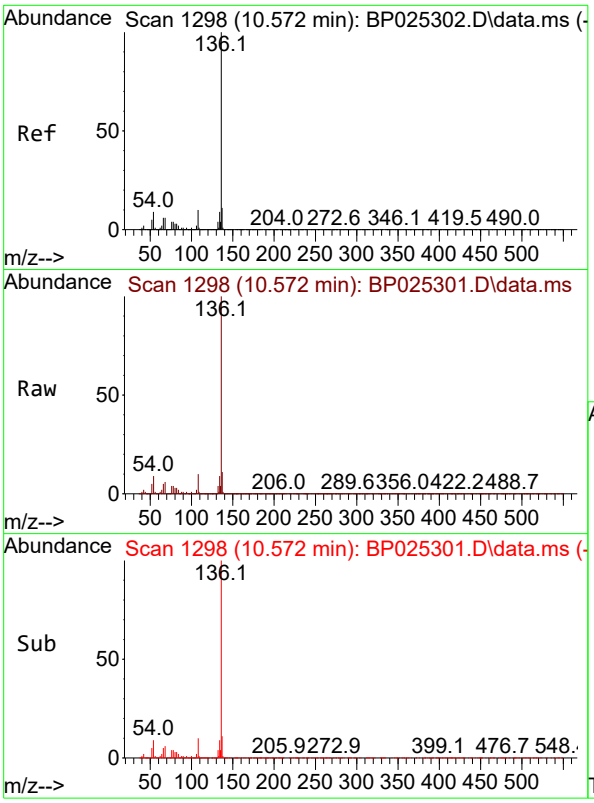


#20
3+4-Methylphenols
Concen: 19.418 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:107 Resp: 461472

Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.9	111.9
77	32.1	12.0	52.0
79	27.4	8.1	48.1

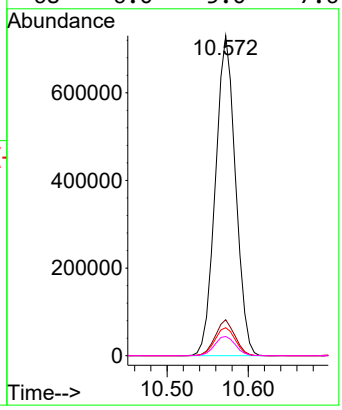




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:136 Resp: 125725

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	7.0	10.6
68	6.0	5.0	7.6



Instrument :
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ClientSampleId :
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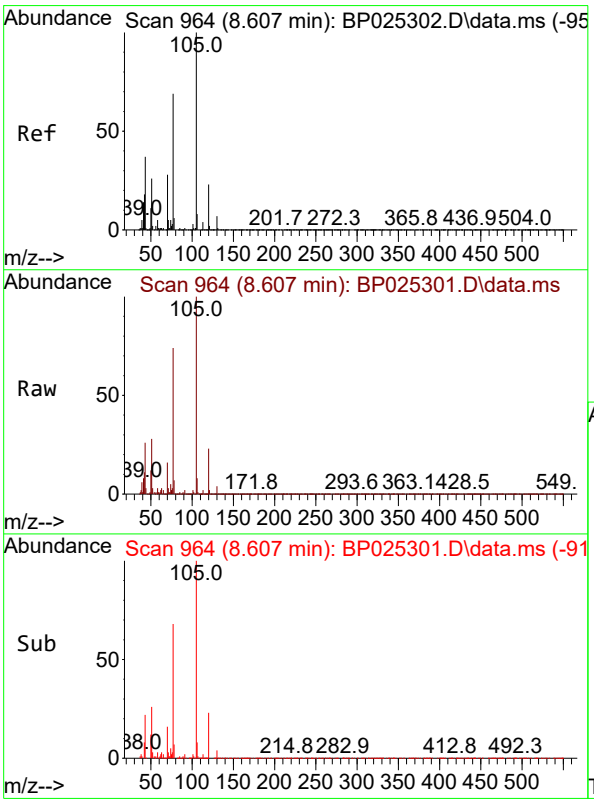
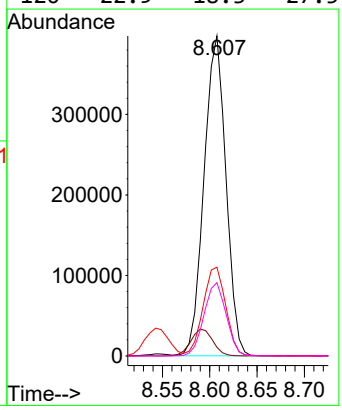
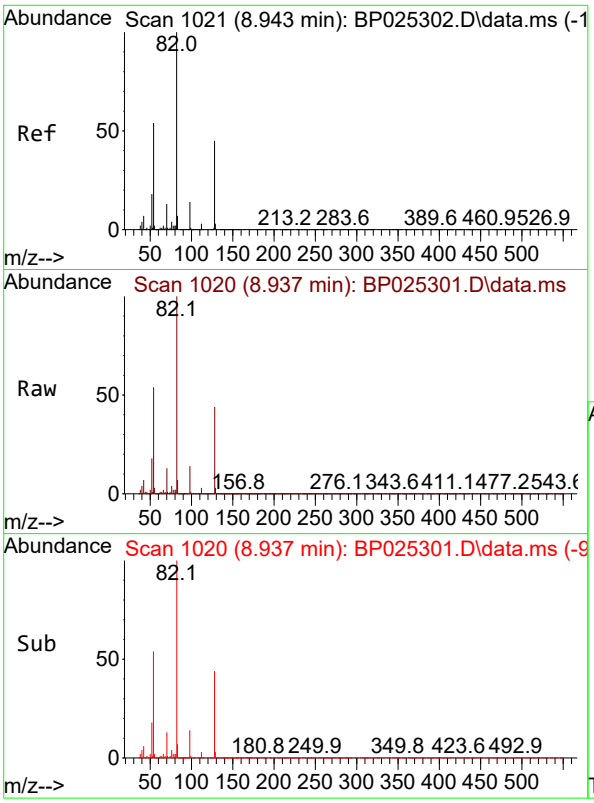


#22
Acetophenone
Concen: 20.296 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:105 Resp: 640590

Ion	Ratio	Lower	Upper
105	100		
71	2.7	4.1	6.1#
51	27.8	22.7	34.1
120	22.9	18.3	27.5

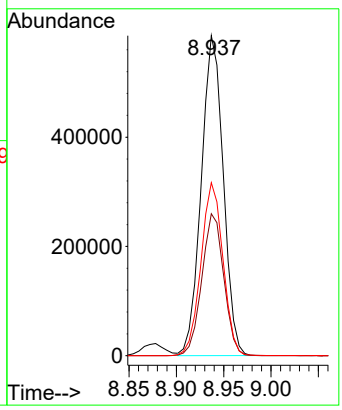




#23
Nitrobenzene-d5
Concen: 40.616 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 82 Resp: 94379

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.4	53.2
54	54.1	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
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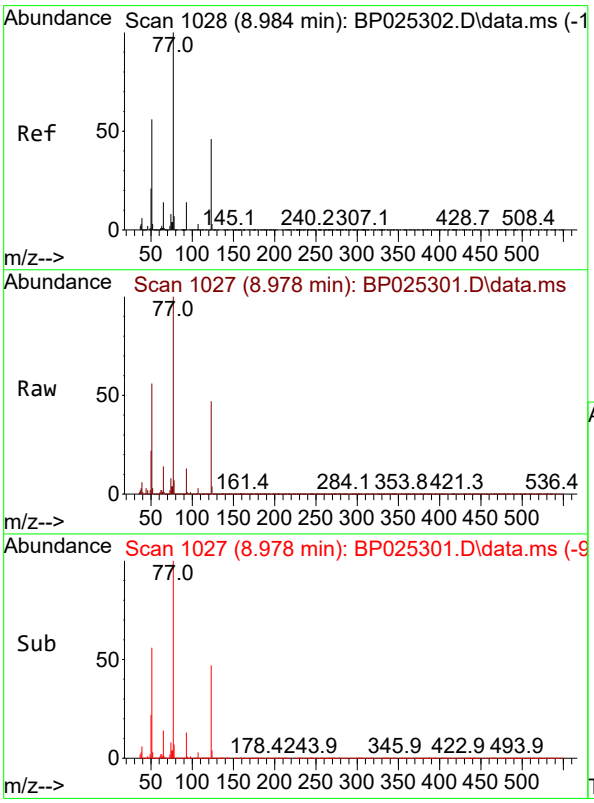
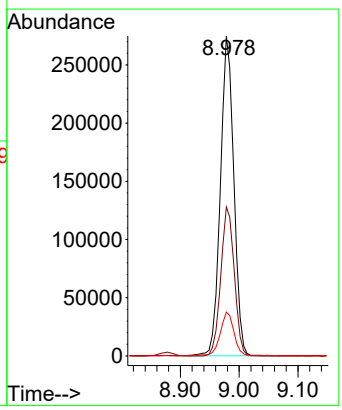
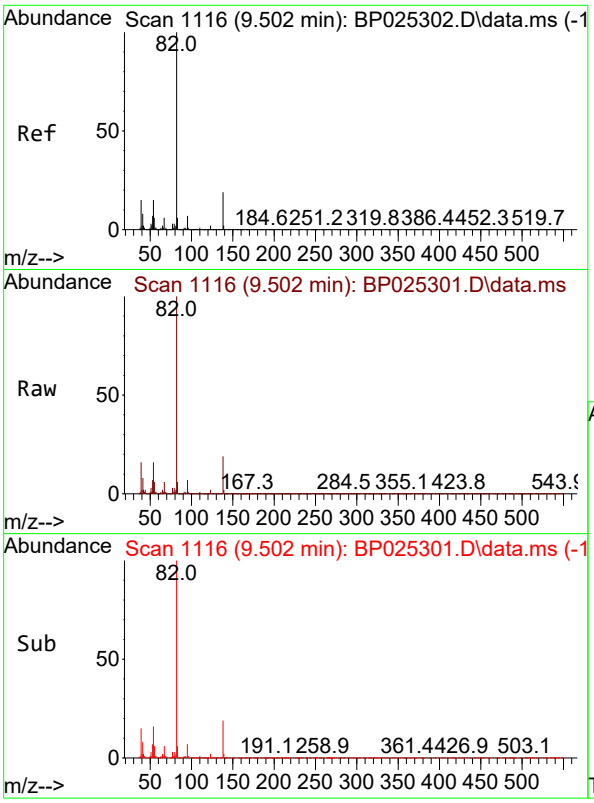


#24
Nitrobenzene
Concen: 20.293 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 77 Resp: 435932

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.4	56.2
65	13.7	11.1	16.7

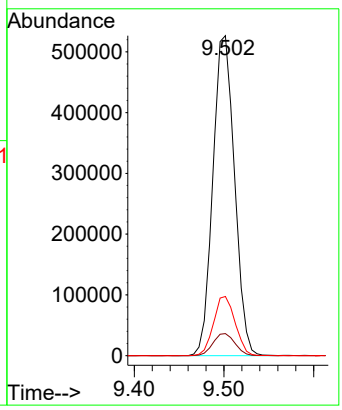




#25
Isophorone
Concen: 19.534 ng
RT: 9.502 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 82 Resp: 88239

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	18.5	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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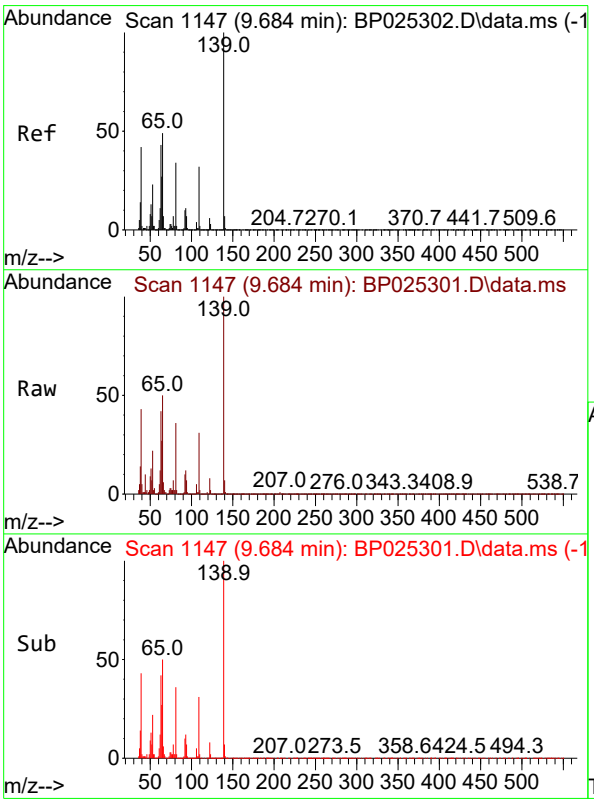
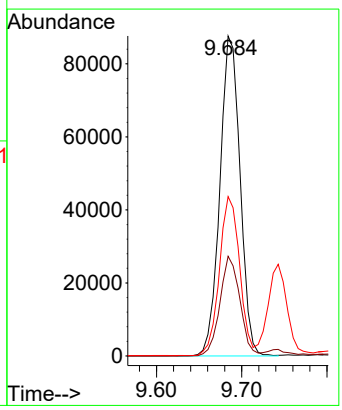
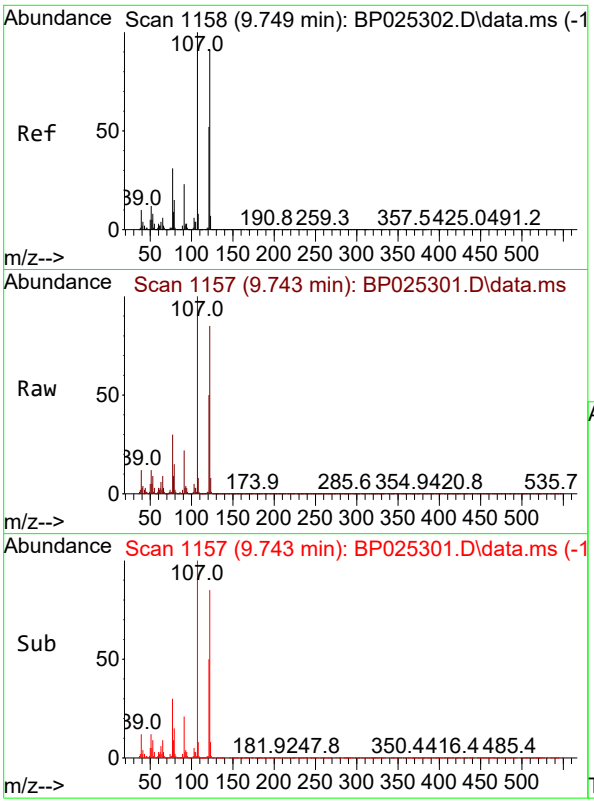


#26
2-Nitrophenol
Concen: 17.898 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:139 Resp: 144380

Ion	Ratio	Lower	Upper
139	100		
109	31.2	25.2	37.8
65	49.8	39.6	59.4

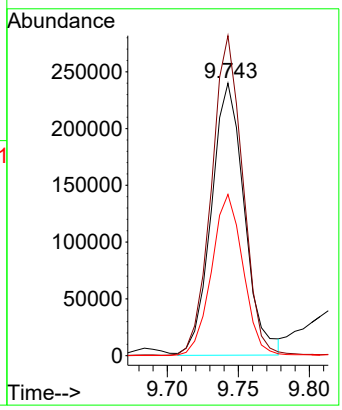




#27
2,4-Dimethylphenol
Concen: 18.591 ng
RT: 9.743 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:122 Resp: 38718

Ion	Ratio	Lower	Upper
122	100		
107	117.4	87.4	131.0
121	59.2	45.8	68.8



Instrument :
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ClientSampleId :
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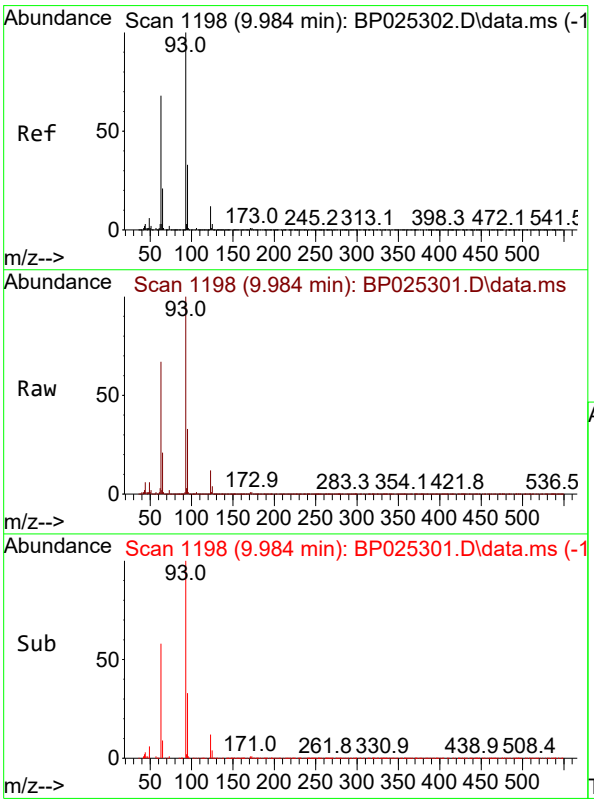
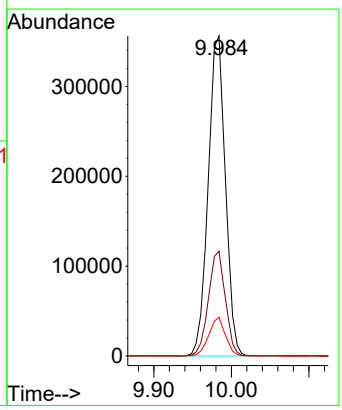
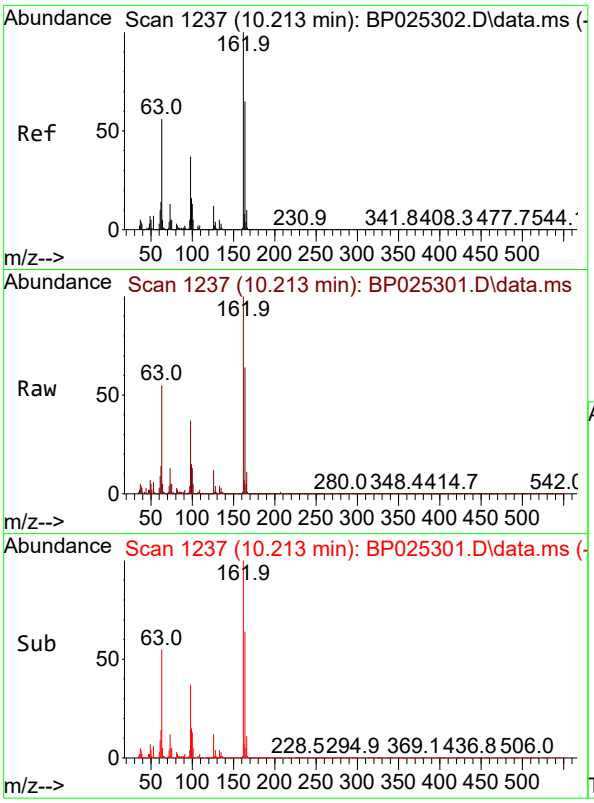


#28
bis(2-Chloroethoxy)methane
Concen: 19.991 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 93 Resp: 549341

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	12.1	9.4	14.2

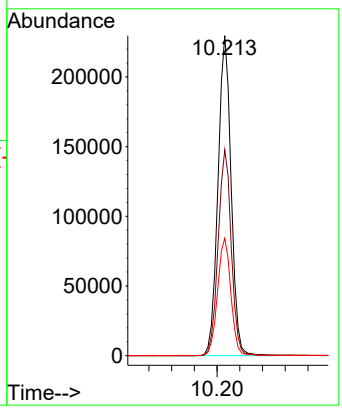




#29
2,4-Dichlorophenol
Concen: 20.210 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:162 Resp: 36849

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.2	85.2
98	36.6	17.5	57.5



Instrument :
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ClientSampleId :
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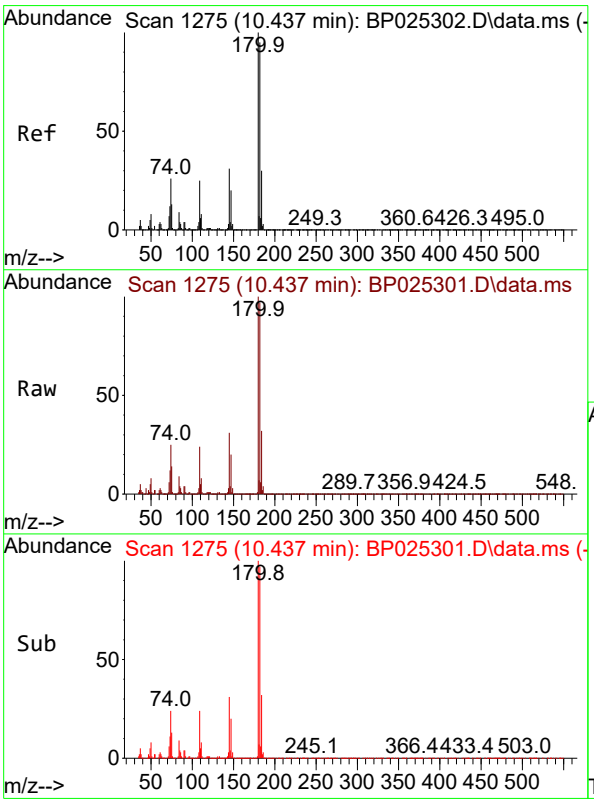
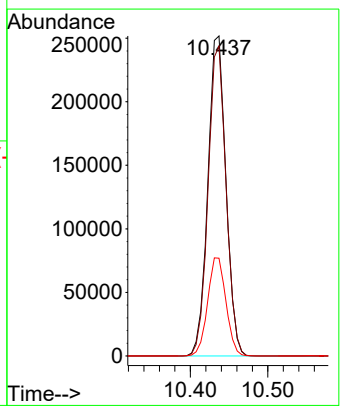
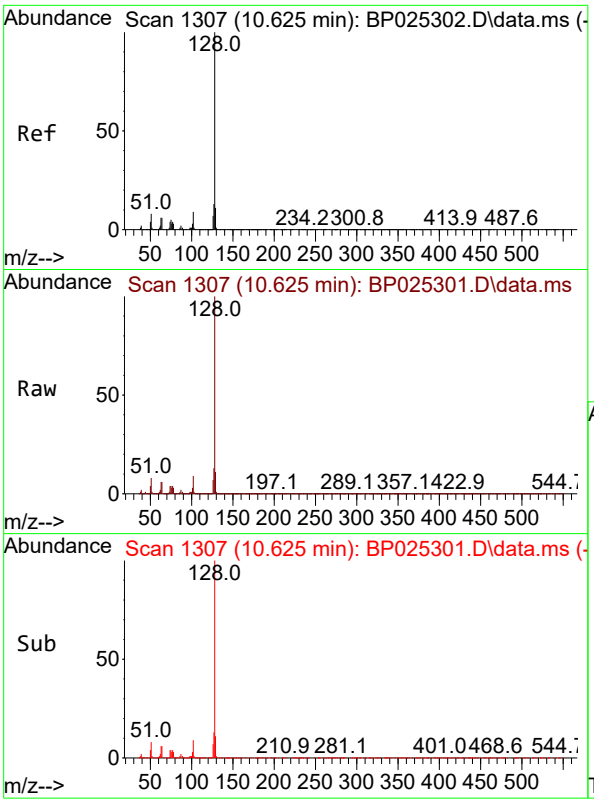


#30
1,2,4-Trichlorobenzene
Concen: 20.272 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:180 Resp: 407796

Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.8
145	30.5	25.0	37.4

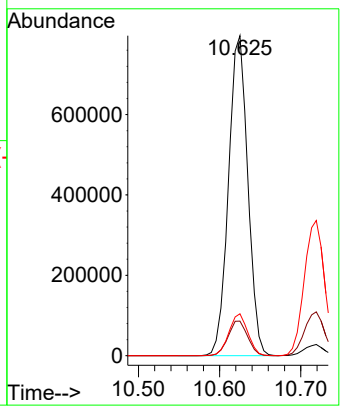




#31
Naphthalene
Concen: 20.119 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:128 Resp: 131311

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.1	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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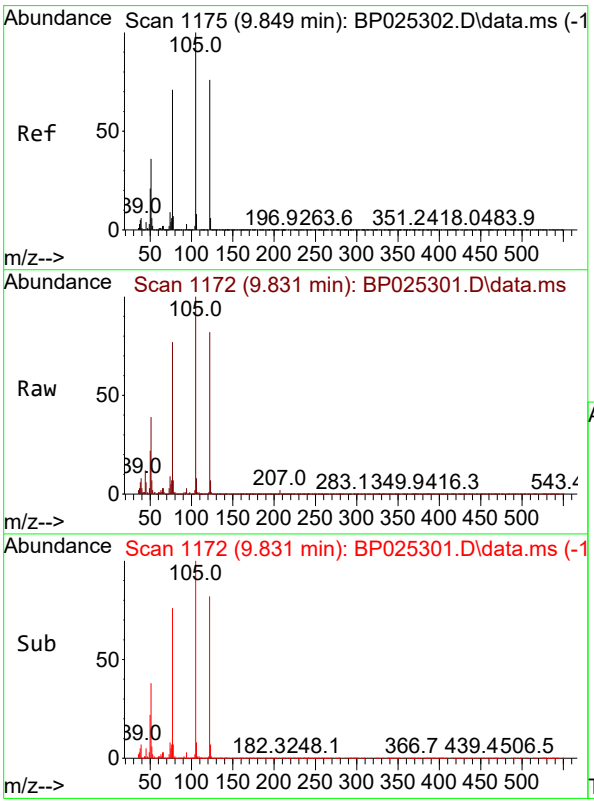
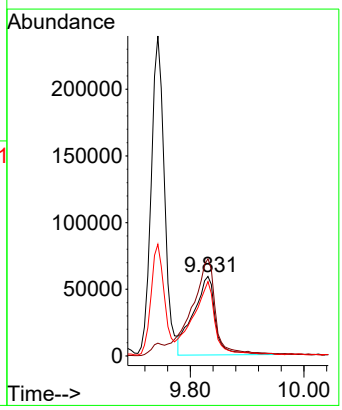
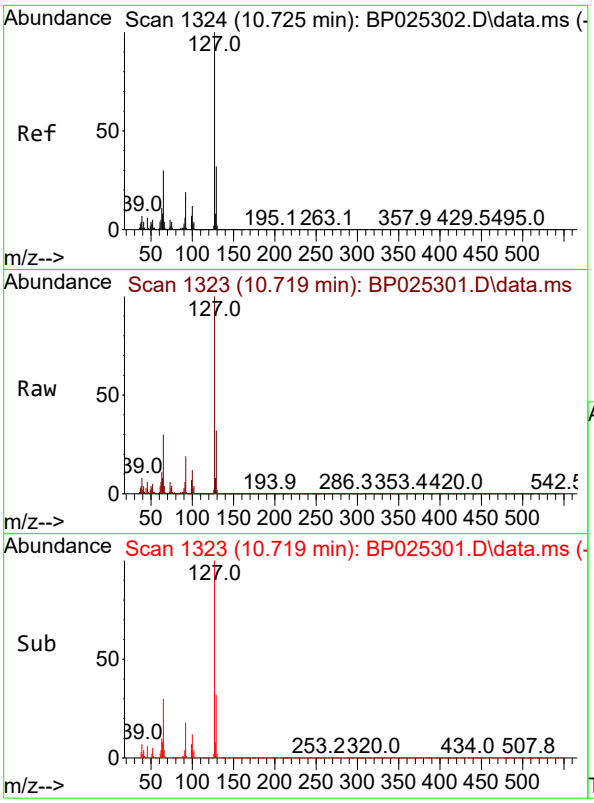


#32
Benzoic acid
Concen: 19.976 ng
RT: 9.831 min Scan# 1172
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:122 Resp: 159597

Ion	Ratio	Lower	Upper
122	100		
105	122.2	104.0	144.0
77	93.5	71.8	111.8

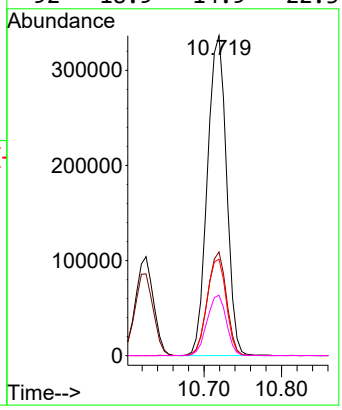




#33
4-Chloroaniline
Concen: 19.913 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:127 Resp: 57803

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	30.2	23.6	35.4
92	18.9	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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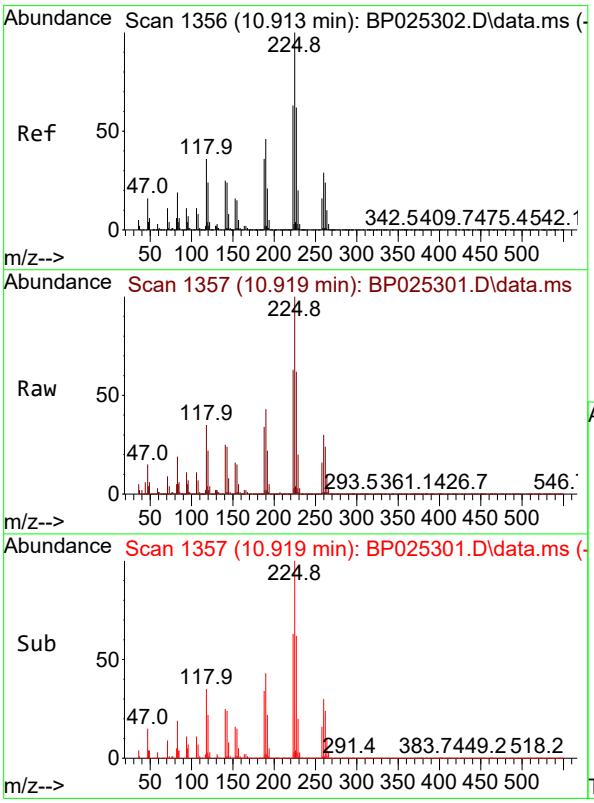
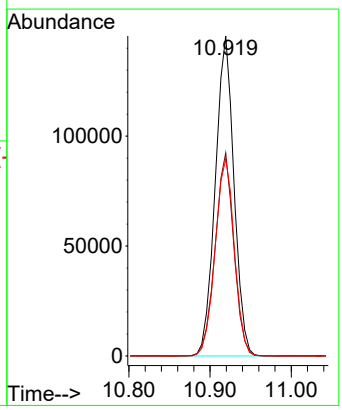
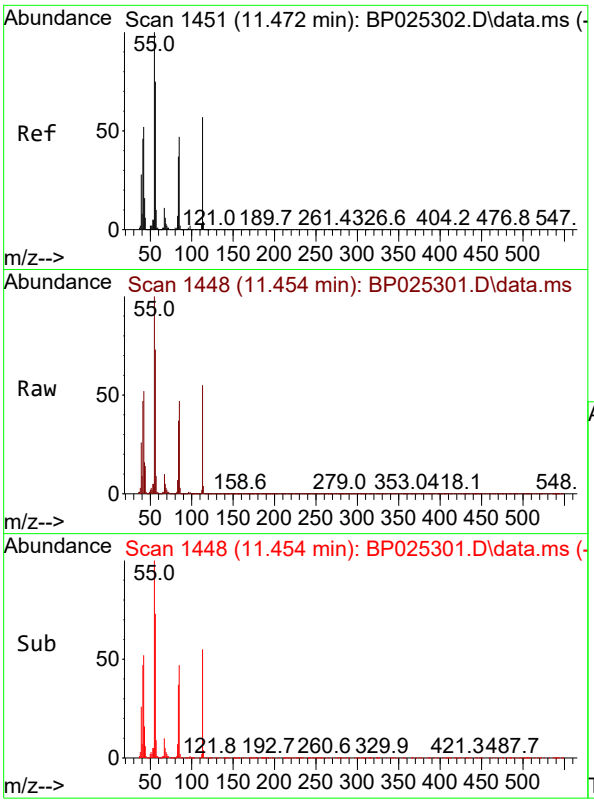


#34
Hexachlorobutadiene
Concen: 20.177 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:225 Resp: 232981

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	61.5	49.7	74.5

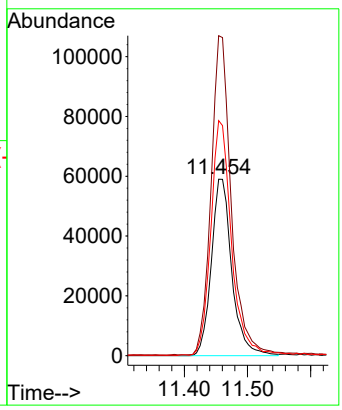




#35
Caprolactam
Concen: 18.704 ng
RT: 11.454 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:113 Resp: 13259

Ion	Ratio	Lower	Upper
113	100		
55	181.3	154.4	194.4
56	133.2	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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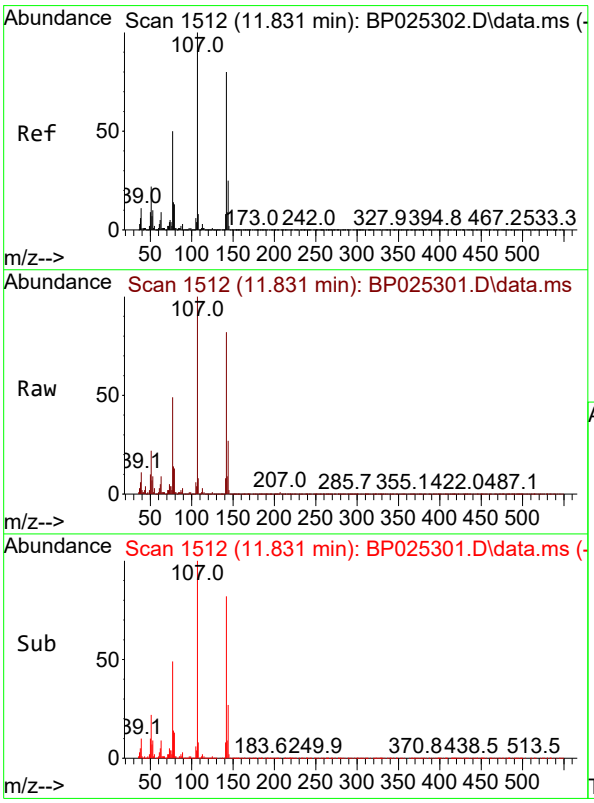
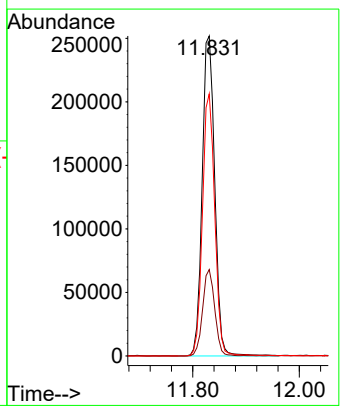
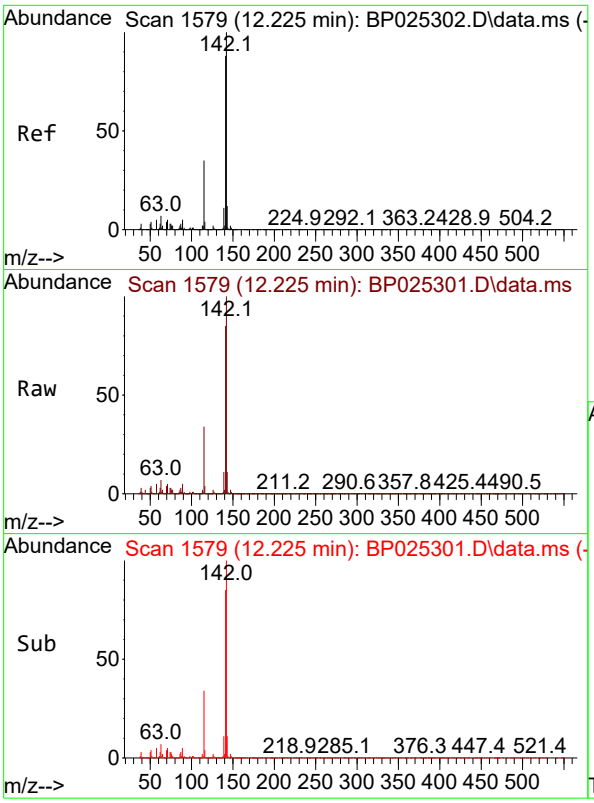


#36
4-Chloro-3-methylphenol
Concen: 19.468 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:107 Resp: 410728

Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.4	30.6
142	81.9	63.7	95.5

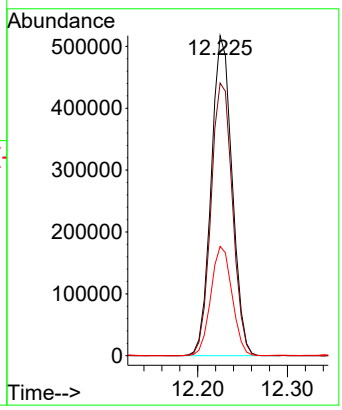




#37
2-Methylnaphthalene
Concen: 19.794 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:142 Resp: 83618

Ion	Ratio	Lower	Upper
142	100		
141	85.2	70.4	105.6
115	34.2	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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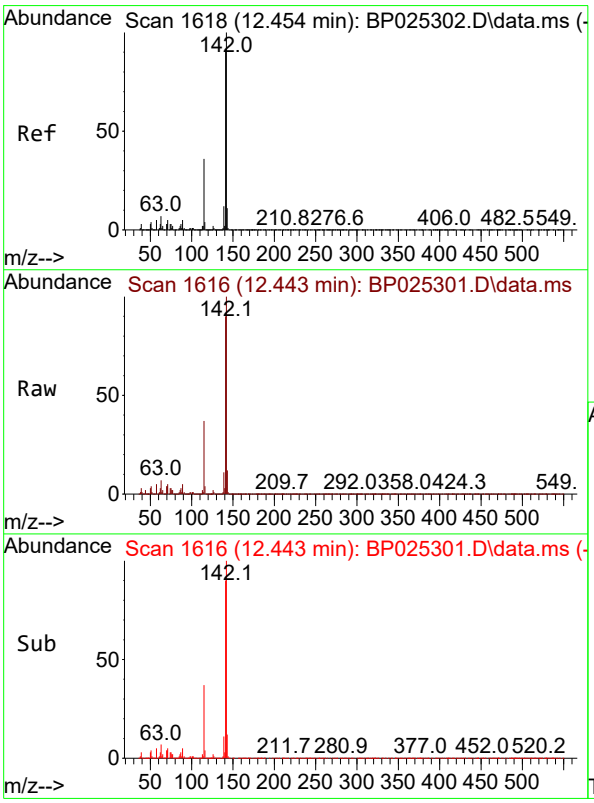
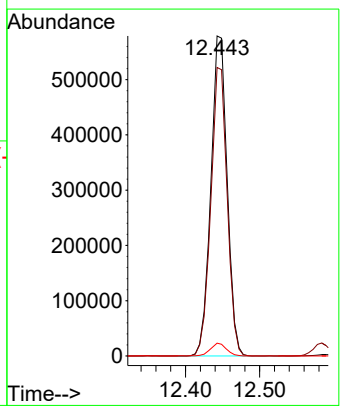
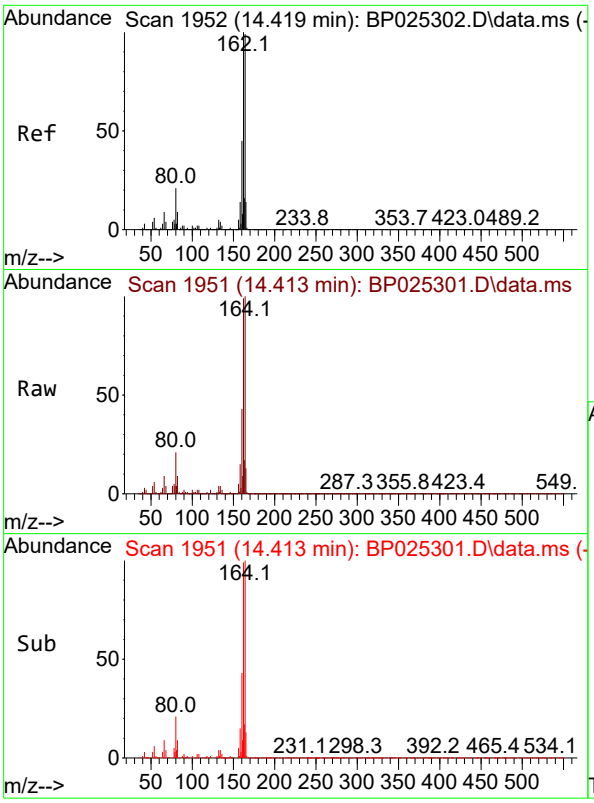


#38
1-Methylnaphthalene
Concen: 20.058 ng
RT: 12.443 min Scan# 1616
Delta R.T. -0.011 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:142 Resp: 884130

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.6
116	4.0	3.0	4.6

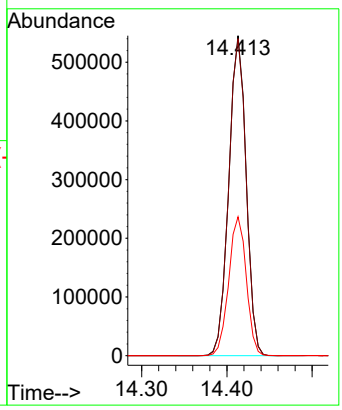




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:164 Resp: 77274

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	120.8
160	43.4	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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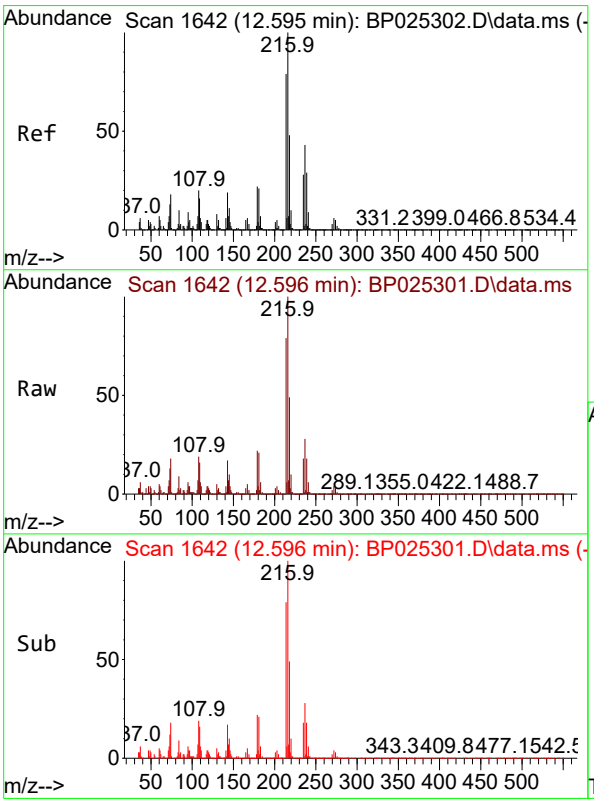
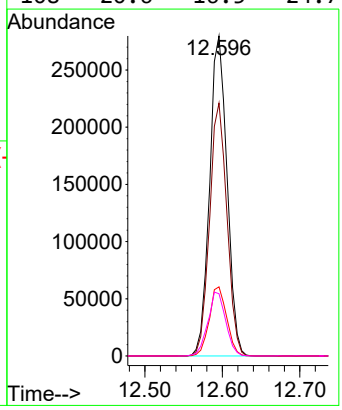
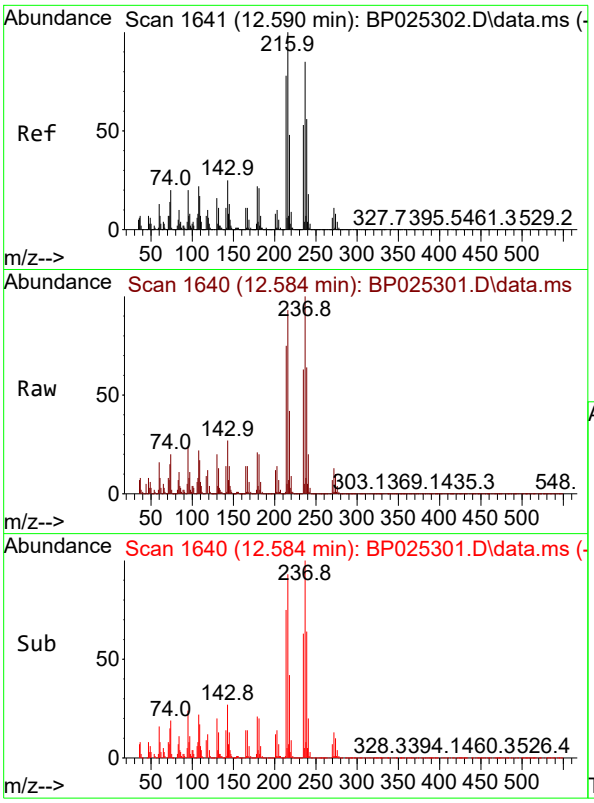


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.666 ng
RT: 12.596 min Scan# 1642
Delta R.T. 0.001 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:216 Resp: 435991

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.4	93.6
179	21.7	17.5	26.3
108	20.6	16.5	24.7





#41
Hexachlorocyclopentadiene
Concen: 19.234 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:237 Resp: 25044

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.2	82.2
272	13.2	0.0	32.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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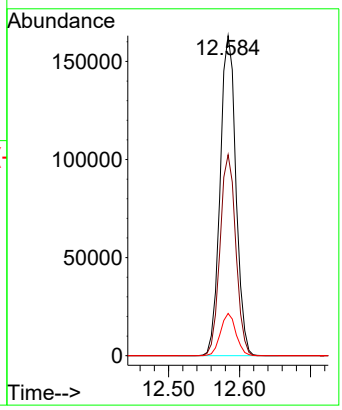
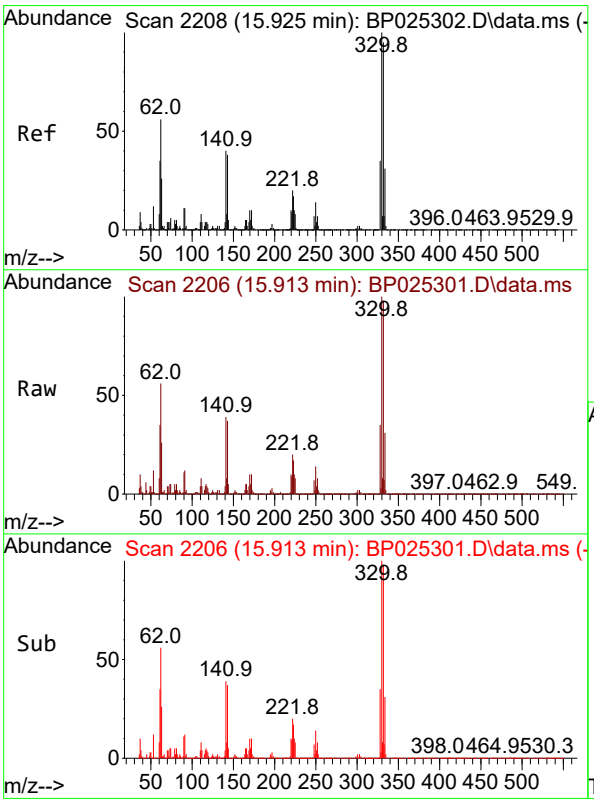
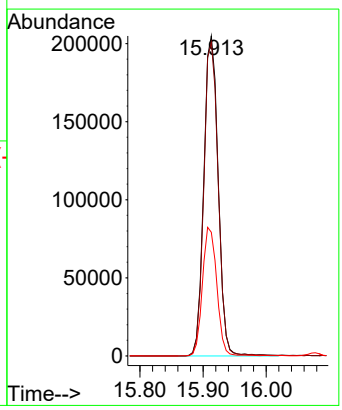


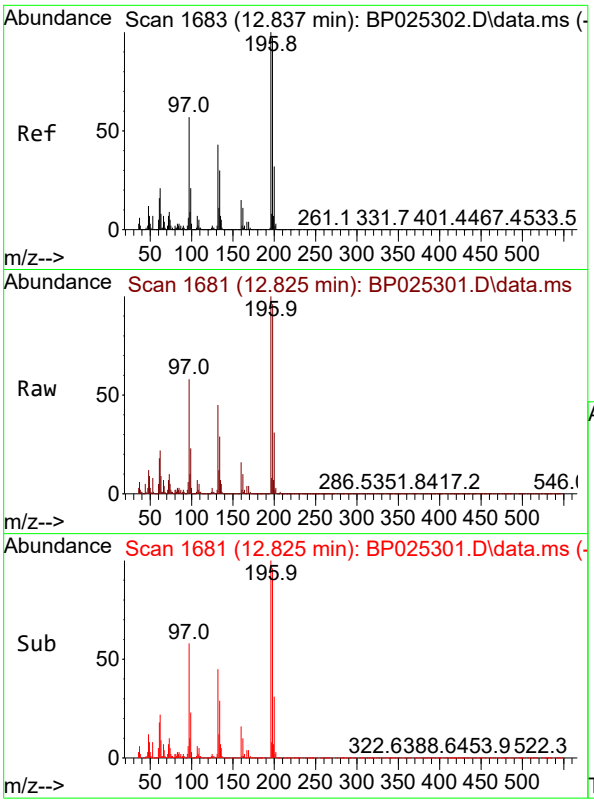


#42
2,4,6-Tribromophenol
Concen: 40.747 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:330 Resp: 325099

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.0
141	40.2	31.7	47.5

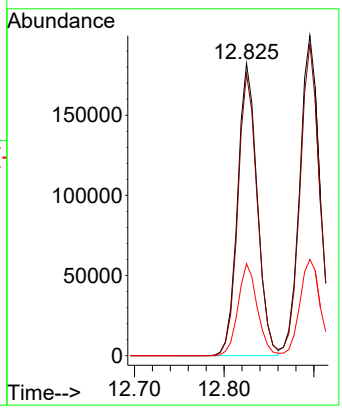




#43
2,4,6-Trichlorophenol
Concen: 20.330 ng
RT: 12.825 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:196 Resp: 27707

Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.3	115.9
200	31.5	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
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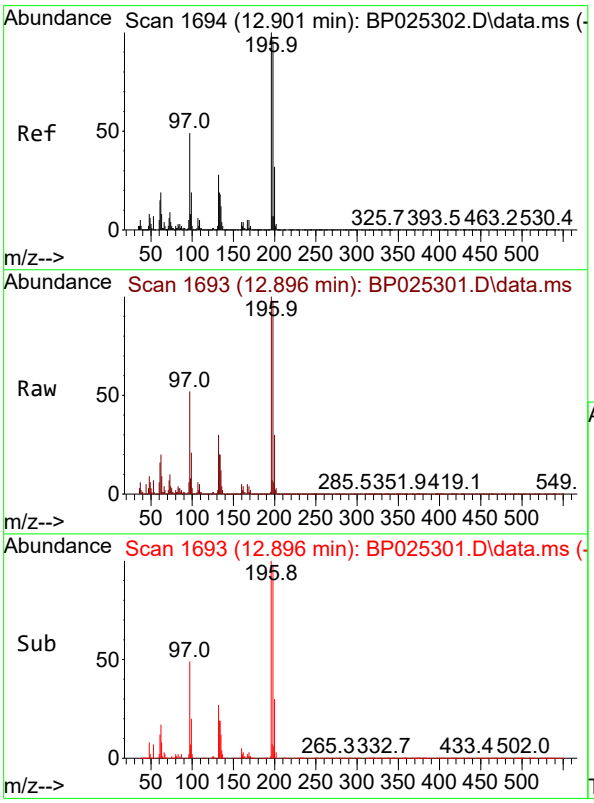
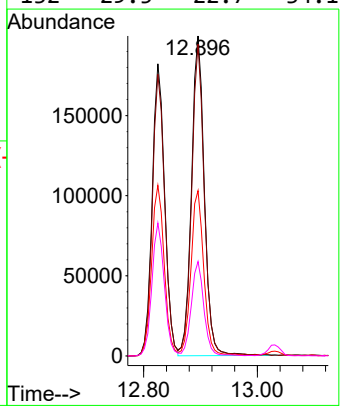
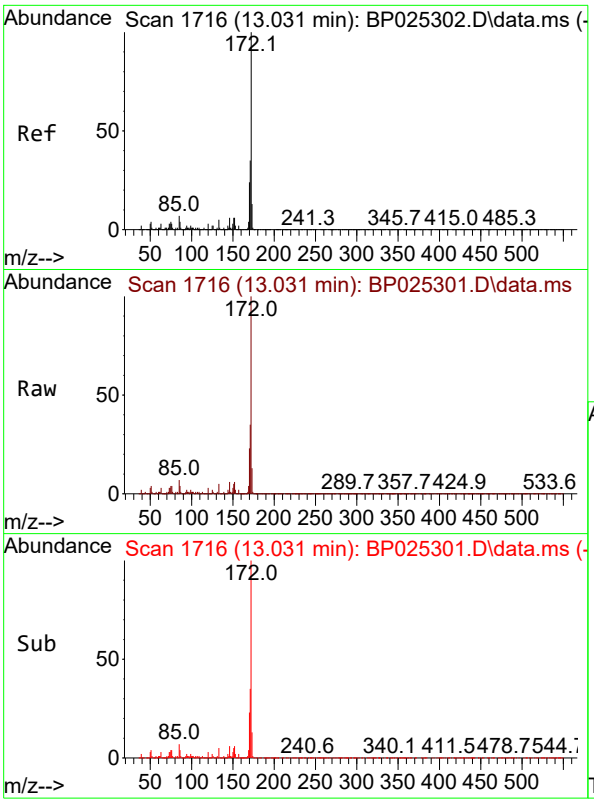


#44
2,4,5-Trichlorophenol
Concen: 20.622 ng
RT: 12.896 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:196 Resp: 315277

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	114.8
97	51.7	39.5	59.3
132	29.5	22.7	34.1

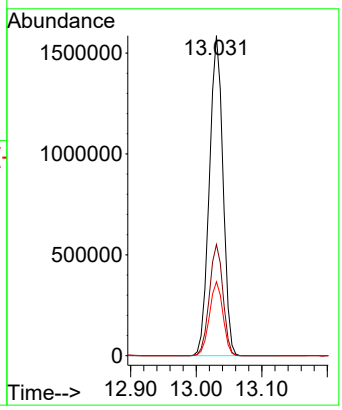




#45
2-Fluorobiphenyl
Concen: 41.076 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:172 Resp: 228583

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.1	18.9	28.3



Instrument :
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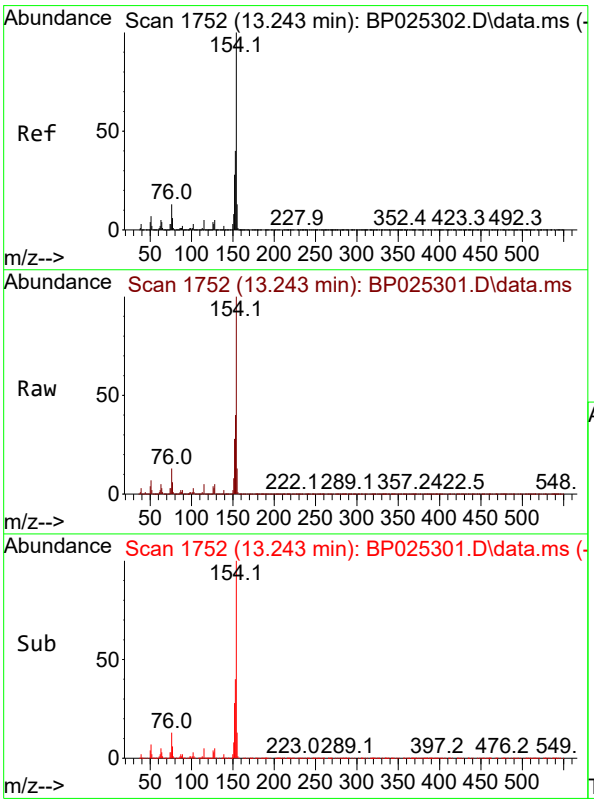
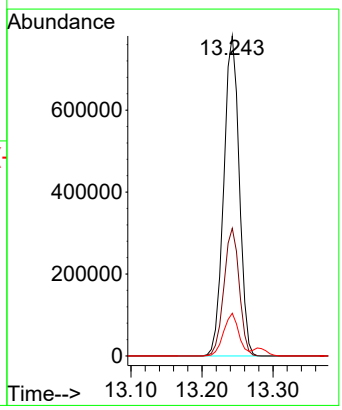
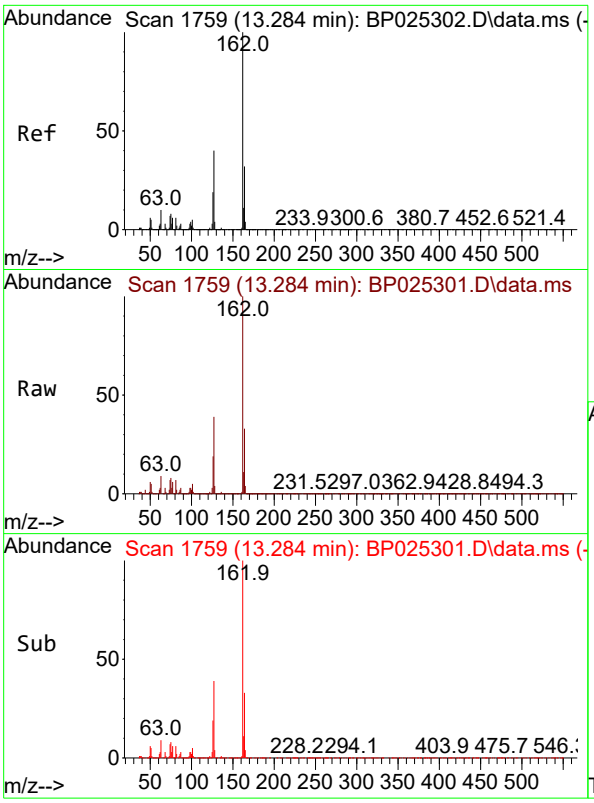


#46
1,1'-Biphenyl
Concen: 20.684 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:154 Resp: 1177906

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	13.3	0.0	33.2

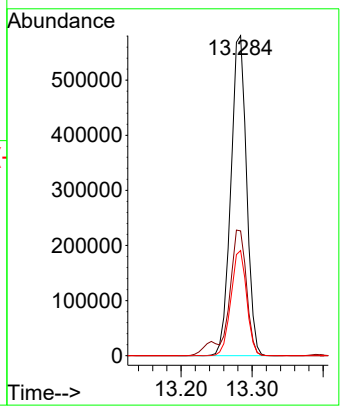




#47
2-Chloronaphthalene
Concen: 20.570 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:162 Resp: 89370

Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.2	48.2
164	32.8	25.9	38.9



Instrument :
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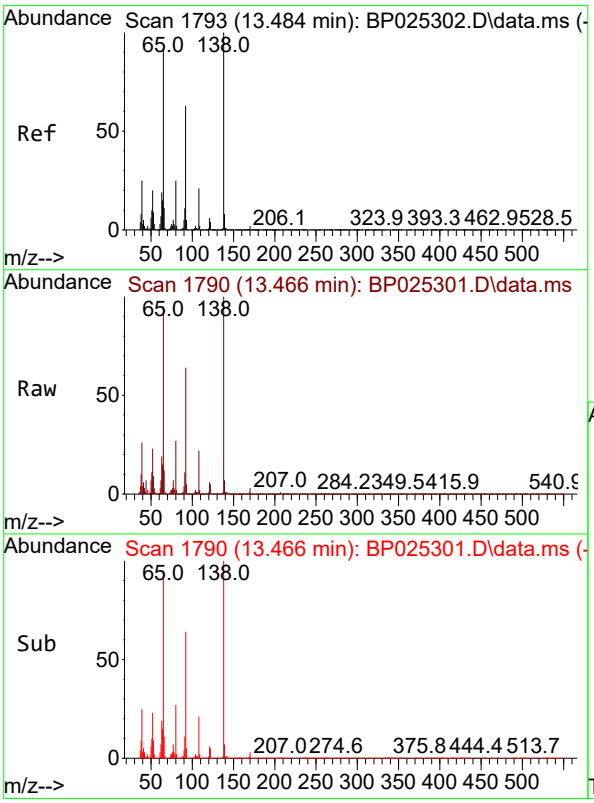
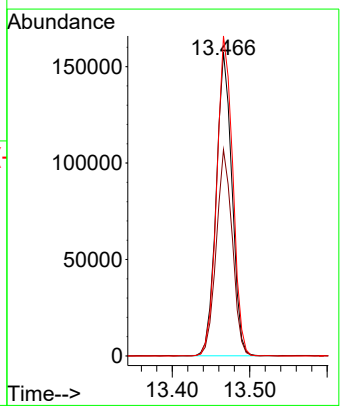
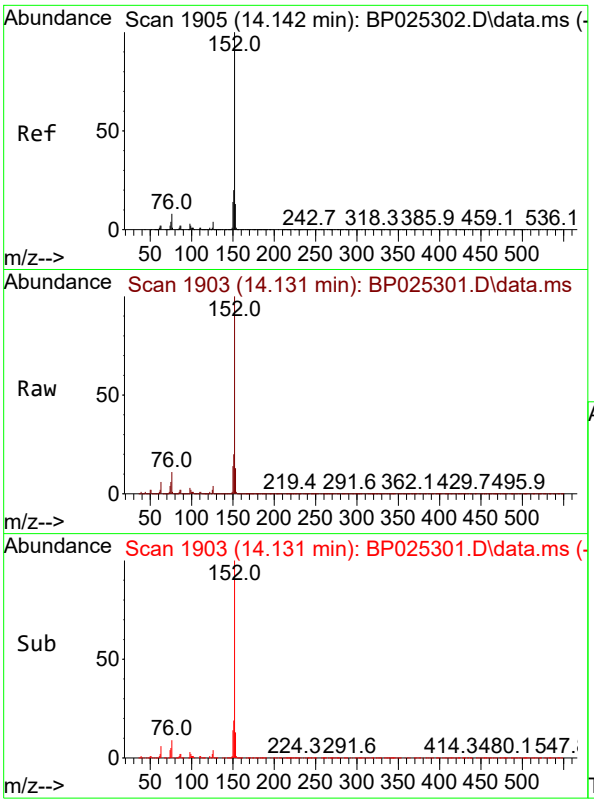


#48
2-Nitroaniline
Concen: 19.318 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 65 Resp: 221835

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.4	81.6
138	105.4	87.0	130.4

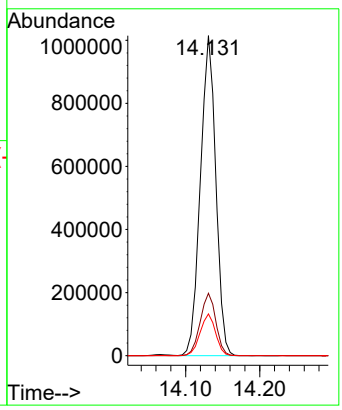




#49
Acenaphthylene
Concen: 20.274 ng
RT: 14.131 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:152 Resp: 146927

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.0	10.4	15.6



Instrument :
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ClientSampleId :
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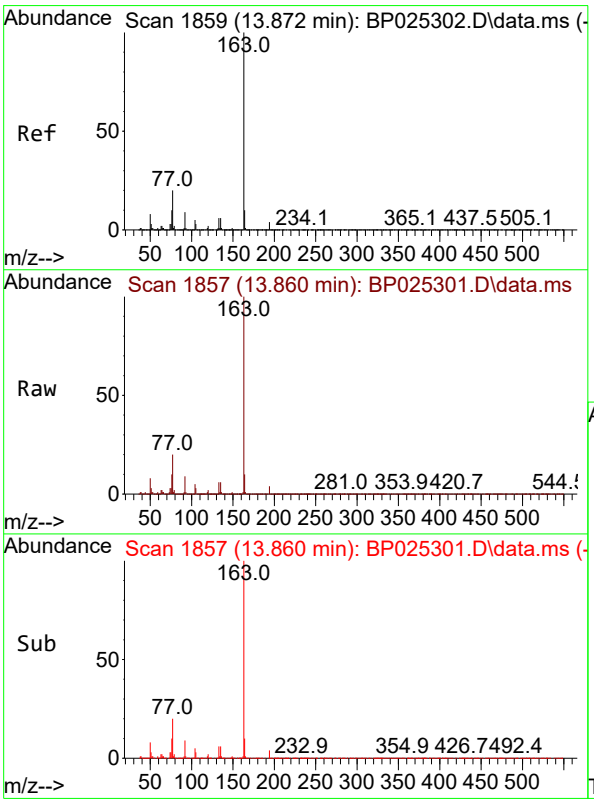
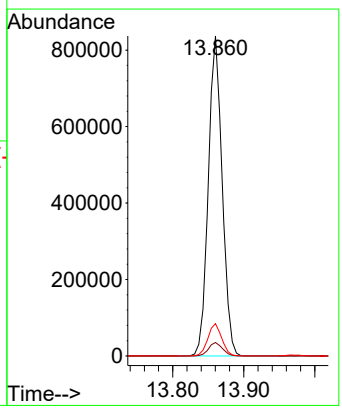
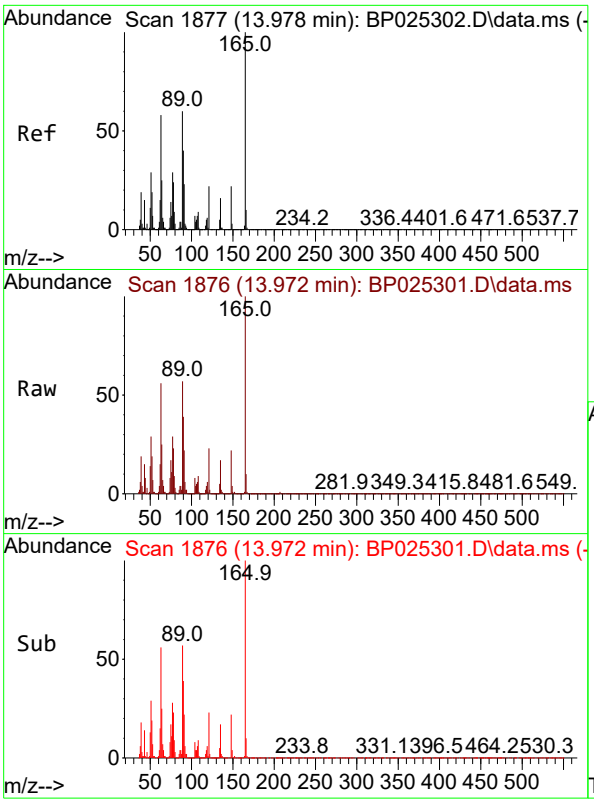


#50
Dimethylphthalate
Concen: 20.169 ng
RT: 13.860 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:163 Resp: 1136145

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 20.669 ng
RT: 13.972 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:165 Resp: 21476

Ion	Ratio	Lower	Upper
165	100		
63	56.1	47.6	71.4
89	57.1	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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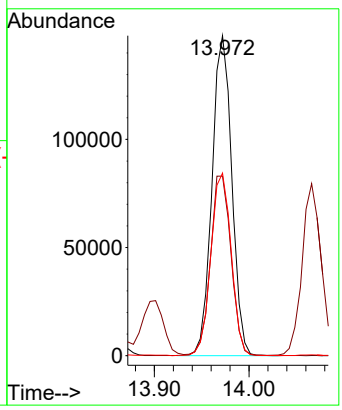
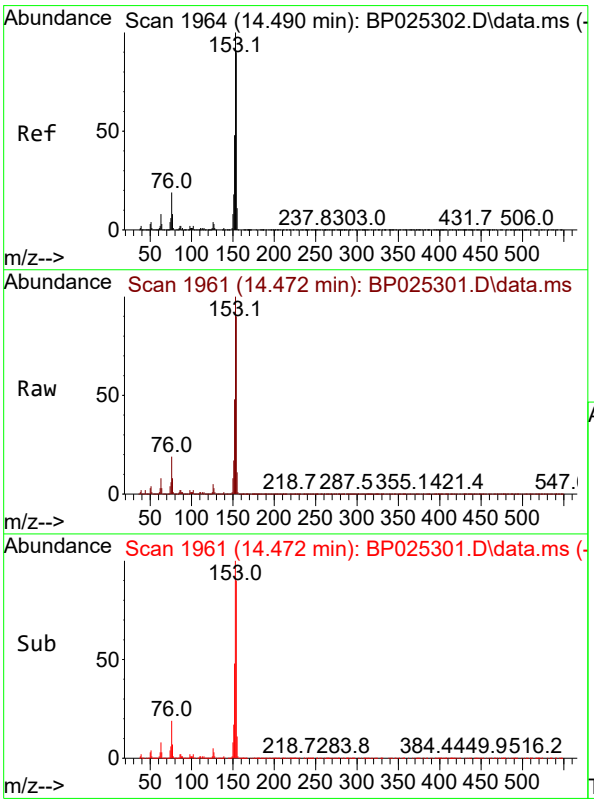
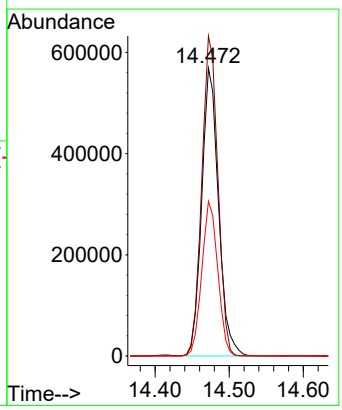


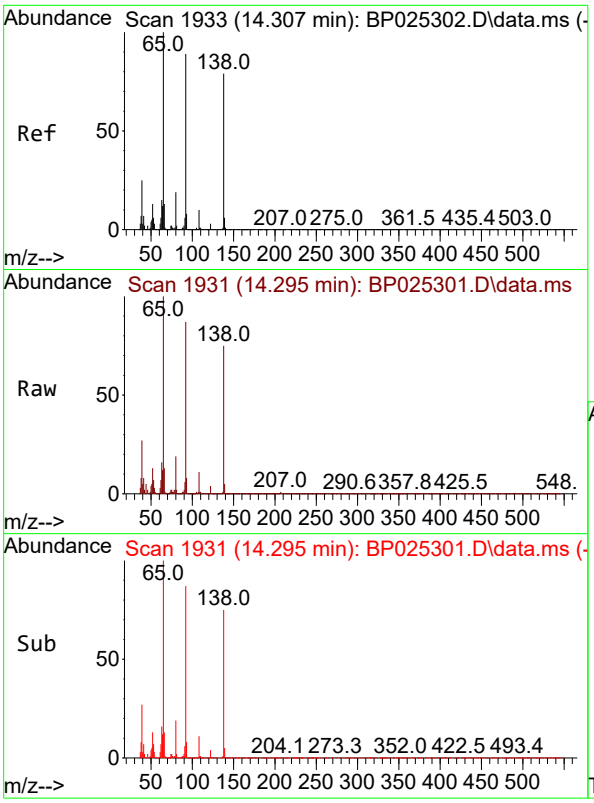


#52
Acenaphthene
Concen: 20.209 ng
RT: 14.472 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:154 Resp: 893336

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.4	134.0
152	53.8	43.0	64.6





#53
3-Nitroaniline
Concen: 20.146 ng
RT: 14.295 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:138 Resp: 24494

Ion	Ratio	Lower	Upper
138	100		
108	14.5	10.5	15.7
92	117.0	90.9	136.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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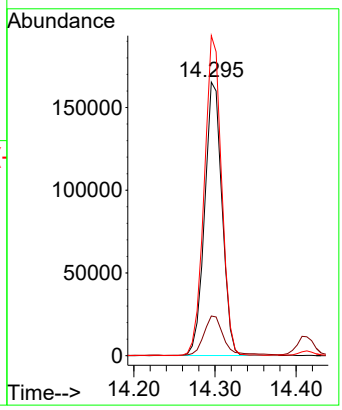
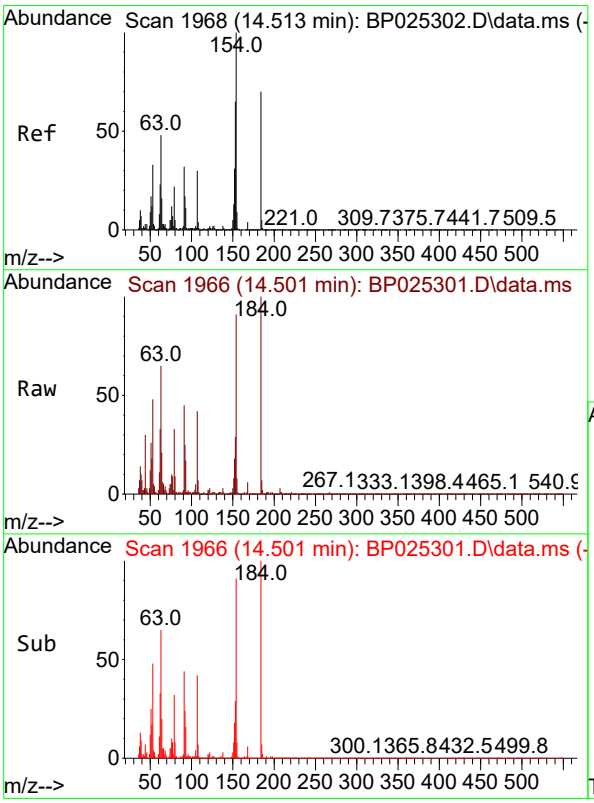
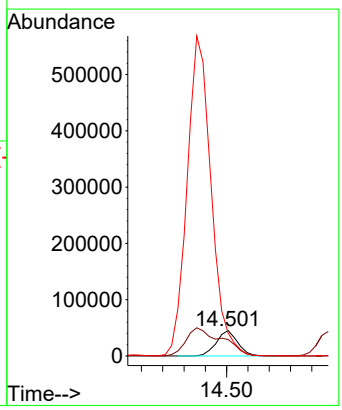


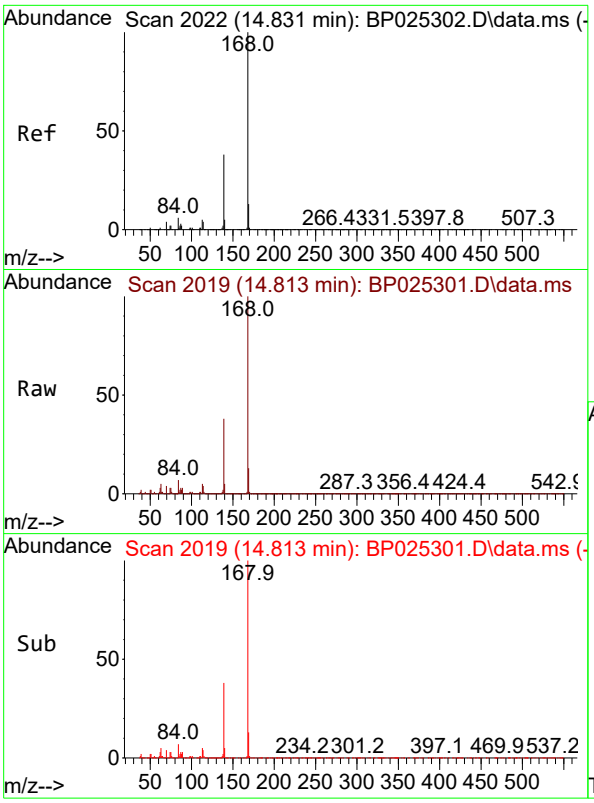


#54
2,4-Dinitrophenol
Concen: 20.728 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:184 Resp: 62185

Ion	Ratio	Lower	Upper
184	100		
63	65.0	56.3	84.5
154	91.0	124.5	186.7#

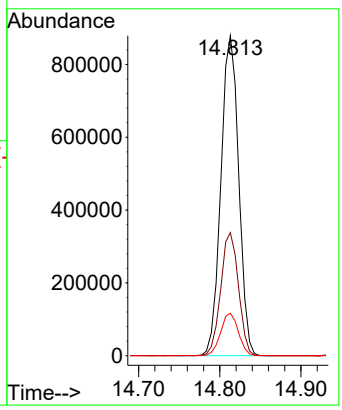




#55
Dibenzofuran
Concen: 20.295 ng
RT: 14.813 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:168 Resp: 134067

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.5	45.7
169	13.3	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
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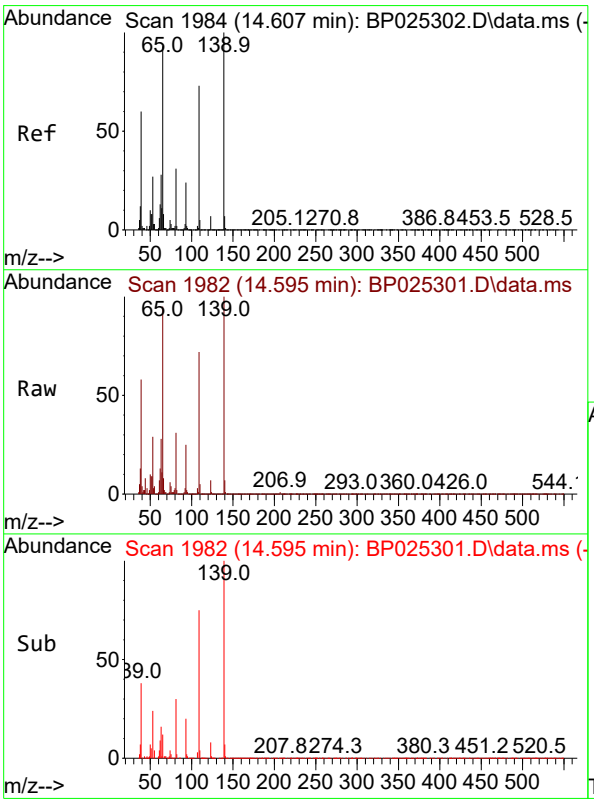
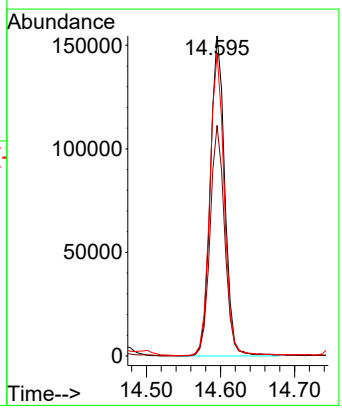
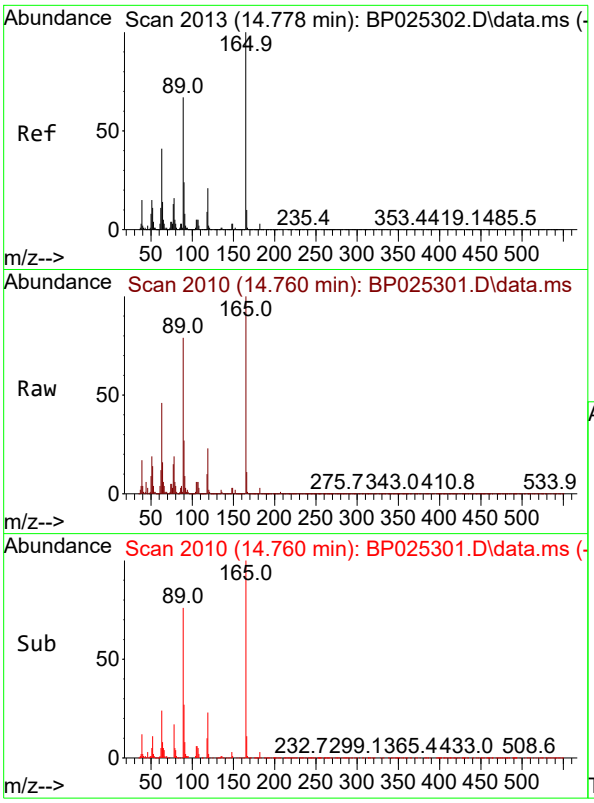


#56
4-Nitrophenol
Concen: 19.428 ng
RT: 14.595 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:139 Resp: 208471

Ion	Ratio	Lower	Upper
139	100		
109	72.0	52.7	92.7
65	94.6	73.4	113.4

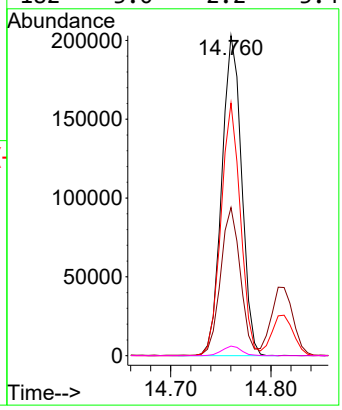




#57
2,4-Dinitrotoluene
Concen: 19.379 ng
RT: 14.760 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:165 Resp: 27860

Ion	Ratio	Lower	Upper
165	100		
63	46.3	33.2	49.8
89	78.9	53.5	80.3
182	3.0	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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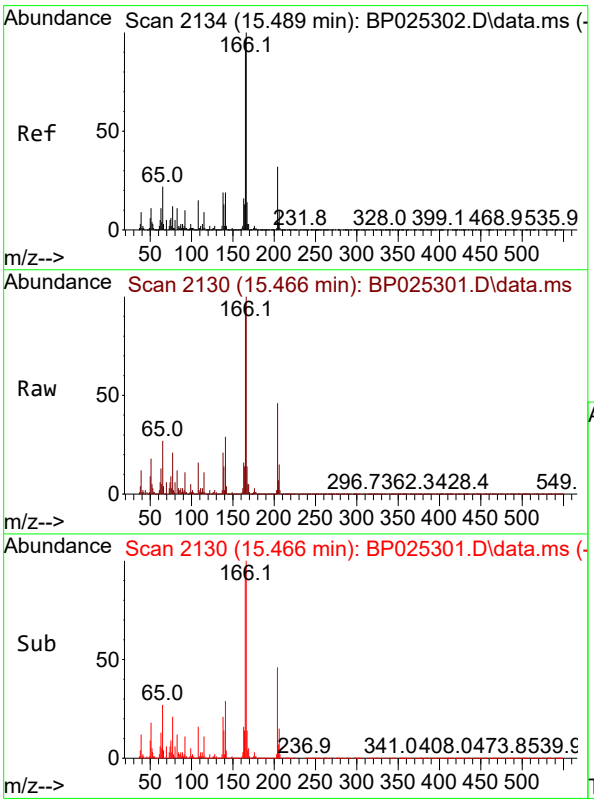
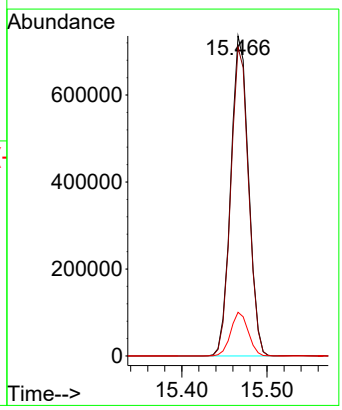
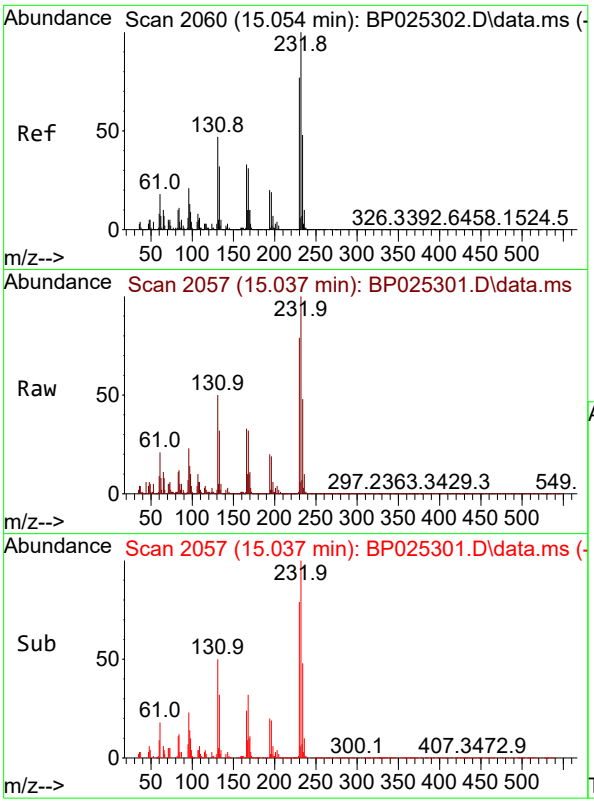


#58
Fluorene
Concen: 20.540 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.023 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:166 Resp: 1065702

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.7	115.1
167	13.7	10.9	16.3

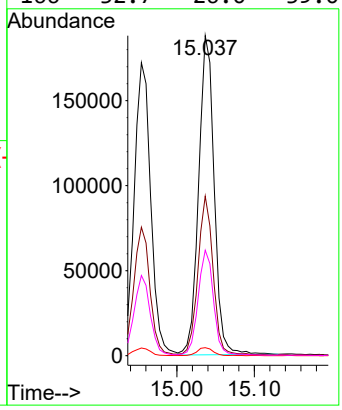




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.379 ng
RT: 15.037 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:232 Resp: 26179

Ion	Ratio	Lower	Upper
232	100		
131	48.2	39.3	58.9
130	2.6	2.2	3.2
166	32.7	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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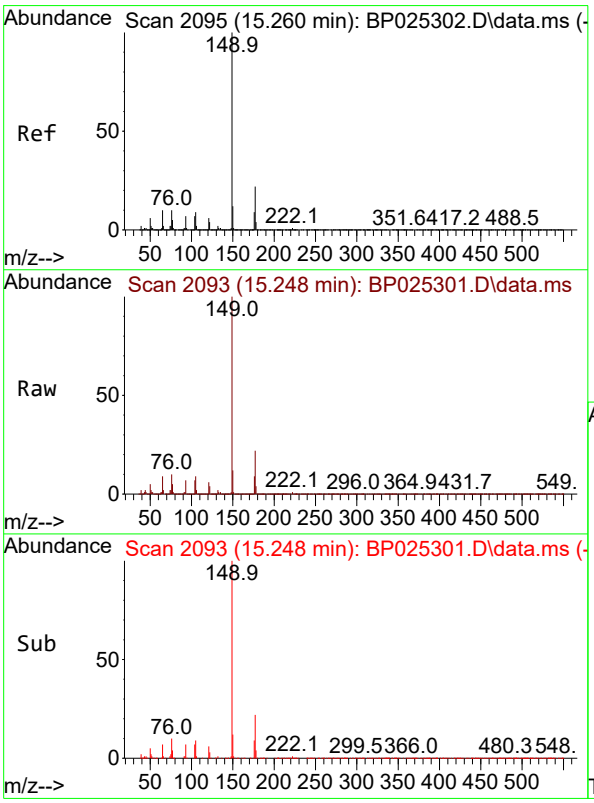
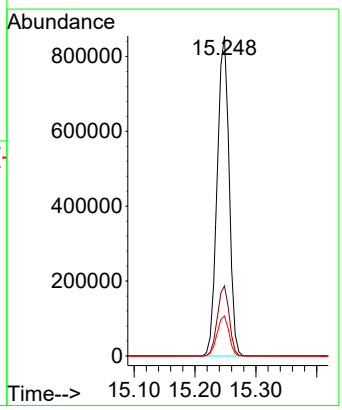
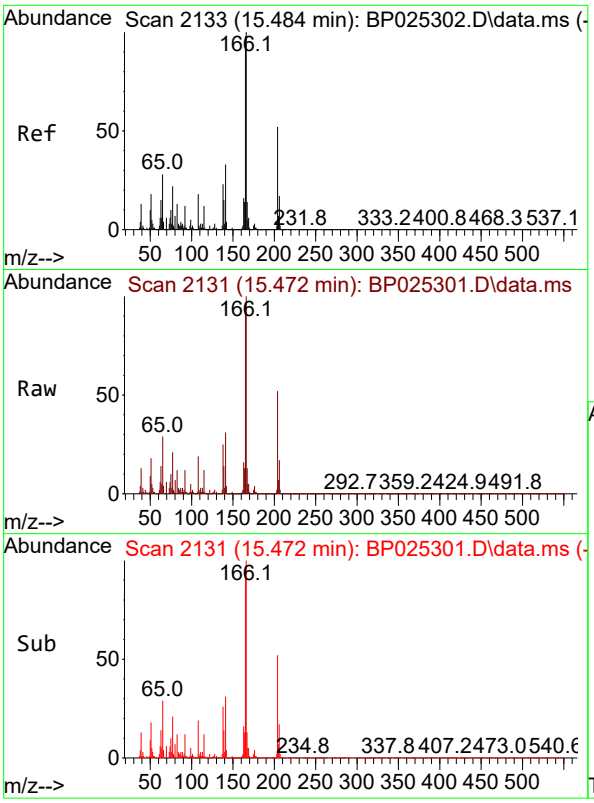


#60
Diethylphthalate
Concen: 20.380 ng
RT: 15.248 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:149 Resp: 1157469

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.5	9.8	14.8

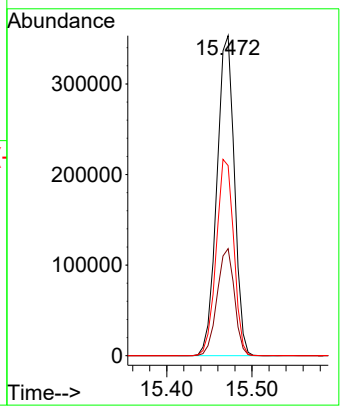




#61
4-Chlorophenyl-phenylether
Concen: 20.445 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:204 Resp: 50287

Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.0	40.4
141	59.4	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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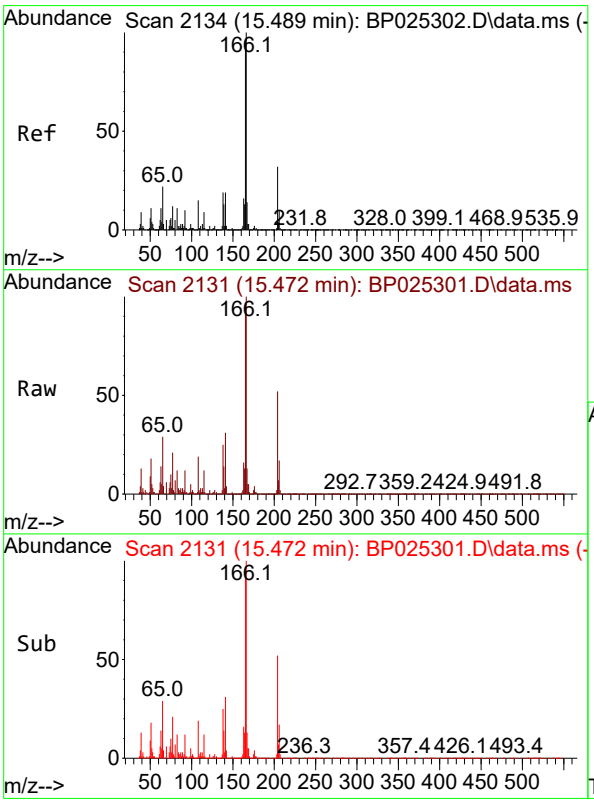
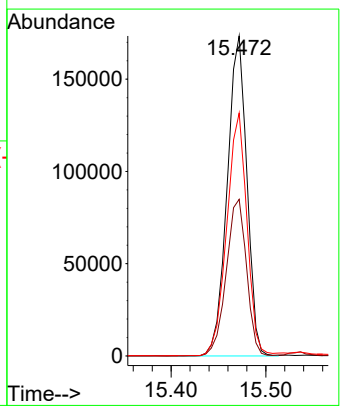
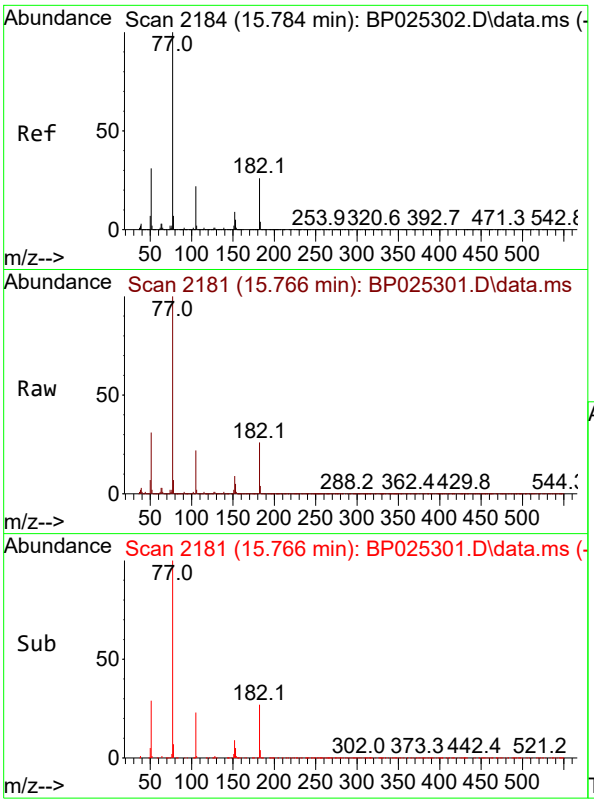


#62
4-Nitroaniline
Concen: 20.775 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:138 Resp: 250280

Ion	Ratio	Lower	Upper
138	100		
92	48.9	29.8	69.8
108	75.9	56.6	96.6

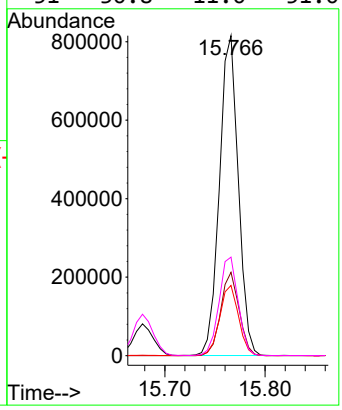




#63
Azobenzene
Concen: 20.145 ng
RT: 15.766 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion: 77 Resp: 106286

Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.0	46.0
105	22.0	2.1	42.1
51	30.8	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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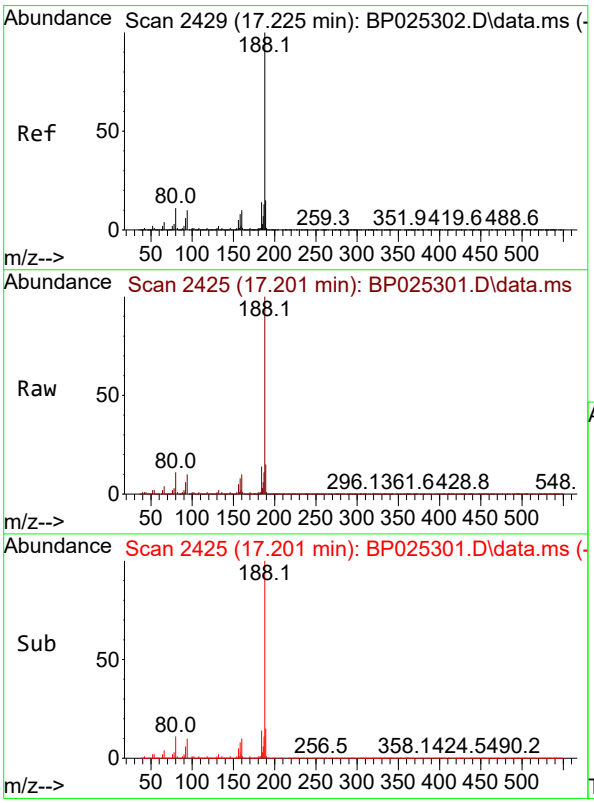
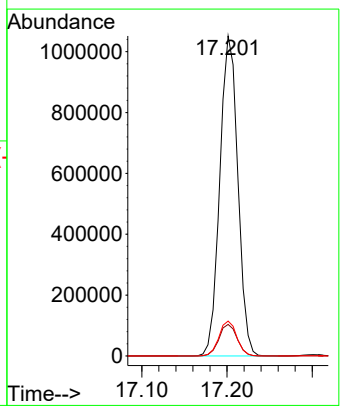
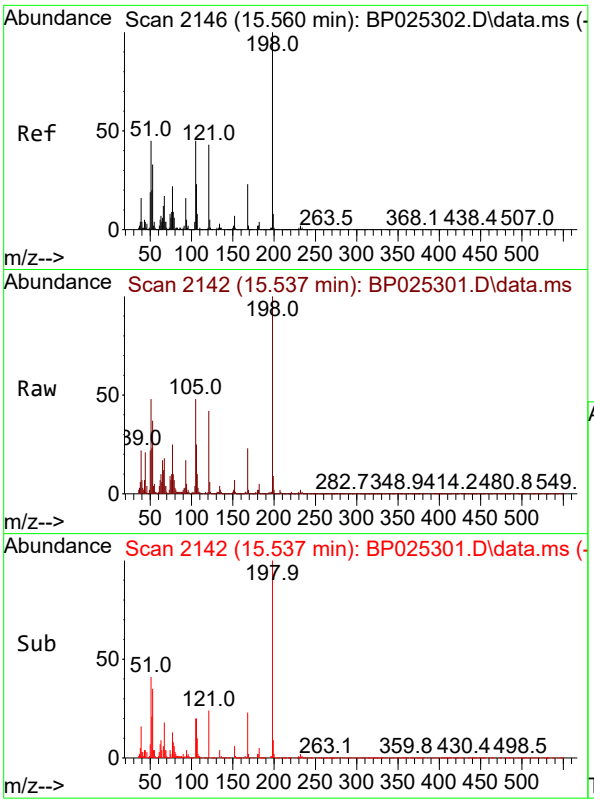


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.024 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:188 Resp: 1545091

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.9	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 20.007 ng
RT: 15.537 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 9682

Ion	Ratio	Lower	Upper
198	100		
51	47.7	26.7	66.7
105	48.2	25.6	65.6

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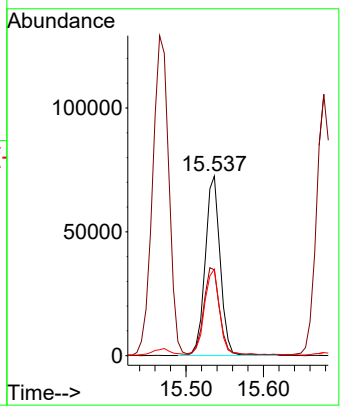
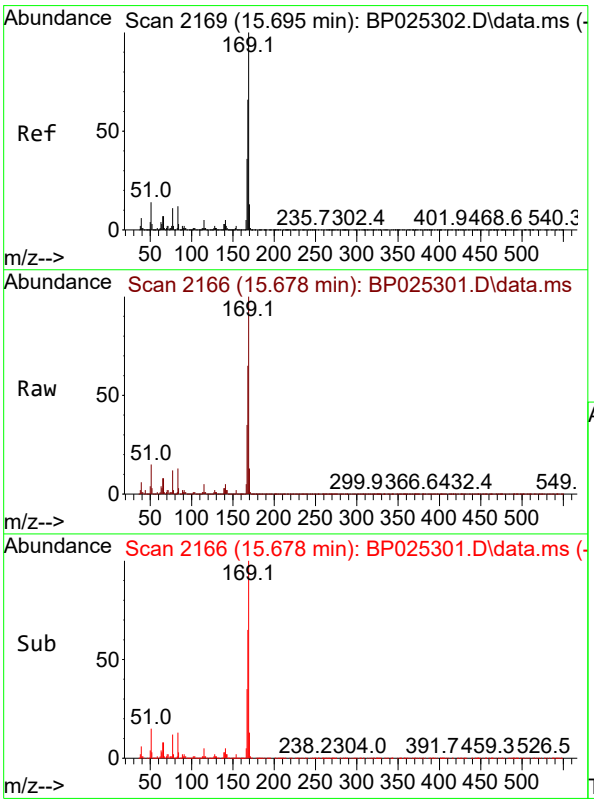
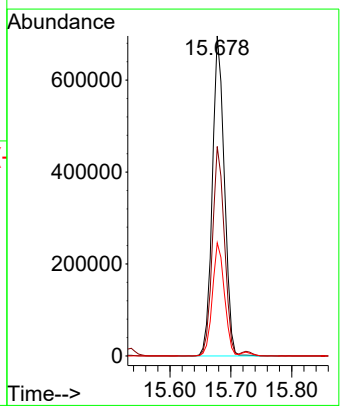


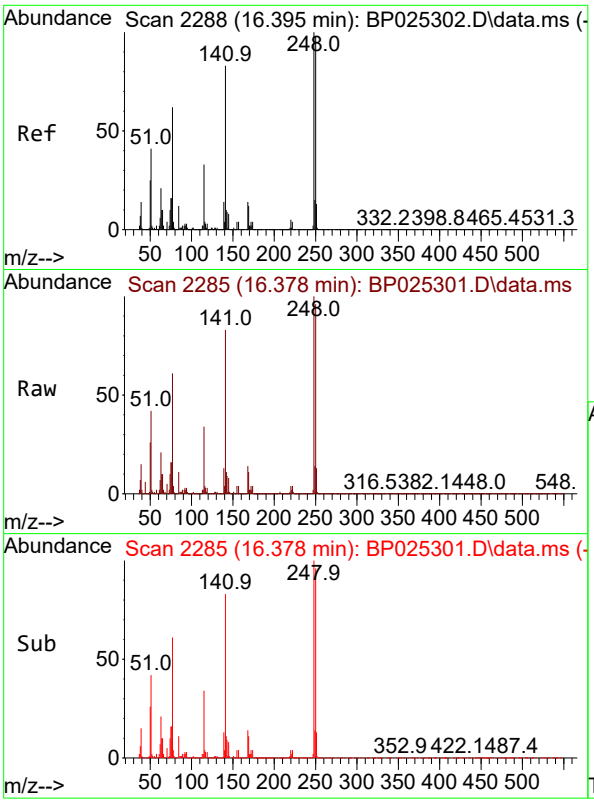


#66
n-Nitrosodiphenylamine
Concen: 20.292 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:169 Resp: 954626

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.8	79.2
167	35.4	28.5	42.7

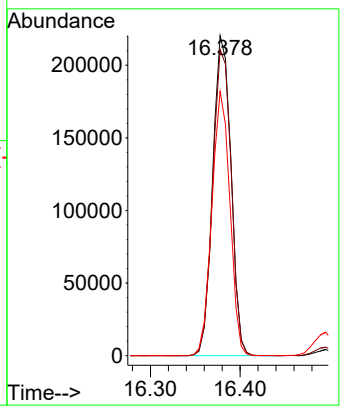




#67
4-Bromophenyl-phenylether
Concen: 20.033 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:248 Resp: 31144

Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.6	117.8
141	82.6	66.6	99.8



Instrument :
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ClientSampleId :
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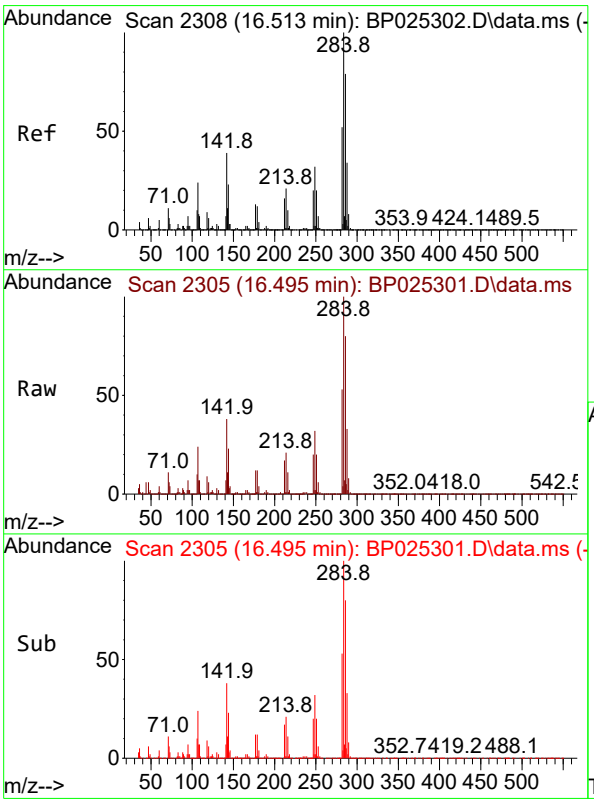
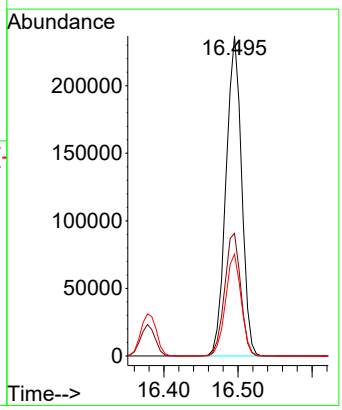
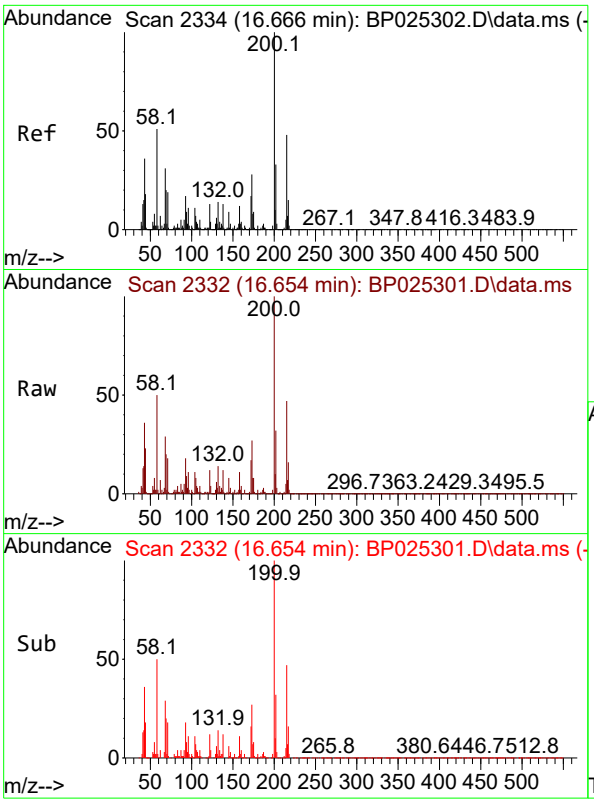


#68
Hexachlorobenzene
Concen: 19.800 ng
RT: 16.495 min Scan# 2305
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:284 Resp: 345386

Ion	Ratio	Lower	Upper
284	100		
142	38.3	30.8	46.2
249	31.8	25.4	38.0

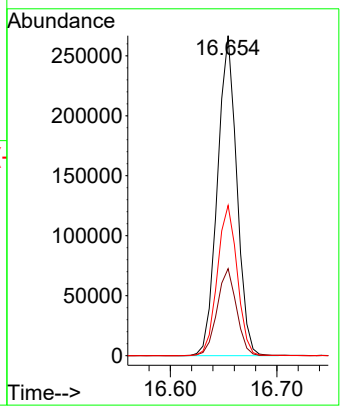




#69
Atrazine
Concen: 20.337 ng
RT: 16.654 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:200 Resp: 33647

Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.2	48.2
215	47.0	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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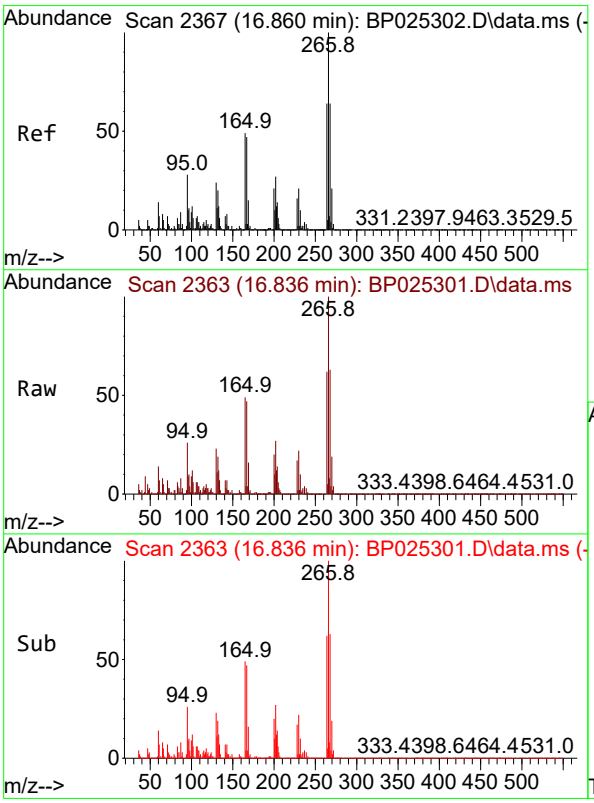
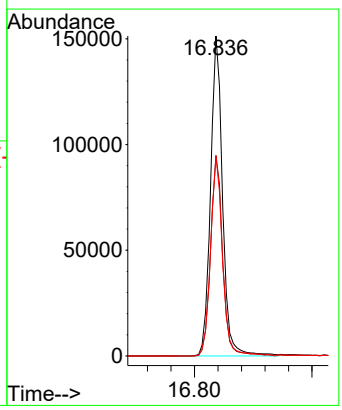
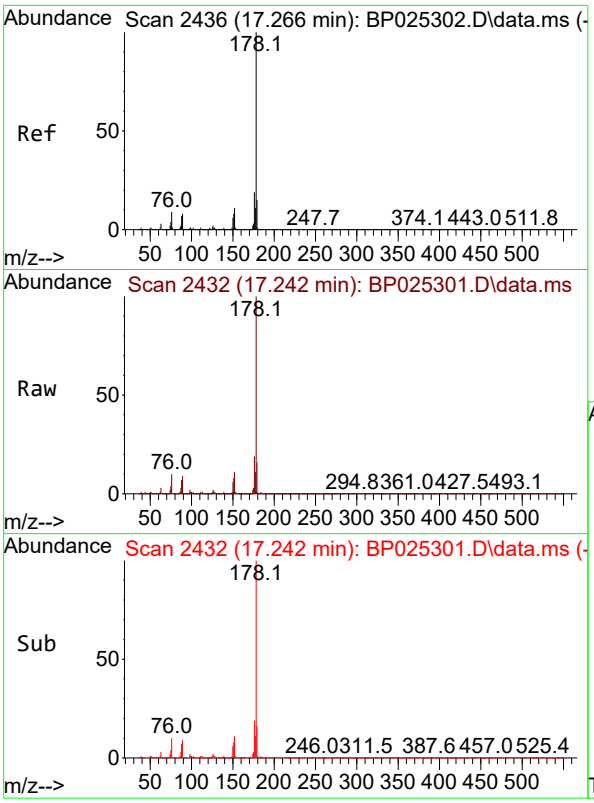


#70
Pentachlorophenol
Concen: 19.278 ng
RT: 16.836 min Scan# 2363
Delta R.T. -0.024 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:266 Resp: 214251

Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.4	77.0
264	62.5	51.1	76.7

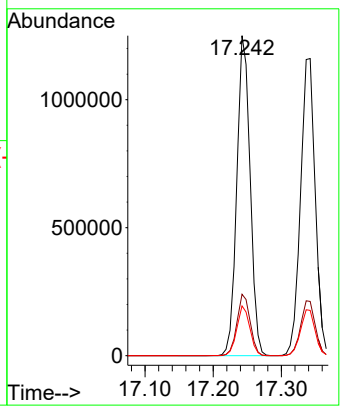




#71
Phenanthrene
Concen: 20.038 ng
RT: 17.242 min Scan# 24
Delta R.T. -0.024 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:178 Resp: 169571

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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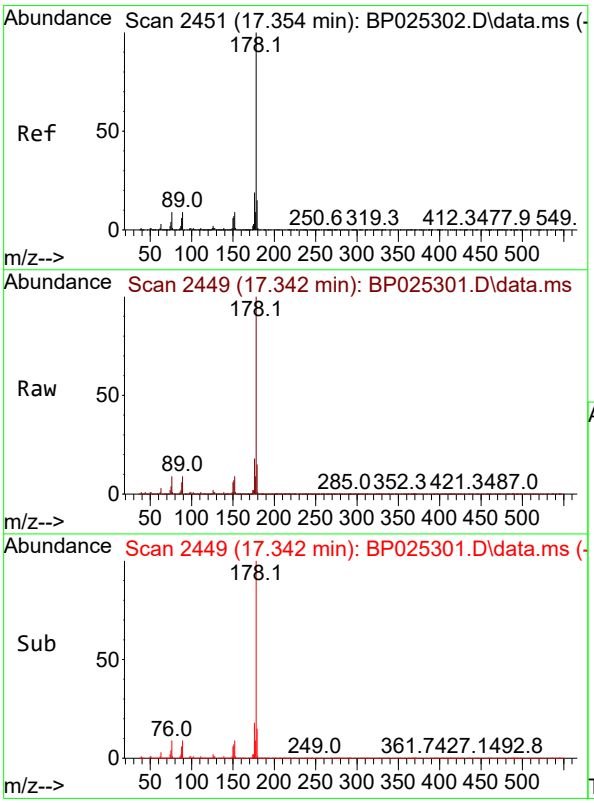
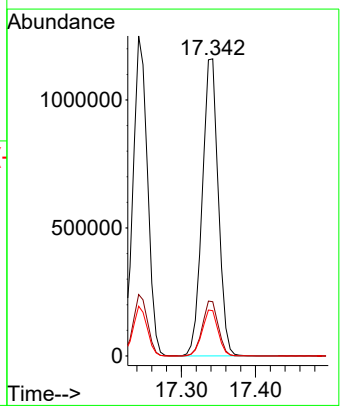
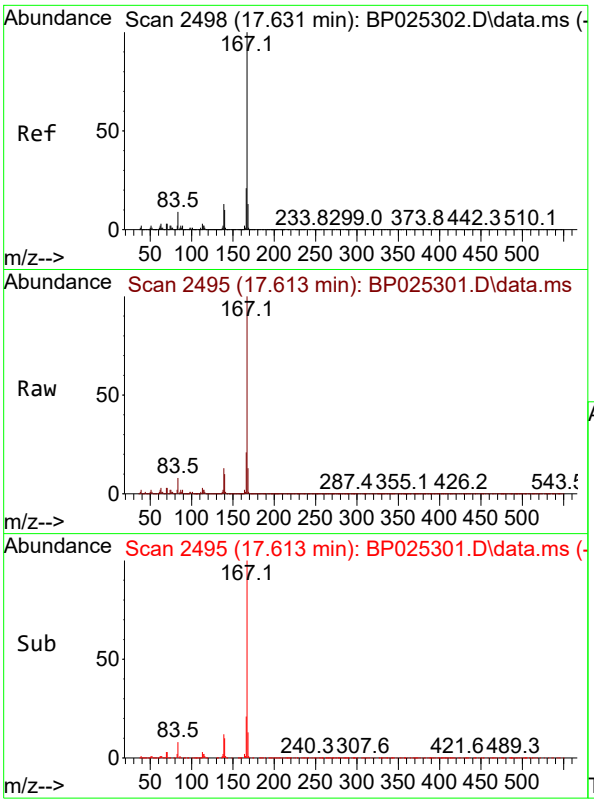


#72
Anthracene
Concen: 20.442 ng
RT: 17.342 min Scan# 2449
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:178 Resp: 1744320

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.3	12.3	18.5

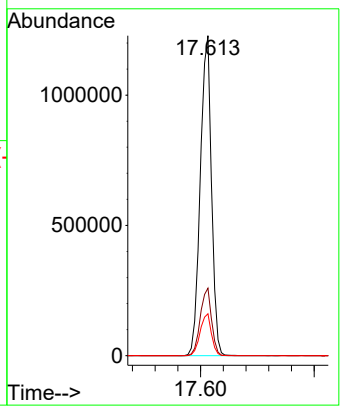




#73
Carbazole
Concen: 20.485 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:167 Resp: 167791

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	13.1	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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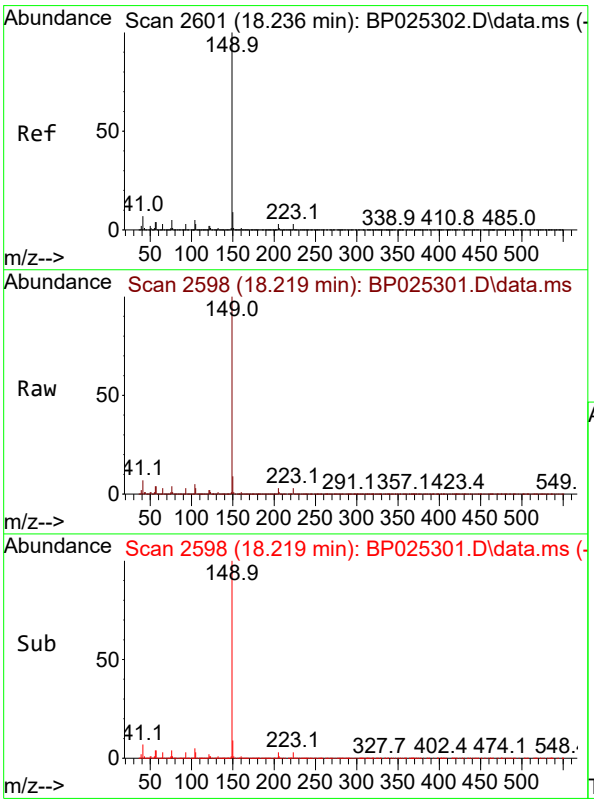
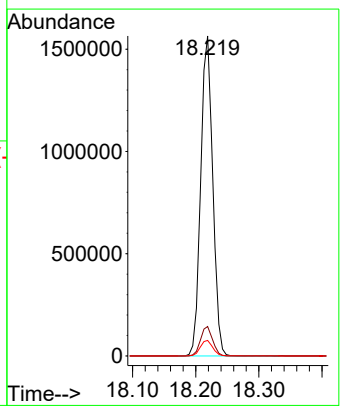
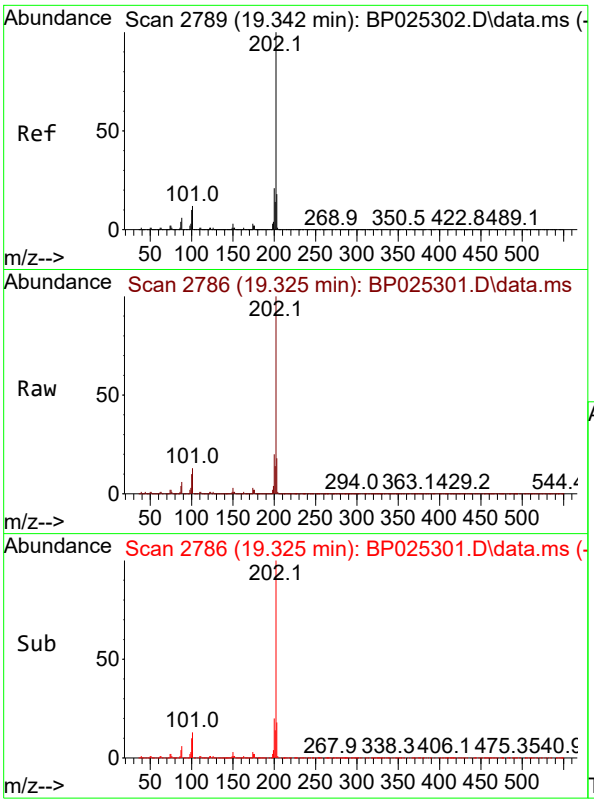


#74
Di-n-butylphthalate
Concen: 20.853 ng
RT: 18.219 min Scan# 2598
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:149 Resp: 2066393

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.9	4.1	6.1

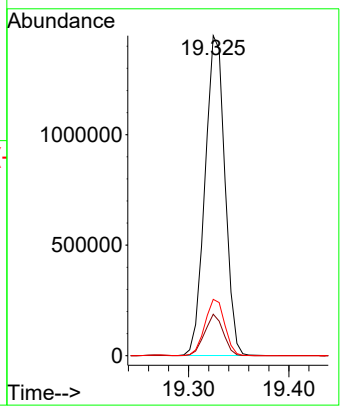




#75
Fluoranthene
Concen: 20.364 ng
RT: 19.325 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:202 Resp: 199494

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.5
203	17.6	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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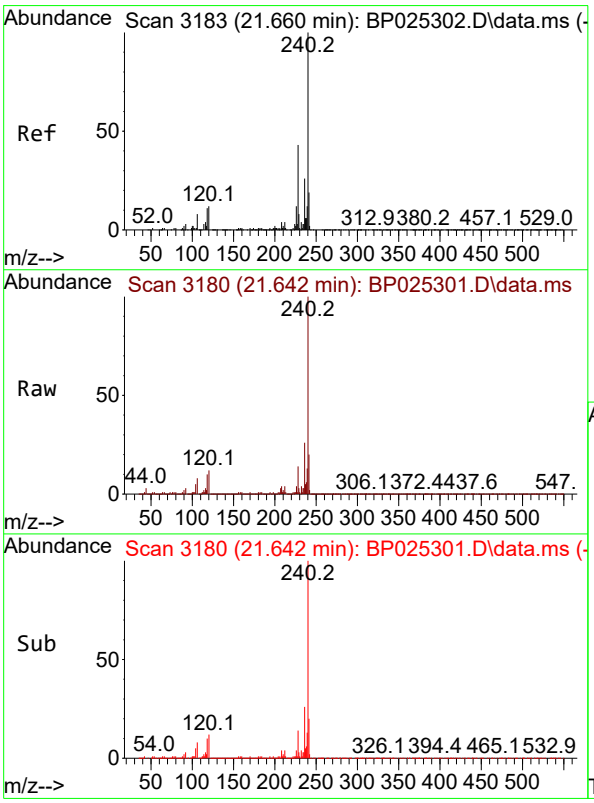
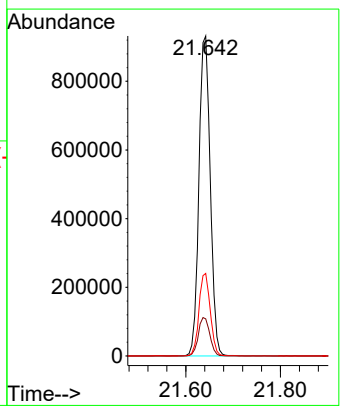
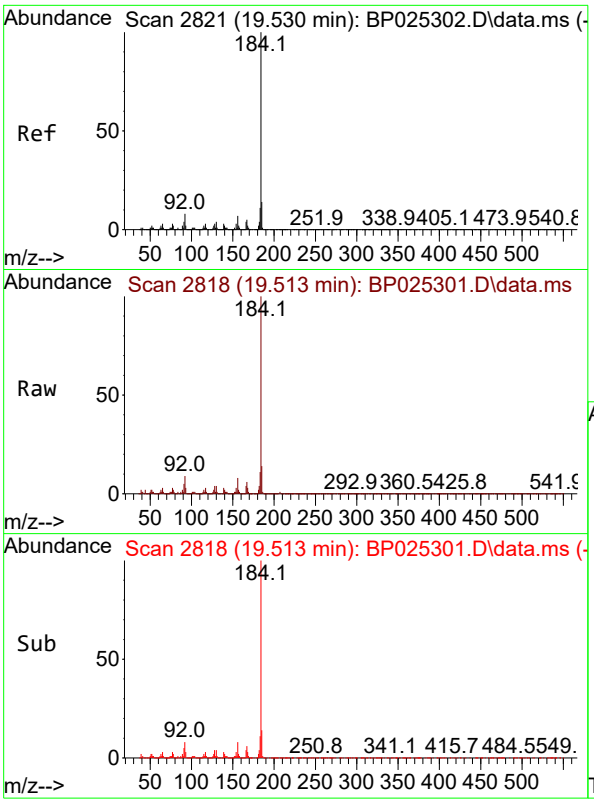


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:240 Resp: 1541869

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	25.8	20.4	30.6

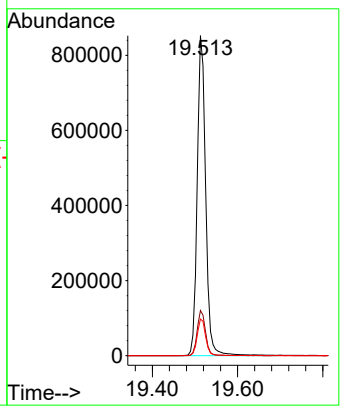




#77
Benzidine
Concen: 21.065 ng
RT: 19.513 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:184 Resp: 117555

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.6
183	11.4	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
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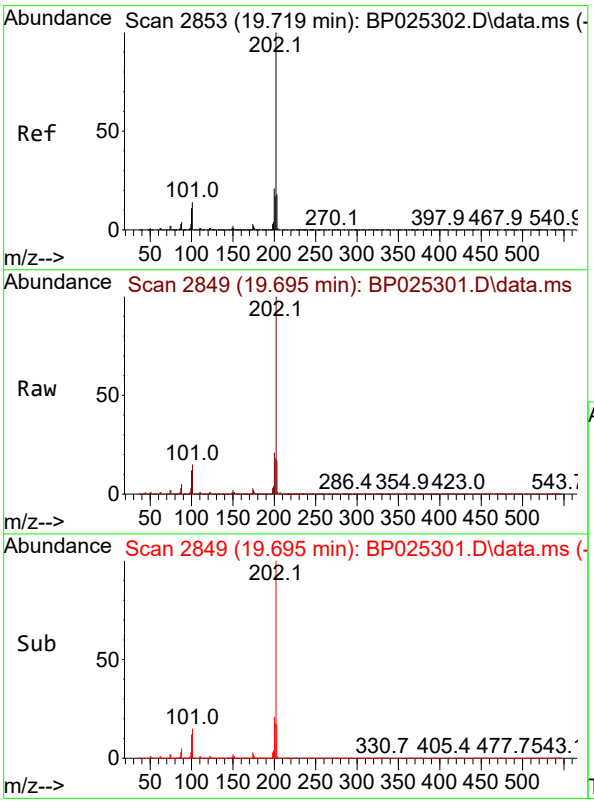
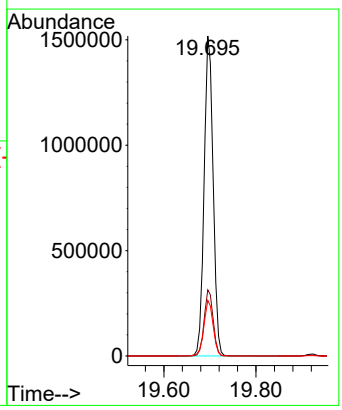
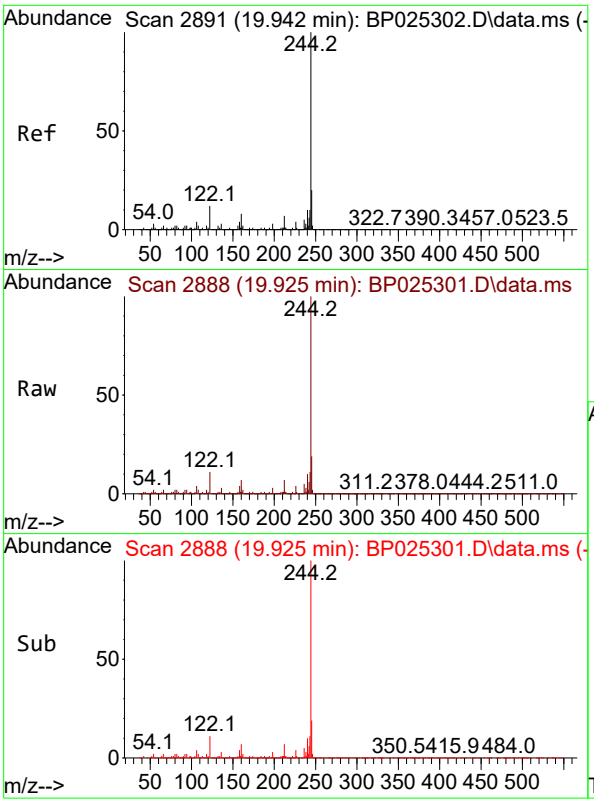


#78
Pyrene
Concen: 20.301 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.024 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:202 Resp: 2081509

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.4	14.1	21.1





#79
Terphenyl-d14
Concen: 41.421 ng
RT: 19.925 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 338065

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.7	9.5	14.3

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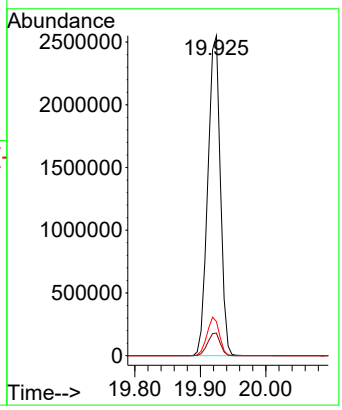
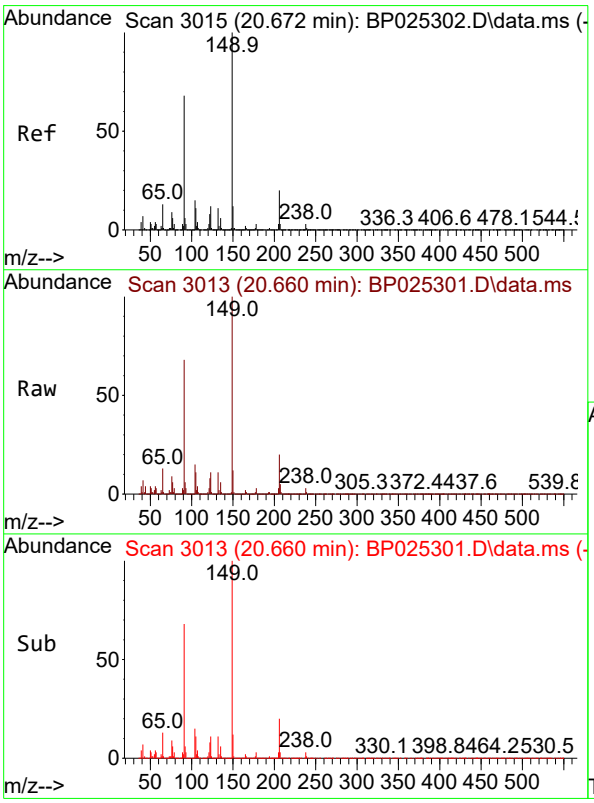
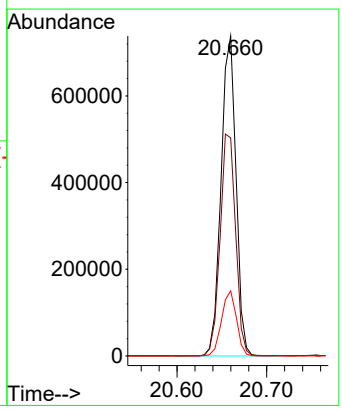


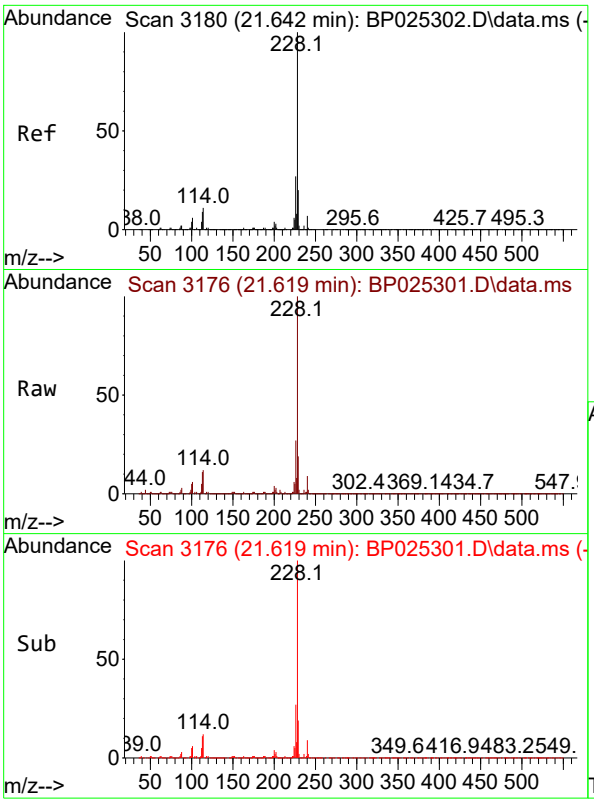


#80
Butylbenzylphthalate
Concen: 20.547 ng
RT: 20.660 min Scan# 3013
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:149 Resp: 854396

Ion	Ratio	Lower	Upper
149	100		
91	68.2	54.7	82.1
206	20.4	16.4	24.6

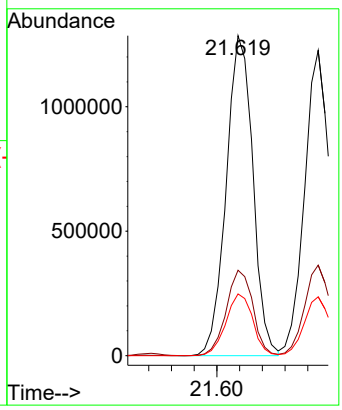




#81
Benzo(a)anthracene
Concen: 20.421 ng
RT: 21.619 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:228 Resp: 209233

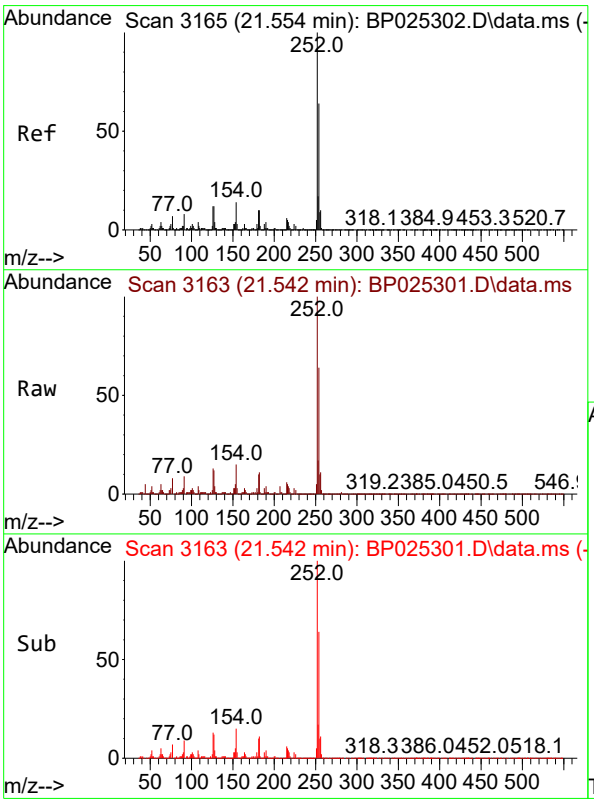
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.8
229	19.3	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

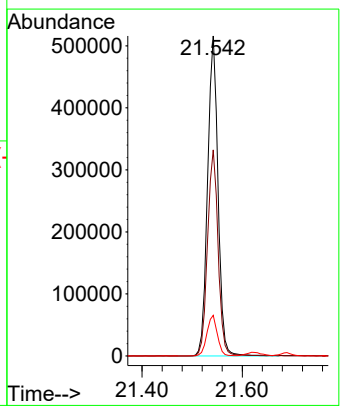
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

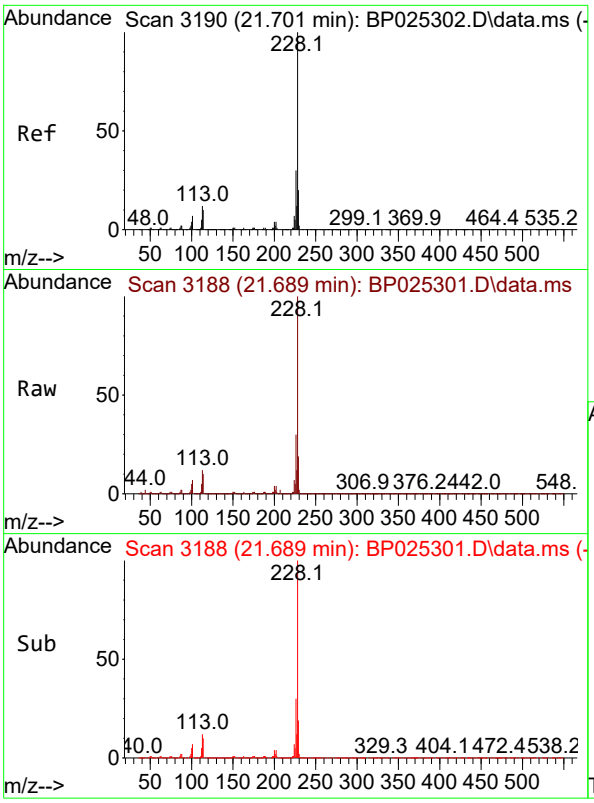


#82
3,3'-Dichlorobenzidine
Concen: 20.628 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:252 Resp: 745703

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.0	76.6
126	12.7	9.4	14.2

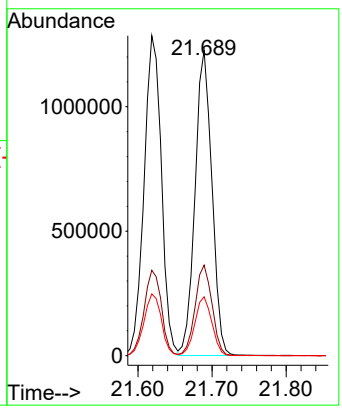




#83
Chrysene
Concen: 20.400 ng
RT: 21.689 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:228 Resp: 193869

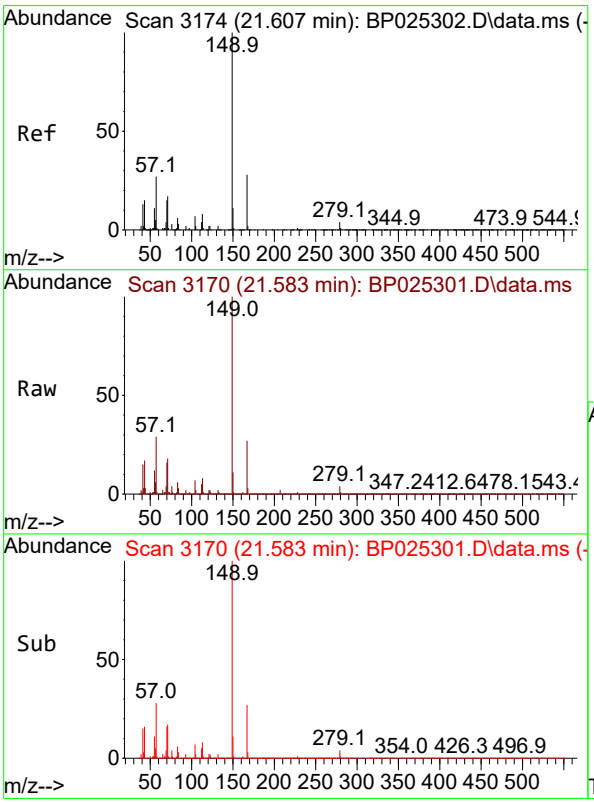
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.3	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

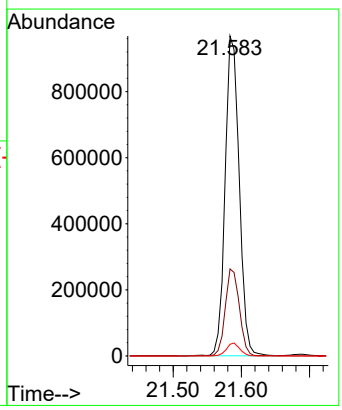
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

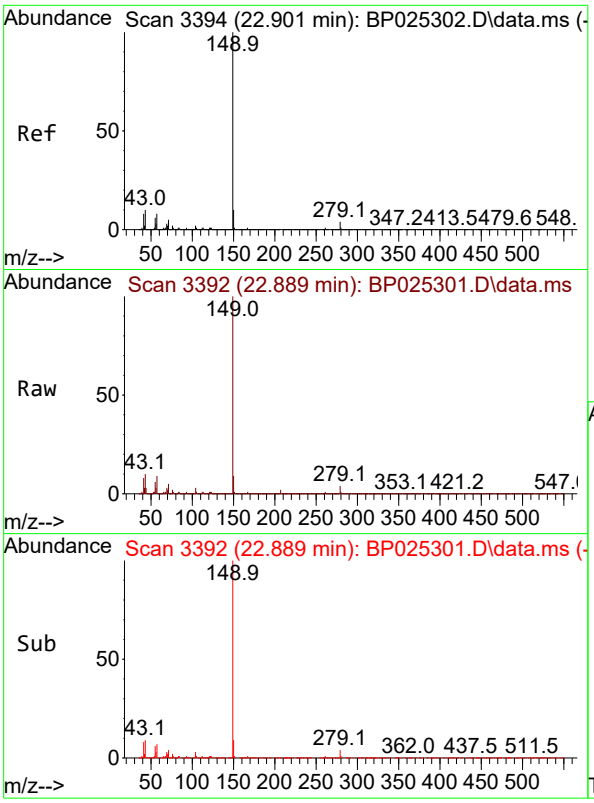


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.958 ng
RT: 21.583 min Scan# 3170
Delta R.T. -0.024 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:149 Resp: 1391559

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	3.7	3.4	5.2

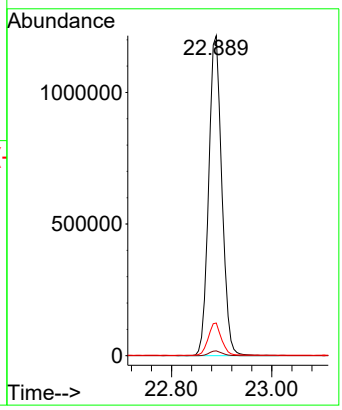




#85
Di-n-octyl phthalate
Concen: 19.895 ng
RT: 22.889 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:149 Resp: 221107

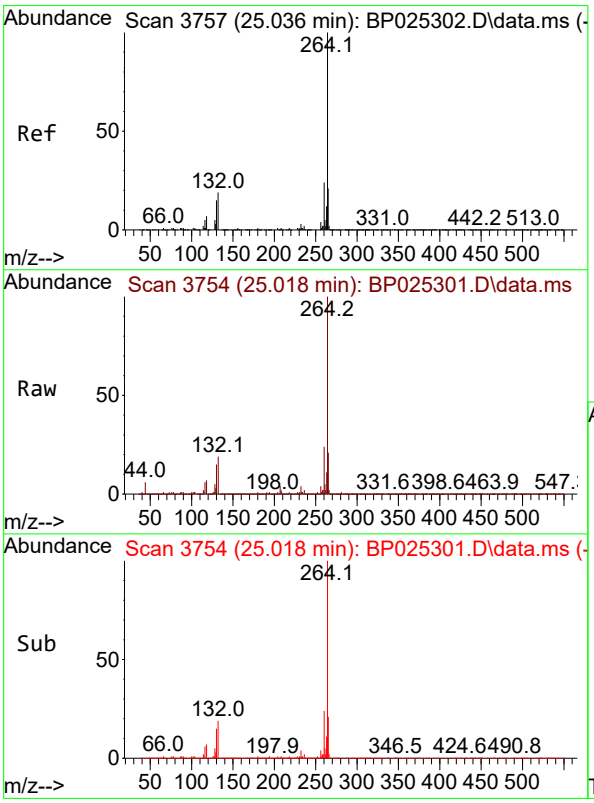
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.1	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

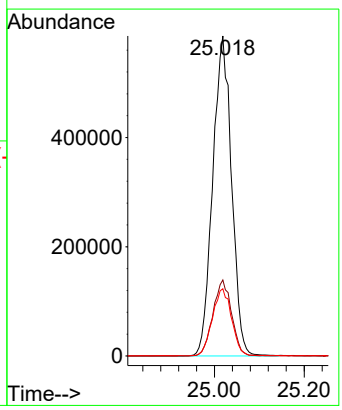
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

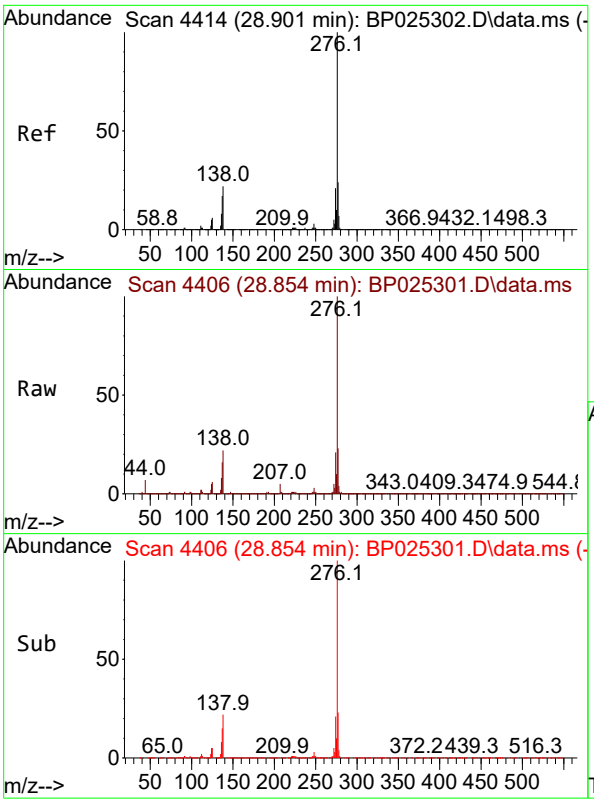


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:264 Resp: 1709357

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.1	25.7

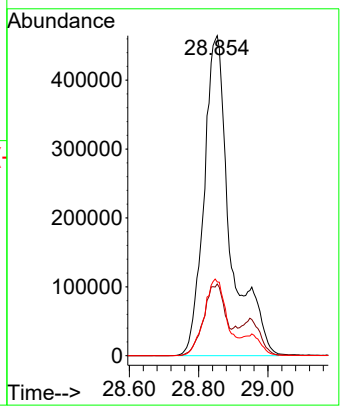




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.000 ng m
RT: 28.854 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:276 Resp: 245402

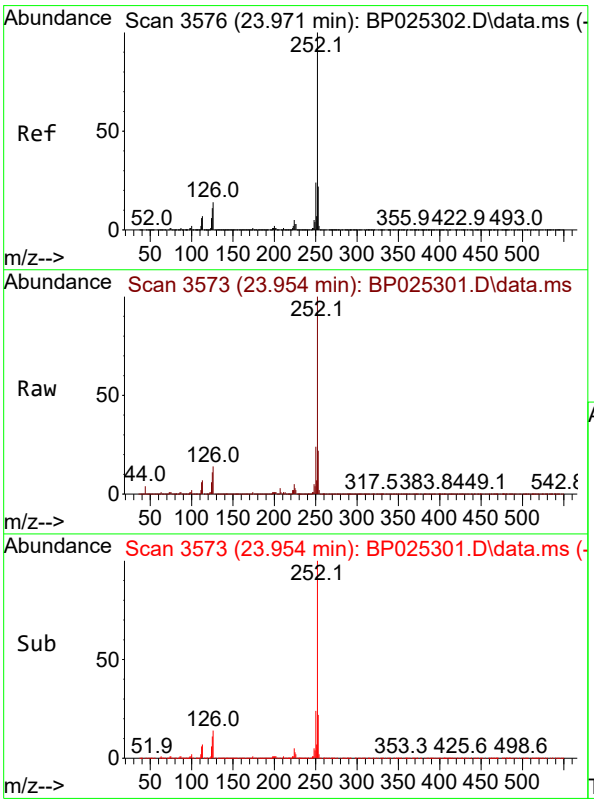
Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.6	22.0
277	20.6	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

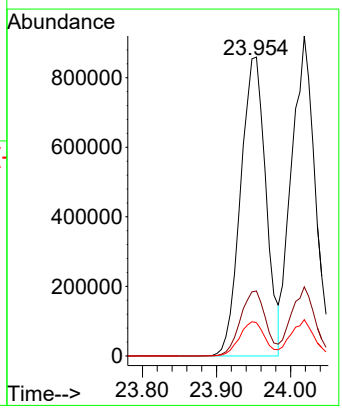
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

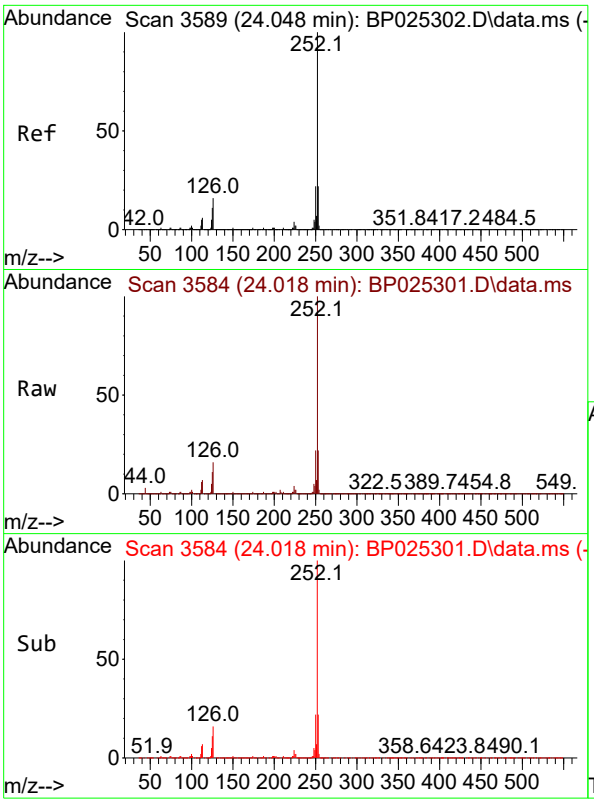


#88
Benzo(b)fluoranthene
Concen: 19.945 ng
RT: 23.954 min Scan# 3573
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:252 Resp: 2040906

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.1	8.5	12.7

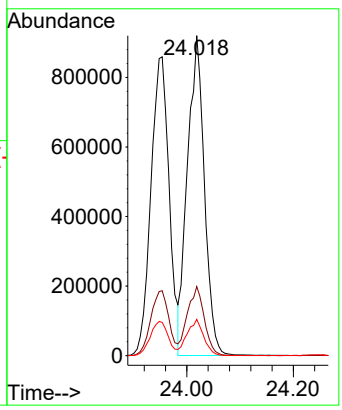




#89
Benzo(k)fluoranthene
Concen: 20.034 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.030 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:252 Resp: 203222

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.4	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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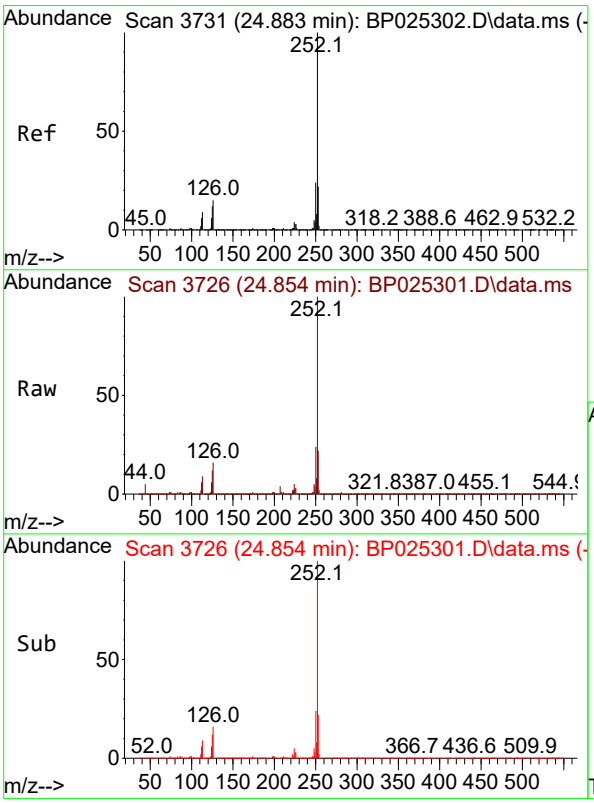
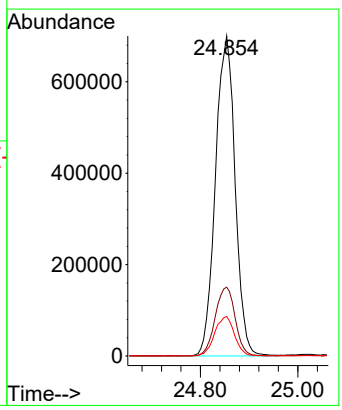
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

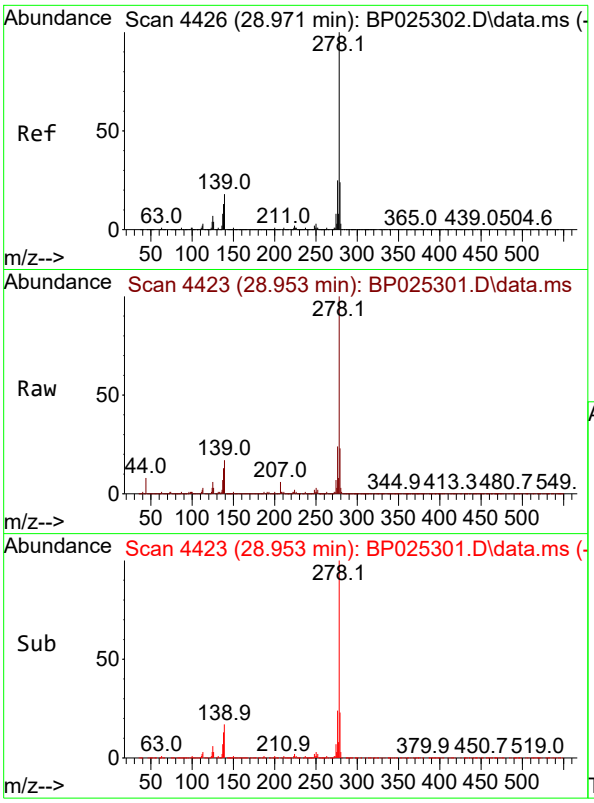


#90
Benzo(a)pyrene
Concen: 19.917 ng
RT: 24.854 min Scan# 3726
Delta R.T. -0.029 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:252 Resp: 1962673

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	12.3	9.4	14.0

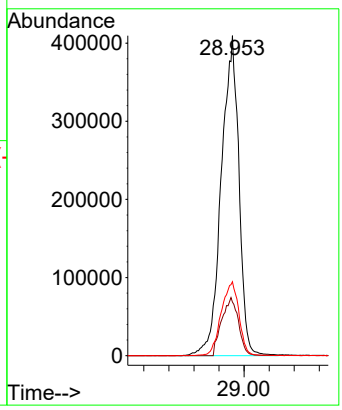




#91
Dibenzo(a,h)anthracene
Concen: 19.860 ng
RT: 28.953 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:278 Resp: 199280

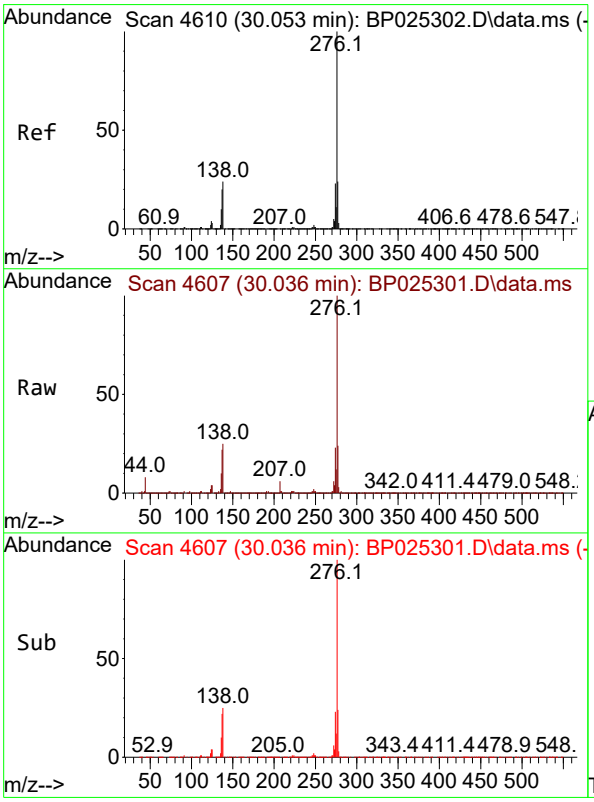
Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.6	22.0
279	23.1	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

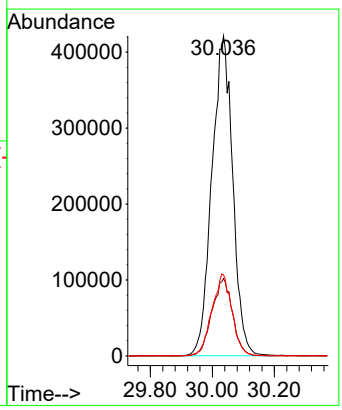
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 19.938 ng
RT: 30.036 min Scan# 4607
Delta R.T. -0.017 min
Lab File: BP025301.D
Acq: 05 Aug 2025 14:06

Tgt Ion:276 Resp: 1964046

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	25.3	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025302.D
Acq On : 05 Aug 2025 14:47
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Aug 06 06:01:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	201963	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	880642	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	554286	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	1096367	20.000	ng	0.00
76) Chrysene-d12	21.660	240	1098659	20.000	ng	0.00
86) Perylene-d12	25.036	264	1264736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	996403	78.838	ng	0.00
7) Phenol-d6	6.966	99	1318375	79.077	ng	0.00
23) Nitrobenzene-d5	8.943	82	1316251	80.869	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	470979	82.296	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	3200514	80.179	ng	0.00
79) Terphenyl-d14	19.942	244	4595144	79.015	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	194354	39.221	ng	100
3) Pyridine	3.725	79	541403	39.325	ng	100
4) n-Nitrosodimethylamine	3.631	42	246918	38.631	ng	100
6) Aniline	7.131	93	895891	39.490	ng	100
8) 2-Chlorophenol	7.372	128	545256	39.670	ng	100
9) Benzaldehyde	6.949	77	566415	48.256	ng	100
10) Phenol	6.990	94	699120	39.538	ng	100
11) bis(2-Chloroethyl)ether	7.225	93	539982	38.975	ng	100
12) 1,3-Dichlorobenzene	7.696	146	595110	38.533	ng	100
13) 1,4-Dichlorobenzene	7.837	146	609114	38.983	ng	100
14) 1,2-Dichlorobenzene	8.149	146	587683	38.826	ng	100
15) Benzyl Alcohol	8.031	79	502383	39.218	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.325	45	850917	38.879	ng	100
17) 2-Methylphenol	8.225	107	474988	40.146	ng	100
18) Hexachloroethane	8.878	117	218135	39.037	ng	100
19) n-Nitroso-di-n-propyla...	8.596	70	436056	40.160	ng	100
20) 3+4-Methylphenols	8.549	107	640969	39.342	ng	100
22) Acetophenone	8.607	105	867835	39.255	ng	100
24) Nitrobenzene	8.984	77	606097	40.280	ng	100
25) Isophorone	9.502	82	1255611	39.682	ng	100
26) 2-Nitrophenol	9.684	139	225091	35.376	ng	100
27) 2,4-Dimethylphenol	9.749	122	570930	39.137	ng	100
28) bis(2-Chloroethoxy)met...	9.984	93	759841	39.476	ng	100
29) 2,4-Dichlorophenol	10.213	162	522153	40.884	ng	100
30) 1,2,4-Trichlorobenzene	10.437	180	548893	38.956	ng	100
31) Naphthalene	10.625	128	1791087	39.178	ng	100
32) Benzoic acid	9.849	122	297213	38.952	ng	100
33) 4-Chloroaniline	10.725	127	808713	39.774	ng	100
34) Hexachlorobutadiene	10.913	225	316426	39.122	ng	100
35) Caprolactam	11.472	113	202605	40.802	ng	100
36) 4-Chloro-3-methylphenol	11.831	107	600241	40.617	ng	100
37) 2-Methylnaphthalene	12.225	142	1154835	39.028	ng	100
38) 1-Methylnaphthalene	12.454	142	1205124	39.032	ng	100
40) 1,2,4,5-Tetrachloroben...	12.595	216	606083	40.051	ng	100
41) Hexachlorocyclopentadiene	12.590	237	366850	39.278	ng	100
43) 2,4,6-Trichlorophenol	12.837	196	406436	41.576	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025302.D
Acq On : 05 Aug 2025 14:47
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:01:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	456928	41.667	ng	100
46) 1,1'-Biphenyl	13.243	154	1605905	39.314	ng	100
47) 2-Chloronaphthalene	13.284	162	1225849	39.335	ng	100
48) 2-Nitroaniline	13.484	65	341536	38.066	ng	100
49) Acenaphthylene	14.142	152	2070346	39.828	ng	100
50) Dimethylphthalate	13.872	163	1586291	39.258	ng	100
51) 2,6-Dinitrotoluene	13.978	165	318700	42.760	ng	100
52) Acenaphthene	14.490	154	1234915	38.947	ng	100
53) 3-Nitroaniline	14.307	138	369122	42.324	ng	100
54) 2,4-Dinitrophenol	14.513	184	105656	38.143	ng	100
55) Dibenzofuran	14.831	168	1863874	39.336	ng	100
56) 4-Nitrophenol	14.607	139	314409	40.848	ng	100
57) 2,4-Dinitrotoluene	14.778	165	431918	38.103	ng	100
58) Fluorene	15.489	166	1458854	39.200	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.054	232	381224	41.372	ng	100
60) Diethylphthalate	15.260	149	1596506	39.190	ng	100
61) 4-Chlorophenyl-phenyle...	15.484	204	699128	39.626	ng	100
62) 4-Nitroaniline	15.489	138	374812	43.373	ng	100
63) Azobenzene	15.784	77	1497305	39.565	ng	100
65) 4,6-Dinitro-2-methylph...	15.560	198	165146	37.407	ng	100
66) n-Nitrosodiphenylamine	15.695	169	1327098	39.754	ng	100
67) 4-Bromophenyl-phenylether	16.395	248	436238	39.545	ng	100
68) Hexachlorobenzene	16.513	284	482334	38.967	ng	100
69) Atrazine	16.666	200	465752	39.673	ng	100
70) Pentachlorophenol	16.860	266	315442	40.000	ng	100
71) Phenanthrene	17.266	178	2351974	39.167	ng	100
72) Anthracene	17.354	178	2401769	39.667	ng	100
73) Carbazole	17.631	167	2307398	39.700	ng	100
74) Di-n-butylphthalate	18.236	149	2828001	40.220	ng	100
75) Fluoranthene	19.342	202	2745884	39.501	ng	100
77) Benzidine	19.530	184	2131359	53.598	ng	100
78) Pyrene	19.719	202	2831811	38.761	ng	100
80) Butylbenzylphthalate	20.672	149	1241891	41.913	ng	100
81) Benzo(a)anthracene	21.642	228	2859970	39.173	ng	100
82) 3,3'-Dichlorobenzidine	21.554	252	1039593	40.358	ng	100
83) Chrysene	21.701	228	2674978	39.503	ng	100
84) Bis(2-ethylhexyl)phtha...	21.607	149	1959652	41.420	ng	100
85) Di-n-octyl phthalate	22.901	149	3300305	41.675	ng	100
87) Indeno(1,2,3-cd)pyrene	28.901	276	3649652m	40.200	ng	
88) Benzo(b)fluoranthene	23.971	252	2981039	39.375	ng	100
89) Benzo(k)fluoranthene	24.048	252	2961242	39.456	ng	100
90) Benzo(a)pyrene	24.883	252	2911834	39.938	ng	100
91) Dibenzo(a,h)anthracene	28.971	278	2998158	40.383	ng	100
92) Benzo(g,h,i)perylene	30.053	276	2917156	40.025	ng	100

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

ICAL Form

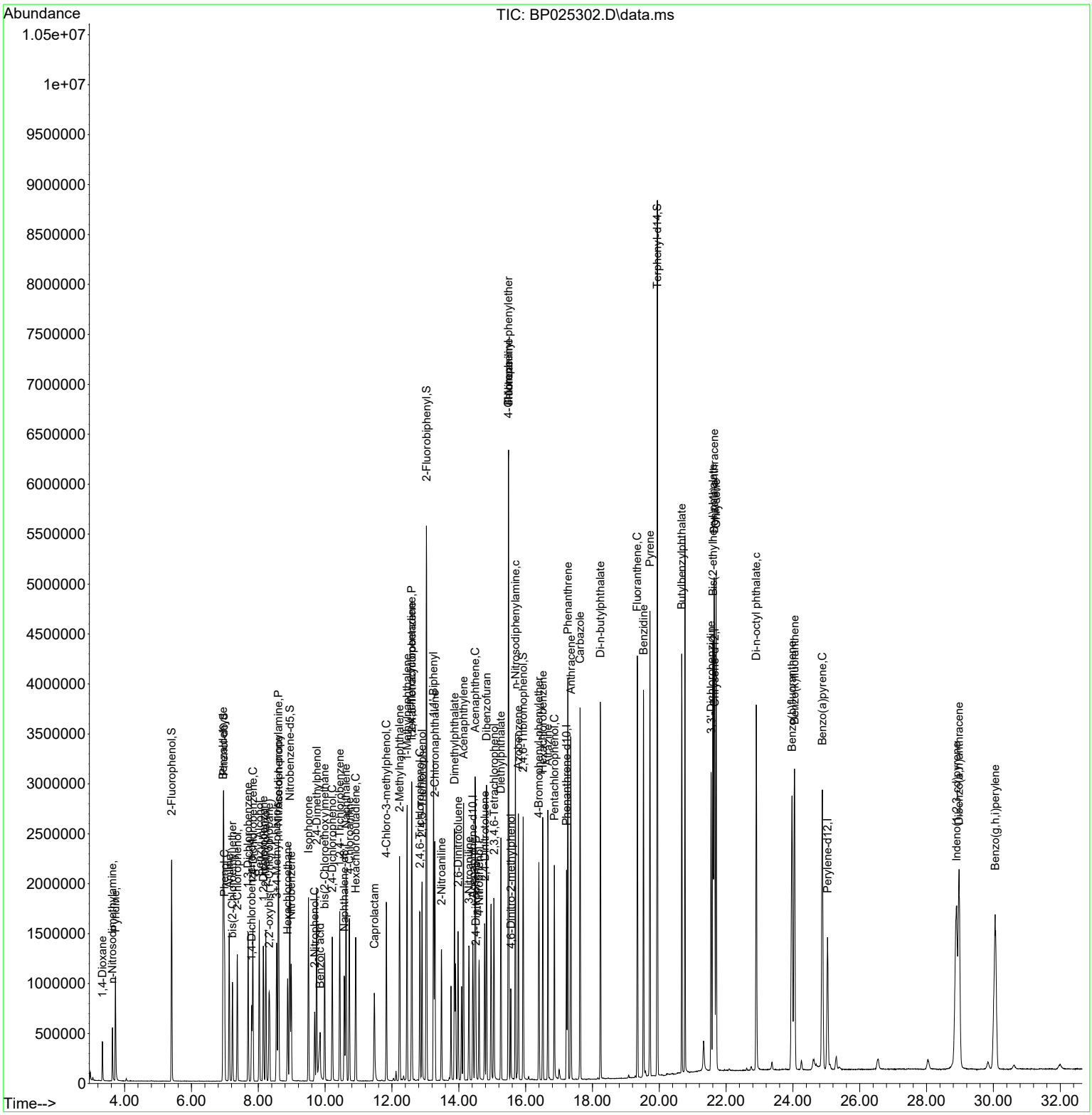
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025302.D
Acq On : 05 Aug 2025 14:47
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

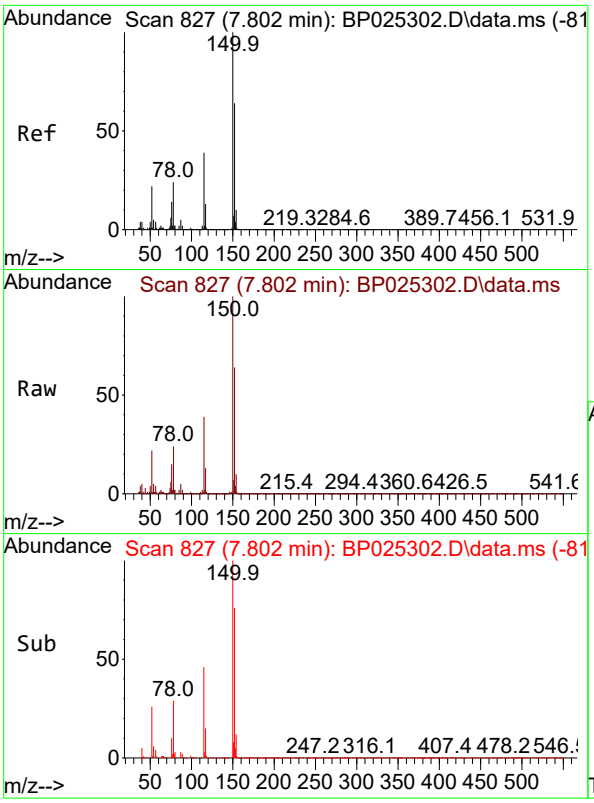
Quant Time: Aug 06 06:01:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

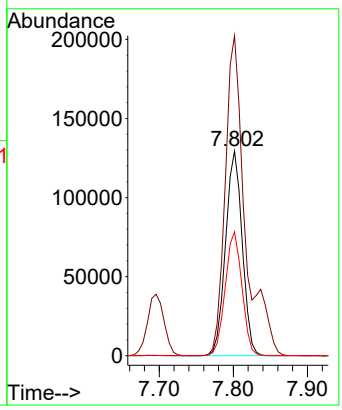




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:152 Resp: 20196

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.1	187.7
115	60.5	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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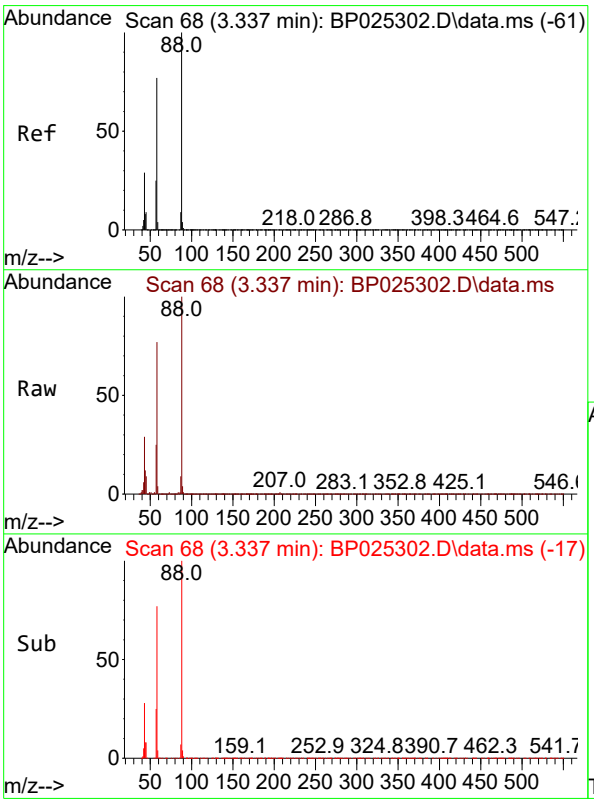
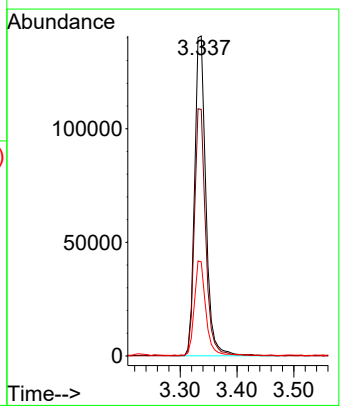
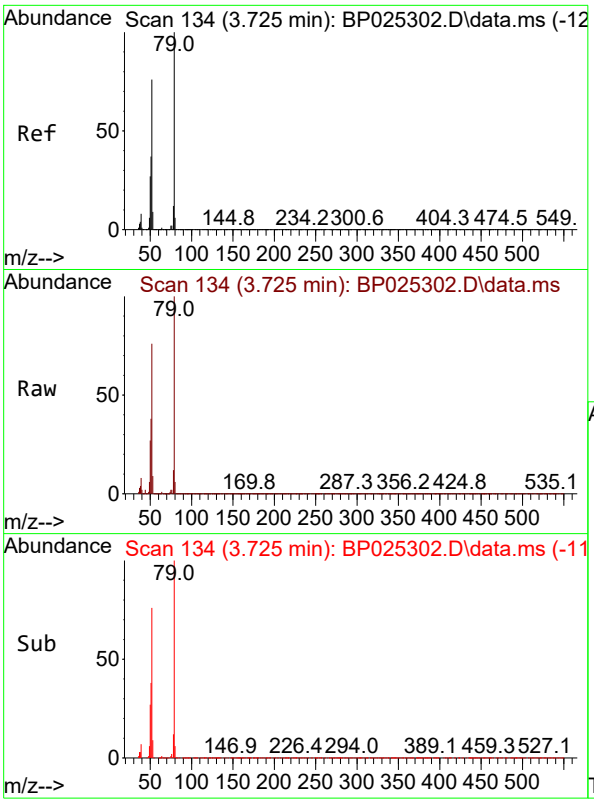


#2
1,4-Dioxane
Concen: 39.221 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 88 Resp: 194354

Ion	Ratio	Lower	Upper
88	100		
58	77.4	61.9	92.9
43	30.2	24.2	36.2

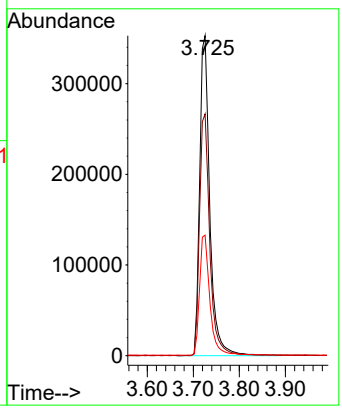




#3
Pyridine
Concen: 39.325 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 79 Resp: 54140

Ion	Ratio	Lower	Upper
79	100		
52	75.6	60.5	90.7
51	37.7	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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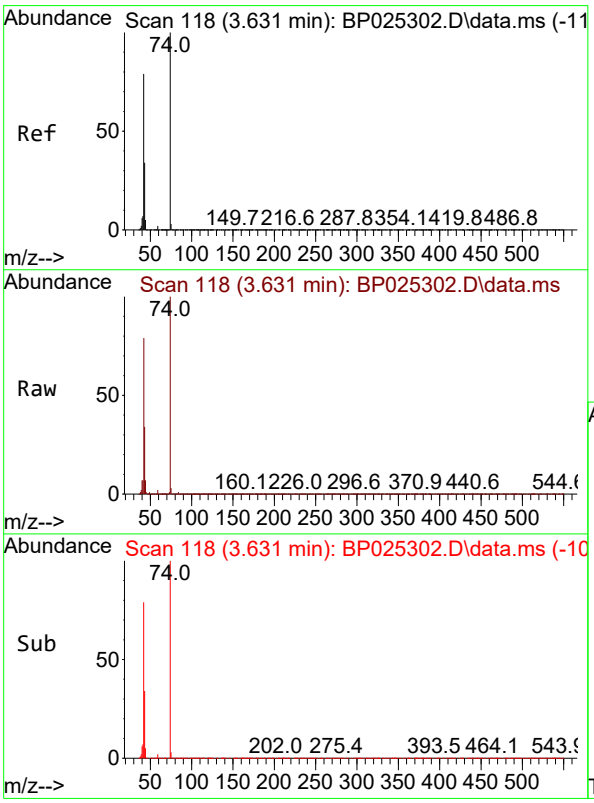
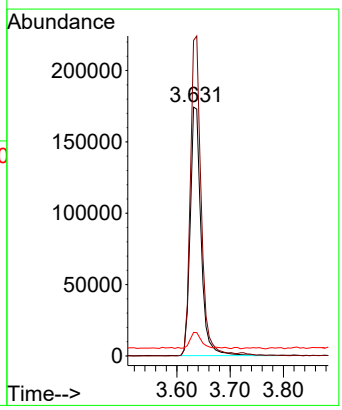
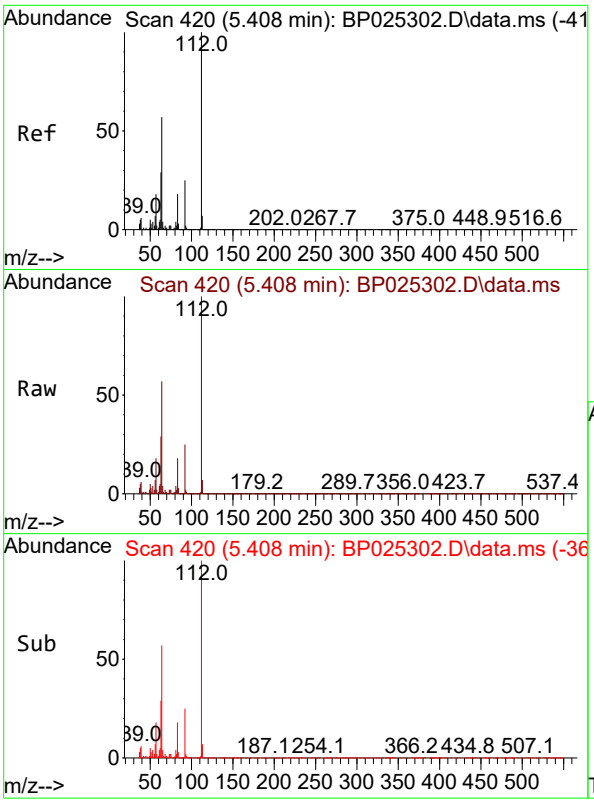


#4
n-Nitrosodimethylamine
Concen: 38.631 ng
RT: 3.631 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 42 Resp: 246918

Ion	Ratio	Lower	Upper
42	100		
74	126.8	101.4	152.2
44	9.5	7.6	11.4





#5
2-Fluorophenol
Concen: 78.838 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:112 Resp: 99640

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.3	67.9
63	28.8	23.0	34.6

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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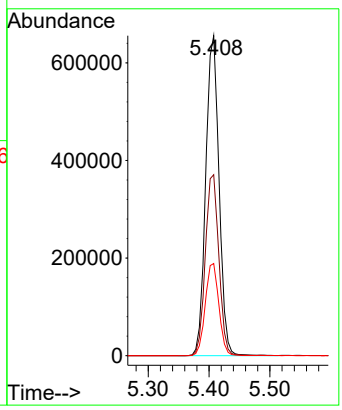
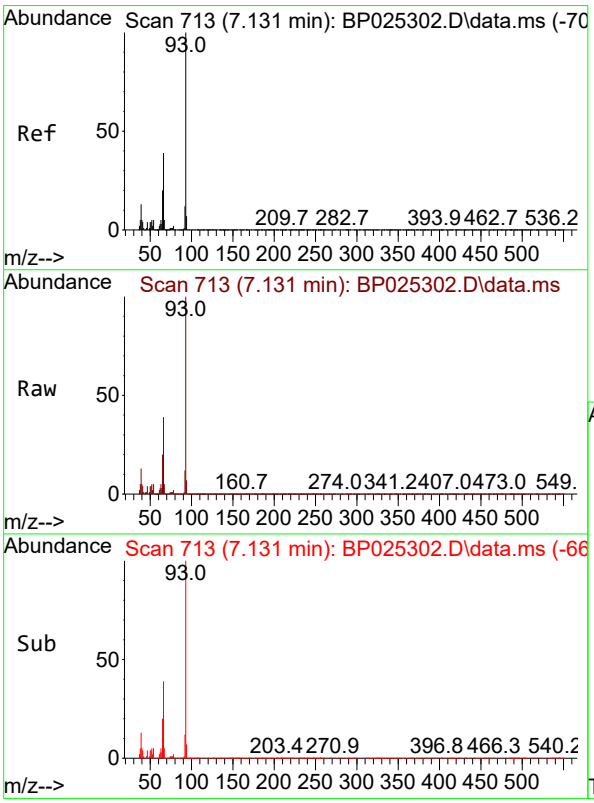
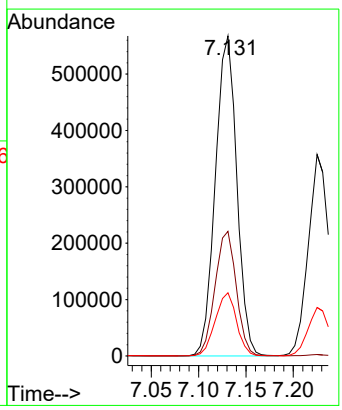


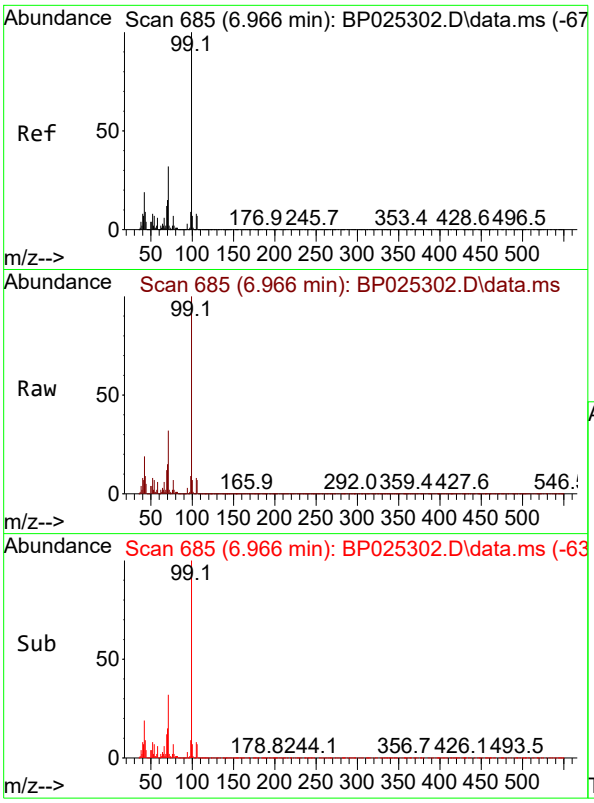


#6
Aniline
Concen: 39.490 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 93 Resp: 895891

Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.1	46.7
65	19.8	15.8	23.8

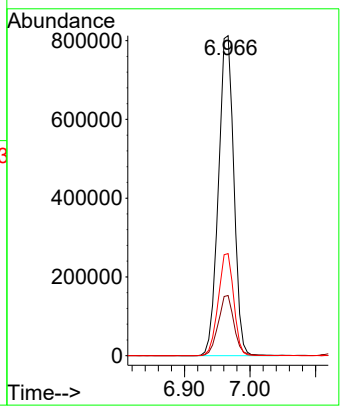




#7
Phenol-d6
Concen: 79.077 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 99 Resp: 131837

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.6
71	31.9	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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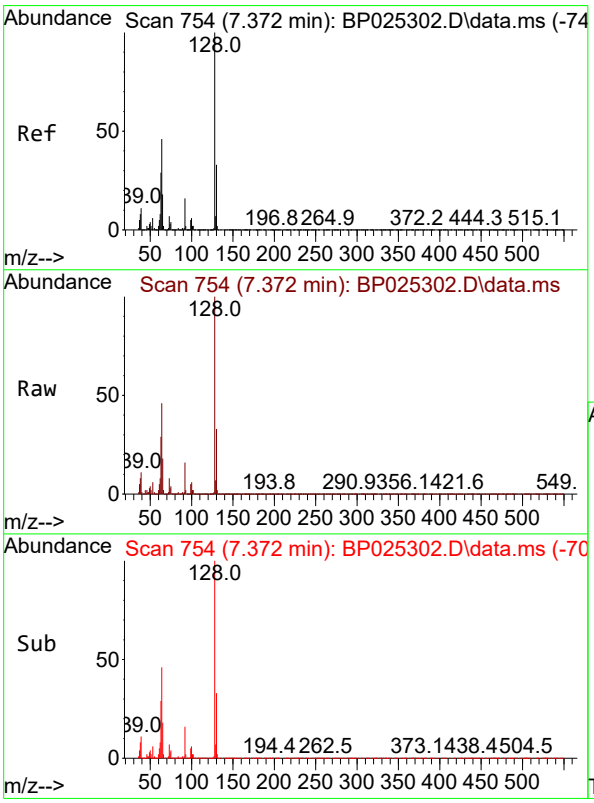
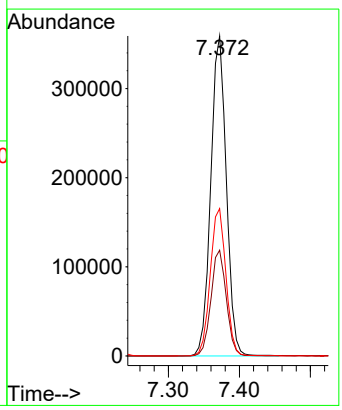
Supervised By :Jagrut Upadhyay 08/06/2025

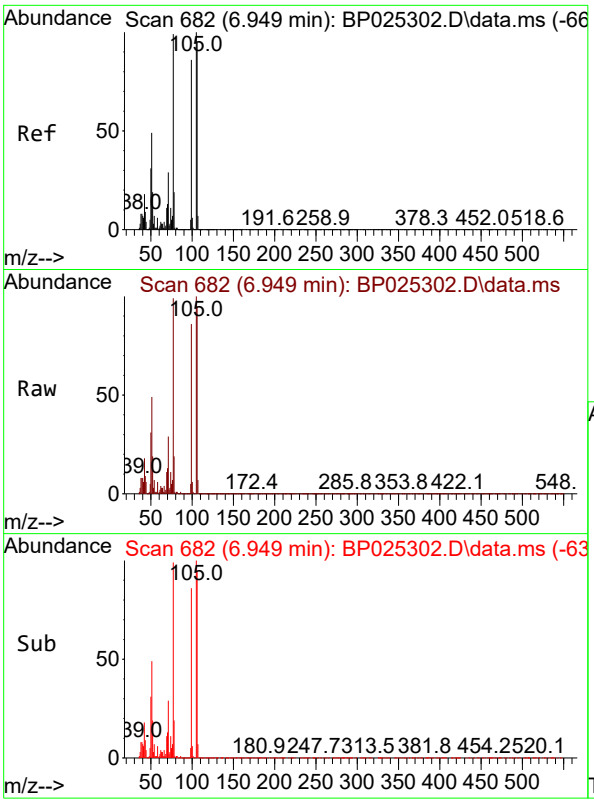


#8
2-Chlorophenol
Concen: 39.670 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:128 Resp: 545256

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	46.1	26.1	66.1





#9
Benzaldehyde
Concen: 48.256 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 77 Resp: 56641

Ion	Ratio	Lower	Upper
77	100		
105	101.4	81.4	121.4
106	96.2	76.2	116.2

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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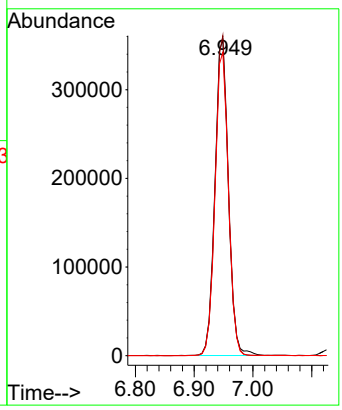
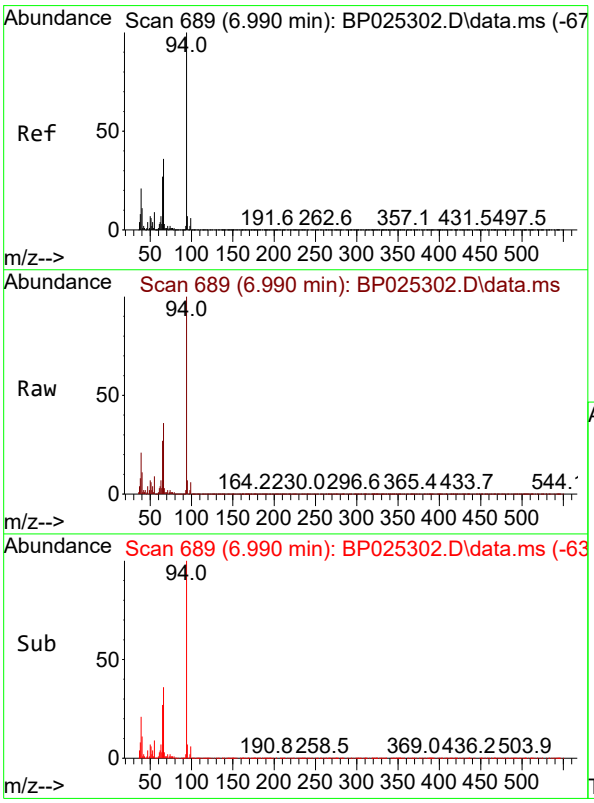
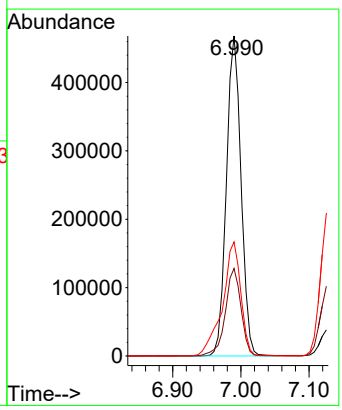


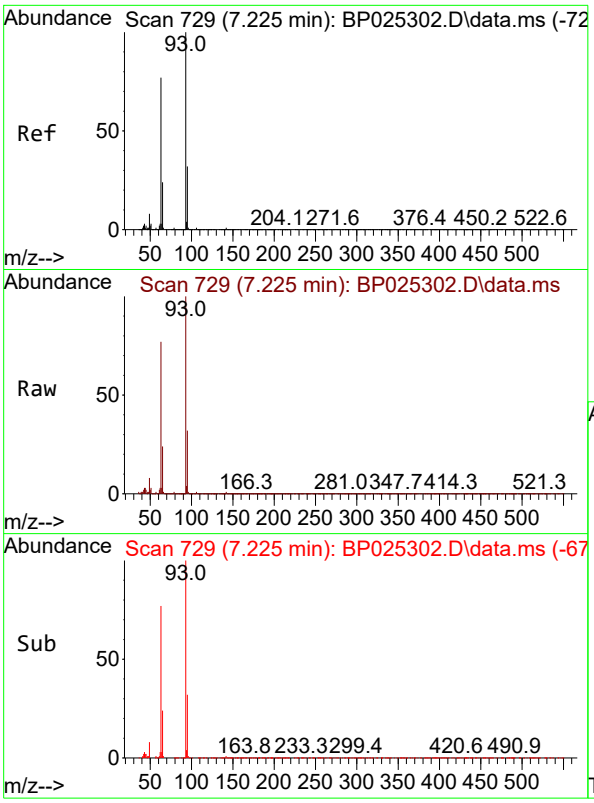


#10
Phenol
Concen: 39.538 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 94 Resp: 699120

Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.3	47.3
66	35.7	15.7	55.7

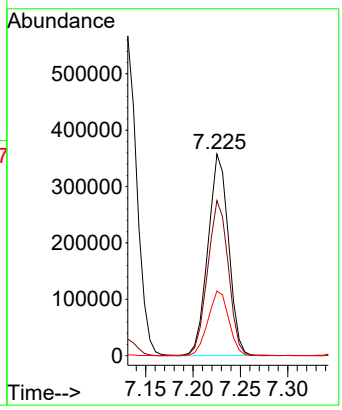




#11
bis(2-Chloroethyl)ether
Concen: 38.975 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 93 Resp: 53998

Ion	Ratio	Lower	Upper
93	100		
63	77.0	57.0	97.0
95	32.1	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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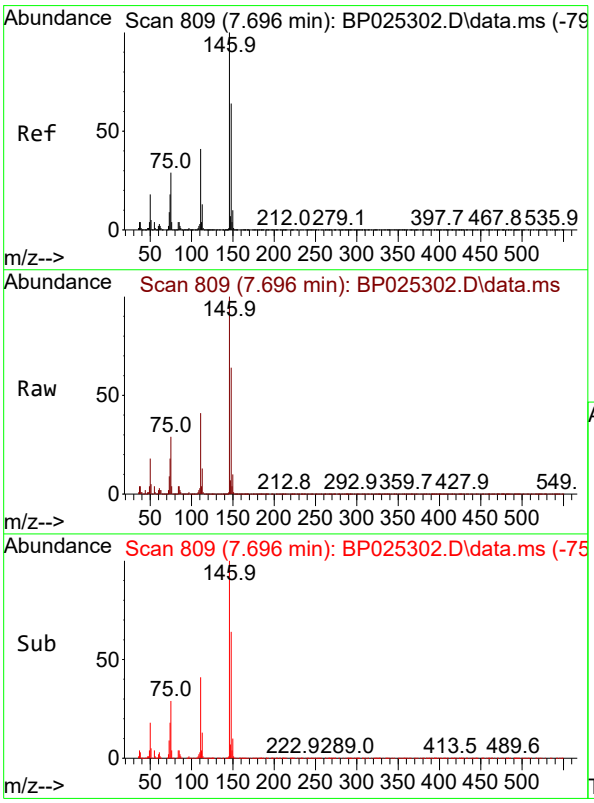
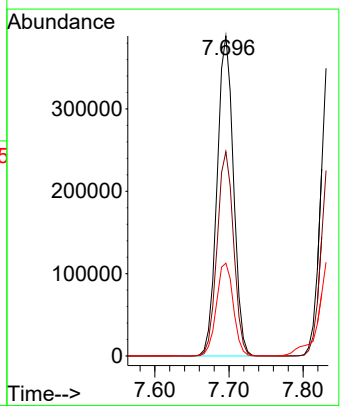
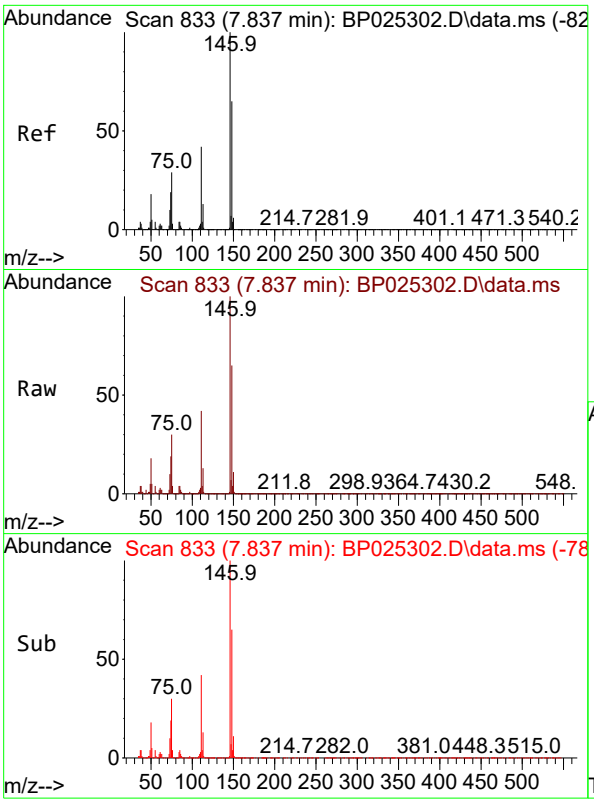


#12
1,3-Dichlorobenzene
Concen: 38.533 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:146 Resp: 595110

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
75	29.0	23.2	34.8

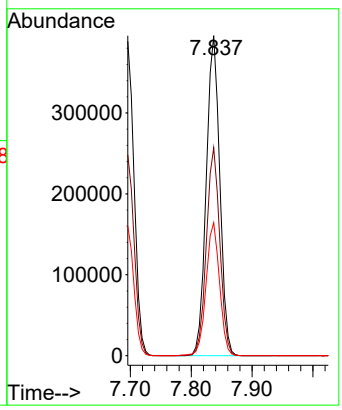




#13
1,4-Dichlorobenzene
Concen: 38.983 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:146 Resp: 60911

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.0	78.0
111	41.5	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
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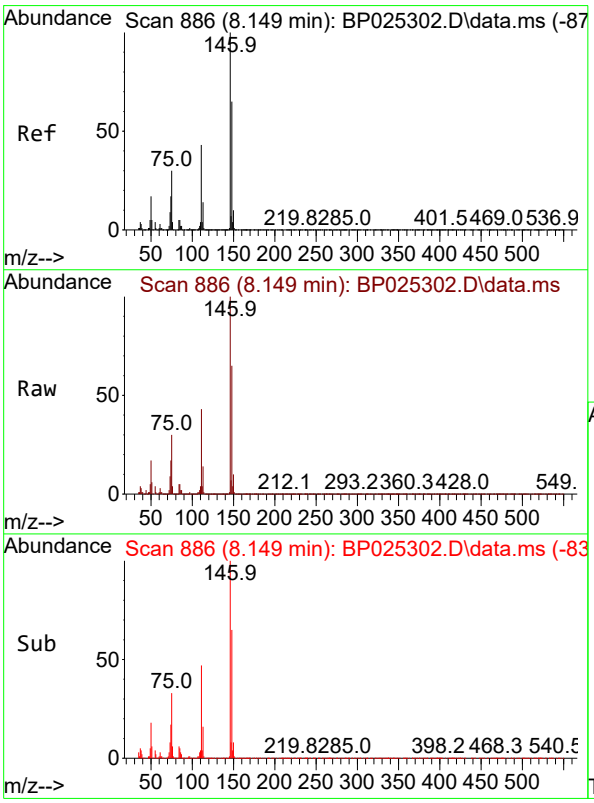
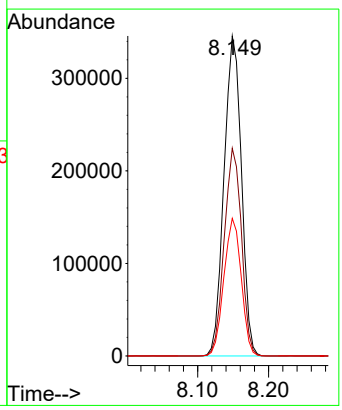
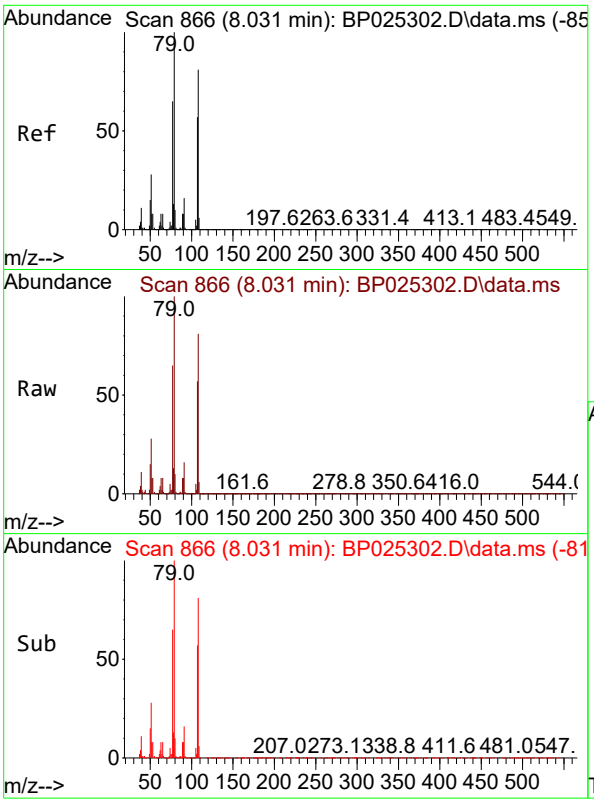


#14
1,2-Dichlorobenzene
Concen: 38.826 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:146 Resp: 587683

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	43.0	34.4	51.6





#15
Benzyl Alcohol
Concen: 39.218 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 79 Resp: 50238

Ion	Ratio	Lower	Upper
79	100		
108	80.6	64.5	96.7
77	64.9	51.9	77.9

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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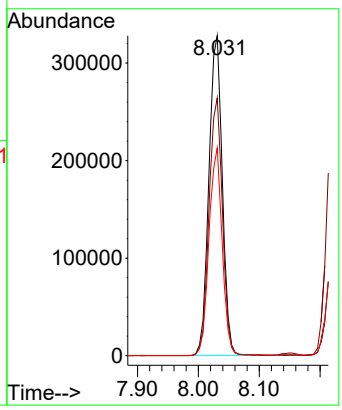
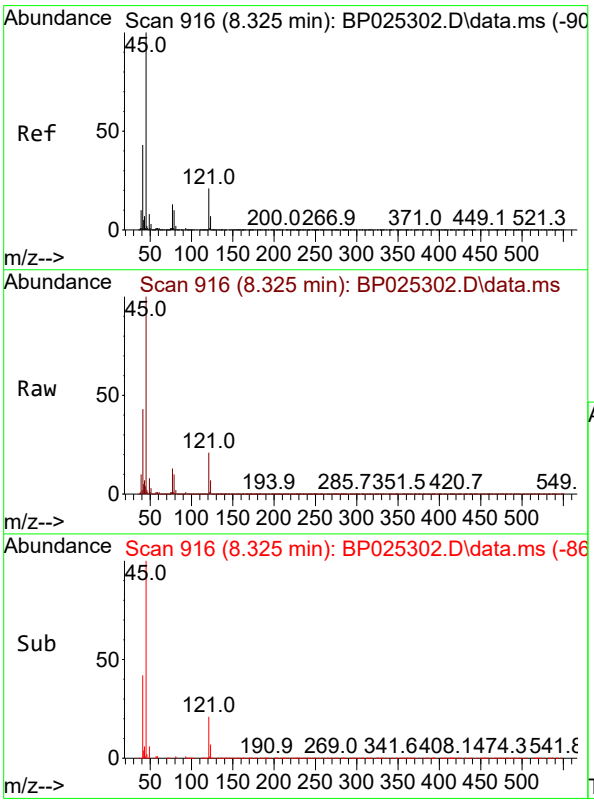
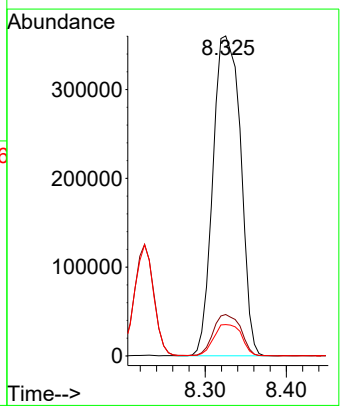


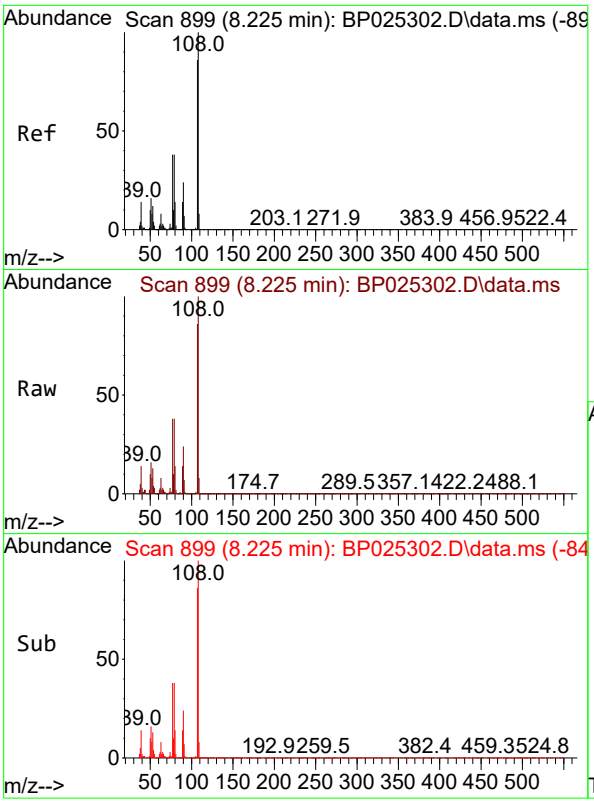


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.879 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 45 Resp: 850917

Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.0
79	9.8	0.0	29.8

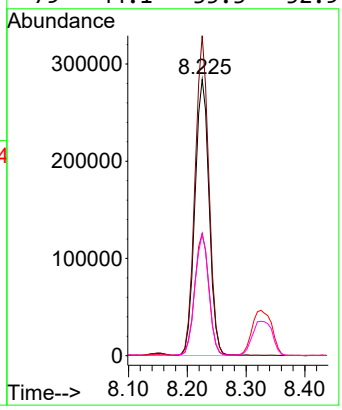




#17
2-Methylphenol
Concen: 40.146 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:107 Resp: 47498

Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.6	139.0
77	44.3	35.4	53.2
79	44.1	35.3	52.9



Instrument :
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ClientSampleId :
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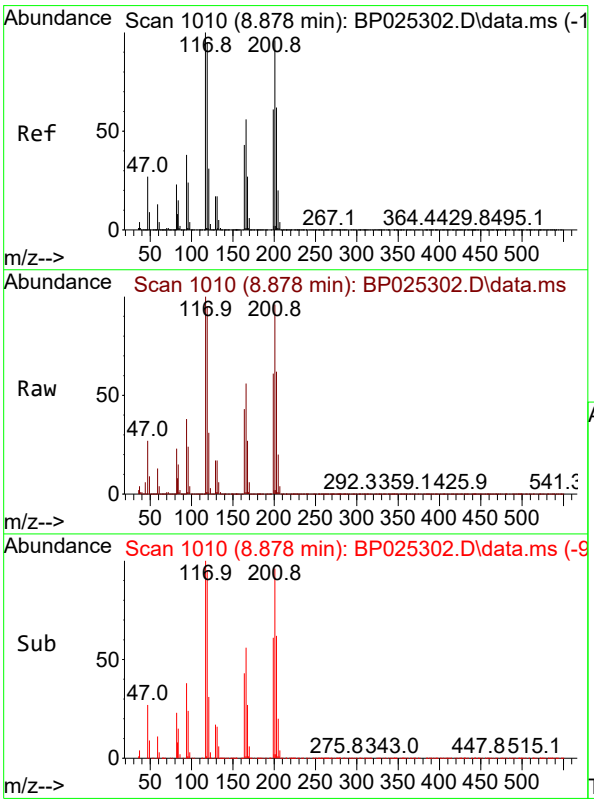
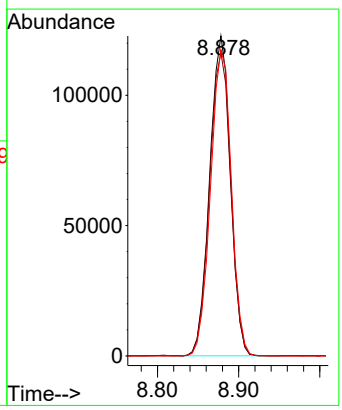
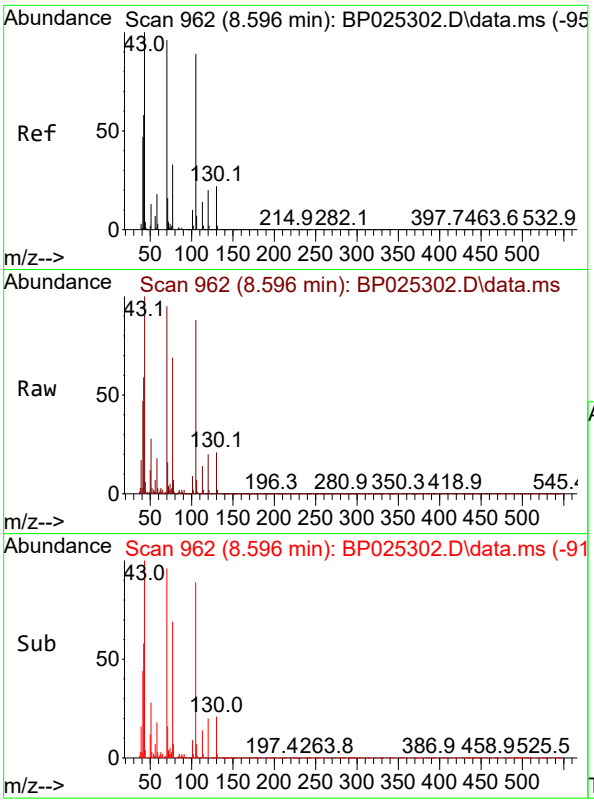


#18
Hexachloroethane
Concen: 39.037 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:117 Resp: 218135

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	95.7	76.6	114.8

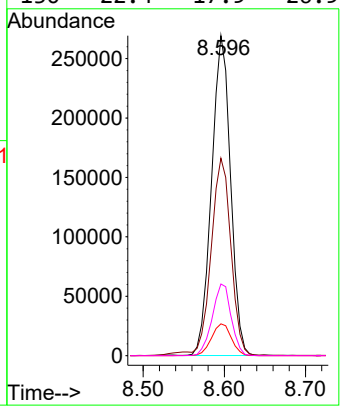




#19
n-Nitroso-di-n-propylamine
Concen: 40.160 ng
RT: 8.596 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 70 Resp: 43605(

Ion	Ratio	Lower	Upper
70	100		
42	61.7	49.4	74.0
101	9.9	7.9	11.9
130	22.4	17.9	26.9



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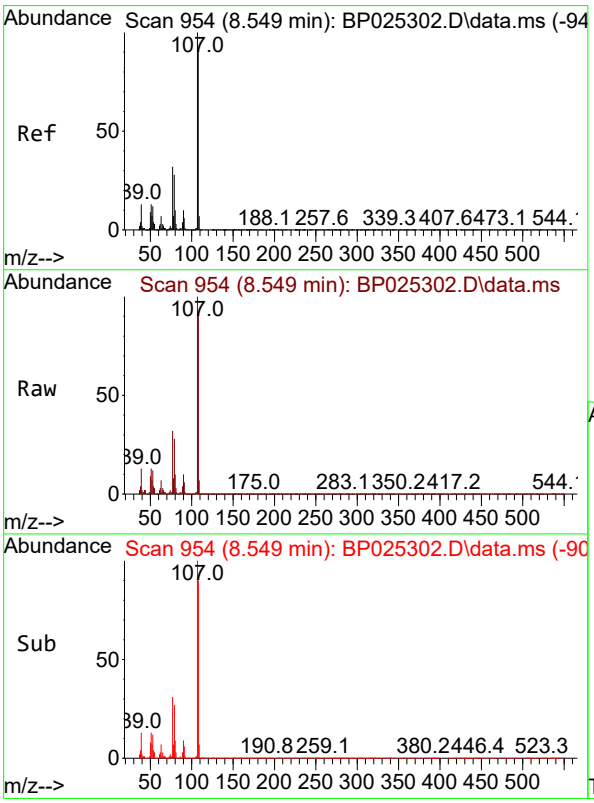
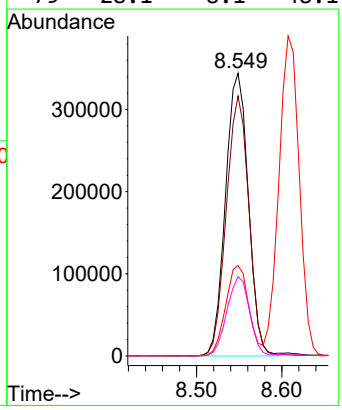
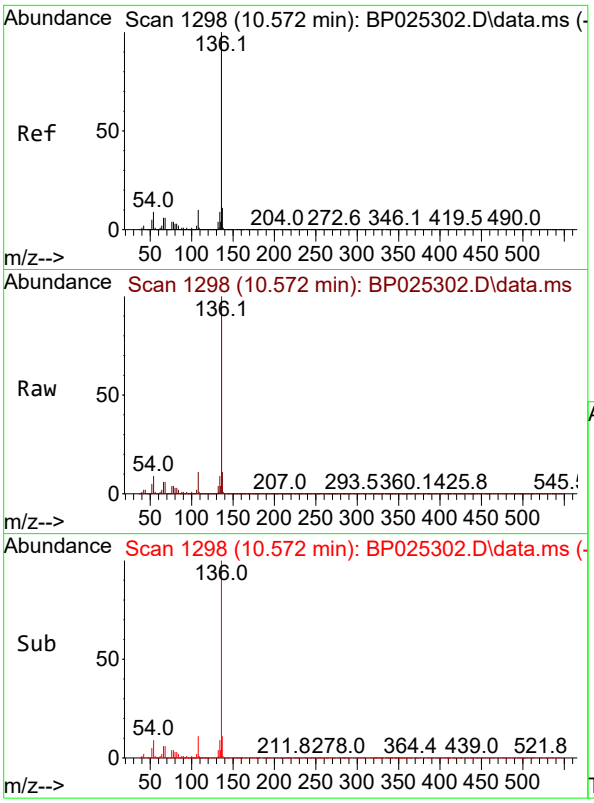


#20
3+4-Methylphenols
Concen: 39.342 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:107 Resp: 640969

Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.9	111.9
77	32.0	12.0	52.0
79	28.1	8.1	48.1

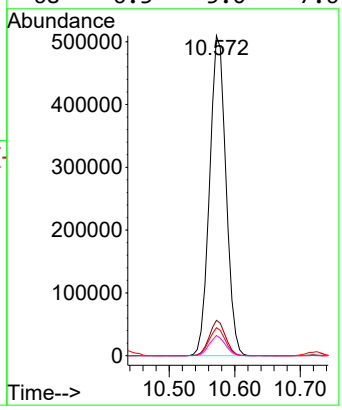




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:136 Resp: 88064

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	7.0	10.6
68	6.3	5.0	7.6



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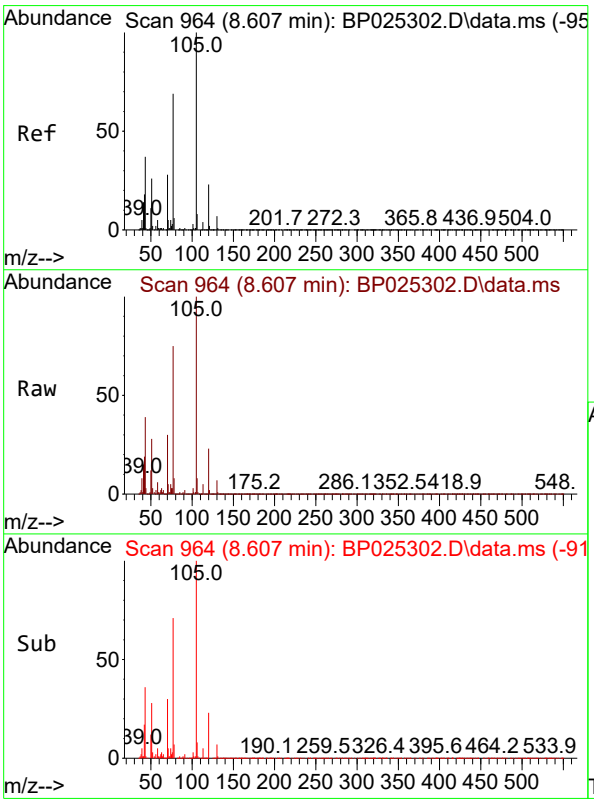
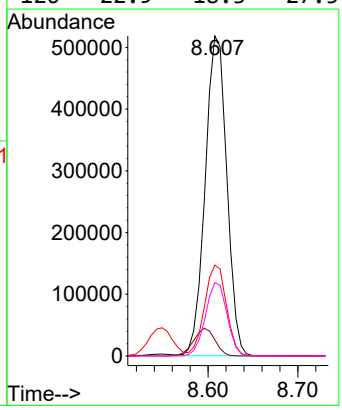
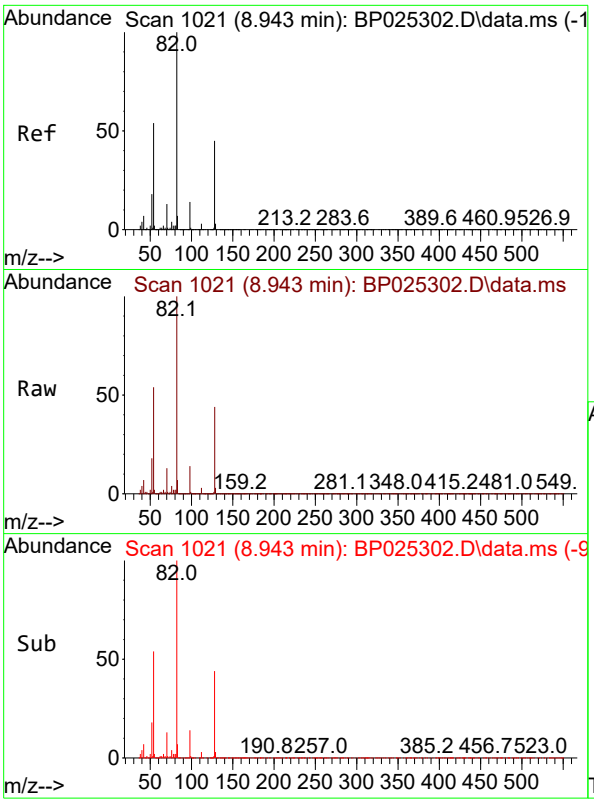


#22
Acetophenone
Concen: 39.255 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:105 Resp: 867835

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.1	6.1
51	28.4	22.7	34.1
120	22.9	18.3	27.5

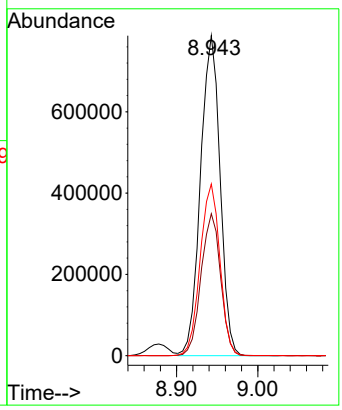




#23
Nitrobenzene-d5
Concen: 80.869 ng
RT: 8.943 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 82 Resp: 131625

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.4	53.2
54	53.6	42.9	64.3



Instrument :
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ClientSampleId :
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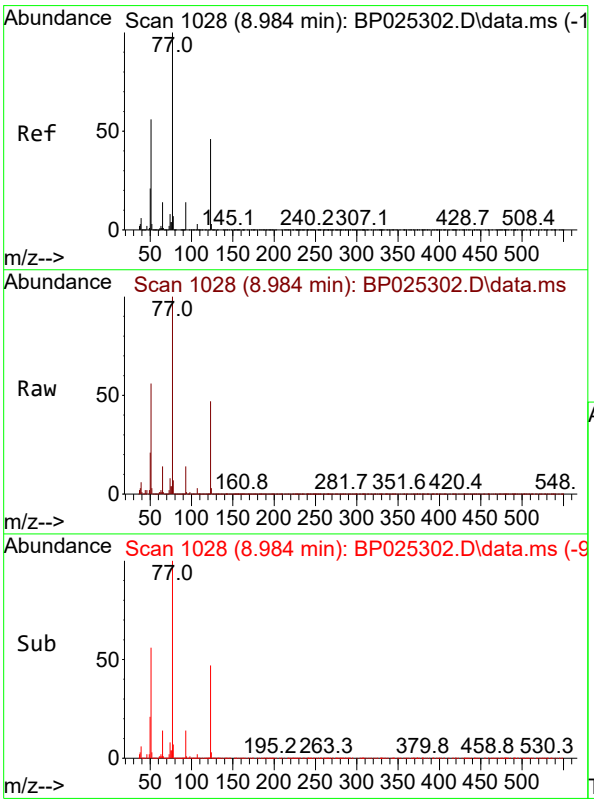
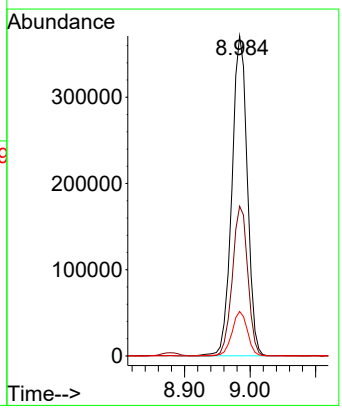
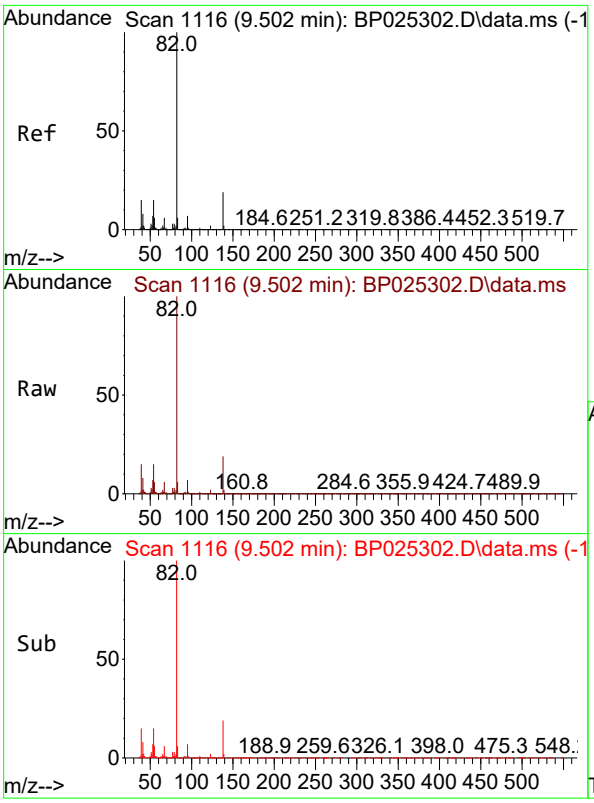


#24
Nitrobenzene
Concen: 40.280 ng
RT: 8.984 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 77 Resp: 606097

Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.4	56.2
65	13.9	11.1	16.7

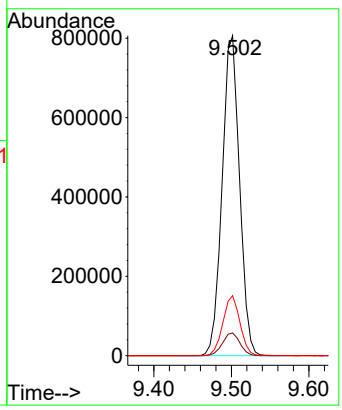




#25
Isophorone
Concen: 39.682 ng
RT: 9.502 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 82 Resp: 125561

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	18.8	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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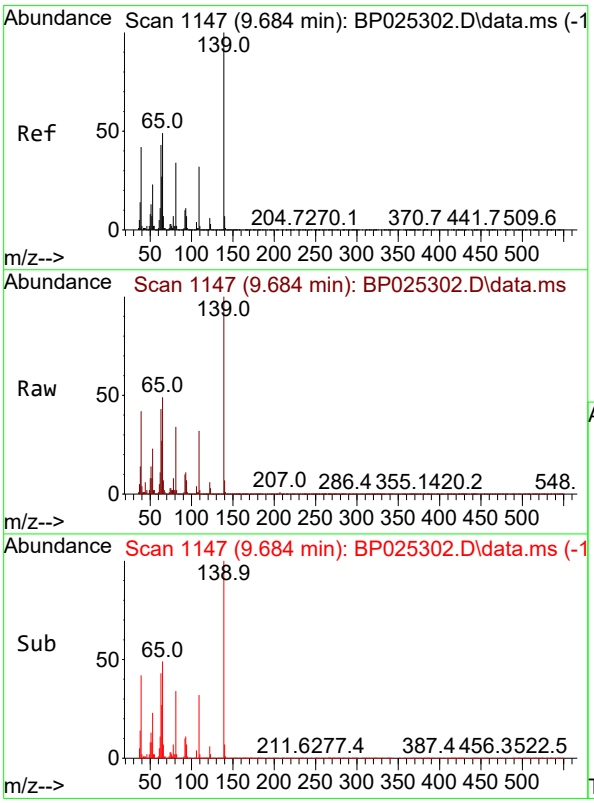
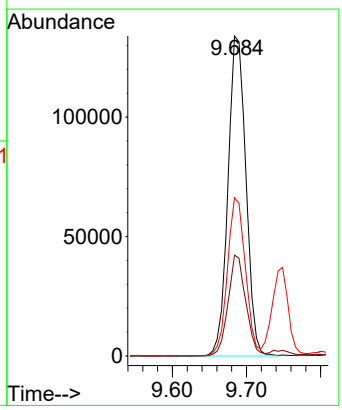
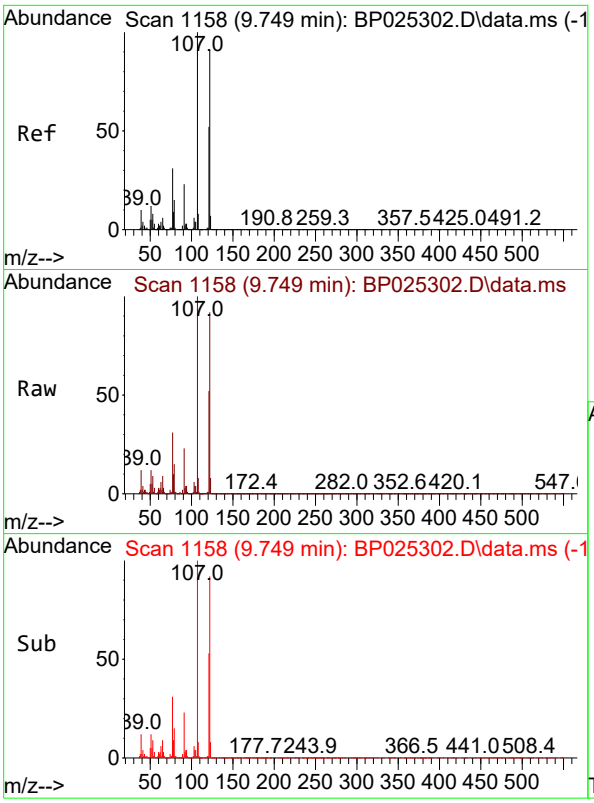


#26
2-Nitrophenol
Concen: 35.376 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:139 Resp: 225091

Ion	Ratio	Lower	Upper
139	100		
109	31.5	25.2	37.8
65	49.5	39.6	59.4

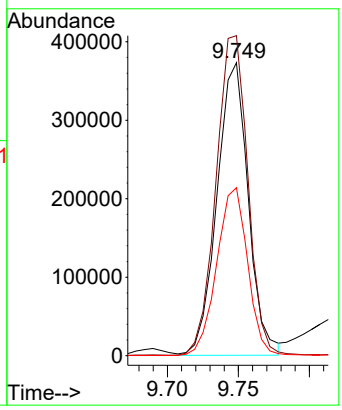




#27
2,4-Dimethylphenol
Concen: 39.137 ng
RT: 9.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:122 Resp: 57093

Ion	Ratio	Lower	Upper
122	100		
107	109.2	87.4	131.0
121	57.3	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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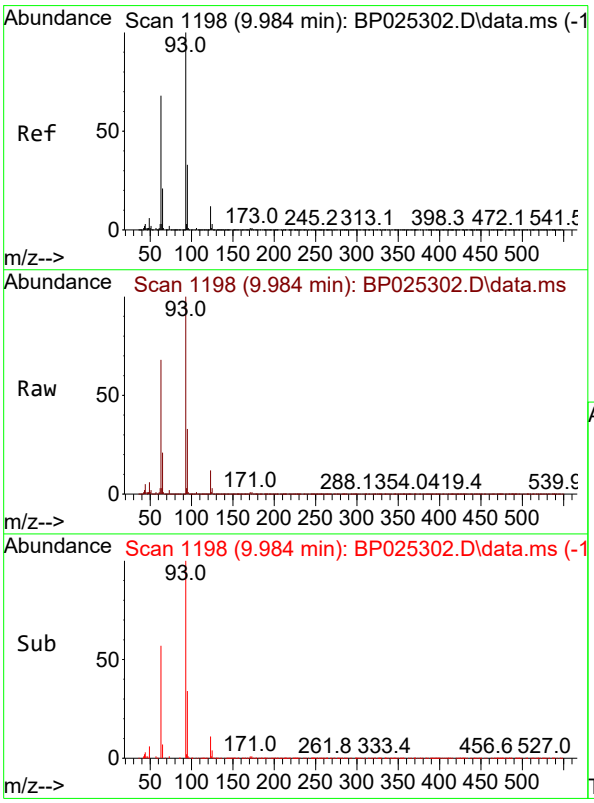
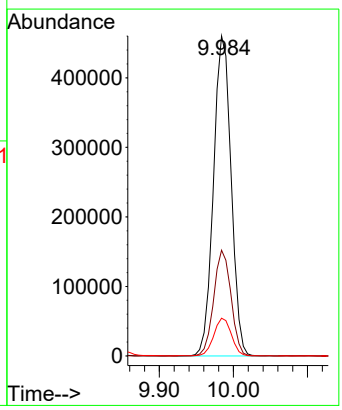
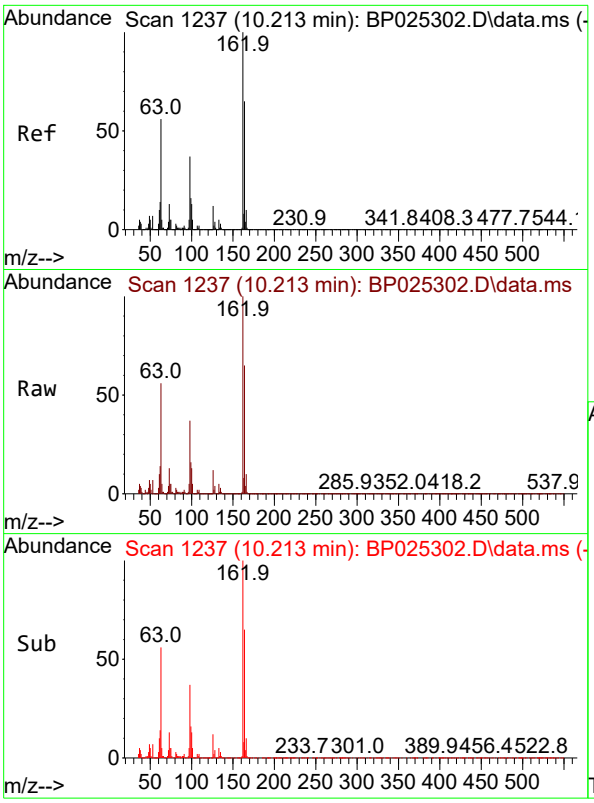


#28
bis(2-Chloroethoxy)methane
Concen: 39.476 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 93 Resp: 759841

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.8	9.4	14.2

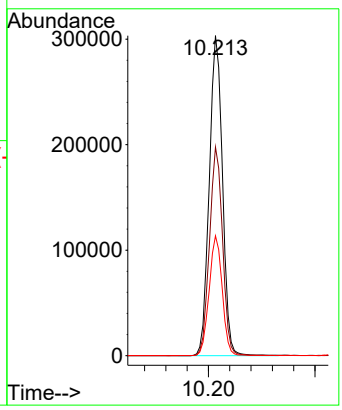




#29
2,4-Dichlorophenol
Concen: 40.884 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:162 Resp: 52215

Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.2	85.2
98	37.5	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
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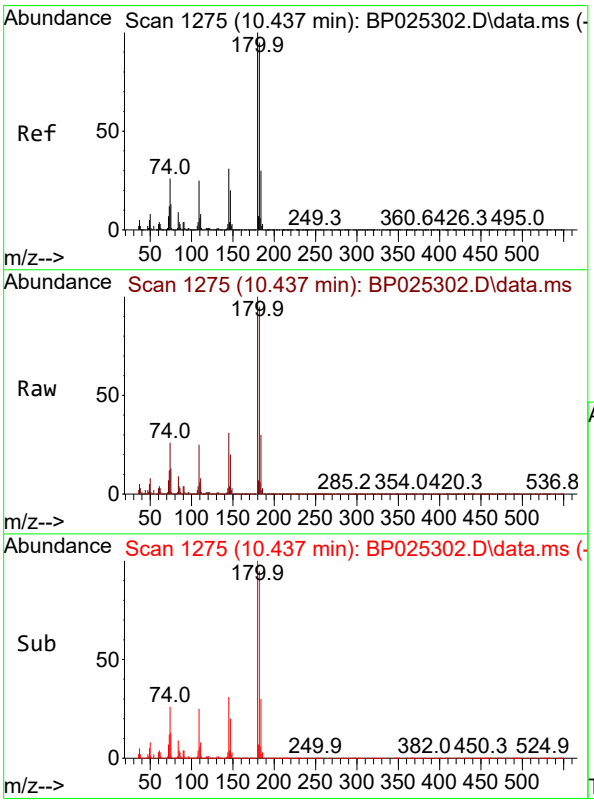
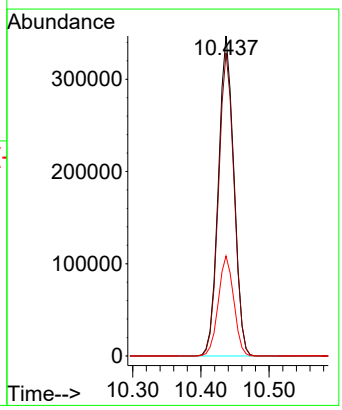
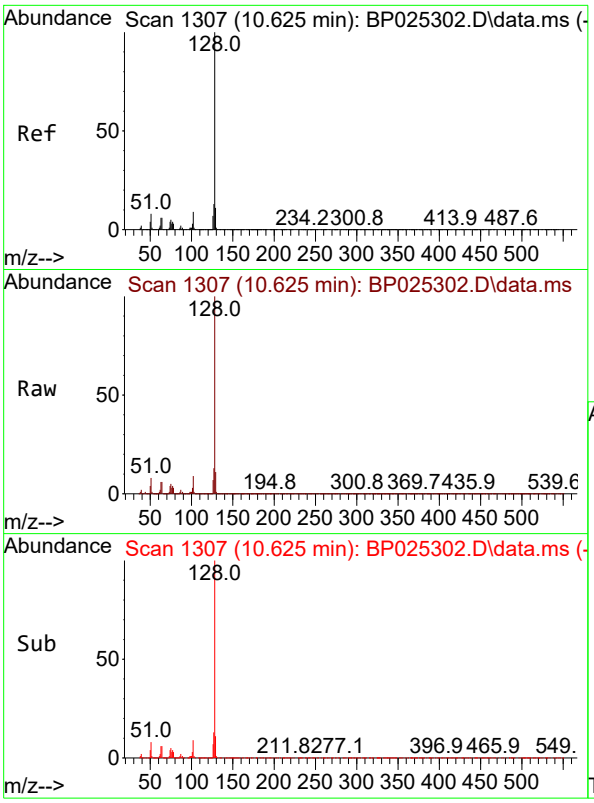


#30
1,2,4-Trichlorobenzene
Concen: 38.956 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:180 Resp: 548893

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	31.2	25.0	37.4

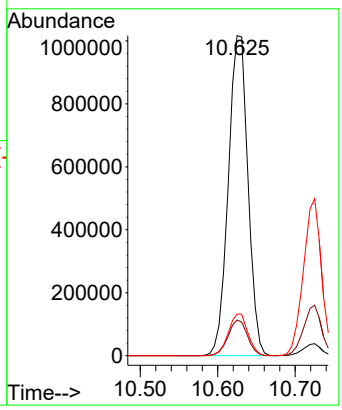




#31
Naphthalene
Concen: 39.178 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:128 Resp: 179108

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.0	10.4	15.6



Instrument :
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ClientSampleId :
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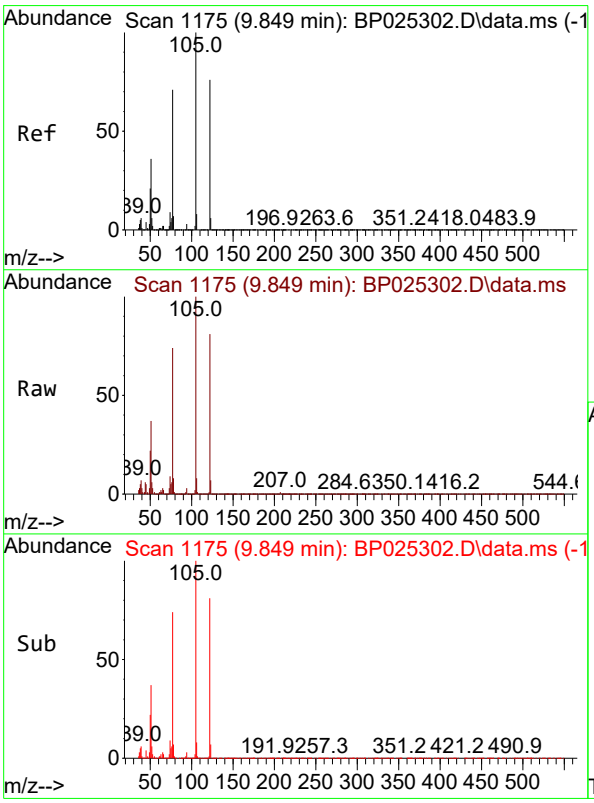
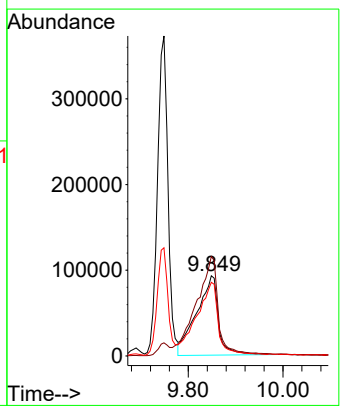
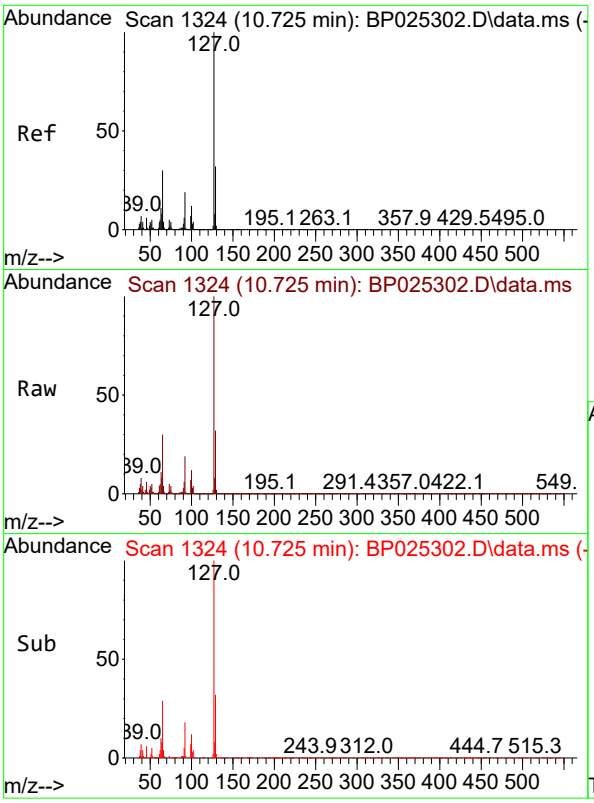


#32
Benzoic acid
Concen: 38.952 ng
RT: 9.849 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:122 Resp: 297213

Ion	Ratio	Lower	Upper
122	100		
105	124.0	104.0	144.0
77	91.8	71.8	111.8

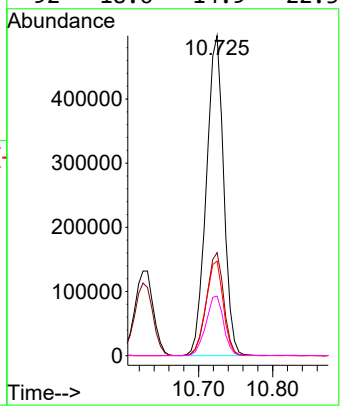




#33
4-Chloroaniline
Concen: 39.774 ng
RT: 10.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:127 Resp: 80871

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	29.5	23.6	35.4
92	18.6	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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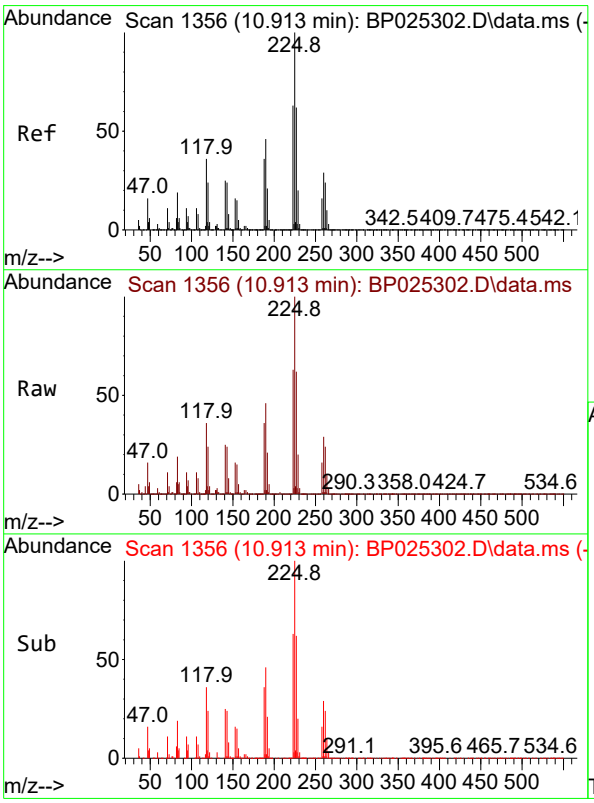
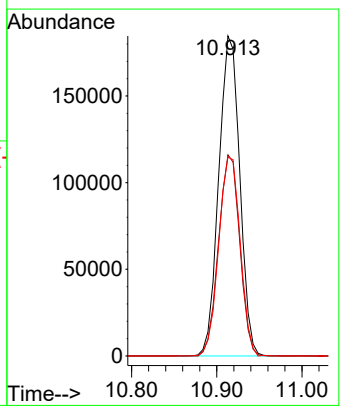
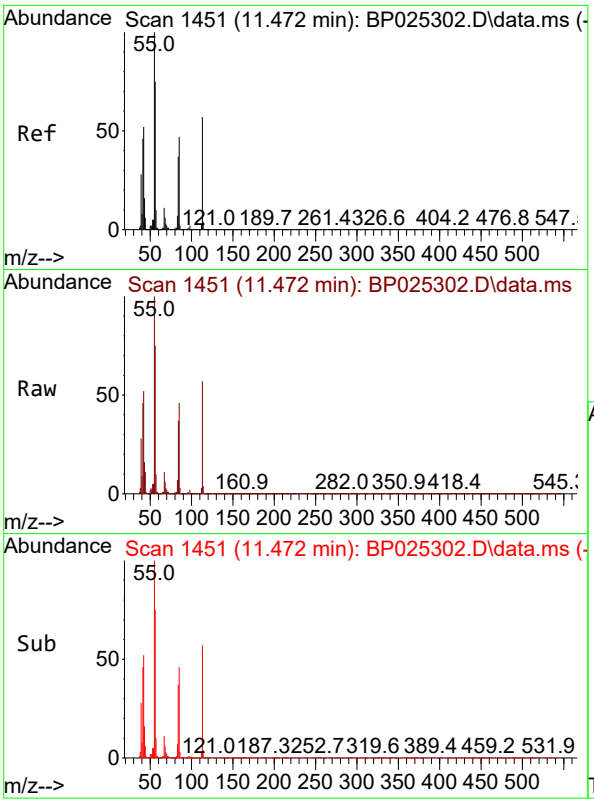


#34
Hexachlorobutadiene
Concen: 39.122 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:225 Resp: 316426

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	62.1	49.7	74.5

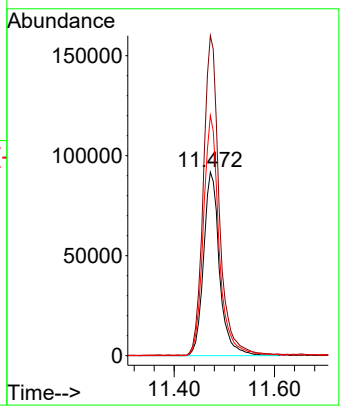




#35
Caprolactam
Concen: 40.802 ng
RT: 11.472 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:113 Resp: 20260

Ion	Ratio	Lower	Upper
113	100		
55	174.4	154.4	194.4
56	130.9	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
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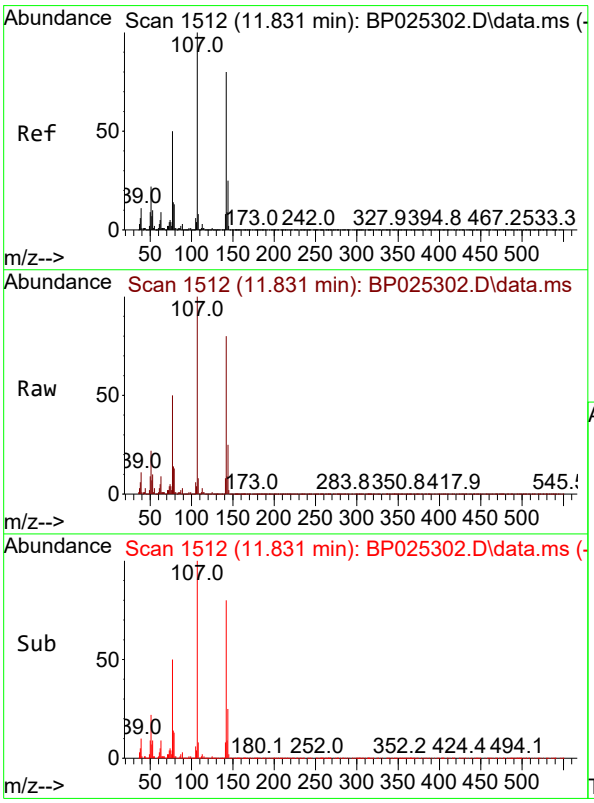
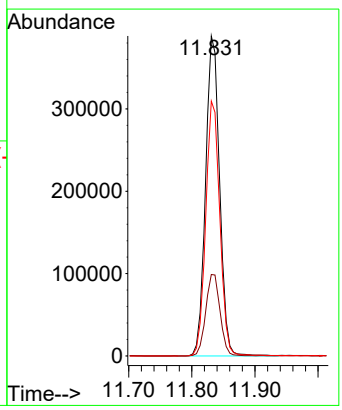
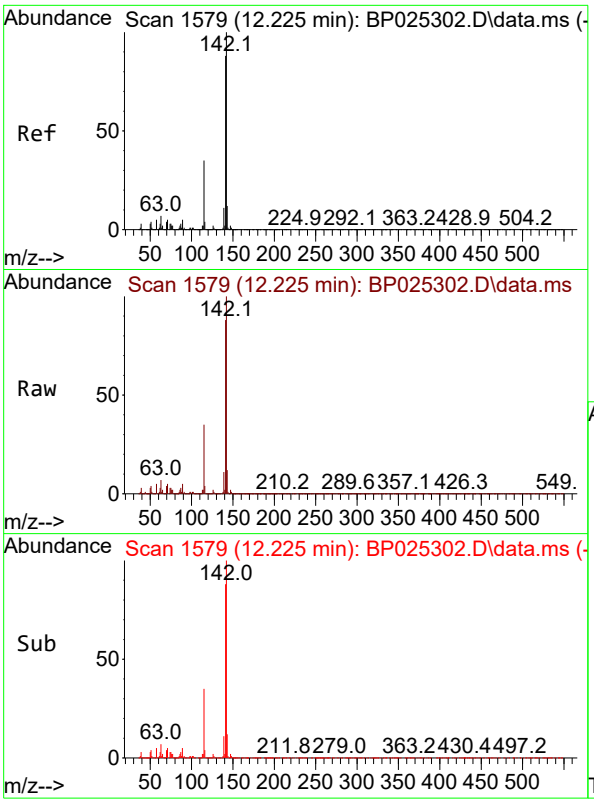


#36
4-Chloro-3-methylphenol
Concen: 40.617 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:107 Resp: 600241

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	79.6	63.7	95.5

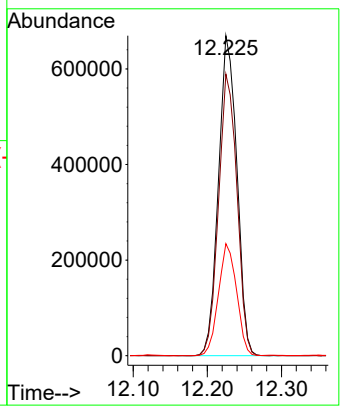




#37
2-Methylnaphthalene
Concen: 39.028 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:142 Resp: 115483

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	35.0	28.0	42.0



Instrument :
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ClientSampleId :
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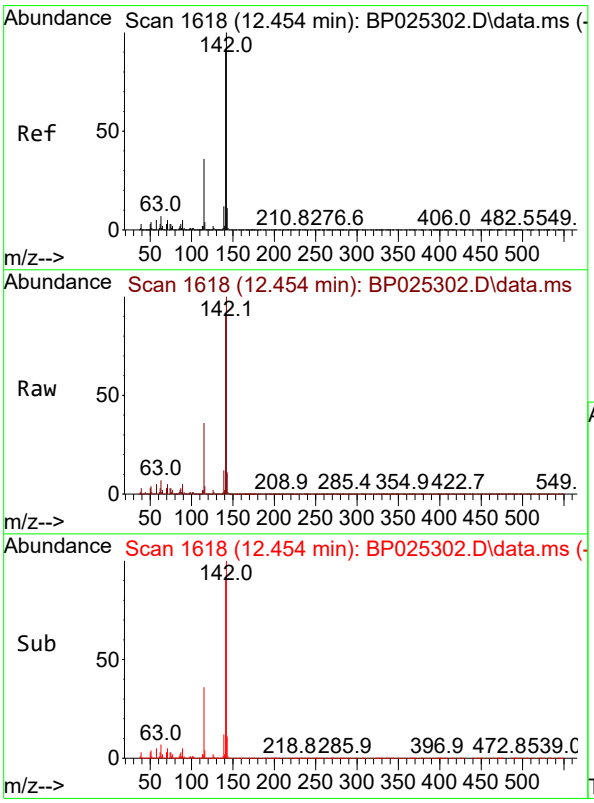
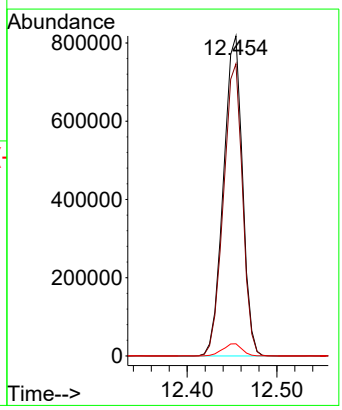
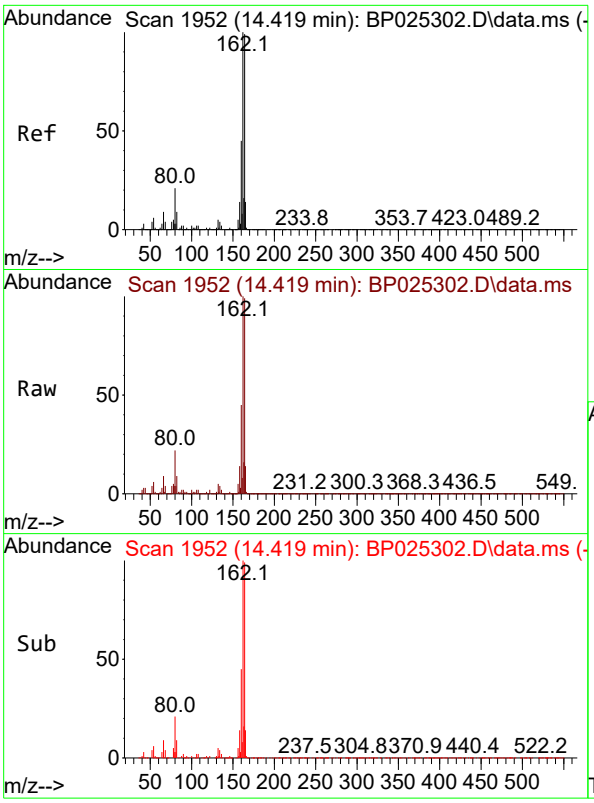


#38
1-Methylnaphthalene
Concen: 39.032 ng
RT: 12.454 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:142 Resp: 1205124

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6
116	3.8	3.0	4.6

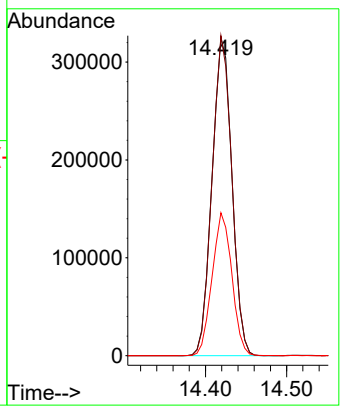




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:164 Resp: 55428

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.9	35.9	53.9



Instrument :
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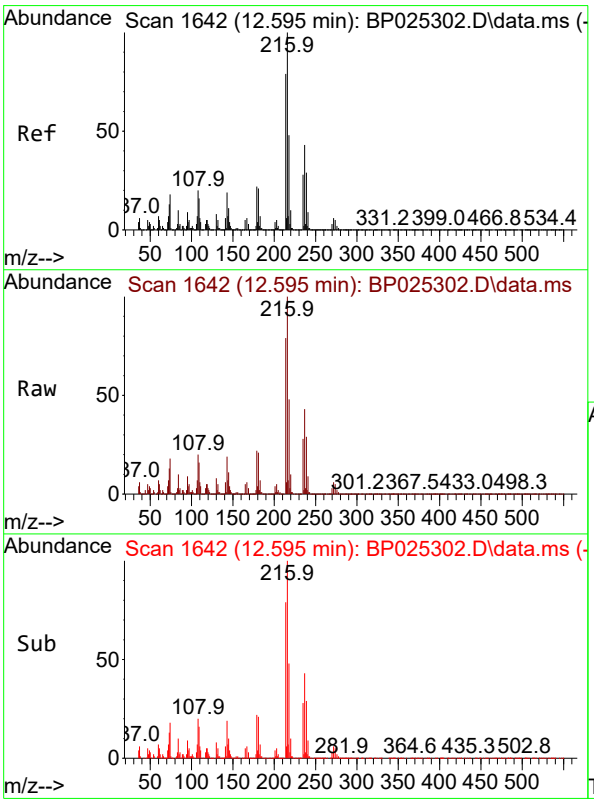
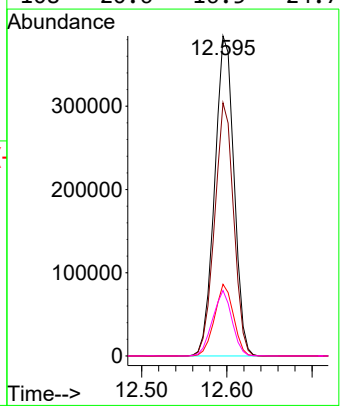
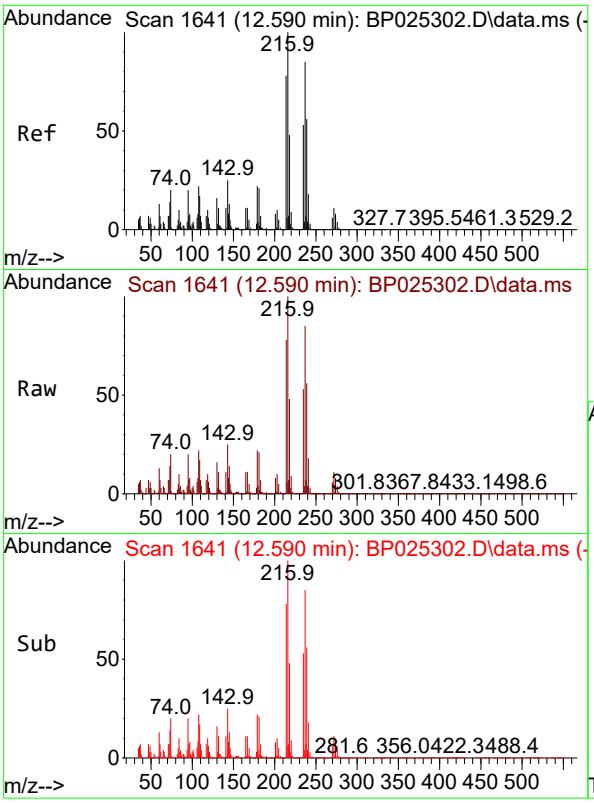


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.051 ng
RT: 12.595 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:216 Resp: 606083

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	21.9	17.5	26.3
108	20.6	16.5	24.7

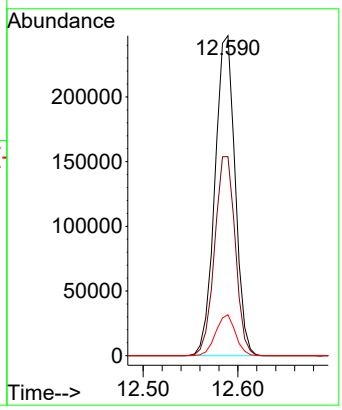




#41
Hexachlorocyclopentadiene
Concen: 39.278 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:237 Resp: 36685

Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.2	82.2
272	12.8	0.0	32.8



Instrument :
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ClientSampleId :
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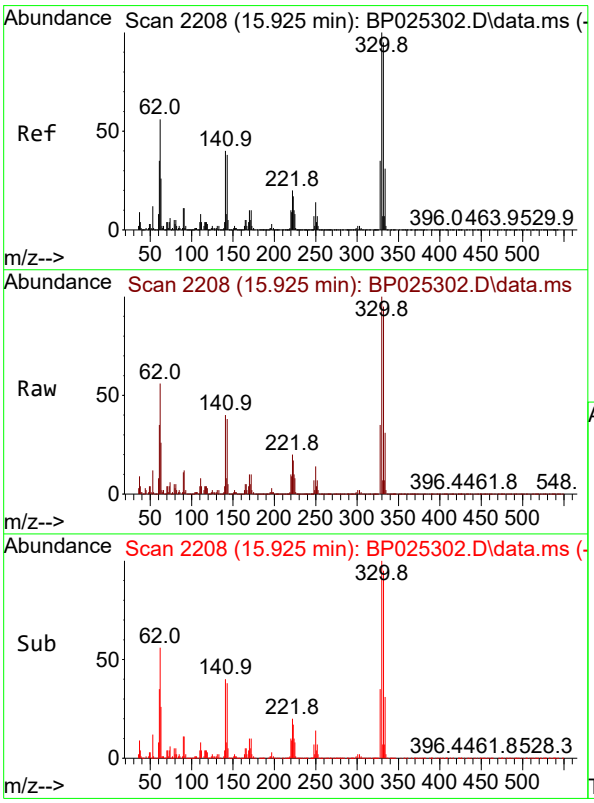
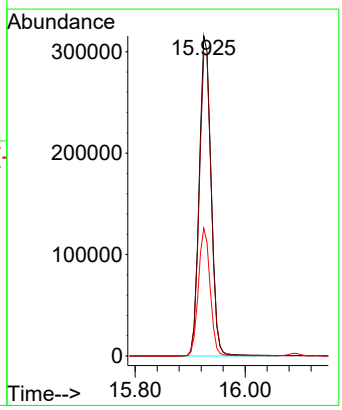
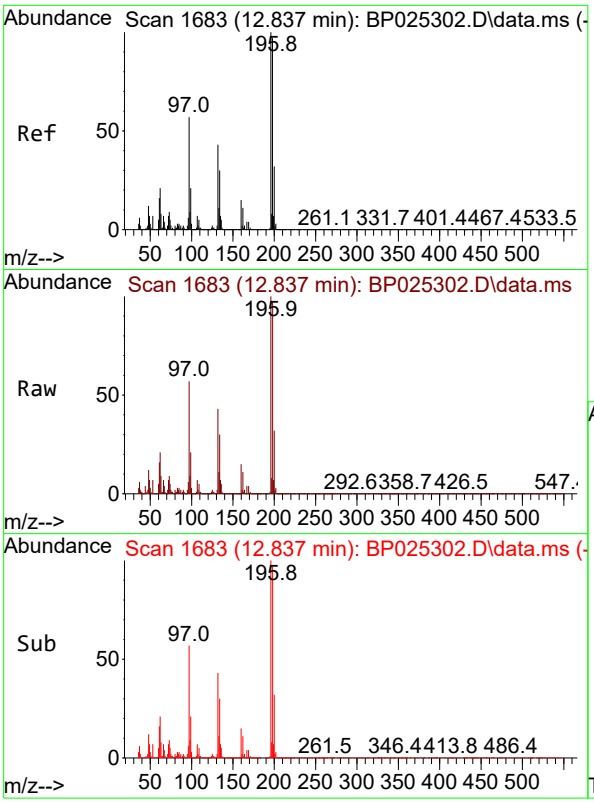


#42
2,4,6-Tribromophenol
Concen: 82.296 ng
RT: 15.925 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:330 Resp: 470979

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	39.6	31.7	47.5

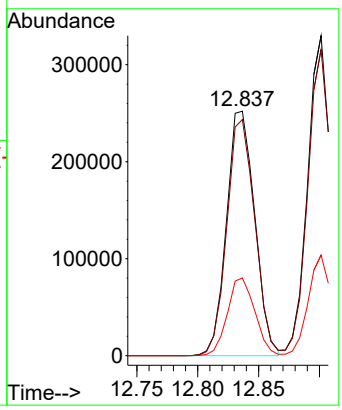




#43
2,4,6-Trichlorophenol
Concen: 41.576 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:196 Resp: 40643

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
200	31.8	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
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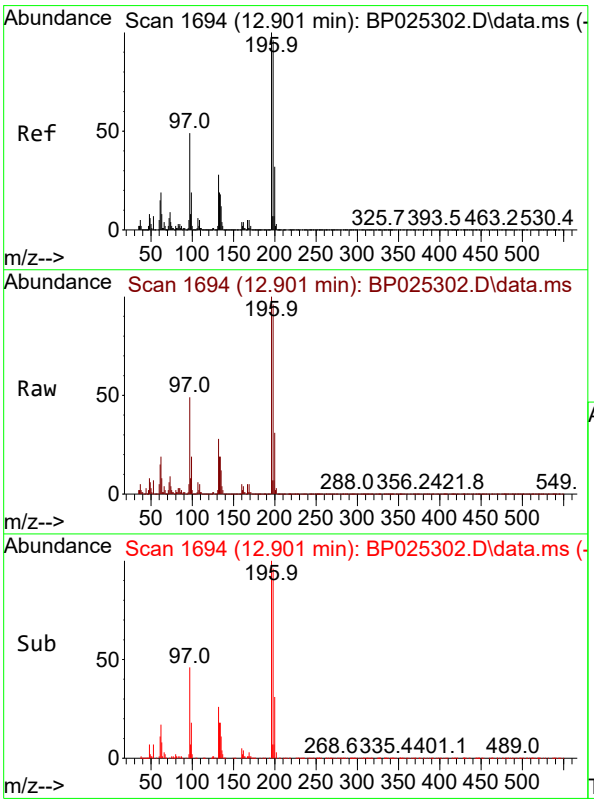
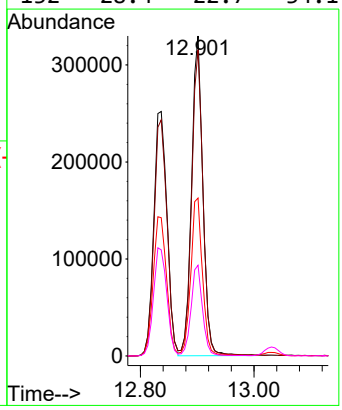
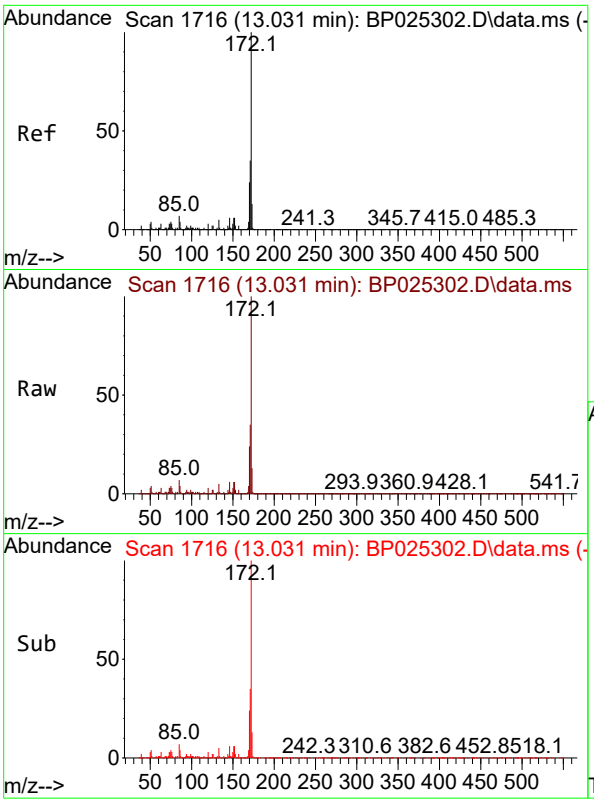


#44
2,4,5-Trichlorophenol
Concen: 41.667 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:196 Resp: 456928

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	114.8
97	49.4	39.5	59.3
132	28.4	22.7	34.1

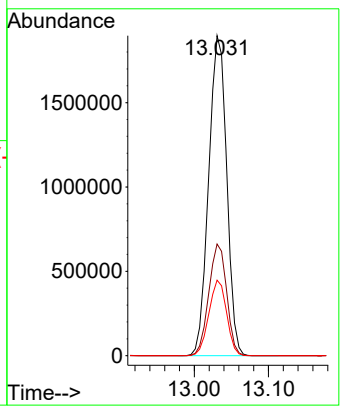




#45
2-Fluorobiphenyl
Concen: 80.179 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:172 Resp: 320051

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.6	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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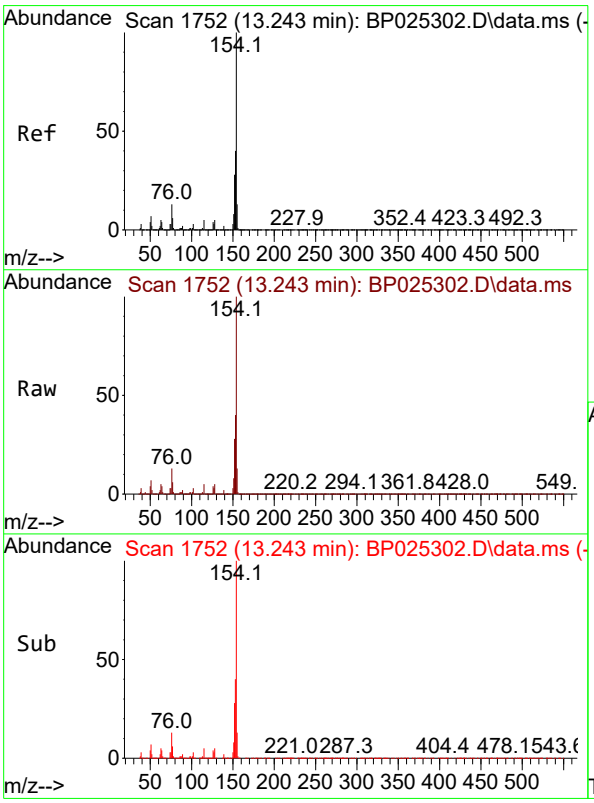
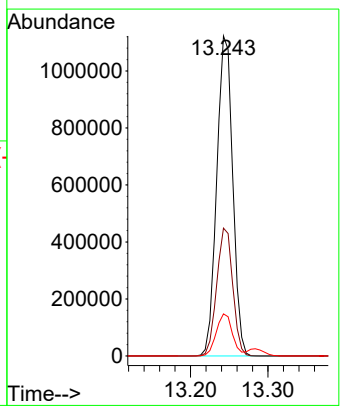
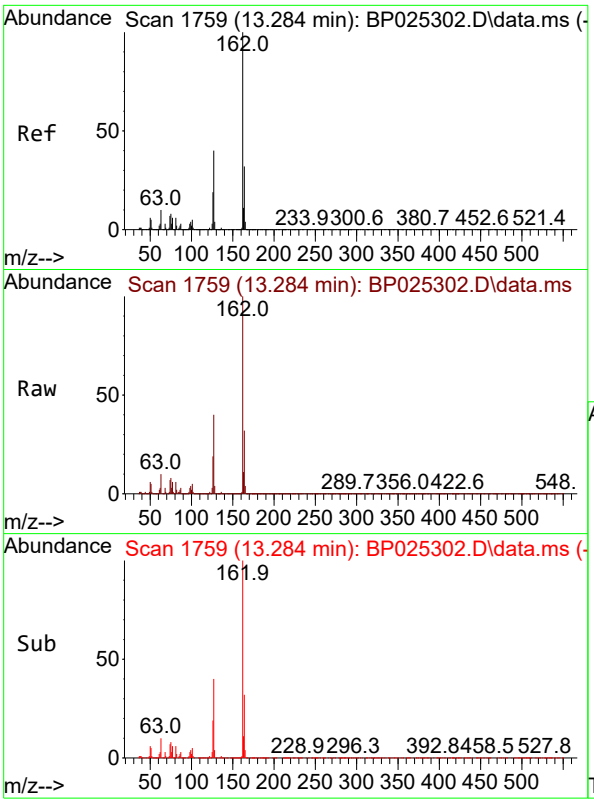


#46
1,1'-Biphenyl
Concen: 39.314 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:154 Resp: 1605905

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	13.2	0.0	33.2

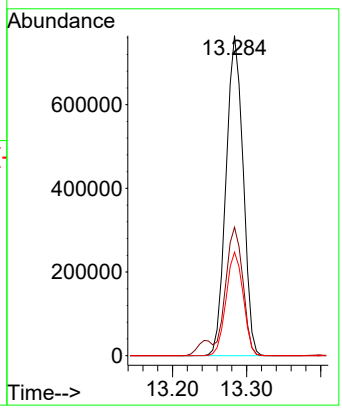




#47
2-Chloronaphthalene
Concen: 39.335 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:162 Resp: 122584

Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.2
164	32.4	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
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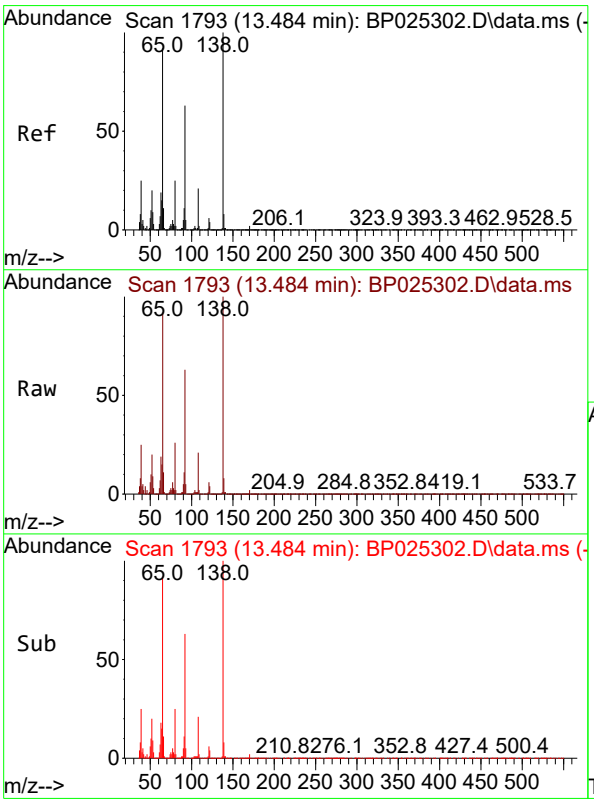
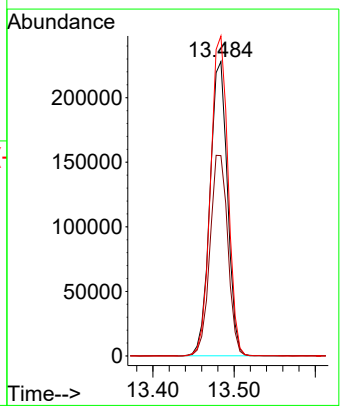
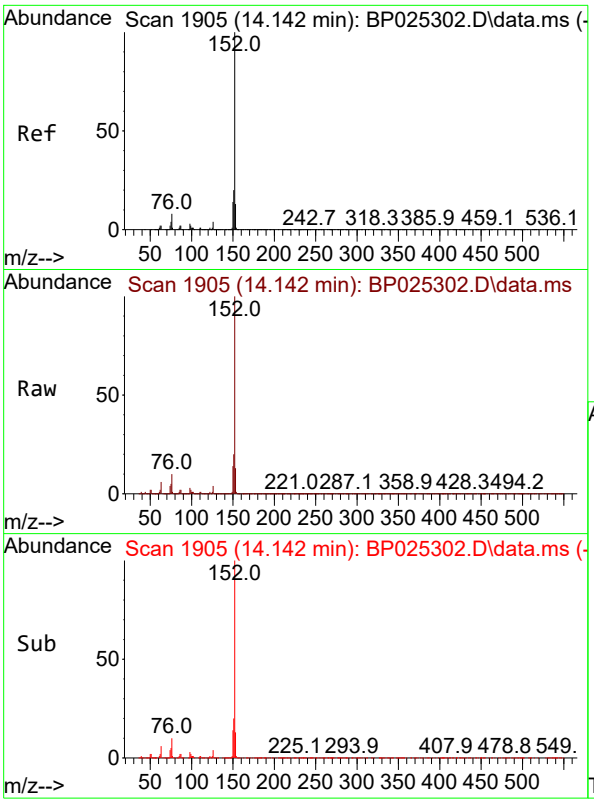


#48
2-Nitroaniline
Concen: 38.066 ng
RT: 13.484 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 65 Resp: 341536

Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.4	81.6
138	108.7	87.0	130.4

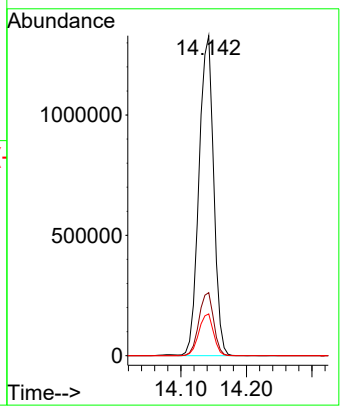




#49
Acenaphthylene
Concen: 39.828 ng
RT: 14.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:152 Resp: 207034

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
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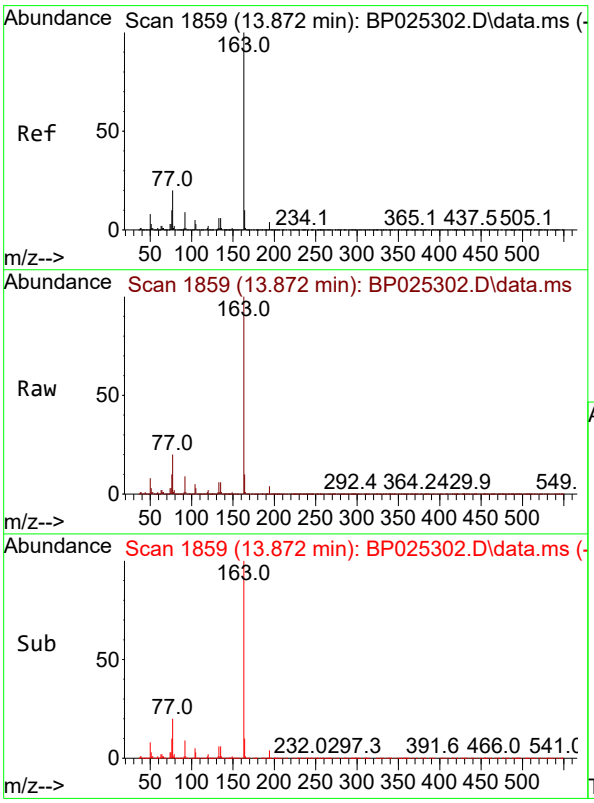
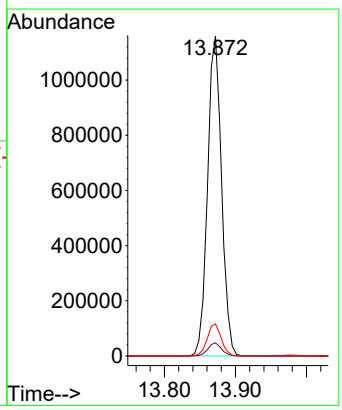
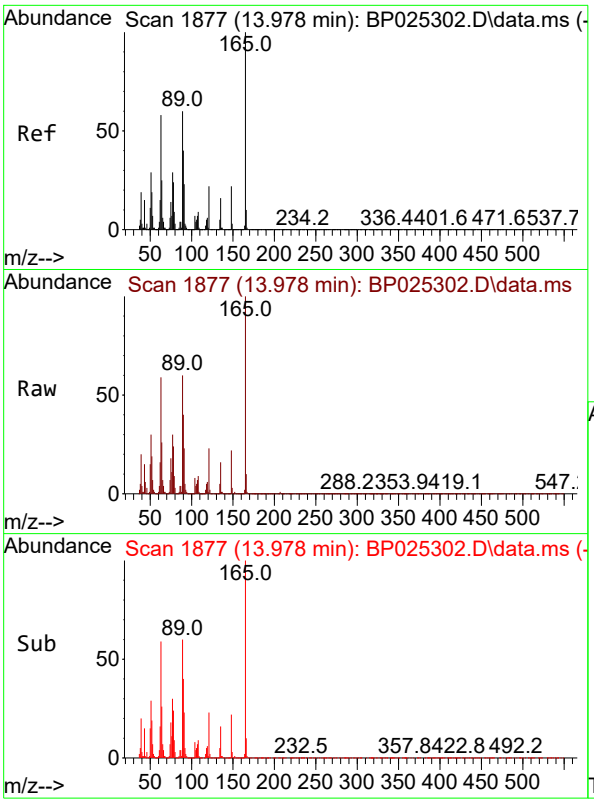


#50
Dimethylphthalate
Concen: 39.258 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:163 Resp: 1586291

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 42.760 ng
RT: 13.978 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:165 Resp: 31870

Ion	Ratio	Lower	Upper
165	100		
63	59.5	47.6	71.4
89	59.8	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
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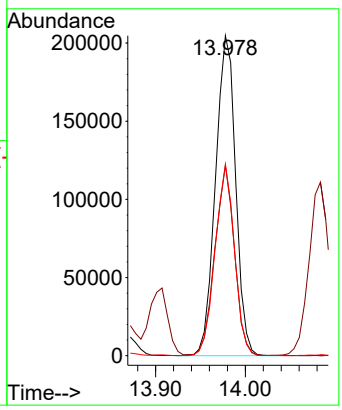
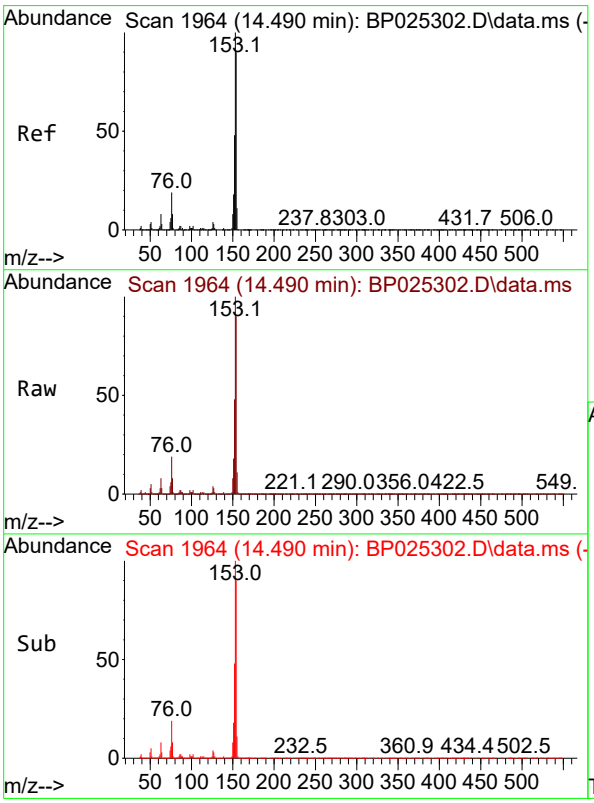
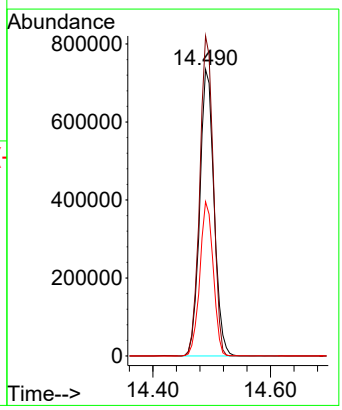


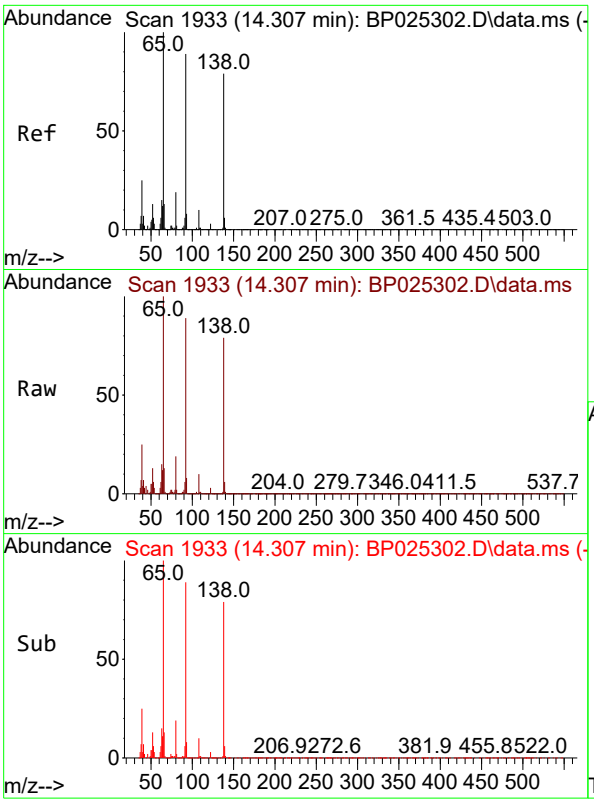


#52
Acenaphthene
Concen: 38.947 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.001 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:154 Resp: 1234915

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.4	134.0
152	53.8	43.0	64.6





#53
3-Nitroaniline
Concen: 42.324 ng
RT: 14.307 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 36912

Ion	Ratio	Lower	Upper
138	100		
108	13.1	10.5	15.7
92	113.6	90.9	136.3

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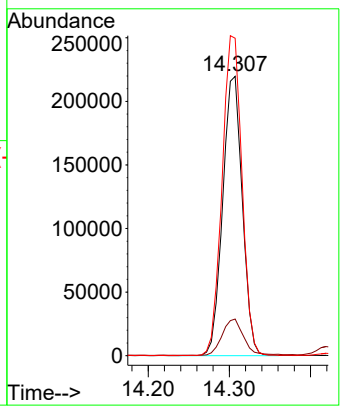
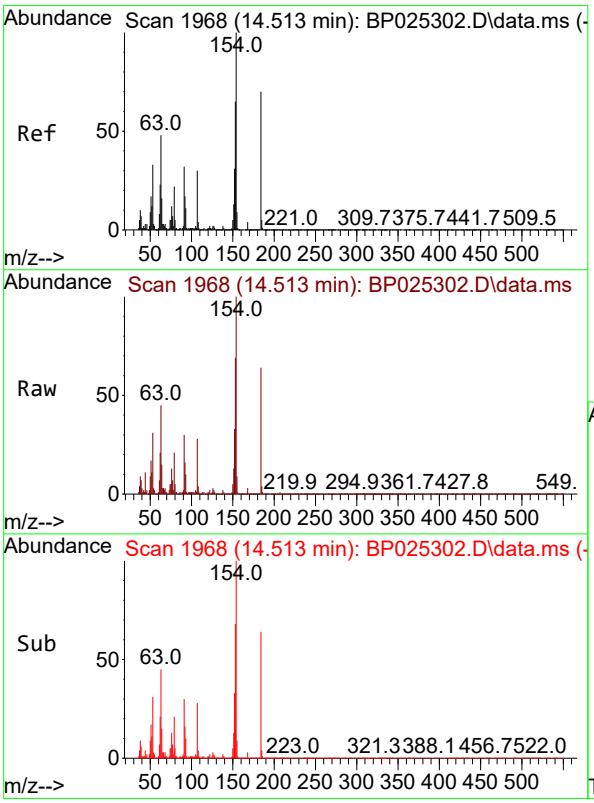
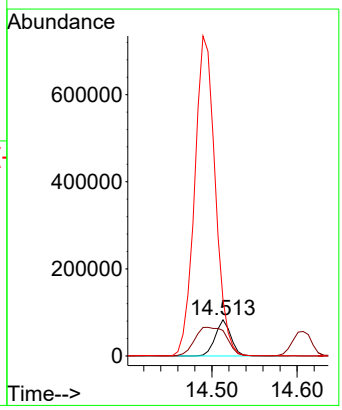


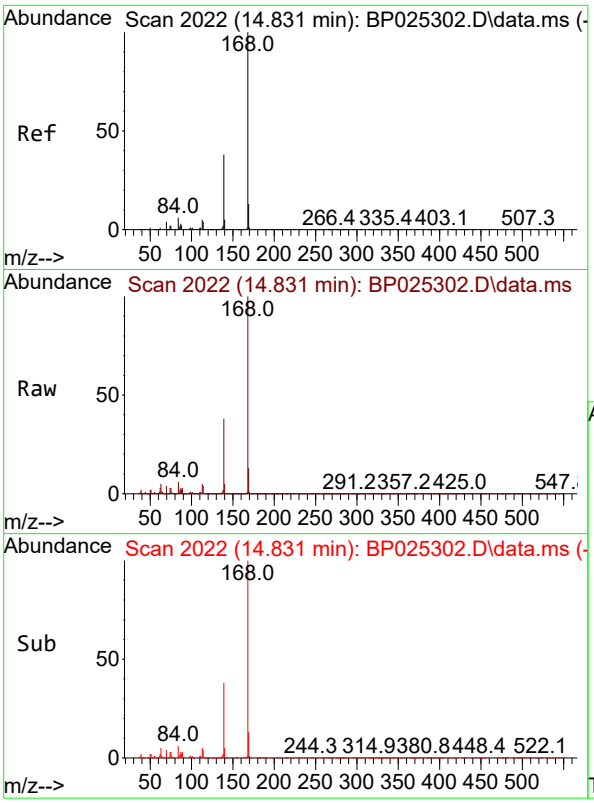


#54
2,4-Dinitrophenol
Concen: 38.143 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:184 Resp: 105656

Ion	Ratio	Lower	Upper
184	100		
63	70.4	56.3	84.5
154	155.6	124.5	186.7

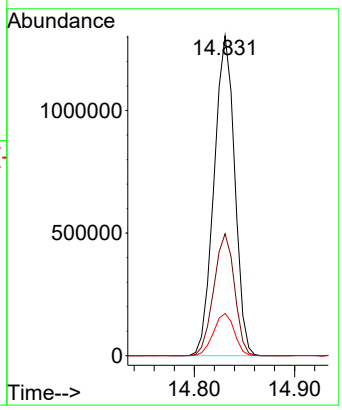




#55
Dibenzofuran
Concen: 39.336 ng
RT: 14.831 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:168 Resp: 186387

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.5	45.7
169	13.2	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
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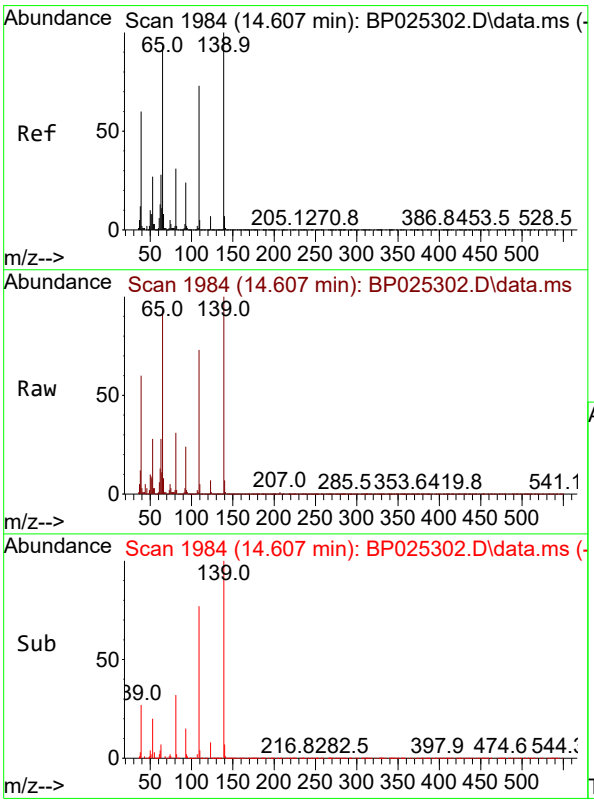
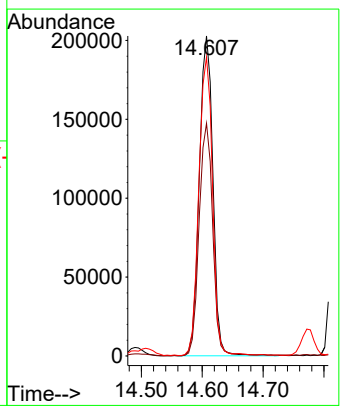
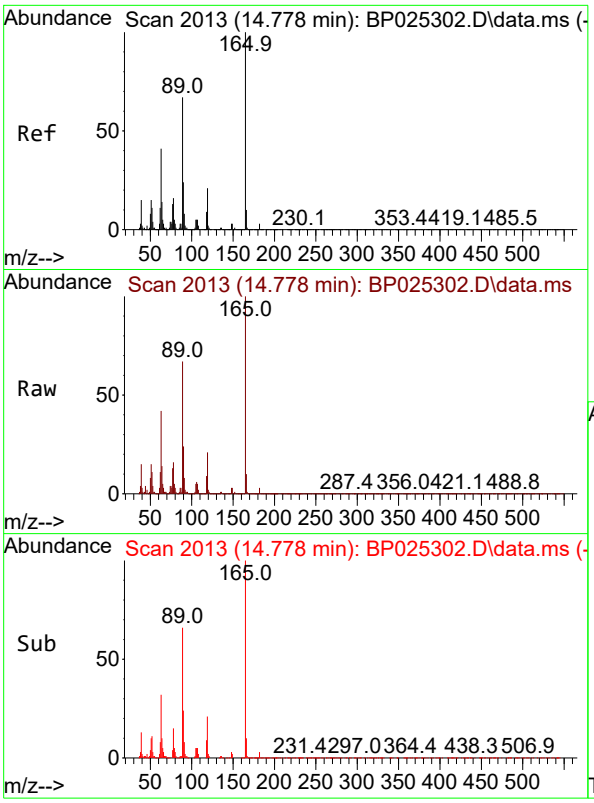


#56
4-Nitrophenol
Concen: 40.848 ng
RT: 14.607 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:139 Resp: 314409

Ion	Ratio	Lower	Upper
139	100		
109	72.7	52.7	92.7
65	93.4	73.4	113.4

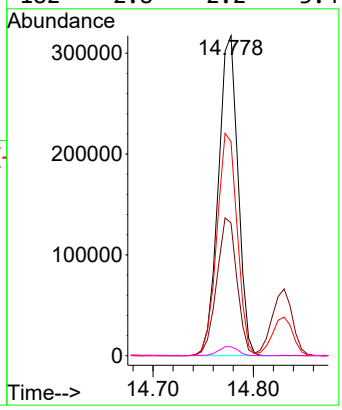




#57
2,4-Dinitrotoluene
Concen: 38.103 ng
RT: 14.778 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:165 Resp: 43191

Ion	Ratio	Lower	Upper
165	100		
63	41.5	33.2	49.8
89	66.9	53.5	80.3
182	2.8	2.2	3.4



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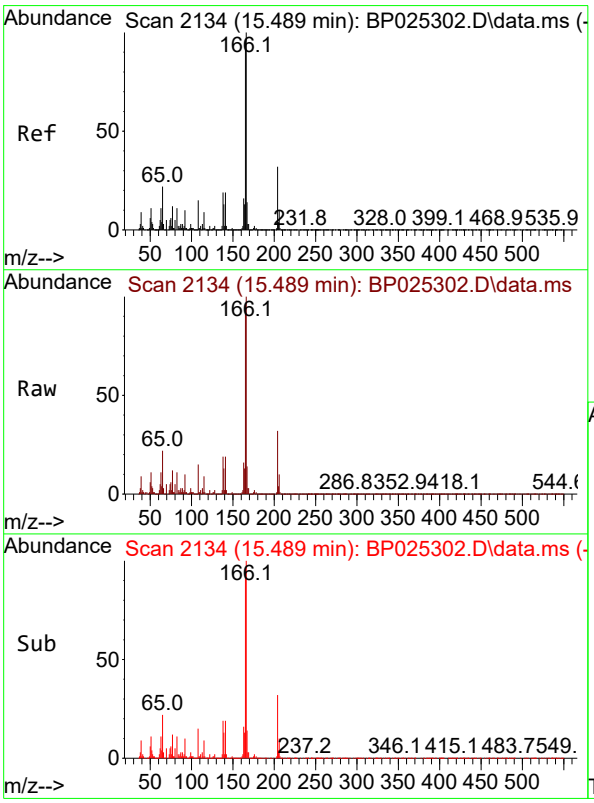
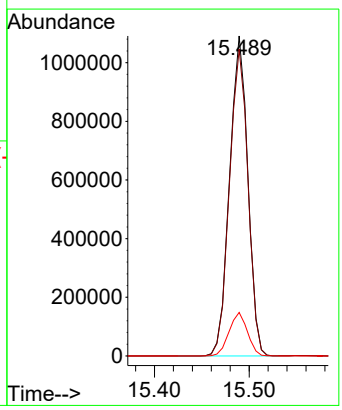
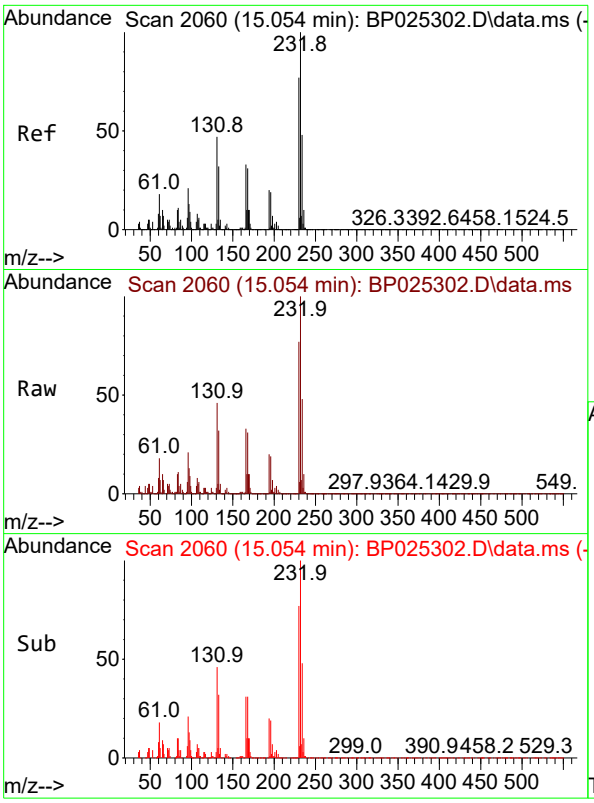


#58
Fluorene
Concen: 39.200 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:166 Resp: 1458854

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.7	115.1
167	13.6	10.9	16.3

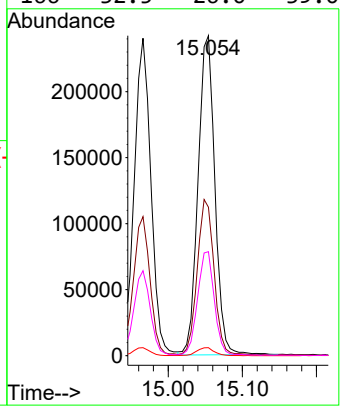




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.372 ng
RT: 15.054 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:232 Resp: 38122

Ion	Ratio	Lower	Upper
232	100		
131	49.1	39.3	58.9
130	2.7	2.2	3.2
166	32.5	26.0	39.0



Instrument :
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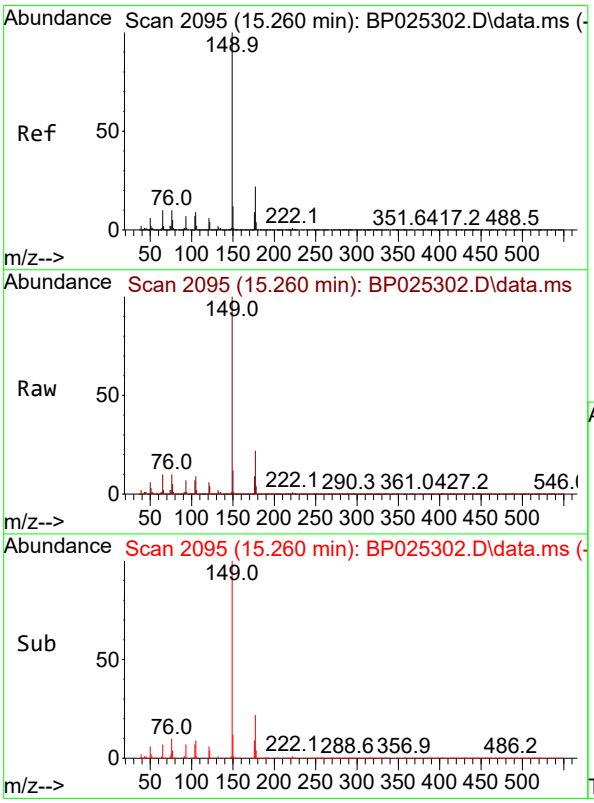
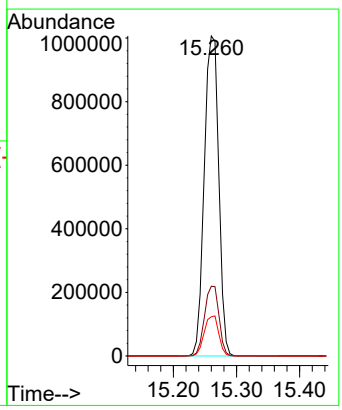
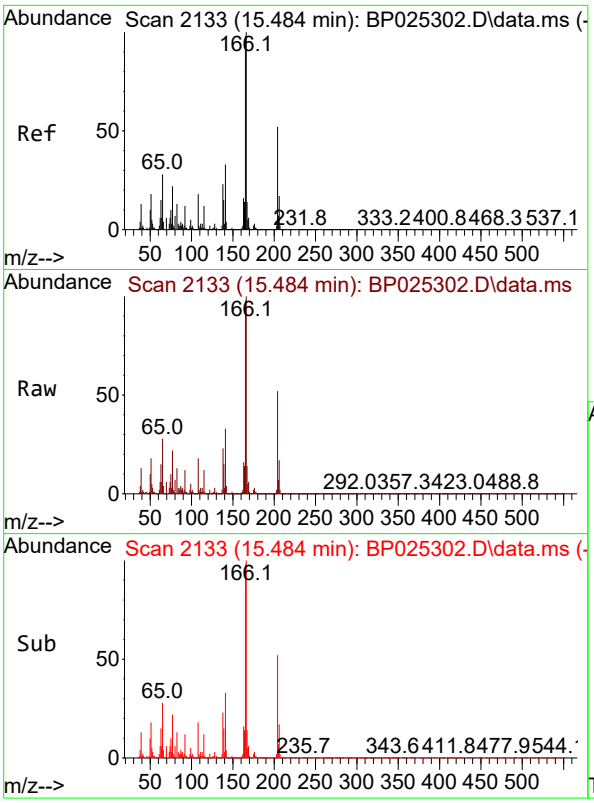


#60
Diethylphthalate
Concen: 39.190 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:149 Resp: 1596506

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.3	9.8	14.8

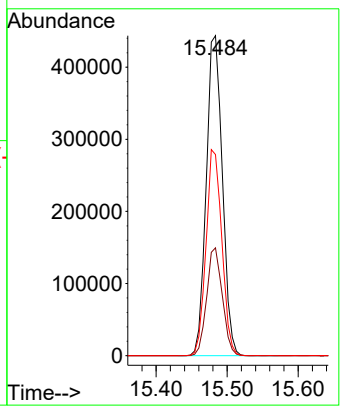




#61
4-Chlorophenyl-phenylether
Concen: 39.626 ng
RT: 15.484 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:204 Resp: 69912

Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.0	40.4
141	62.9	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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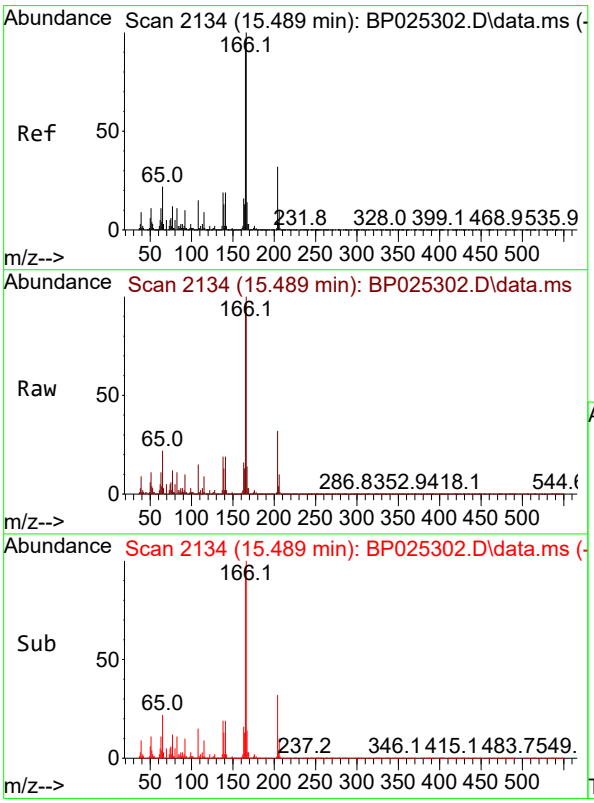
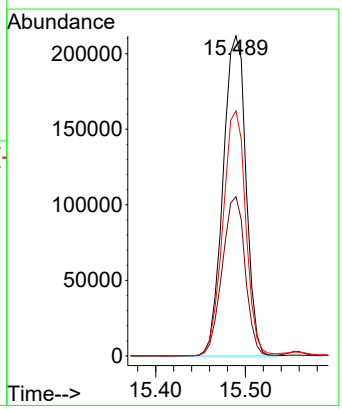
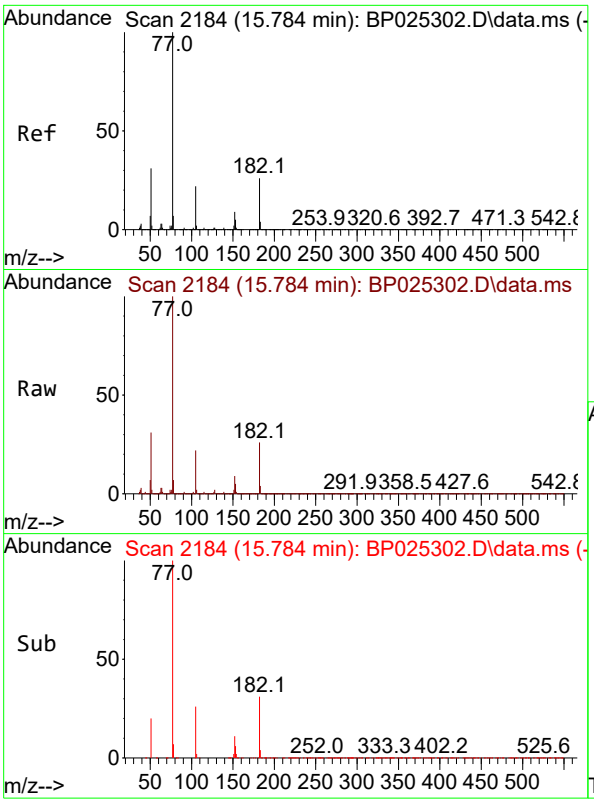


#62
4-Nitroaniline
Concen: 43.373 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:138 Resp: 374812

Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.8	69.8
108	76.6	56.6	96.6

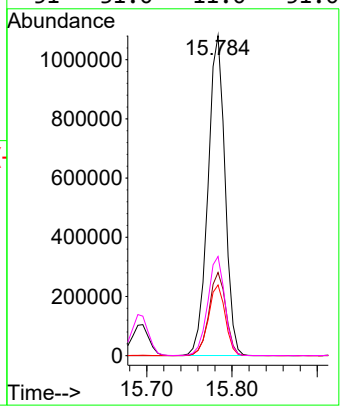




#63
Azobenzene
Concen: 39.565 ng
RT: 15.784 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion: 77 Resp: 149730

Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.0	46.0
105	22.1	2.1	42.1
51	31.0	11.0	51.0



Instrument :
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ClientSampleId :
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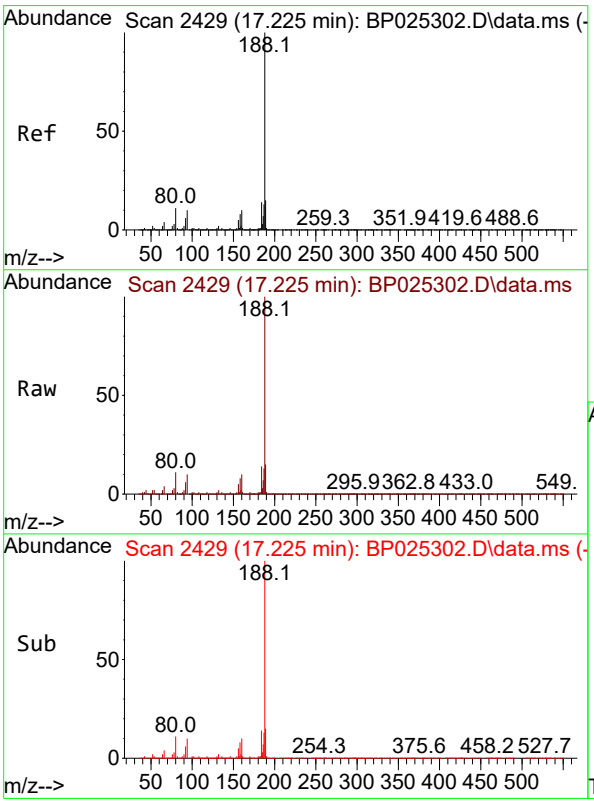
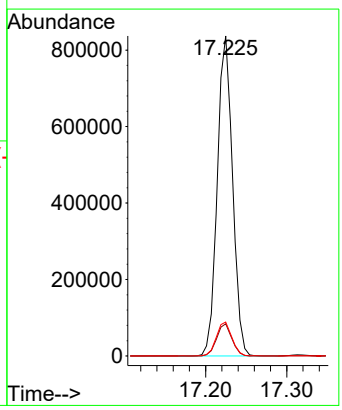
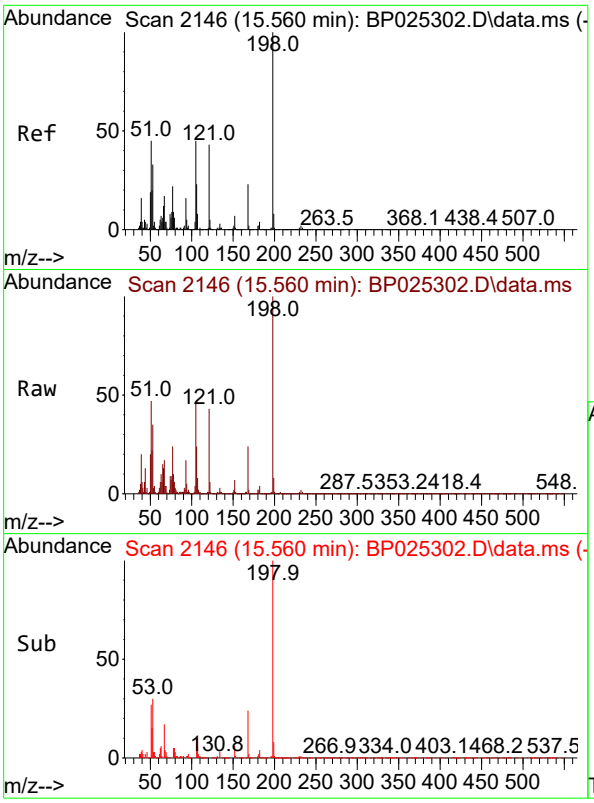


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:188 Resp: 1096367

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	10.6	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 37.407 ng
RT: 15.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:198 Resp: 16514

Ion	Ratio	Lower	Upper
198	100		
51	46.7	26.7	66.7
105	45.6	25.6	65.6

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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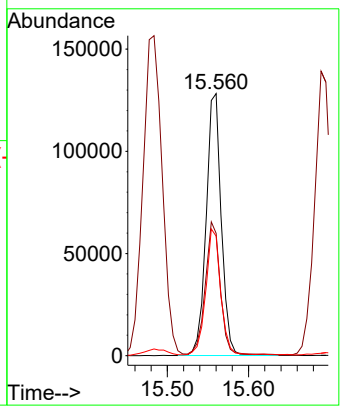
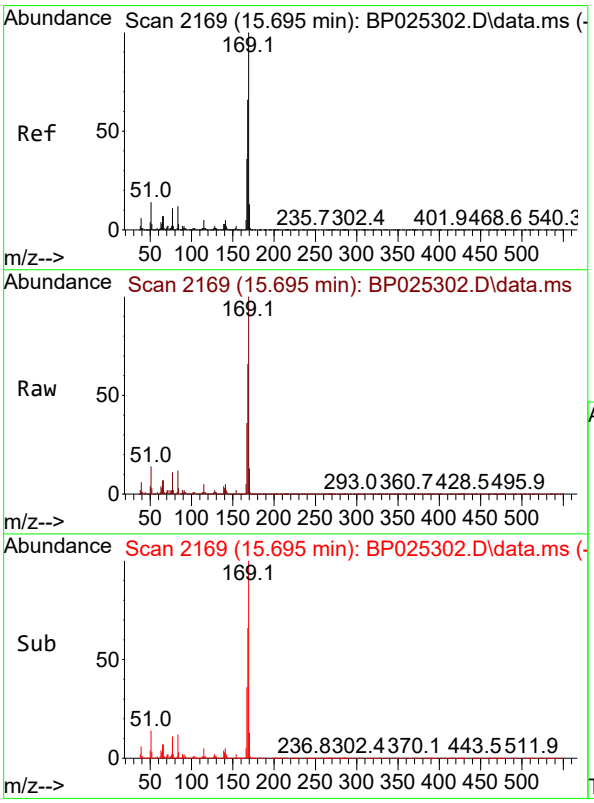
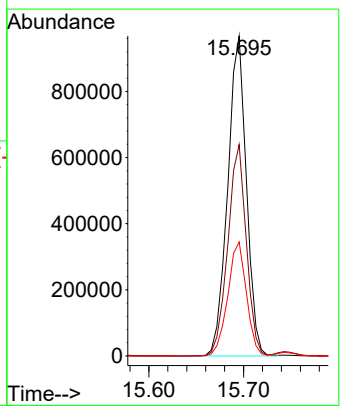


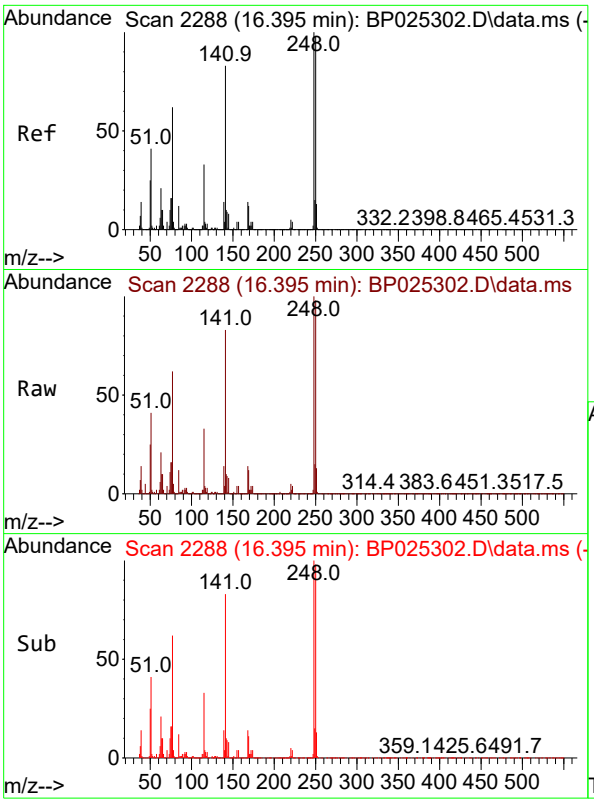


#66
n-Nitrosodiphenylamine
Concen: 39.754 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:169 Resp: 1327098

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.8	79.2
167	35.6	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 39.545 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 43623

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	83.2	66.6	99.8

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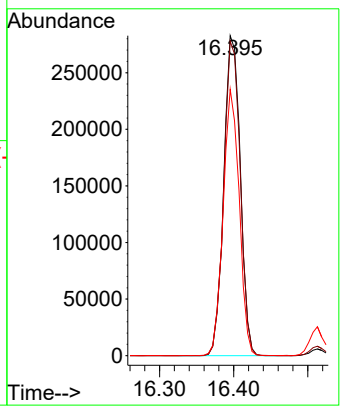
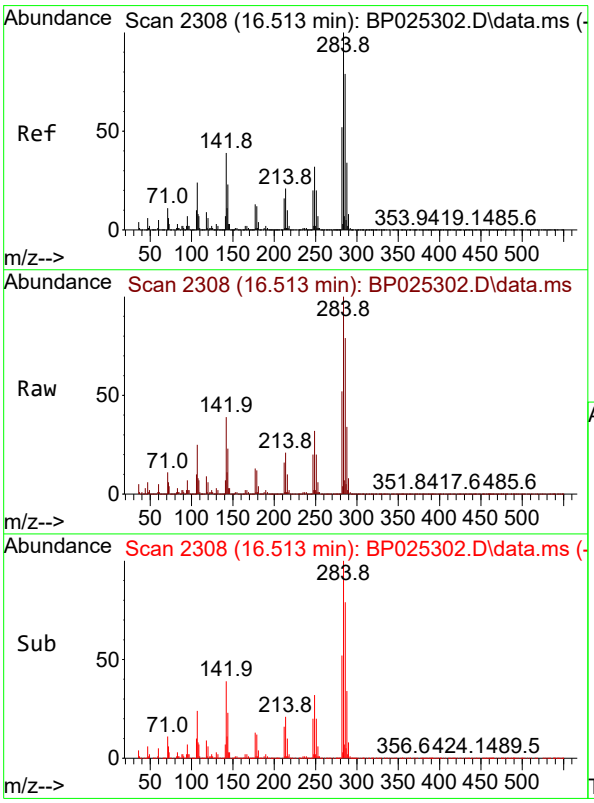
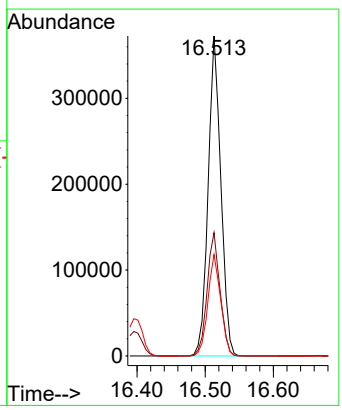


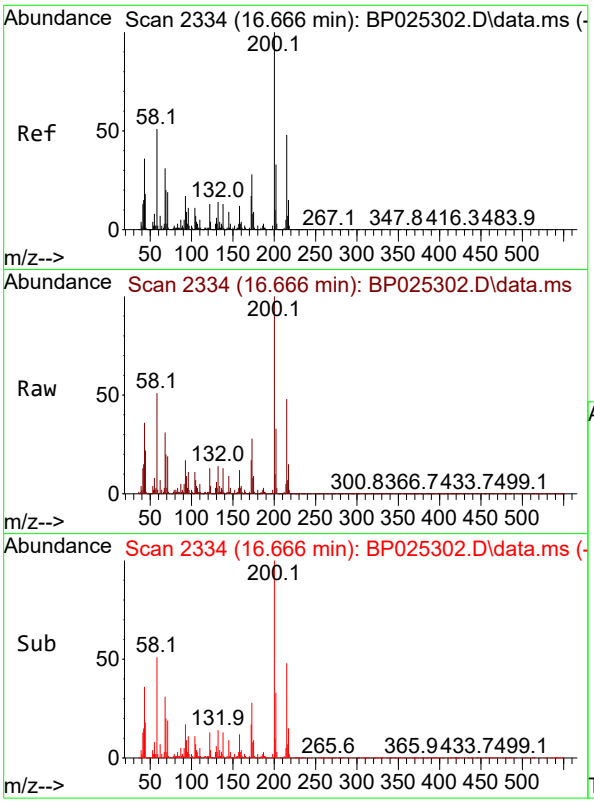


#68
Hexachlorobenzene
Concen: 38.967 ng
RT: 16.513 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:284 Resp: 482334

Ion	Ratio	Lower	Upper
284	100		
142	38.5	30.8	46.2
249	31.7	25.4	38.0

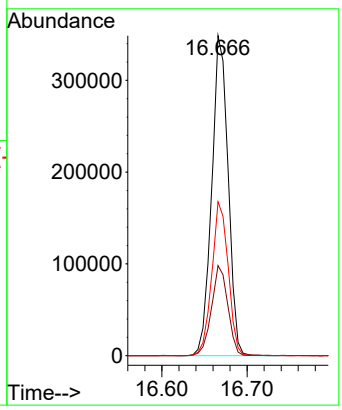




#69
Atrazine
Concen: 39.673 ng
RT: 16.666 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:200 Resp: 46575

Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.2	48.2
215	48.1	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
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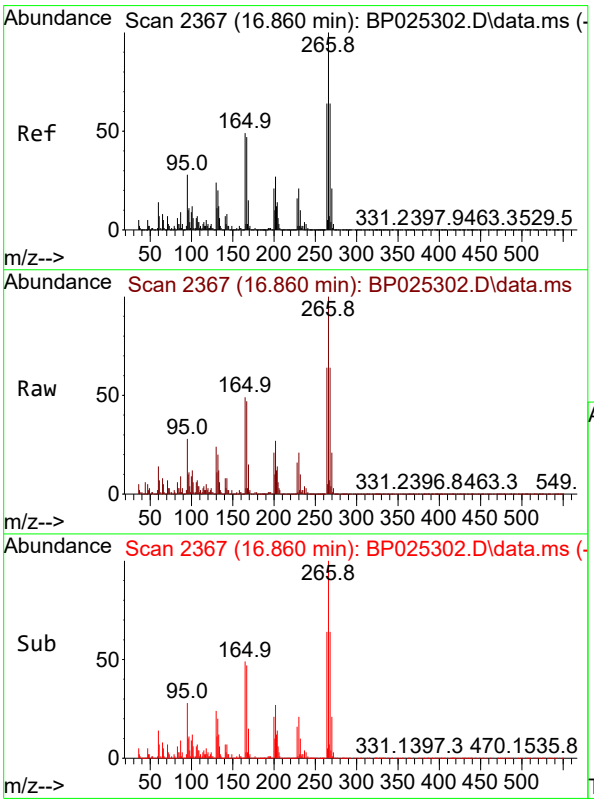
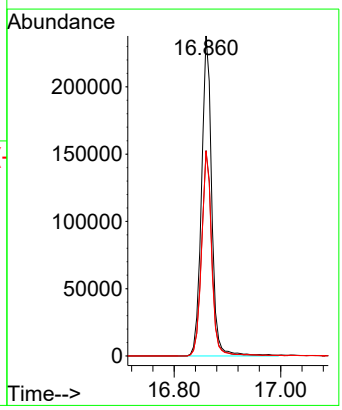
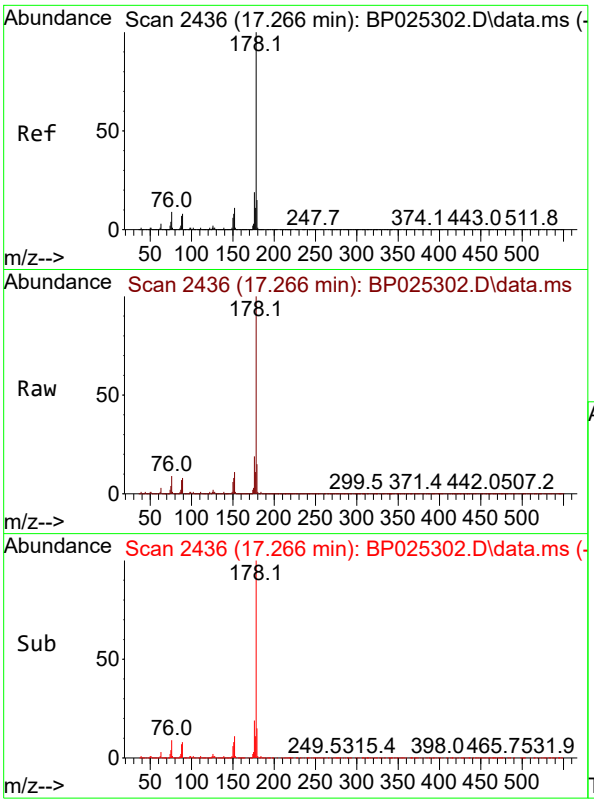


#70
Pentachlorophenol
Concen: 40.000 ng
RT: 16.860 min Scan# 2367
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:266 Resp: 315442

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.0
264	63.9	51.1	76.7

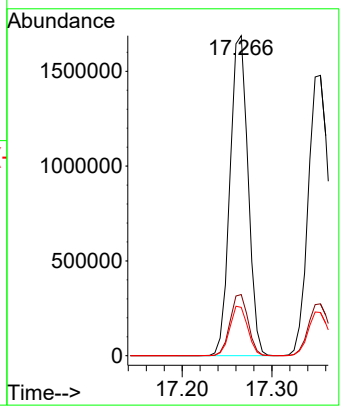




#71
Phenanthrene
Concen: 39.167 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:178 Resp: 235197

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.1	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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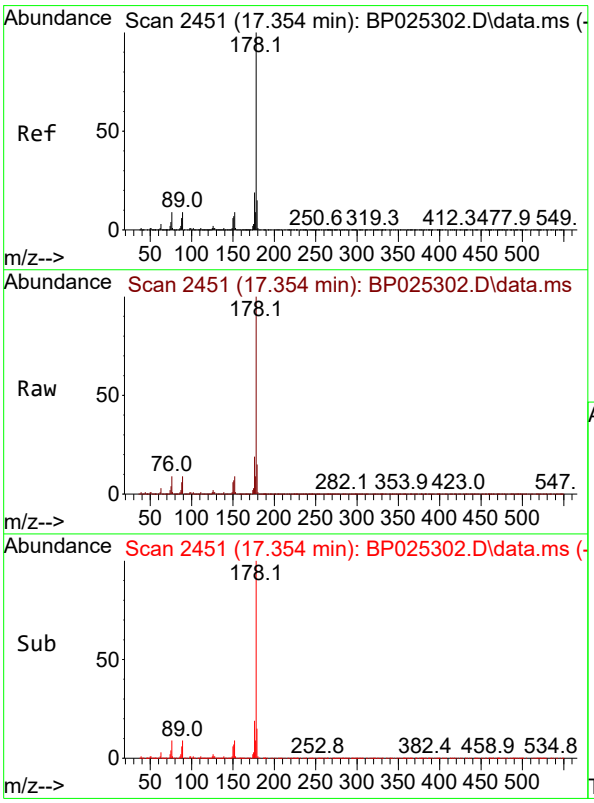
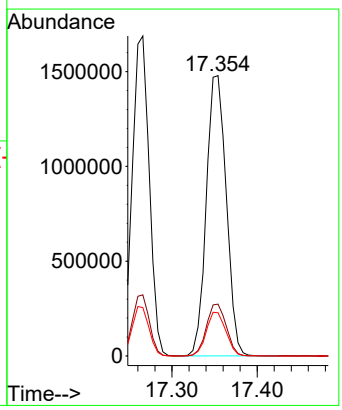
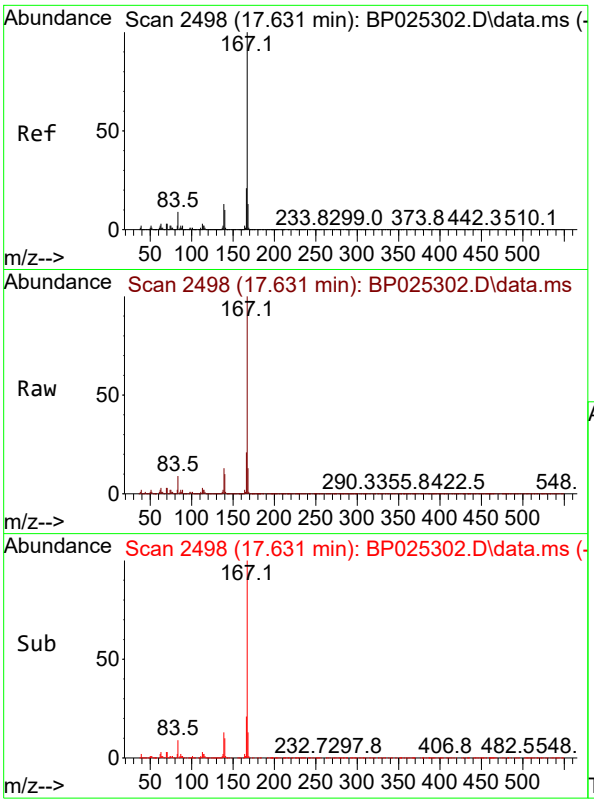


#72
Anthracene
Concen: 39.667 ng
RT: 17.354 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:178 Resp: 2401769

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.4	12.3	18.5

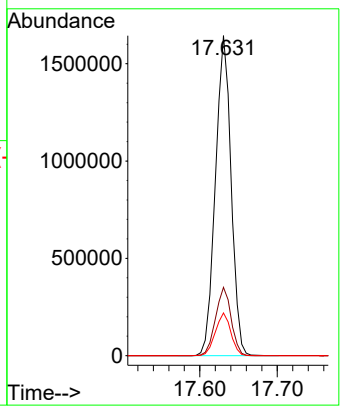




#73
Carbazole
Concen: 39.700 ng
RT: 17.631 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:167 Resp: 230739

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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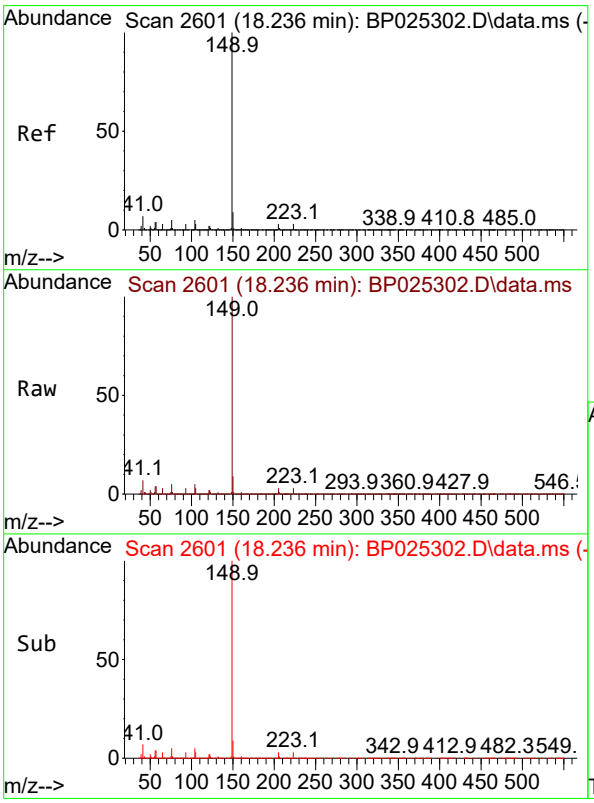
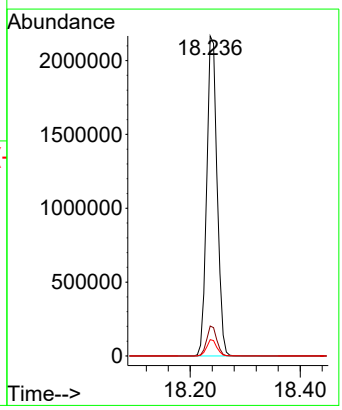
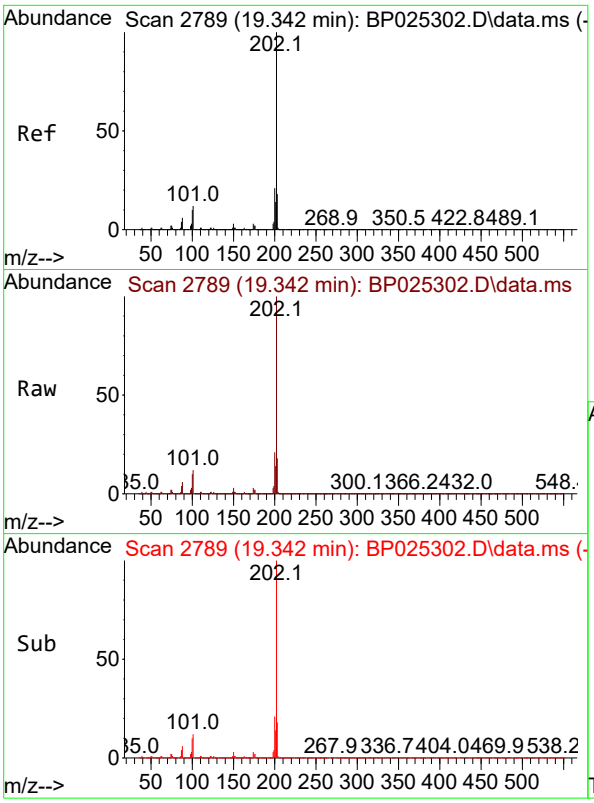


#74
Di-n-butylphthalate
Concen: 40.220 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:149 Resp: 2828001

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	4.1	6.1





#75
Fluoranthene
Concen: 39.501 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 274588

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.5
203	17.6	0.0	37.6

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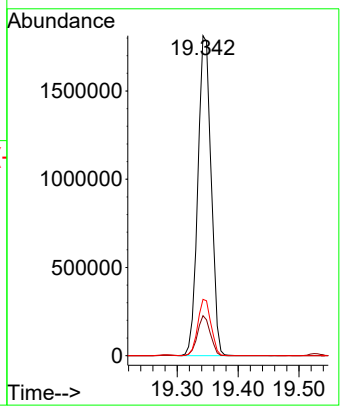
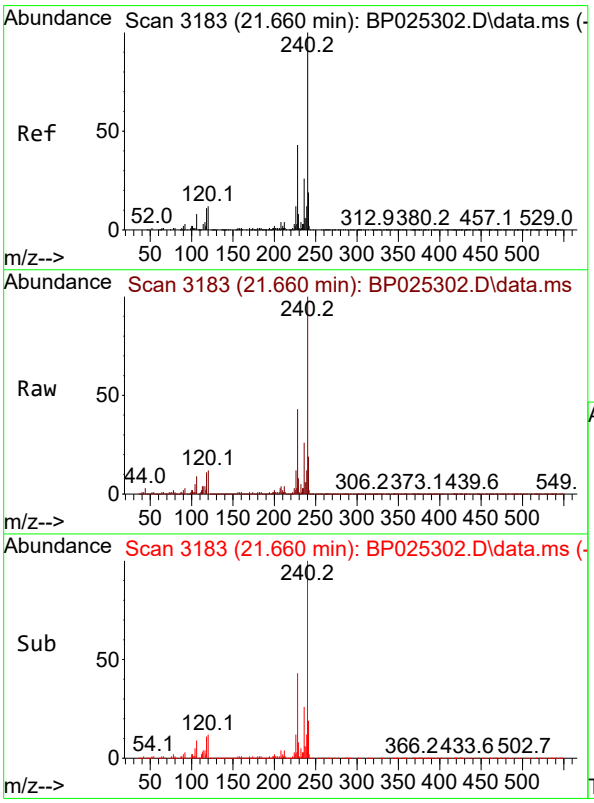
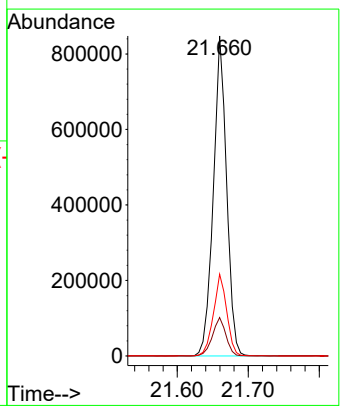


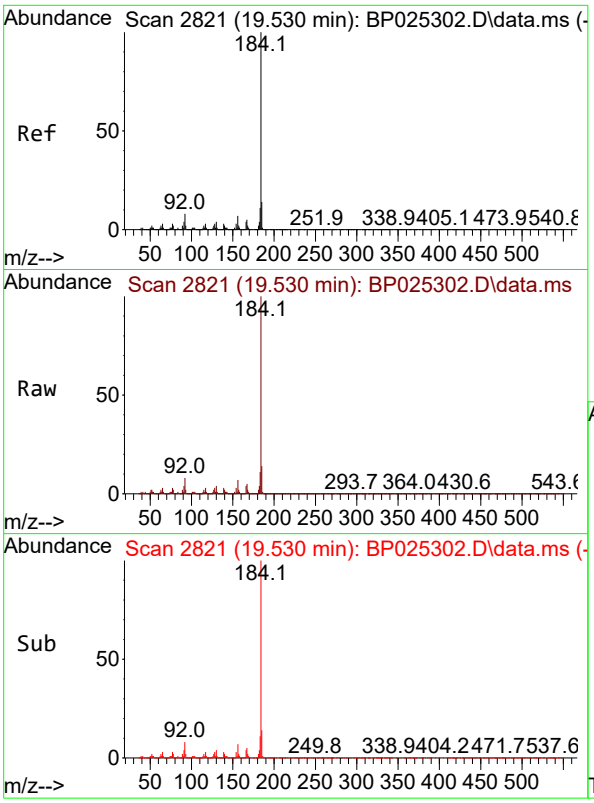


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:240 Resp: 1098659

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	25.5	20.4	30.6

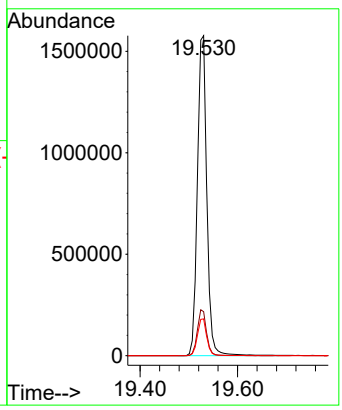




#77
Benzidine
Concen: 53.598 ng
RT: 19.530 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:184 Resp: 213135

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.0	16.6
183	11.5	9.2	13.8



Instrument :
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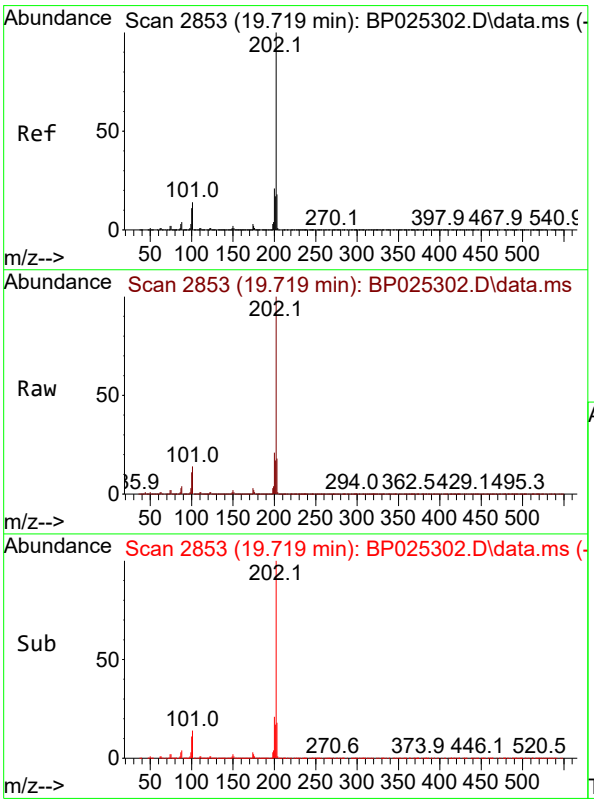
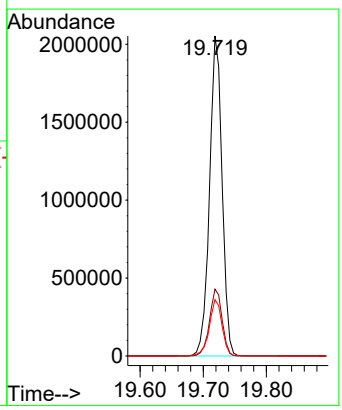
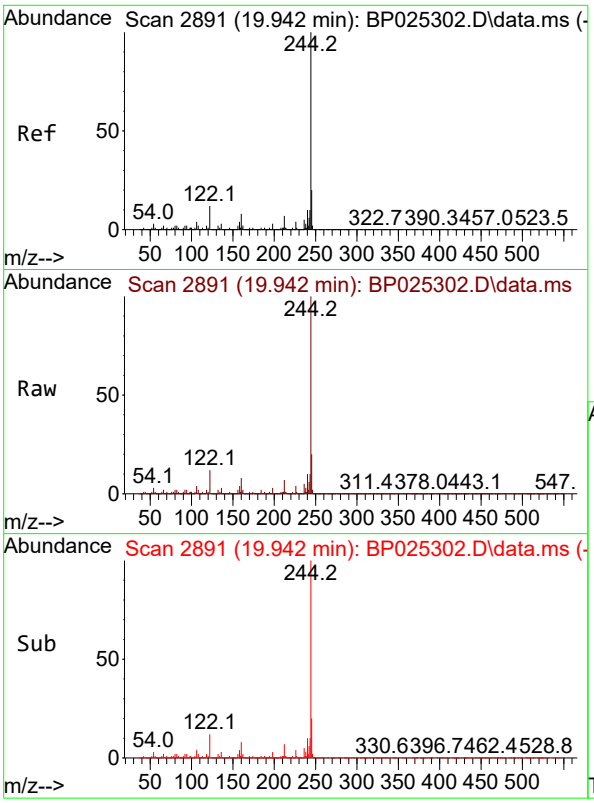


#78
Pyrene
Concen: 38.761 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:202 Resp: 2831811

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	14.1	21.1

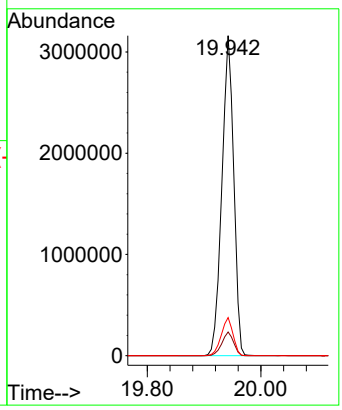




#79
Terphenyl-d14
Concen: 79.015 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:244 Resp: 459514

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.9	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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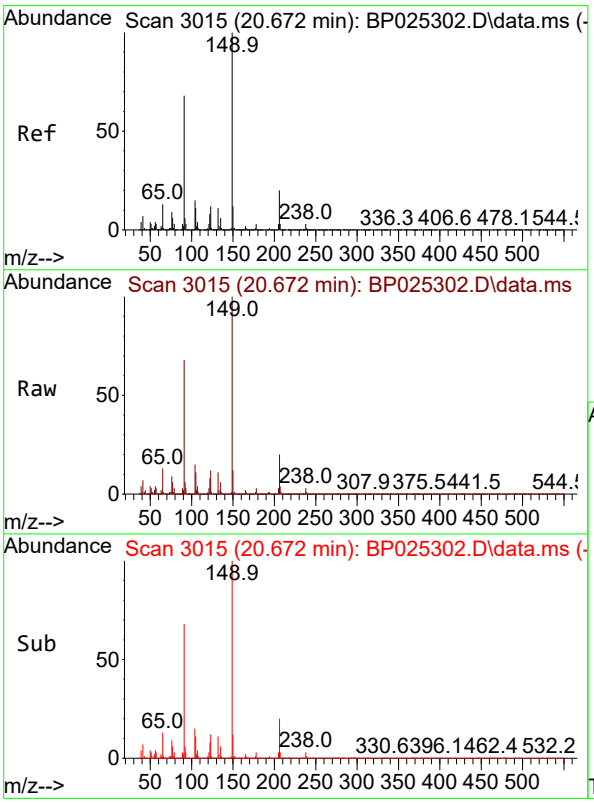
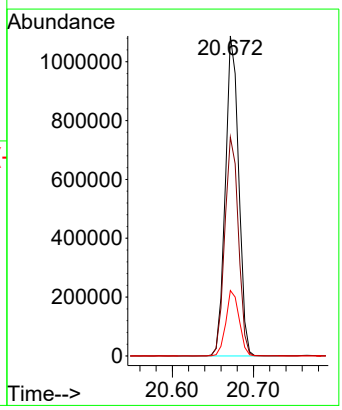
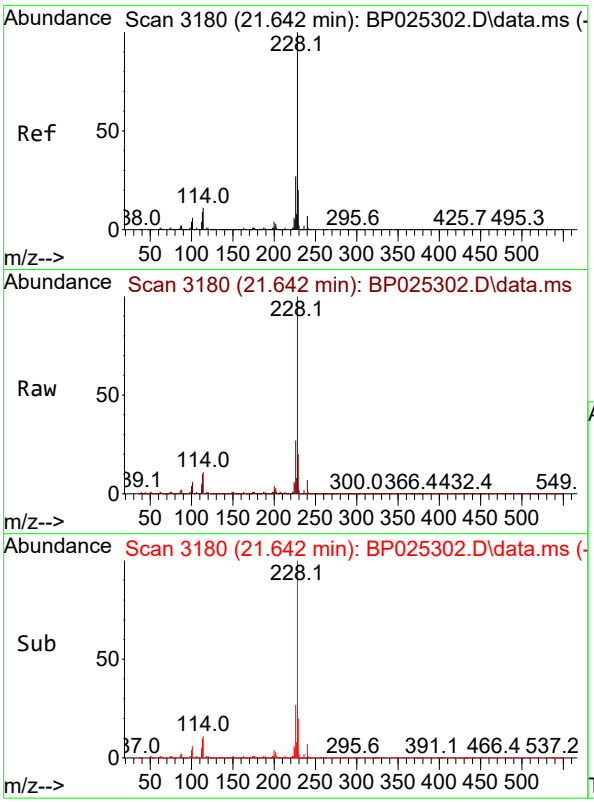


#80
Butylbenzylphthalate
Concen: 41.913 ng
RT: 20.672 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:149 Resp: 1241891

Ion	Ratio	Lower	Upper
149	100		
91	68.4	54.7	82.1
206	20.5	16.4	24.6

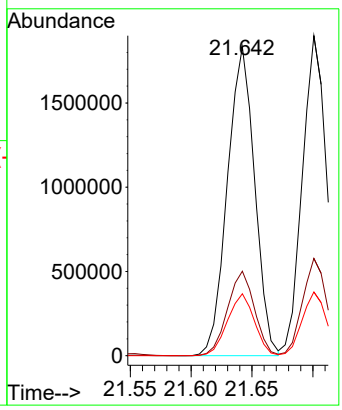




#81
Benzo(a)anthracene
Concen: 39.173 ng
RT: 21.642 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:228 Resp: 285997

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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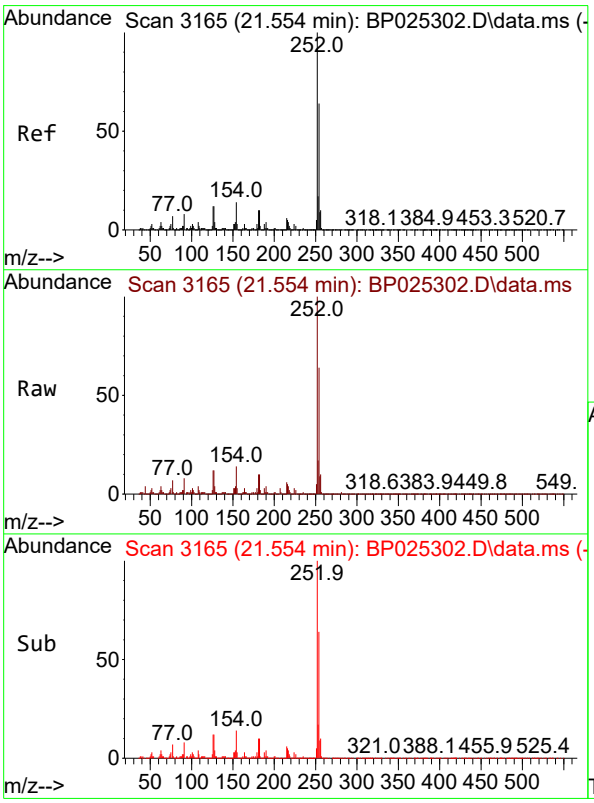
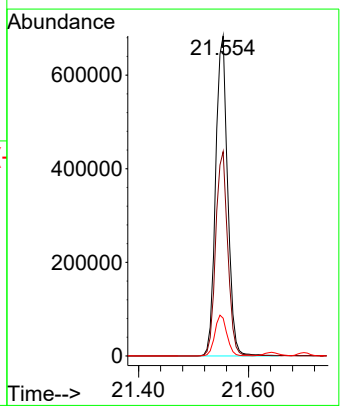
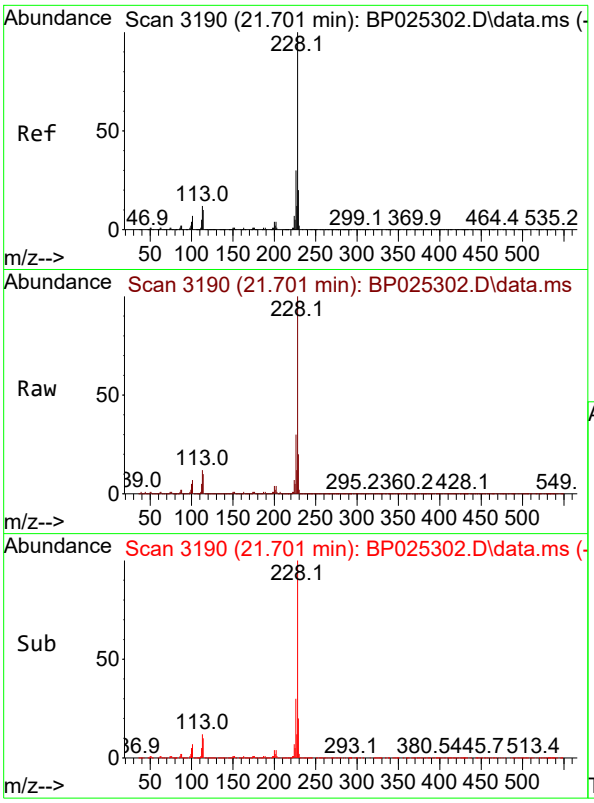


#82
3,3'-Dichlorobenzidine
Concen: 40.358 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:252 Resp: 1039593

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.0	76.6
126	11.8	9.4	14.2

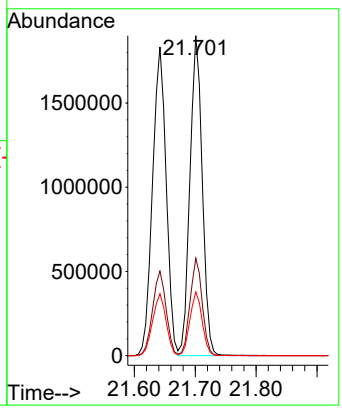




#83
Chrysene
Concen: 39.503 ng
RT: 21.701 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:228 Resp: 267497

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.9	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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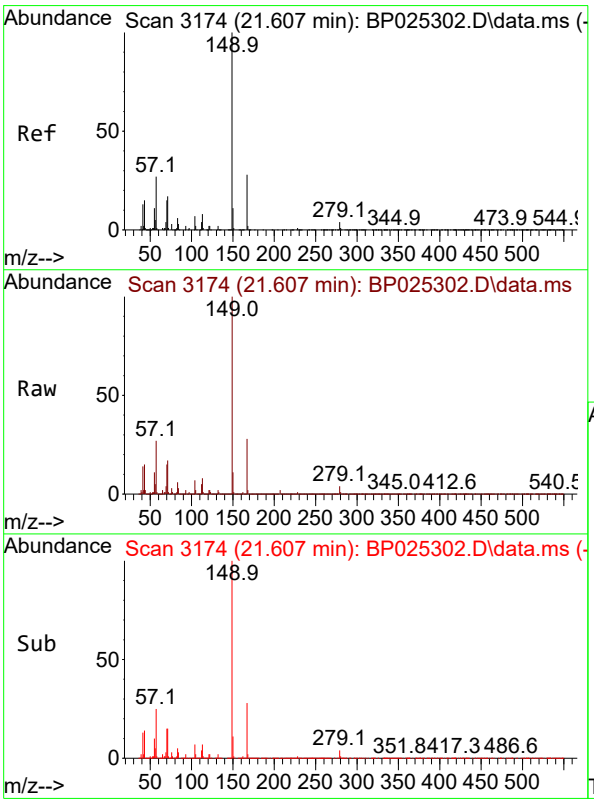
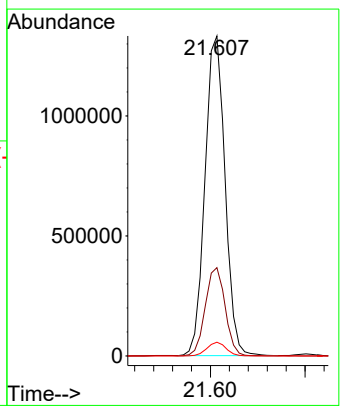
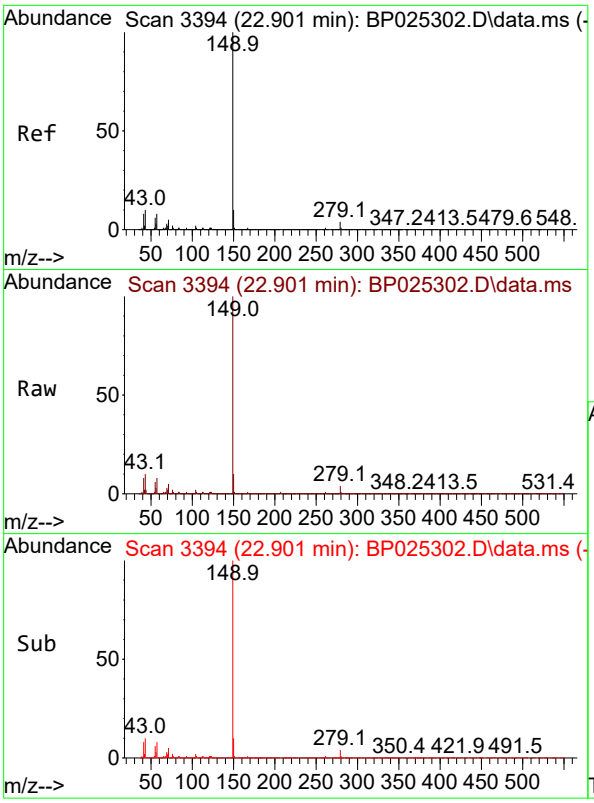


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.420 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:149 Resp: 1959652

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.3	3.4	5.2

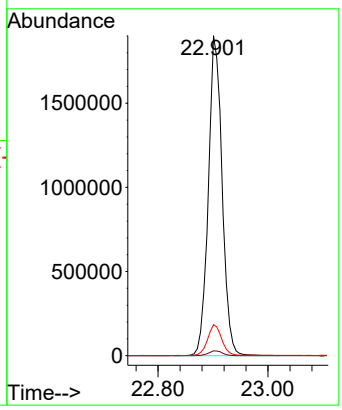




#85
Di-n-octyl phthalate
Concen: 41.675 ng
RT: 22.901 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:149 Resp: 330030

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.9	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
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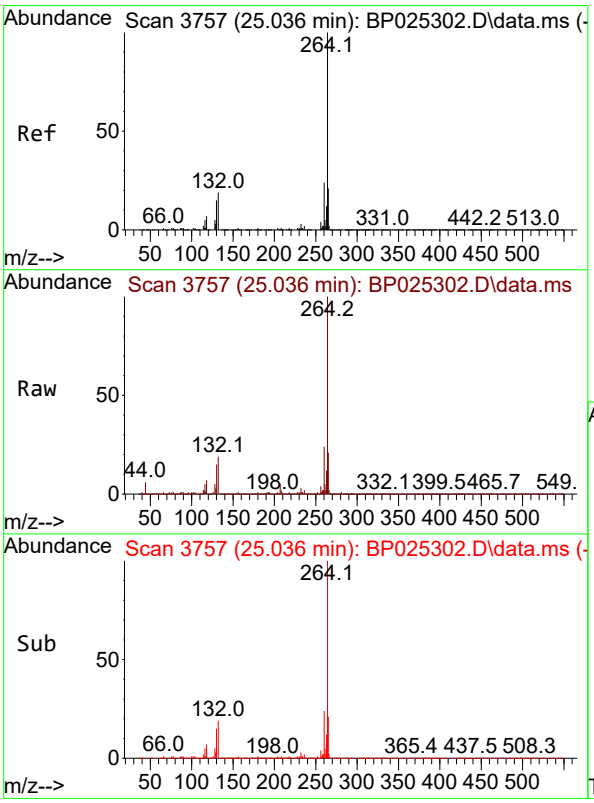
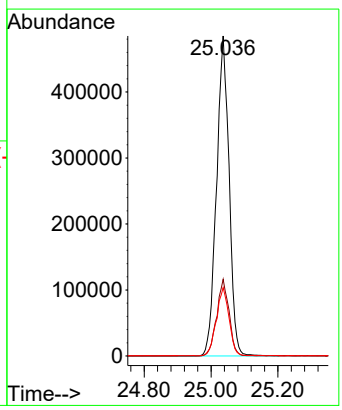
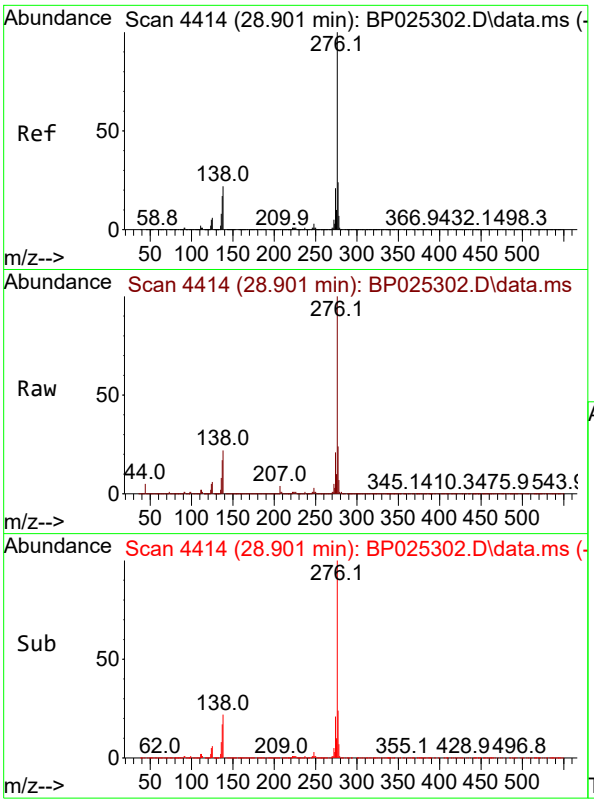


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:264 Resp: 1264736

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.1	25.7

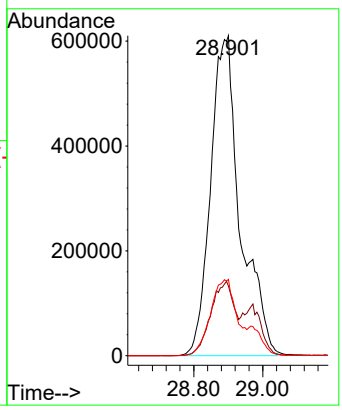




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.200 ng m
RT: 28.901 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:276 Resp: 364965

Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.6	22.0
277	21.1	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
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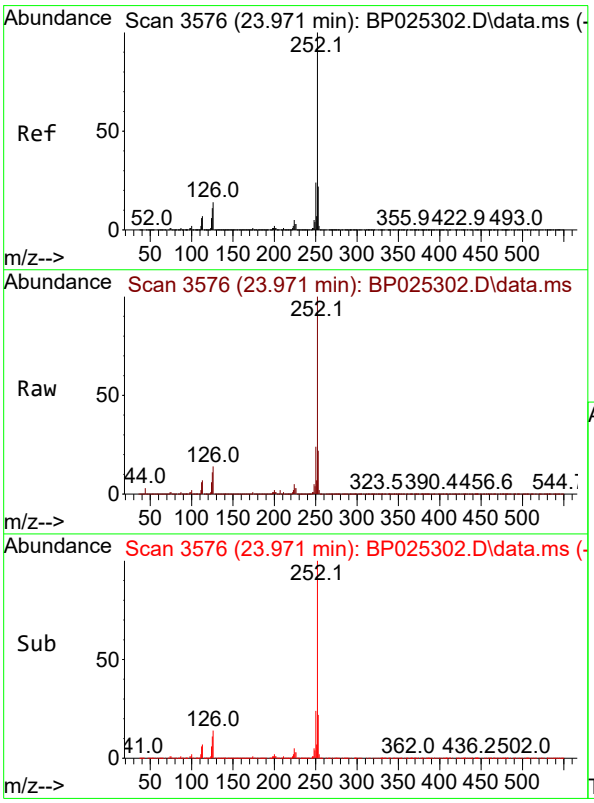
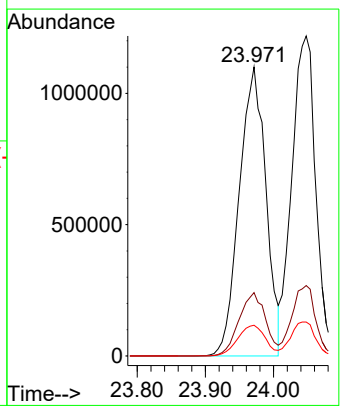
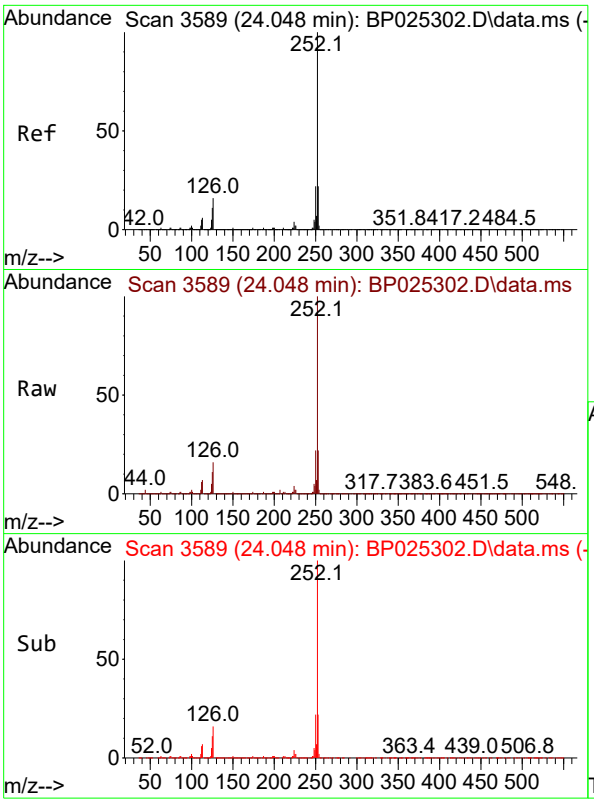


#88
Benzo(b)fluoranthene
Concen: 39.375 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:252 Resp: 2981039

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.6	8.5	12.7

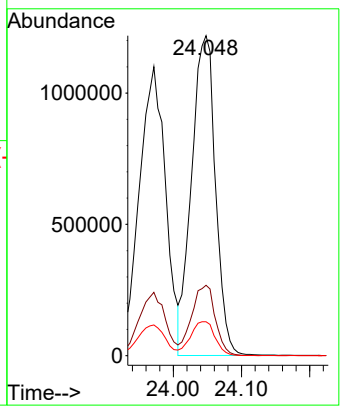




#89
Benzo(k)fluoranthene
Concen: 39.456 ng
RT: 24.048 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:252 Resp: 296124

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.6	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
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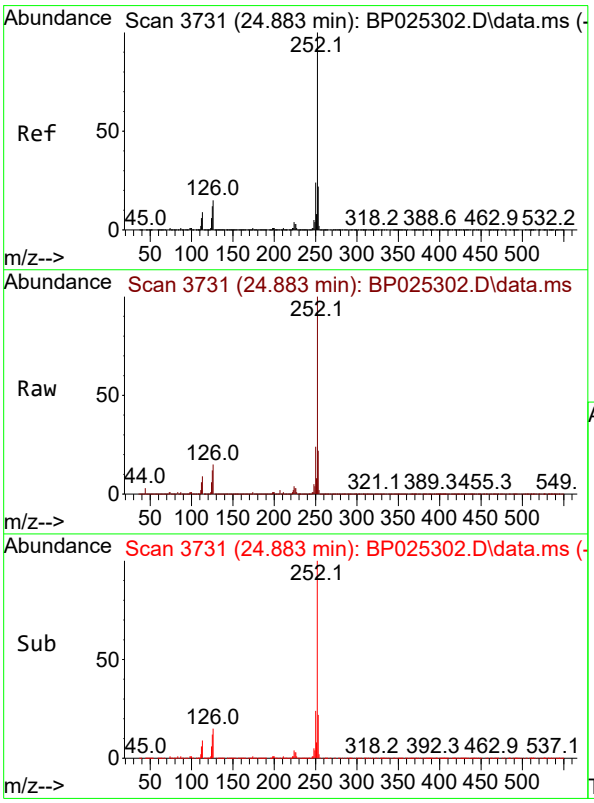
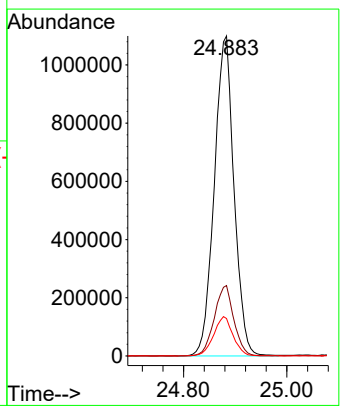
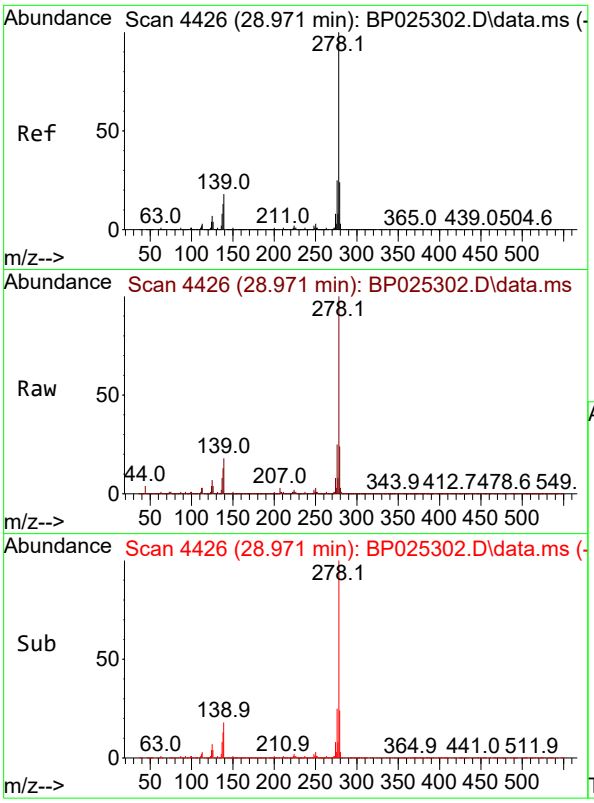


#90
Benzo(a)pyrene
Concen: 39.938 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:252 Resp: 2911834

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.7	9.4	14.0

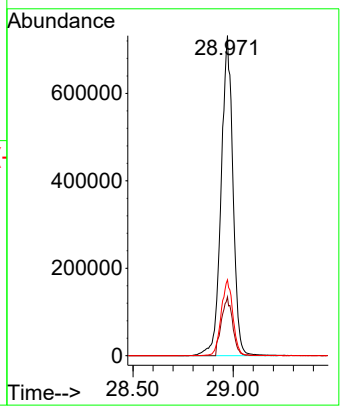




#91
Dibenzo(a,h)anthracene
Concen: 40.383 ng
RT: 28.971 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:278 Resp: 299815

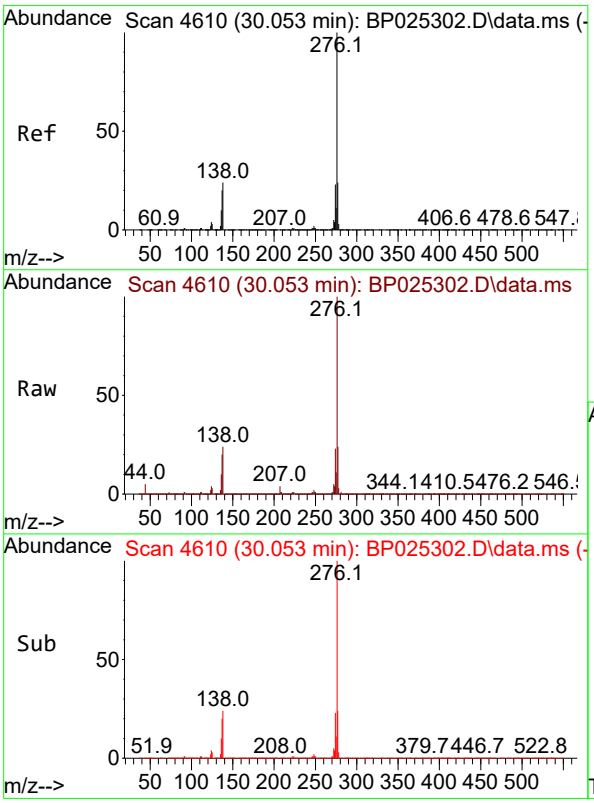
Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.6	22.0
279	23.7	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

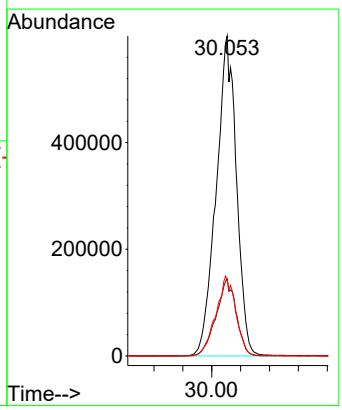
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 40.025 ng
RT: 30.053 min Scan# 4610
Delta R.T. 0.000 min
Lab File: BP025302.D
Acq: 05 Aug 2025 14:47

Tgt Ion:276 Resp: 2917156

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	23.9	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025303.D
Acq On : 05 Aug 2025 15:28
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:02:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	204129	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	895271	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	571612	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1114369	20.000	ng	0.00
76) Chrysene-d12	21.660	240	1066090	20.000	ng	0.00
86) Perylene-d12	25.048	264	1155535	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1323492	103.607	ng	0.00
7) Phenol-d6	6.966	99	1770084	105.044	ng	0.00
23) Nitrobenzene-d5	8.937	82	1820226	110.005	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	654420	110.884	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	4184125	101.643	ng	0.00
79) Terphenyl-d14	19.948	244	5765552	102.169	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	252837	50.482	ng	99
3) Pyridine	3.725	79	717966	51.596	ng	99
4) n-Nitrosodimethylamine	3.637	42	337100	52.181	ng	97
6) Aniline	7.137	93	1217200	53.084	ng	99
8) 2-Chlorophenol	7.372	128	740540	53.306	ng	99
9) Benzaldehyde	6.949	77	719072	60.611	ng	98
10) Phenol	6.990	94	940803	52.642	ng	99
11) bis(2-Chloroethyl)ether	7.231	93	734824	52.476	ng	99
12) 1,3-Dichlorobenzene	7.696	146	803898	51.499	ng	100
13) 1,4-Dichlorobenzene	7.837	146	817189	51.745	ng	99
14) 1,2-Dichlorobenzene	8.155	146	791692	51.749	ng	99
15) Benzyl Alcohol	8.031	79	693643	53.573	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.325	45	1148882	51.937	ng	100
17) 2-Methylphenol	8.225	107	639575	53.483	ng	99
18) Hexachloroethane	8.878	117	291706	51.649	ng	97
19) n-Nitroso-di-n-propyla...	8.596	70	584940	53.300	ng	99
20) 3+4-Methylphenols	8.549	107	873995	53.075	ng	98
22) Acetophenone	8.607	105	1157990	51.524	ng	99
24) Nitrobenzene	8.978	77	835622	54.626	ng	100
25) Isophorone	9.507	82	1699294	52.827	ng	100
26) 2-Nitrophenol	9.684	139	334267	49.999	ng	99
27) 2,4-Dimethylphenol	9.749	122	764549	51.553	ng	97
28) bis(2-Chloroethoxy)met...	9.984	93	1023578	52.308	ng	99
29) 2,4-Dichlorophenol	10.213	162	710356	54.711	ng	98
30) 1,2,4-Trichlorobenzene	10.437	180	747003	52.150	ng	99
31) Naphthalene	10.619	128	2404950	51.746	ng	100
32) Benzoic acid	9.872	122	427207	49.747	ng	96
33) 4-Chloroaniline	10.719	127	1108429	53.624	ng	100
34) Hexachlorobutadiene	10.919	225	420532	51.144	ng	97
35) Caprolactam	11.490	113	273974	54.273	ng	97
36) 4-Chloro-3-methylphenol	11.837	107	822806	54.768	ng	99
37) 2-Methylnaphthalene	12.231	142	1569525	52.175	ng	100
38) 1-Methylnaphthalene	12.454	142	1654175	52.701	ng	100
40) 1,2,4,5-Tetrachloroben...	12.601	216	795310	50.962	ng	99
41) Hexachlorocyclopentadiene	12.590	237	511069	53.061	ng	99
43) 2,4,6-Trichlorophenol	12.837	196	565018	56.046	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025303.D
Acq On : 05 Aug 2025 15:28
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:02:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	624750	55.243	ng		98
46) 1,1'-Biphenyl	13.248	154	2167632	51.457	ng		99
47) 2-Chloronaphthalene	13.284	162	1656657	51.548	ng		100
48) 2-Nitroaniline	13.478	65	491730	51.971	ng		96
49) Acenaphthylene	14.137	152	2816363	52.537	ng		99
50) Dimethylphthalate	13.878	163	2189488	52.544	ng		100
51) 2,6-Dinitrotoluene	13.978	165	440590	57.323	ng		97
52) Acenaphthene	14.484	154	1716317	52.489	ng		99
53) 3-Nitroaniline	14.313	138	517027	57.487	ng		96
54) 2,4-Dinitrophenol	14.513	184	167500	50.836	ng	#	52
55) Dibenzofuran	14.819	168	2518183	51.534	ng		99
56) 4-Nitrophenol	14.613	139	439677	55.392	ng		98
57) 2,4-Dinitrotoluene	14.772	165	615851	51.438	ng		96
58) Fluorene	15.484	166	1943035	50.628	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.048	232	522825	55.019	ng		99
60) Diethylphthalate	15.266	149	2184026	51.987	ng		99
61) 4-Chlorophenyl-phenyle...	15.484	204	918129	50.462	ng		97
62) 4-Nitroaniline	15.489	138	497394	55.814	ng		99
63) Azobenzene	15.778	77	2000064	51.248	ng		99
65) 4,6-Dinitro-2-methylph...	15.548	198	259581	51.256	ng		98
66) n-Nitrosodiphenylamine	15.701	169	1776048	52.344	ng		100
67) 4-Bromophenyl-phenylether	16.395	248	589000	52.531	ng		99
68) Hexachlorobenzene	16.507	284	650421	51.698	ng		96
69) Atrazine	16.672	200	642206	53.820	ng		98
70) Pentachlorophenol	16.854	266	448973	56.013	ng		99
71) Phenanthrene	17.260	178	3152482	51.650	ng		99
72) Anthracene	17.360	178	3207824	52.124	ng		100
73) Carbazole	17.625	167	3066018	51.900	ng		99
74) Di-n-butylphthalate	18.236	149	3833325	53.637	ng		100
75) Fluoranthene	19.348	202	3659664	51.795	ng		98
77) Benzidine	19.536	184	1935364	50.156	ng		100
78) Pyrene	19.719	202	3748452	52.875	ng		100
80) Butylbenzylphthalate	20.683	149	1670521	58.102	ng		98
81) Benzo(a)anthracene	21.636	228	3682901	51.986	ng		100
82) 3,3'-Dichlorobenzidine	21.560	252	1334151	53.376	ng		99
83) Chrysene	21.713	228	3435648	52.286	ng		99
84) Bis(2-ethylhexyl)phtha...	21.607	149	2502532	54.510	ng		100
85) Di-n-octyl phthalate	22.907	149	4113502	53.530	ng		100
87) Indeno(1,2,3-cd)pyrene	28.889	276	4466507m	53.847	ng		
88) Benzo(b)fluoranthene	23.971	252	3725745	53.862	ng		99
89) Benzo(k)fluoranthene	24.042	252	3650347	53.234	ng		99
90) Benzo(a)pyrene	24.877	252	3549437	53.283	ng		100
91) Dibenzo(a,h)anthracene	29.000	278	3643604	53.715	ng		99
92) Benzo(g,h,i)perylene	30.083	276	3590382	53.917	ng		99

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

ICAL Form

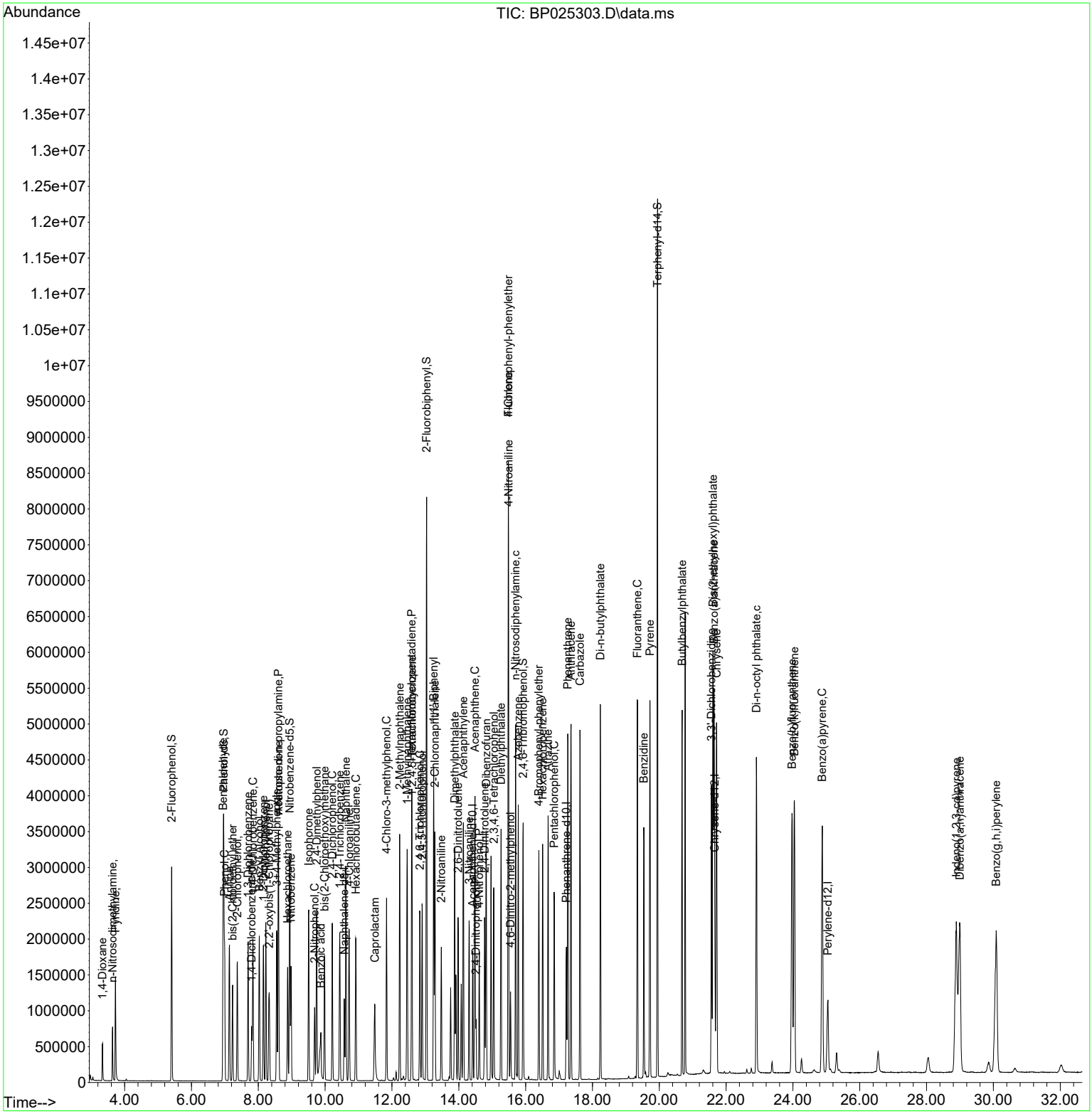
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025303.D
Acq On : 05 Aug 2025 15:28
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

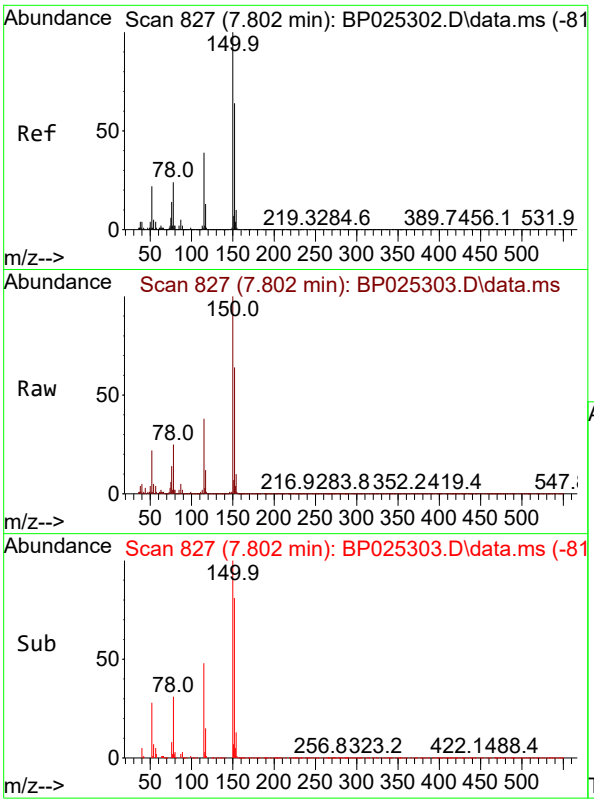
Quant Time: Aug 06 06:02:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

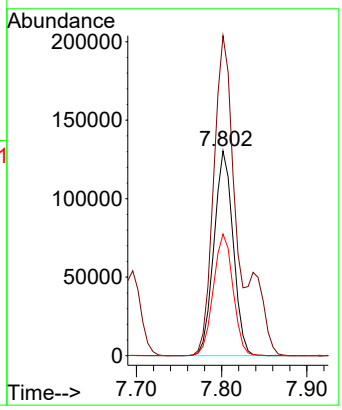




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:152 Resp: 20412

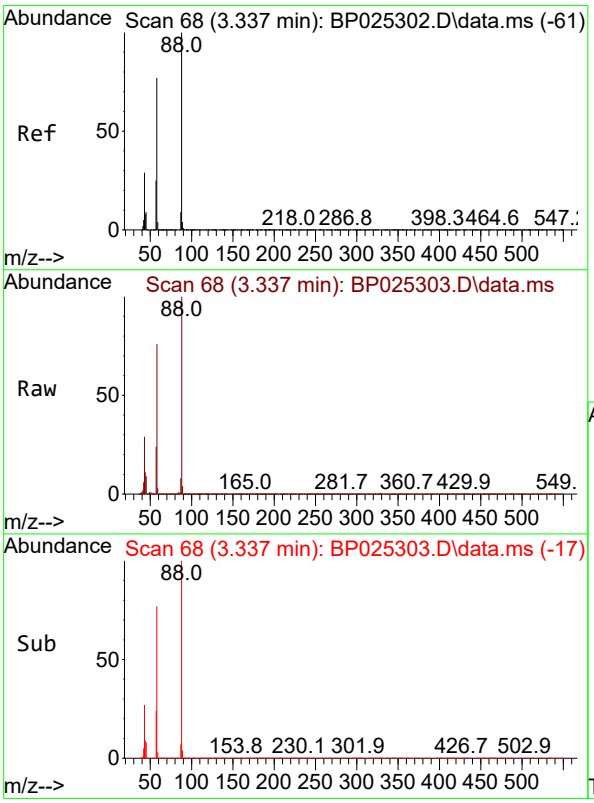
Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.1	187.7
115	59.4	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

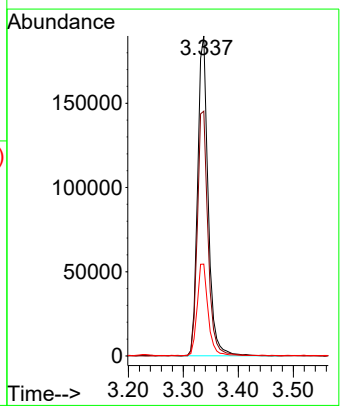
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

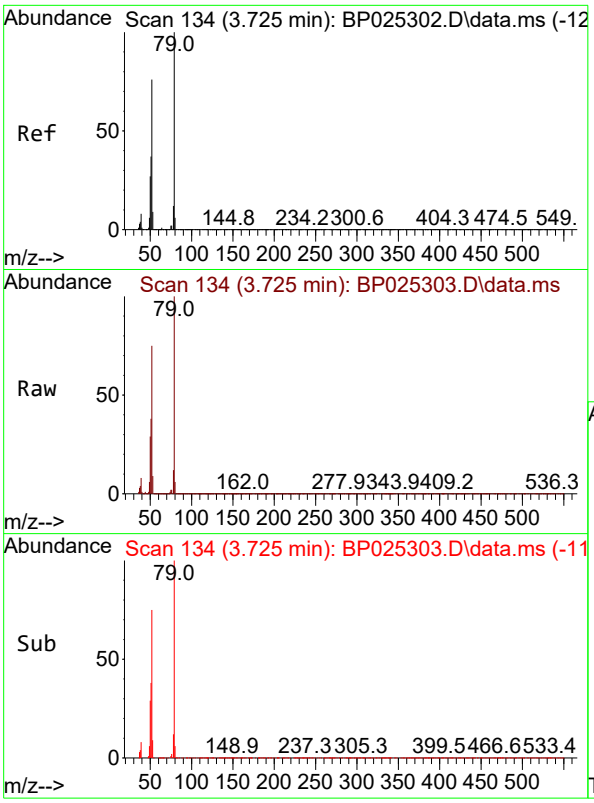


#2
1,4-Dioxane
Concen: 50.482 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 88 Resp: 252837

Ion	Ratio	Lower	Upper
88	100		
58	77.7	61.9	92.9
43	29.6	24.2	36.2

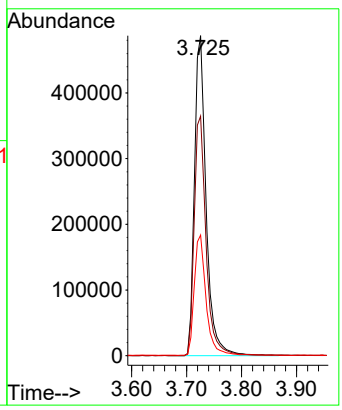




#3
Pyridine
Concen: 51.596 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 79 Resp: 71796

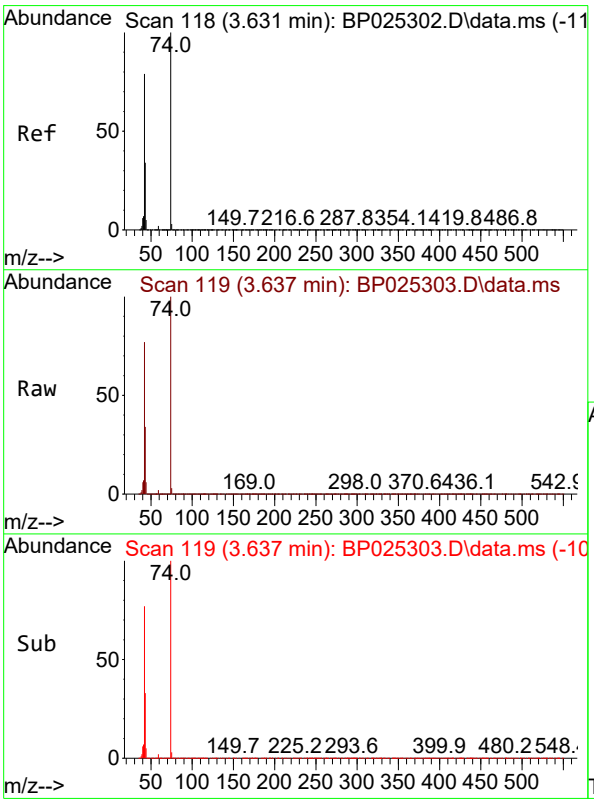
Ion	Ratio	Lower	Upper
79	100		
52	74.9	60.5	90.7
51	37.7	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

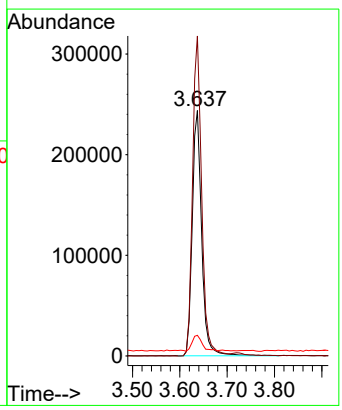
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

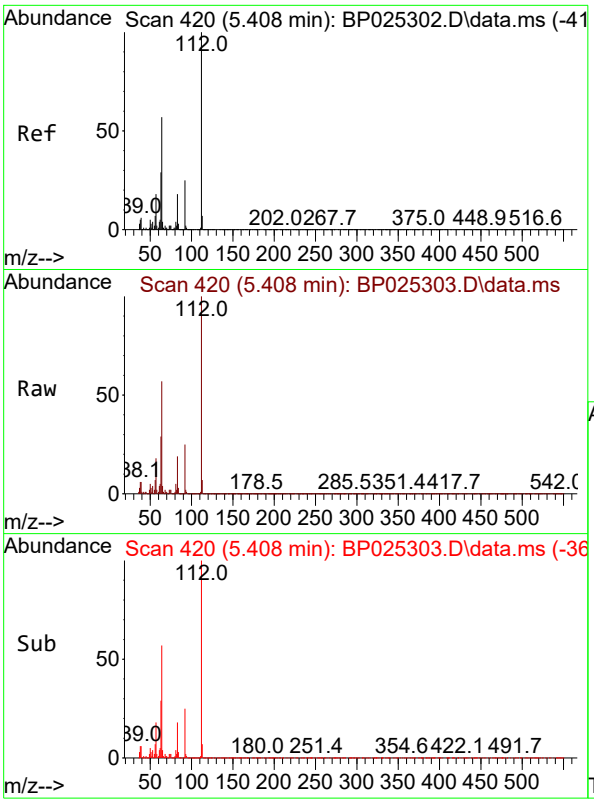


#4
n-Nitrosodimethylamine
Concen: 52.181 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 42 Resp: 337100

Ion	Ratio	Lower	Upper
42	100		
74	130.4	101.4	152.2
44	8.4	7.6	11.4

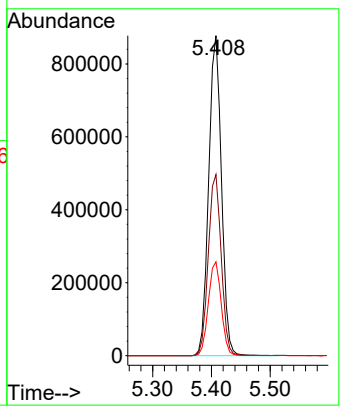




#5
2-Fluorophenol
Concen: 103.607 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:112 Resp: 132349

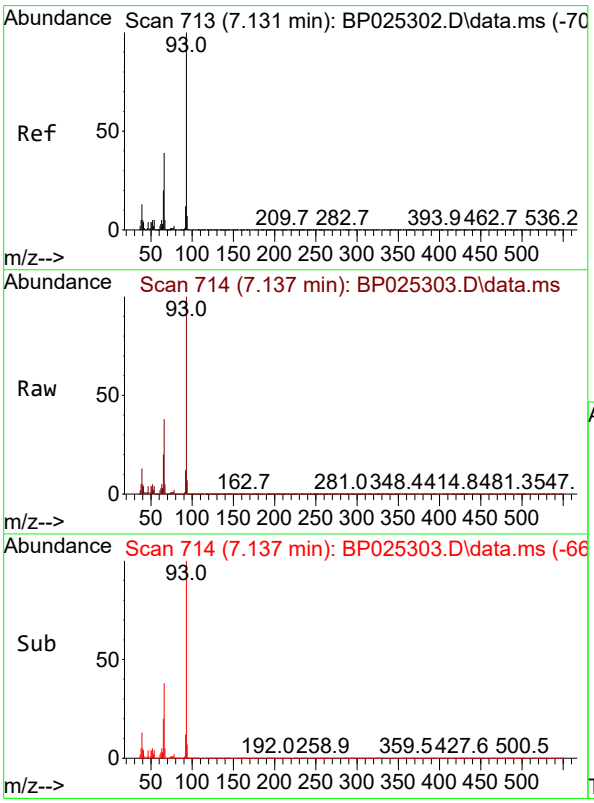
Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.3	67.9
63	29.3	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

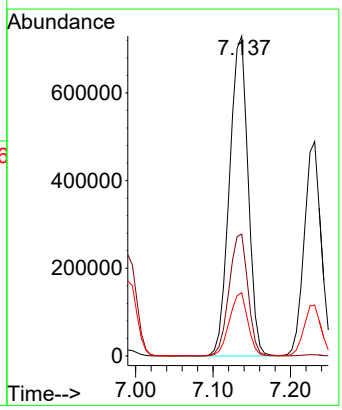
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

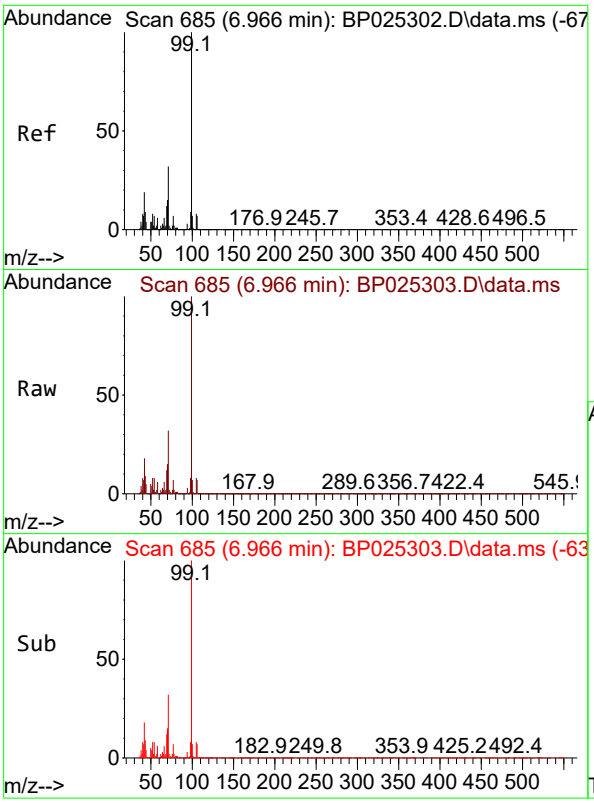


#6
Aniline
Concen: 53.084 ng
RT: 7.137 min Scan# 714
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 93 Resp: 1217200

Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.1	46.7
65	19.8	15.8	23.8

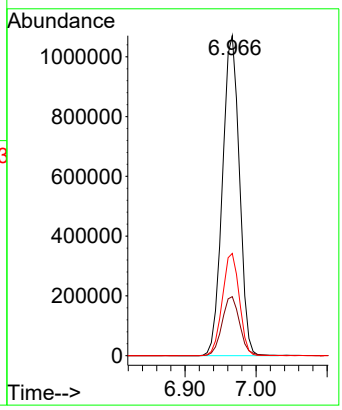




#7
Phenol-d6
Concen: 105.044 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 99 Resp: 177008

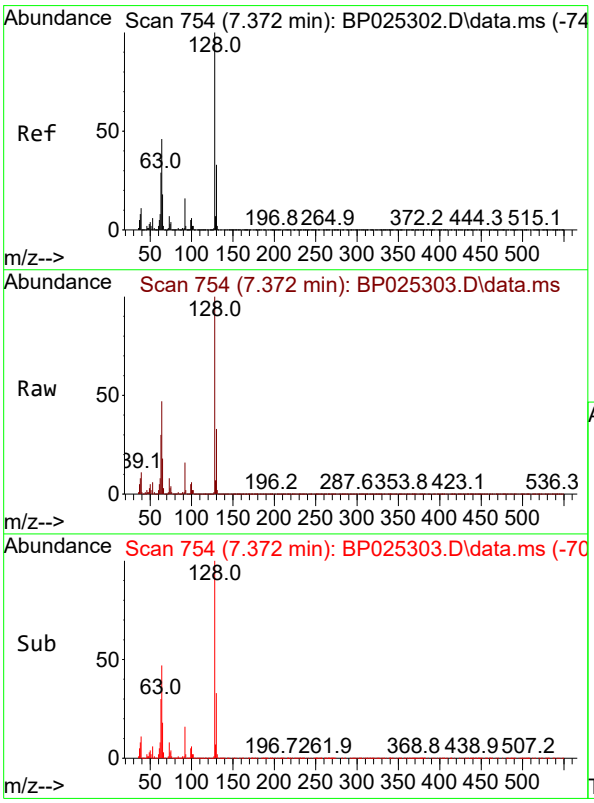
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.6
71	32.0	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

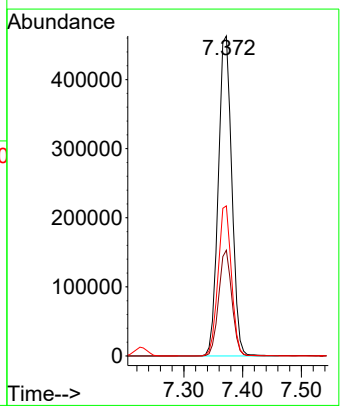
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

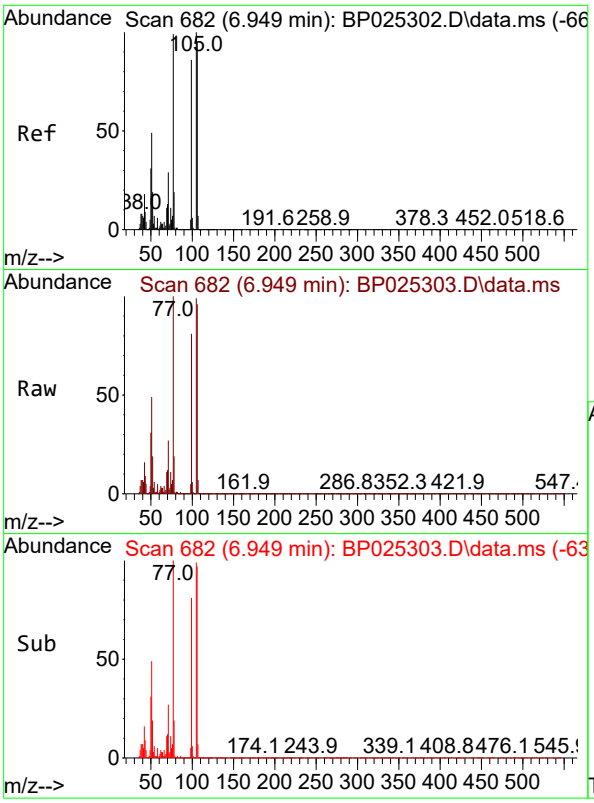


#8
2-Chlorophenol
Concen: 53.306 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:128 Resp: 740540

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	46.9	26.1	66.1

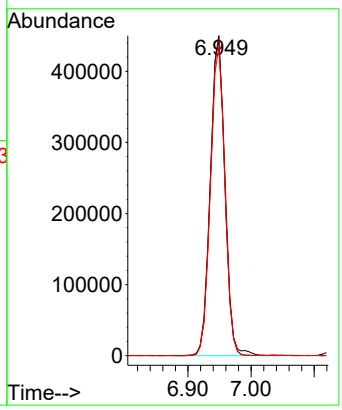




#9
Benzaldehyde
Concen: 60.611 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 77 Resp: 71907

Ion	Ratio	Lower	Upper
77	100		
105	98.6	81.4	121.4
106	96.5	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
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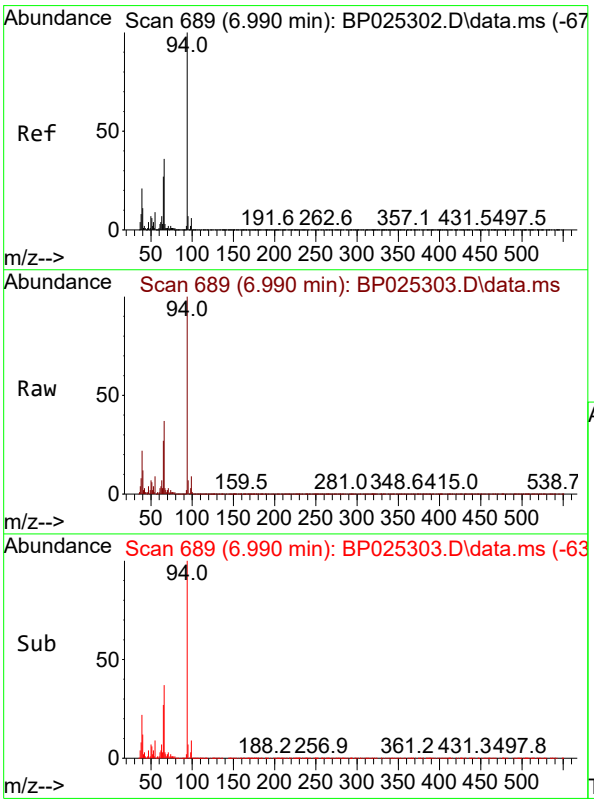
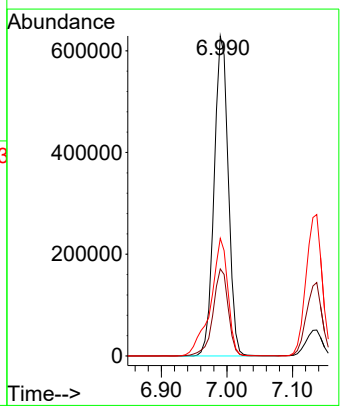
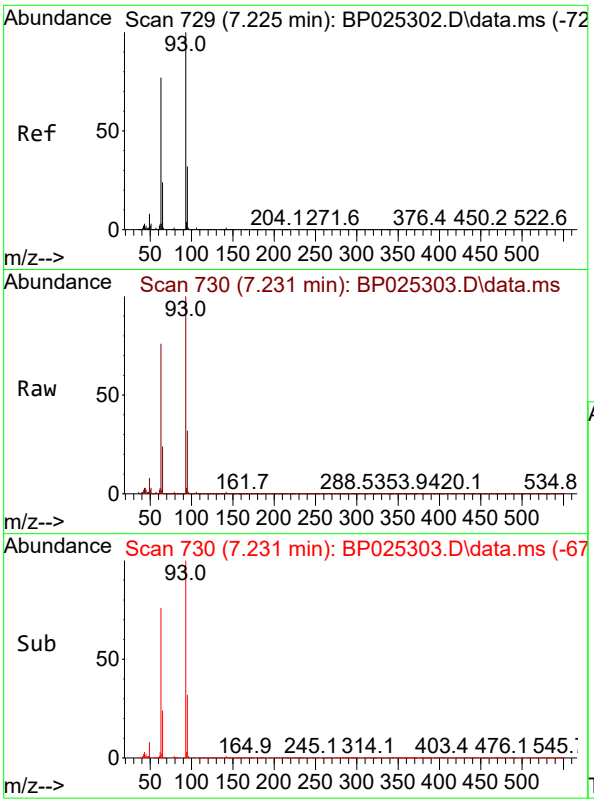


#10
Phenol
Concen: 52.642 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 94 Resp: 940803

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.3	47.3
66	36.8	15.7	55.7

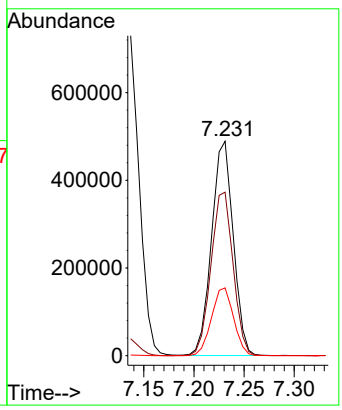




#11
bis(2-Chloroethyl)ether
Concen: 52.476 ng
RT: 7.231 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 93 Resp: 73482

Ion	Ratio	Lower	Upper
93	100		
63	76.2	57.0	97.0
95	31.6	12.1	52.1



Instrument :
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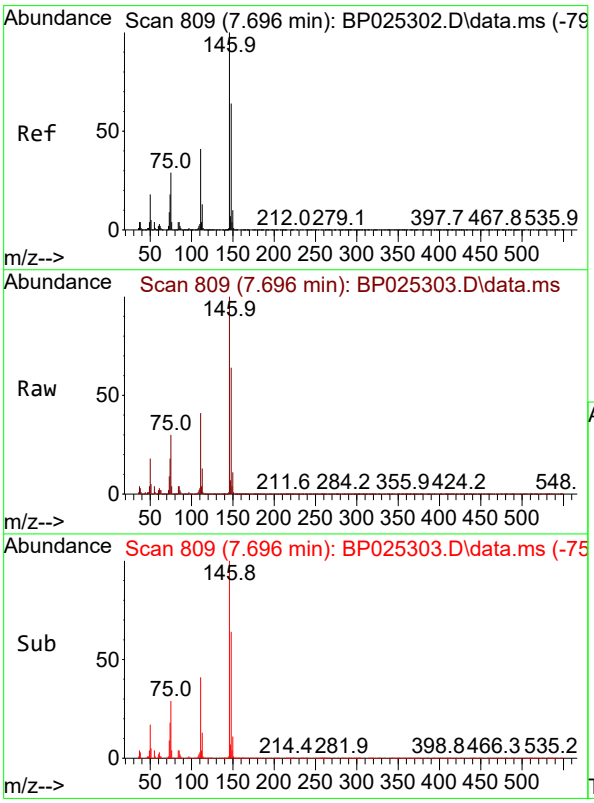
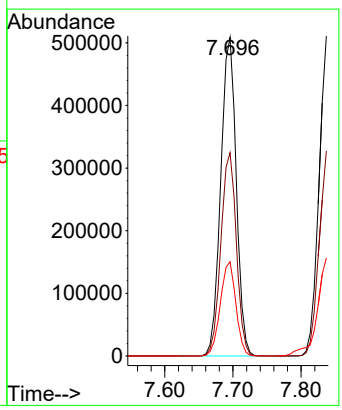
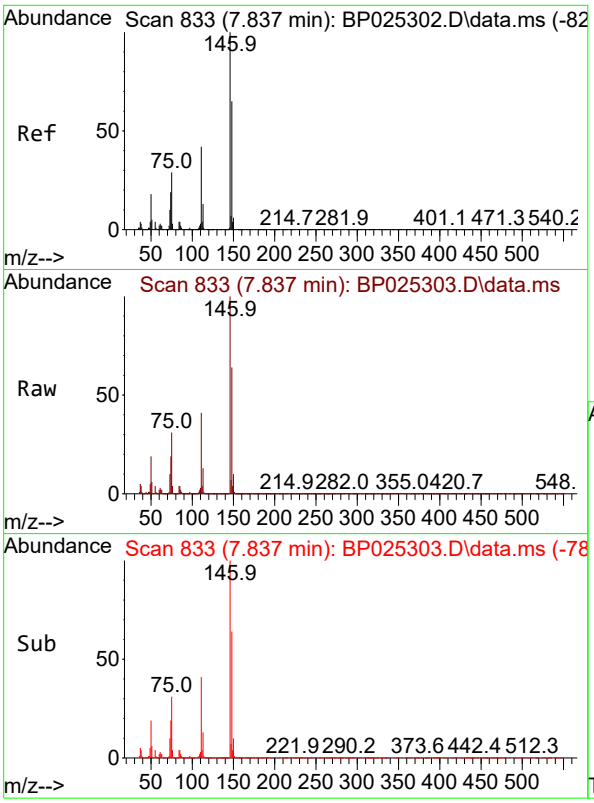


#12
1,3-Dichlorobenzene
Concen: 51.499 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:146 Resp: 803898

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
75	29.6	23.2	34.8

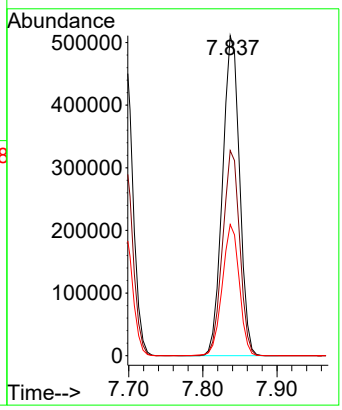




#13
1,4-Dichlorobenzene
Concen: 51.745 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:146 Resp: 81718

Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	41.0	33.2	49.8



Instrument :
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ClientSampleId :
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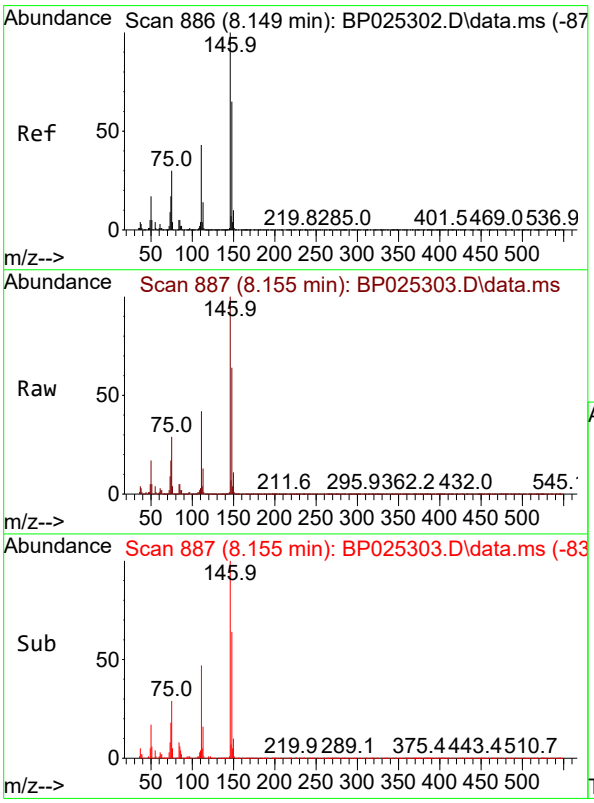
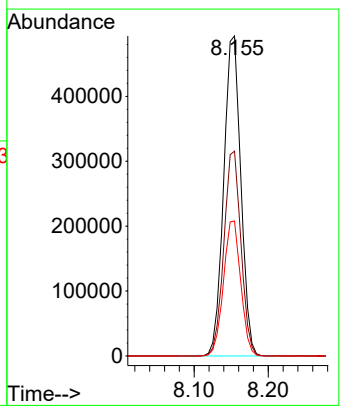
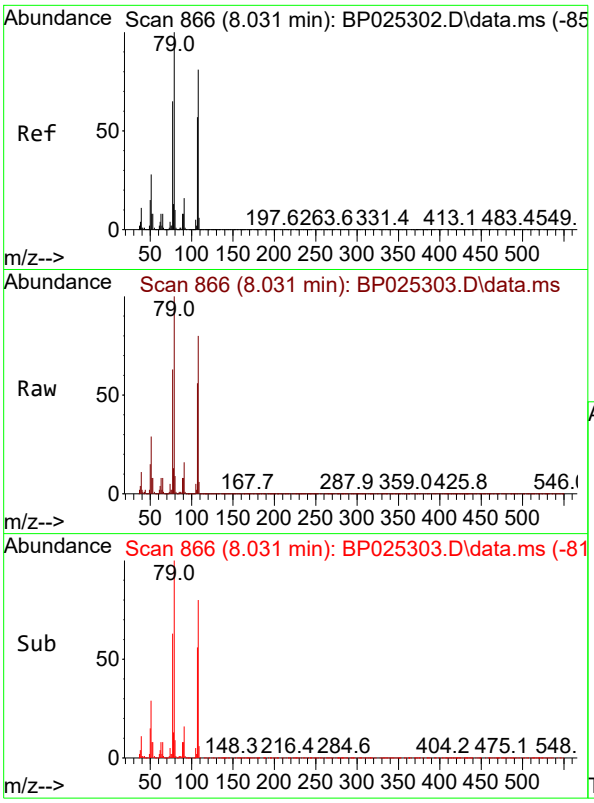


#14
1,2-Dichlorobenzene
Concen: 51.749 ng
RT: 8.155 min Scan# 887
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:146 Resp: 791692

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	42.2	34.4	51.6

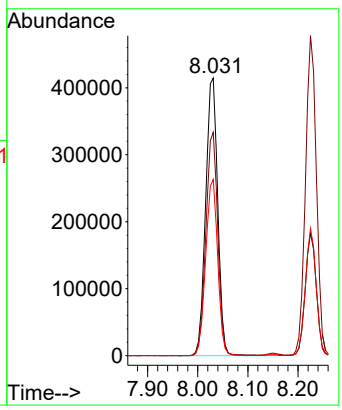




#15
Benzyl Alcohol
Concen: 53.573 ng
RT: 8.031 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 79 Resp: 69364

Ion	Ratio	Lower	Upper
79	100		
108	80.4	64.5	96.7
77	63.5	51.9	77.9



Instrument :
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ClientSampleId :
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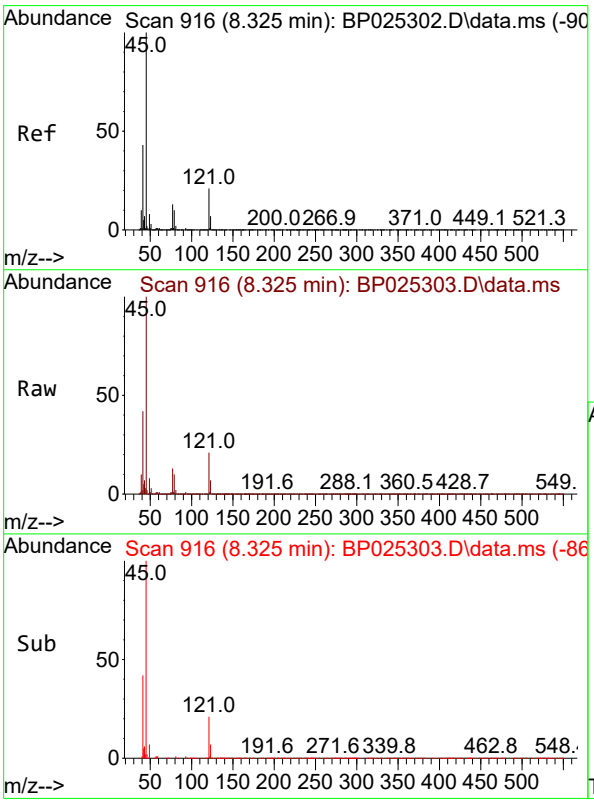
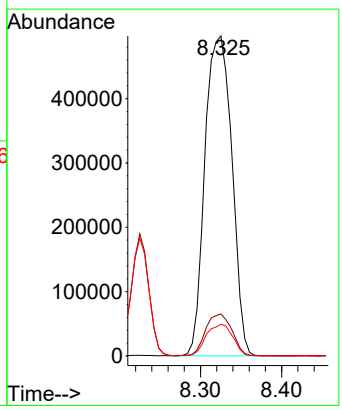
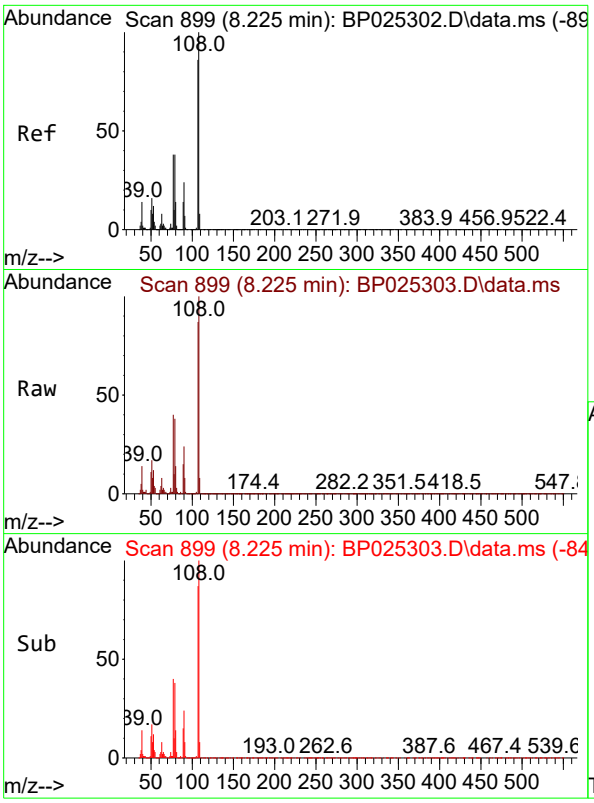


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.937 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 45 Resp: 1148882

Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.0
79	9.9	0.0	29.8

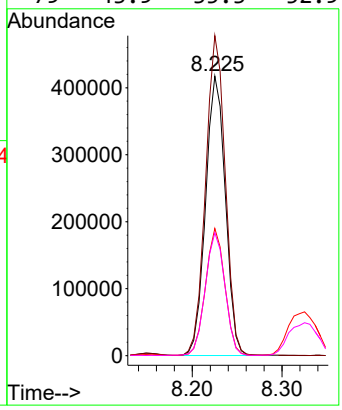




#17
2-Methylphenol
Concen: 53.483 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:107 Resp: 63957

Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.6	139.0
77	45.5	35.4	53.2
79	43.9	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
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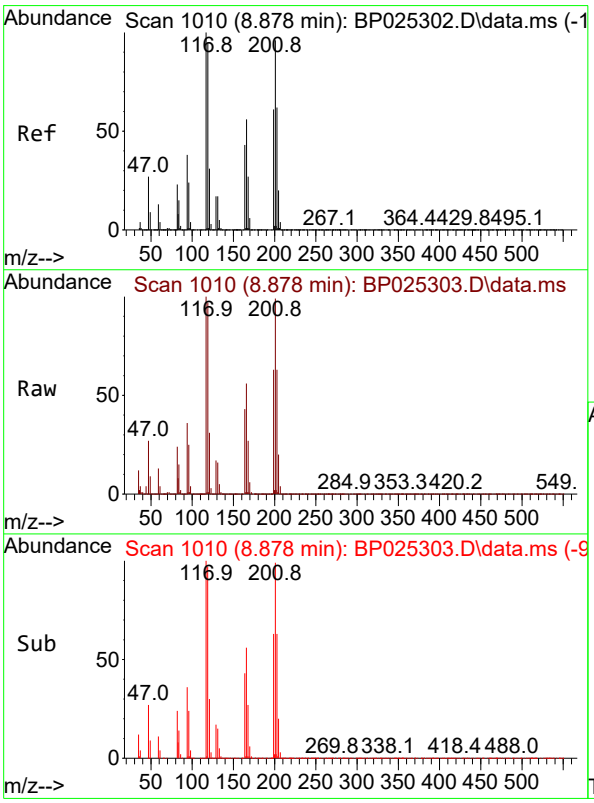
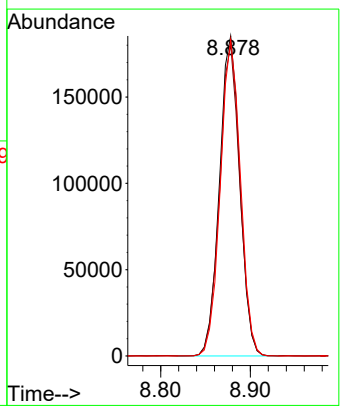
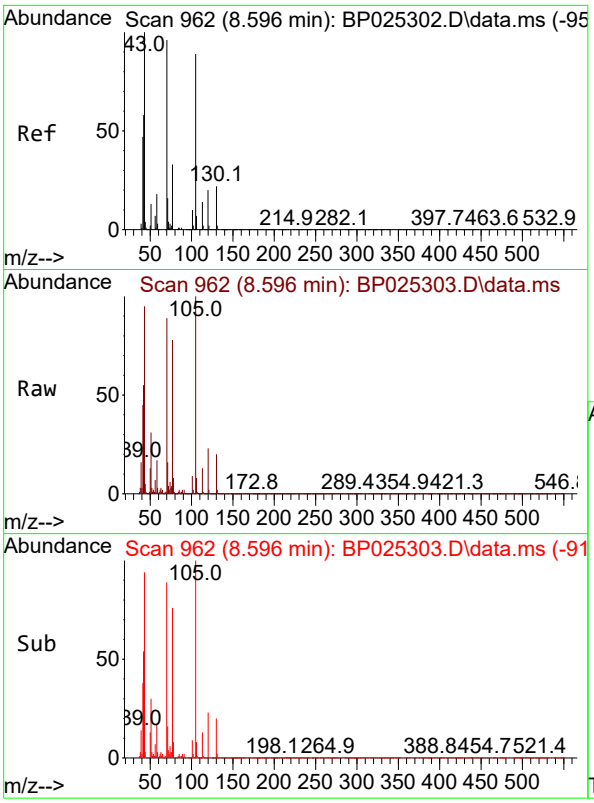


#18
Hexachloroethane
Concen: 51.649 ng
RT: 8.878 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:117 Resp: 291706

Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	98.9	76.6	114.8

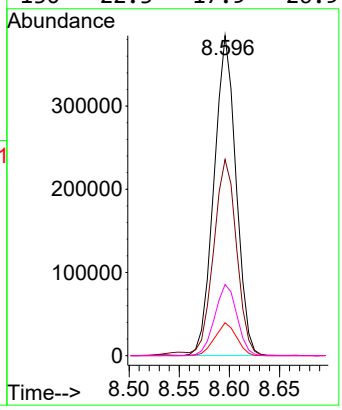




#19
n-Nitroso-di-n-propylamine
Concen: 53.300 ng
RT: 8.596 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 70 Resp: 58494

Ion	Ratio	Lower	Upper
70	100		
42	61.3	49.4	74.0
101	10.3	7.9	11.9
130	22.3	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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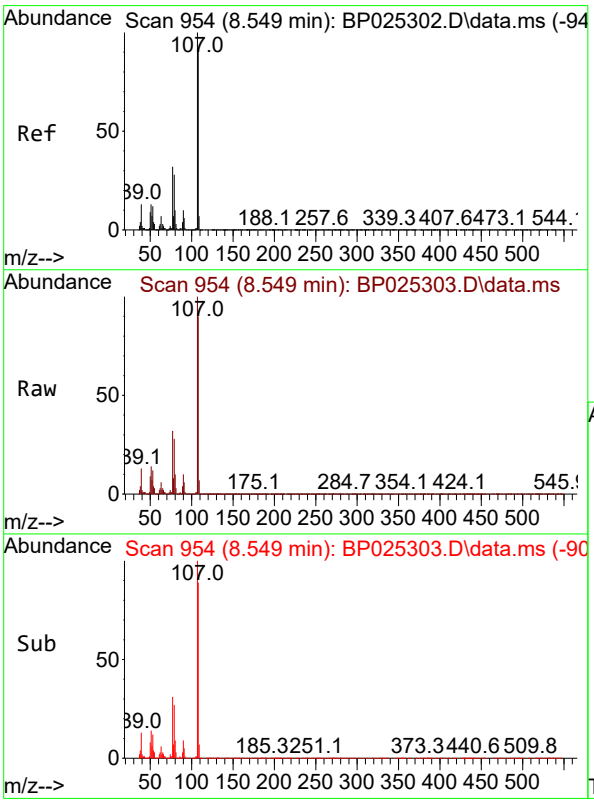
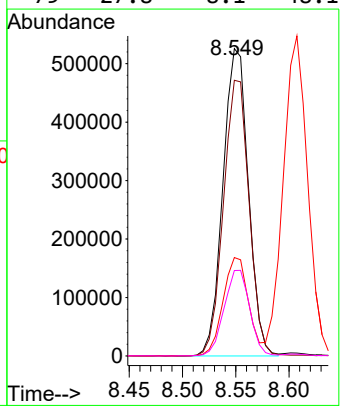
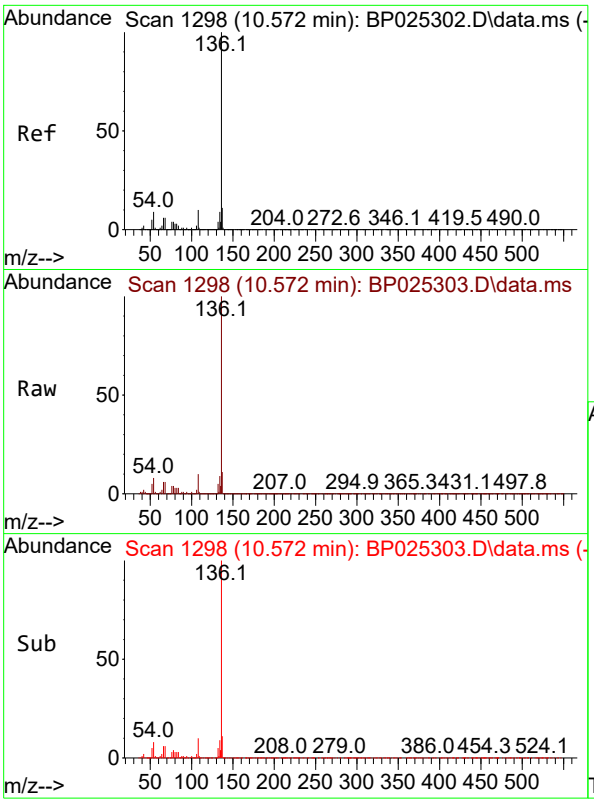


#20
3+4-Methylphenols
Concen: 53.075 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:107 Resp: 873995

Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.9	111.9
77	32.0	12.0	52.0
79	27.8	8.1	48.1

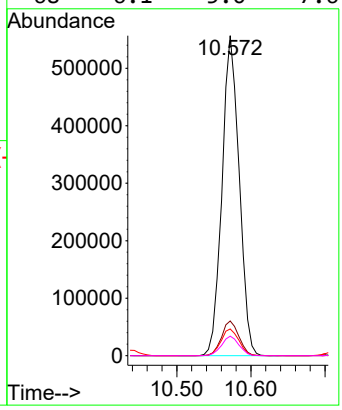




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:136 Resp: 89527

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	7.0	10.6
68	6.1	5.0	7.6



Instrument :
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ClientSampleId :
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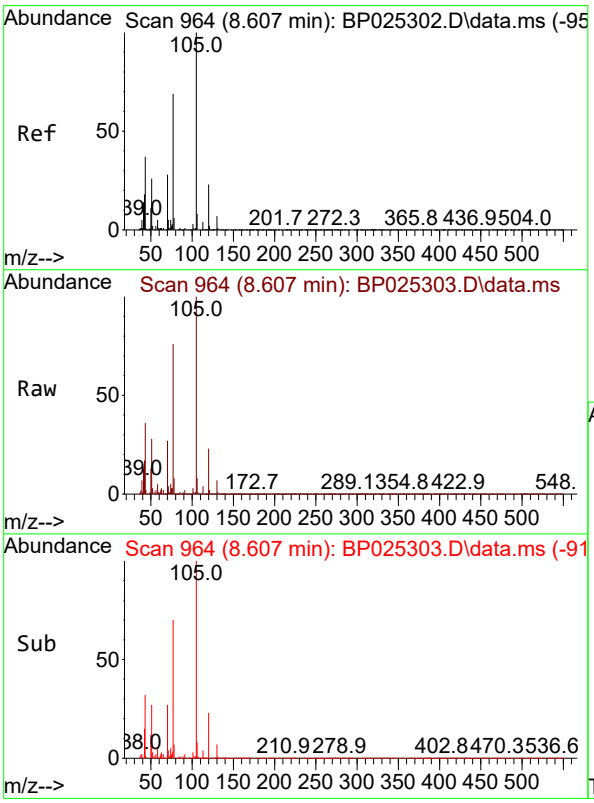
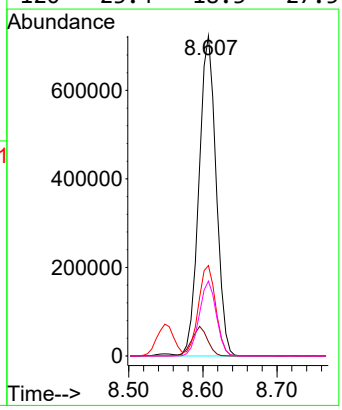
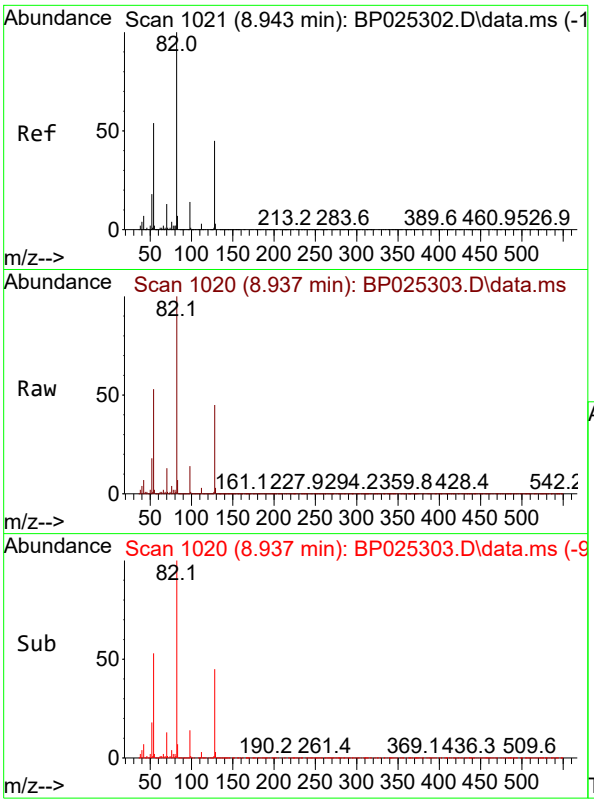


#22
Acetophenone
Concen: 51.524 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:105 Resp: 1157990

Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.1	6.1
51	28.2	22.7	34.1
120	23.4	18.3	27.5

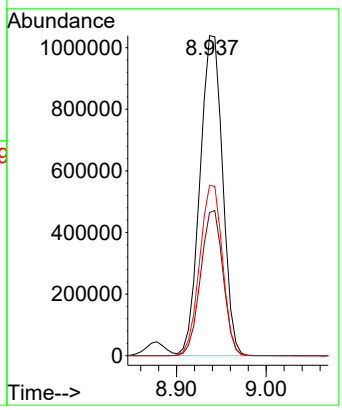




#23
Nitrobenzene-d5
Concen: 110.005 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 82 Resp: 182022

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.4	53.2
54	53.3	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
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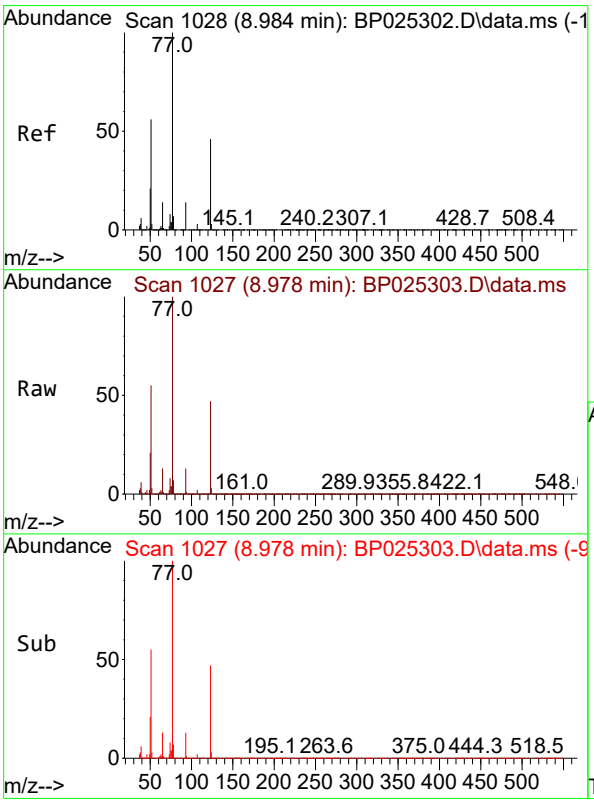
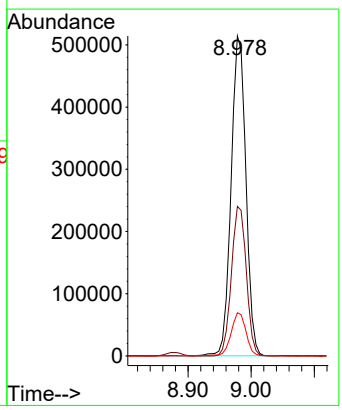
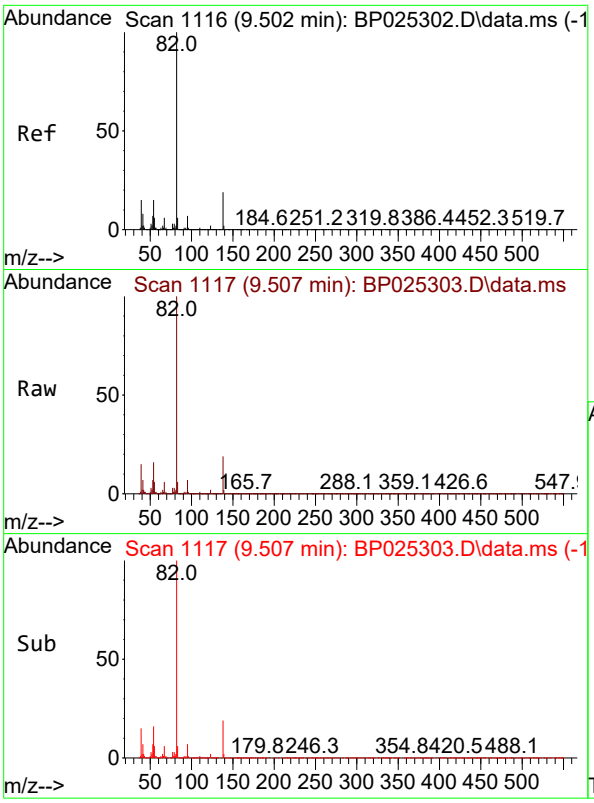


#24
Nitrobenzene
Concen: 54.626 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 77 Resp: 835622

Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.4	56.2
65	13.5	11.1	16.7

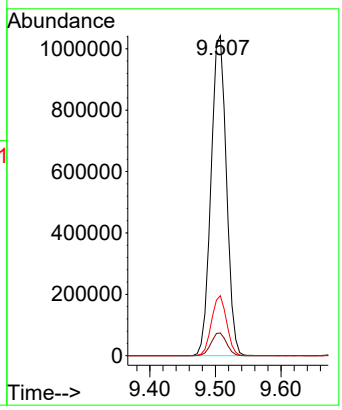




#25
Isophorone
Concen: 52.827 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.005 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 82 Resp: 169929

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	18.7	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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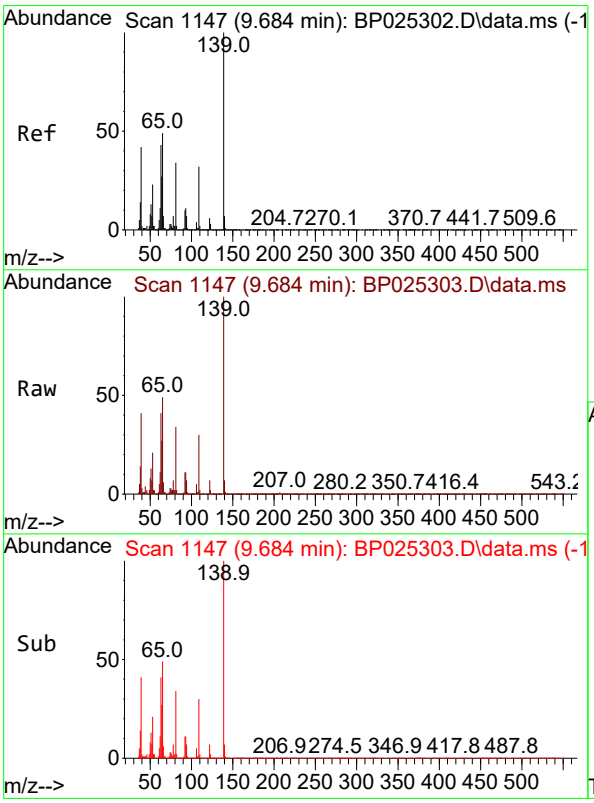
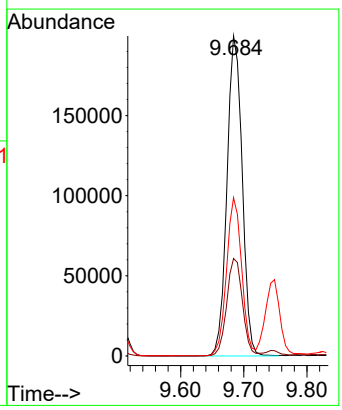
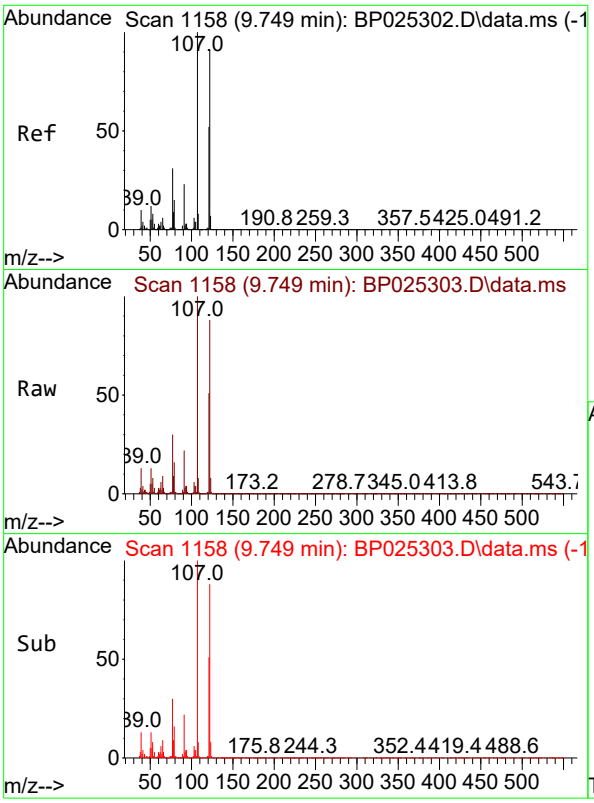


#26
2-Nitrophenol
Concen: 49.999 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:139 Resp: 334267

Ion	Ratio	Lower	Upper
139	100		
109	30.5	25.2	37.8
65	49.4	39.6	59.4

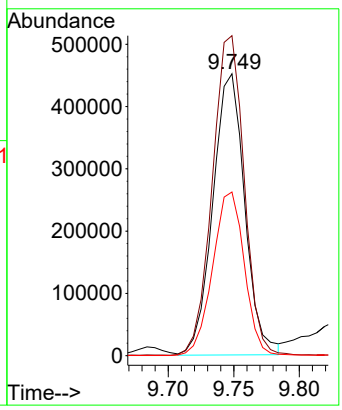




#27
2,4-Dimethylphenol
Concen: 51.553 ng
RT: 9.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:122 Resp: 764549

Ion	Ratio	Lower	Upper
122	100		
107	113.5	87.4	131.0
121	58.1	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
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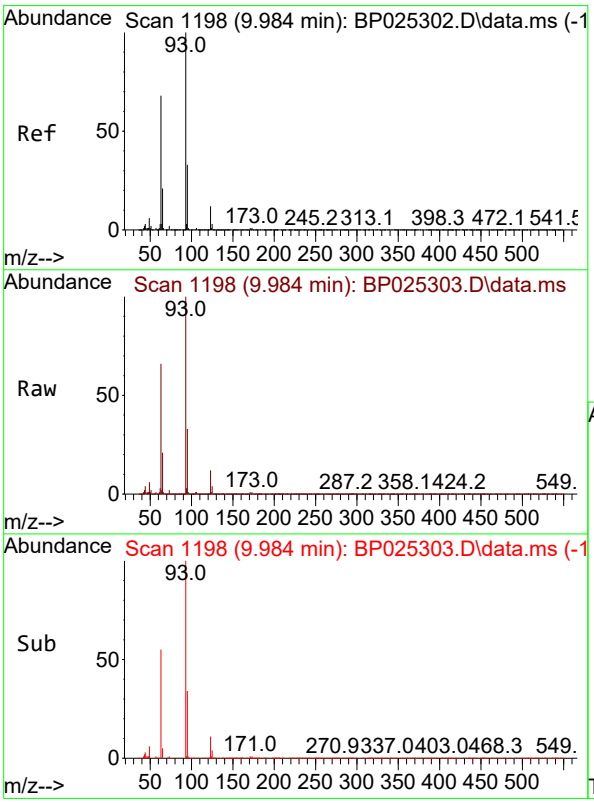
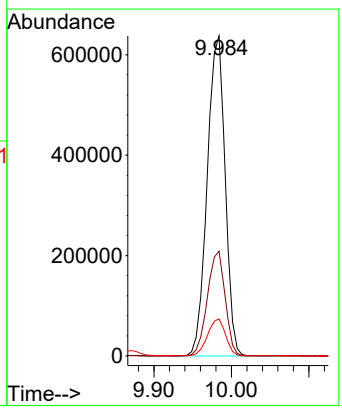
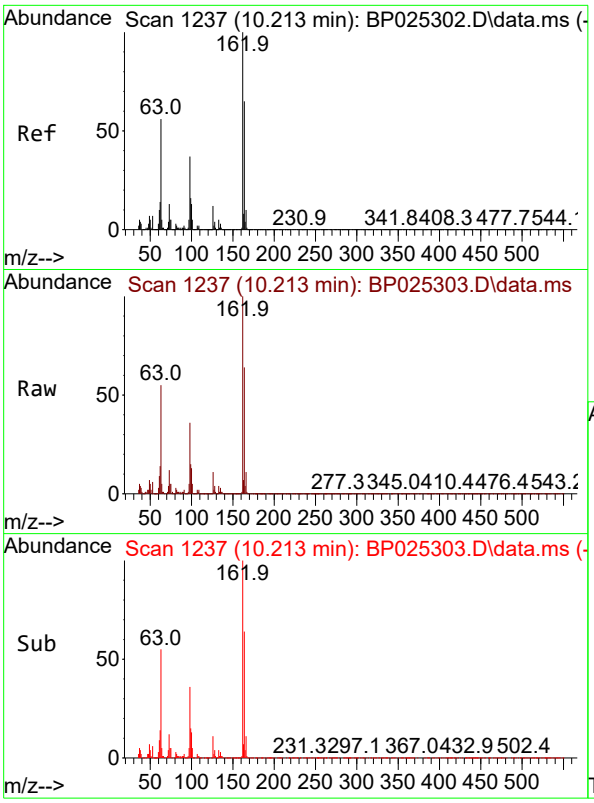


#28
bis(2-Chloroethoxy)methane
Concen: 52.308 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 93 Resp: 1023578

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	11.6	9.4	14.2

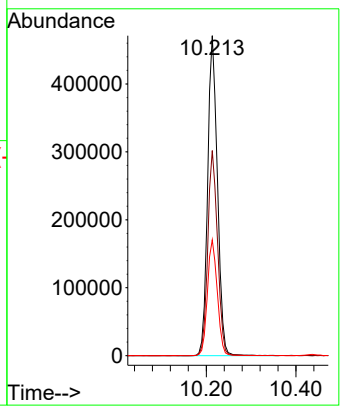




#29
2,4-Dichlorophenol
Concen: 54.711 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:162 Resp: 71035

Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.2	85.2
98	36.2	17.5	57.5



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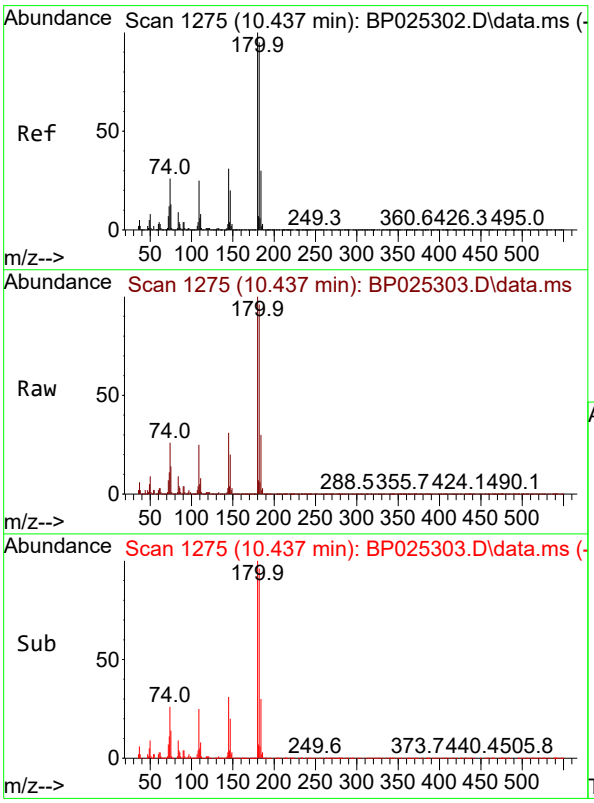
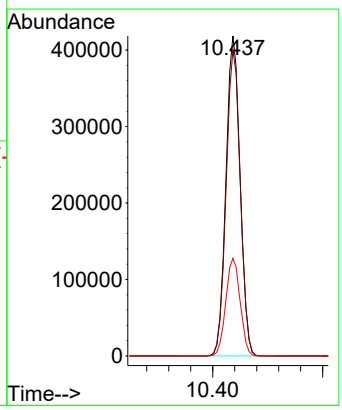
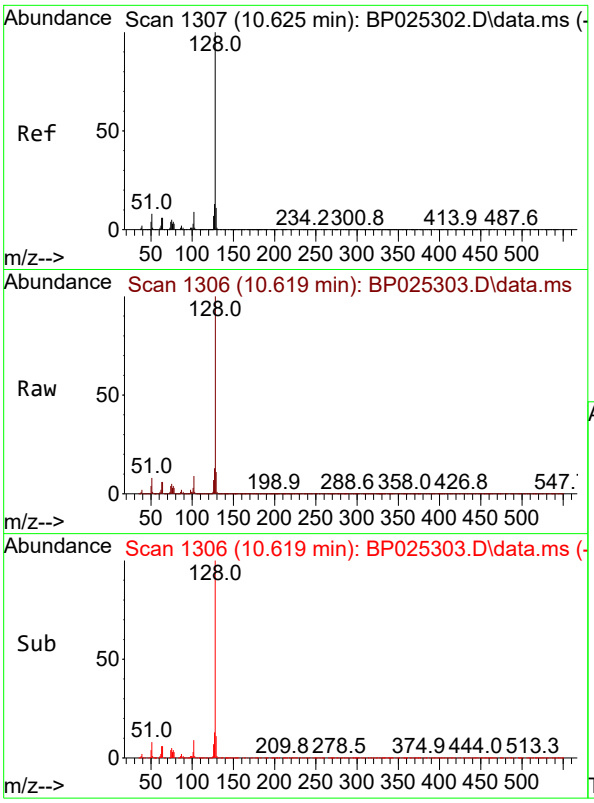


#30
1,2,4-Trichlorobenzene
Concen: 52.150 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:180 Resp: 747003

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.8
145	30.5	25.0	37.4

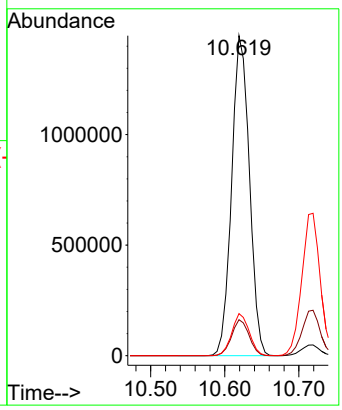




#31
Naphthalene
Concen: 51.746 ng
RT: 10.619 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:128 Resp: 240495

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.1	10.4	15.6



Instrument :
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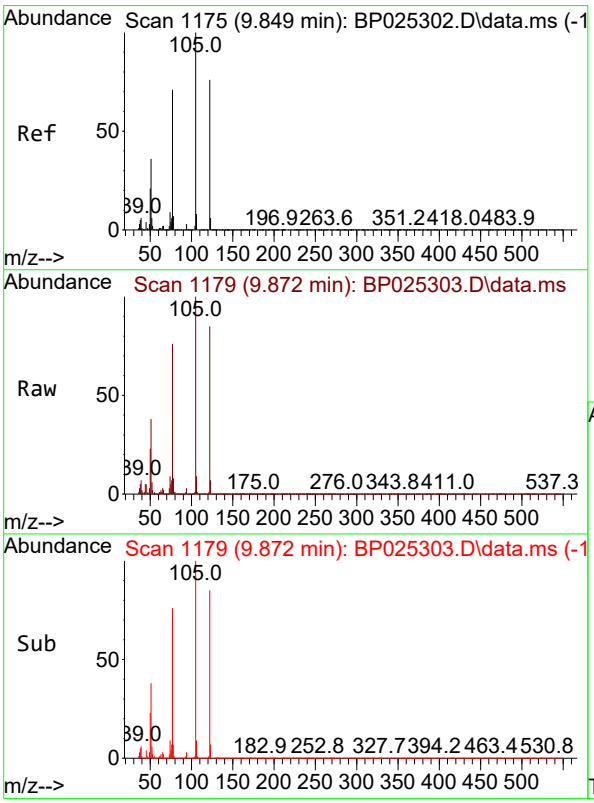
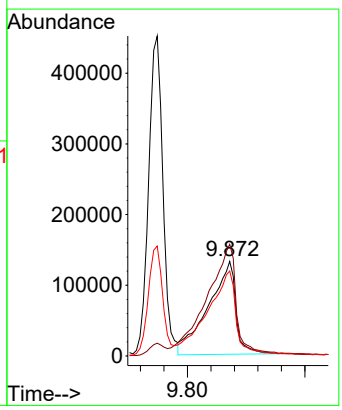
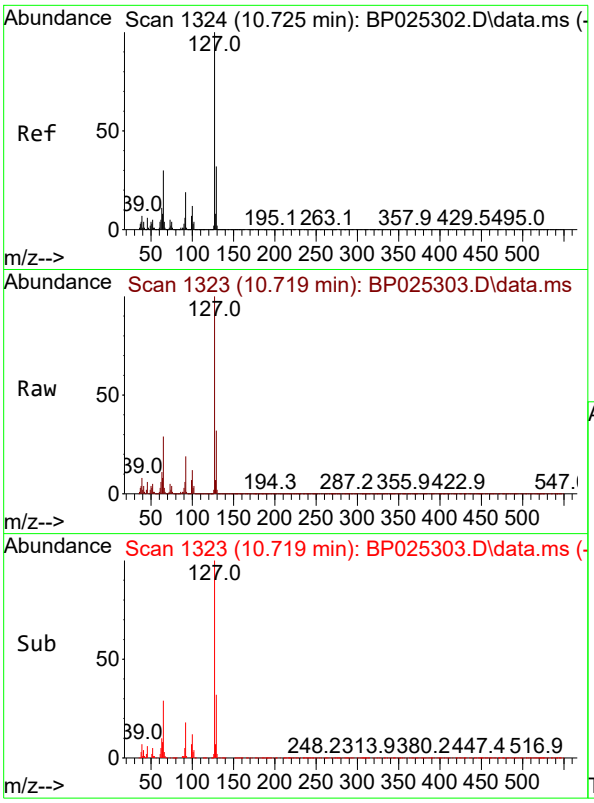


#32
Benzoic acid
Concen: 49.747 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.023 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:122 Resp: 427207

Ion	Ratio	Lower	Upper
122	100		
105	118.0	104.0	144.0
77	89.7	71.8	111.8

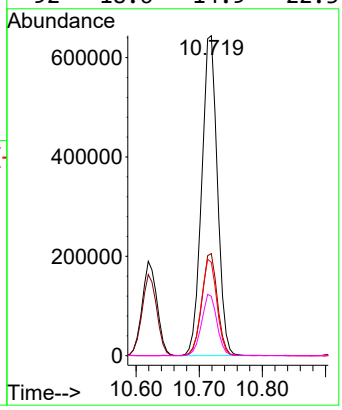




#33
4-Chloroaniline
Concen: 53.624 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:127 Resp: 110842

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	29.2	23.6	35.4
92	18.6	14.9	22.3



Instrument :
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ClientSampleId :
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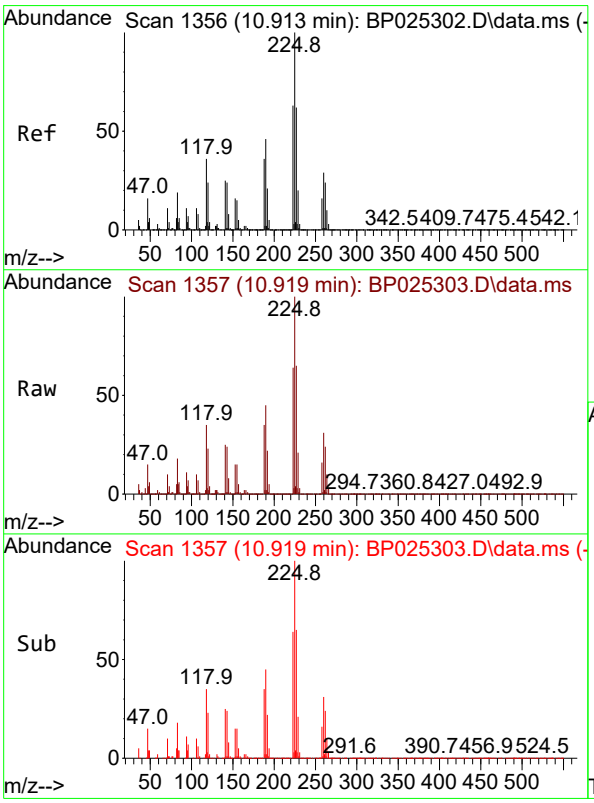
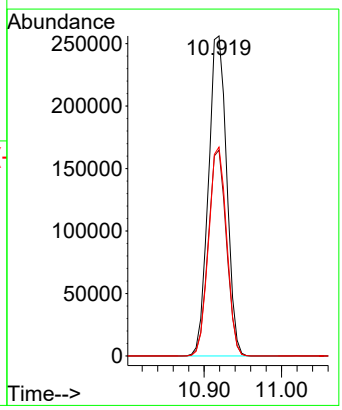
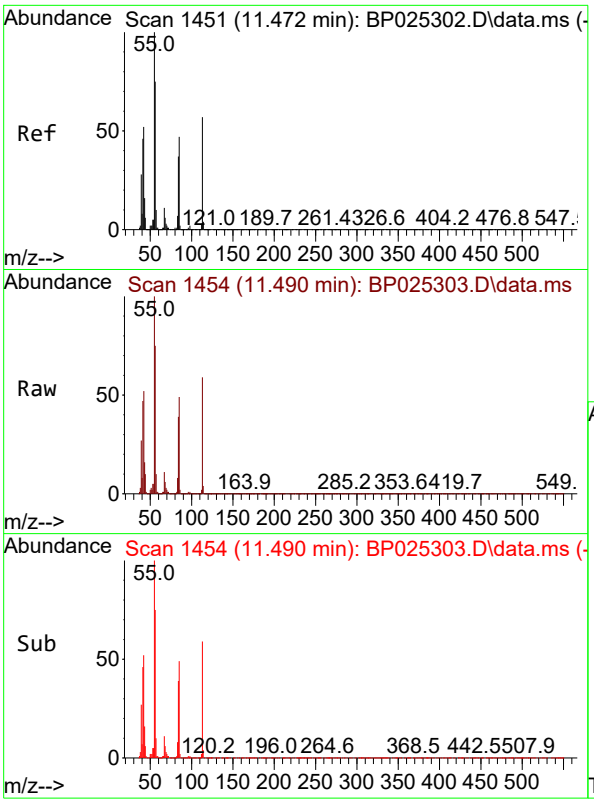


#34
Hexachlorobutadiene
Concen: 51.144 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:225 Resp: 420532

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.3	75.5
227	65.3	49.7	74.5





#35
Caprolactam
Concen: 54.273 ng
RT: 11.490 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 27397

Ion	Ratio	Lower	Upper
113	100		
55	169.0	154.4	194.4
56	127.5	110.9	150.9

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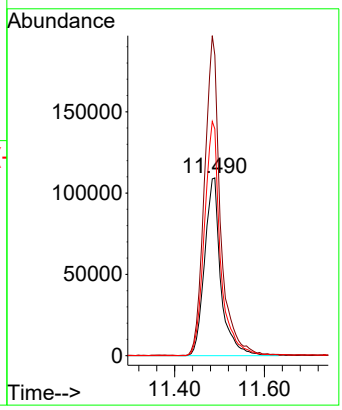
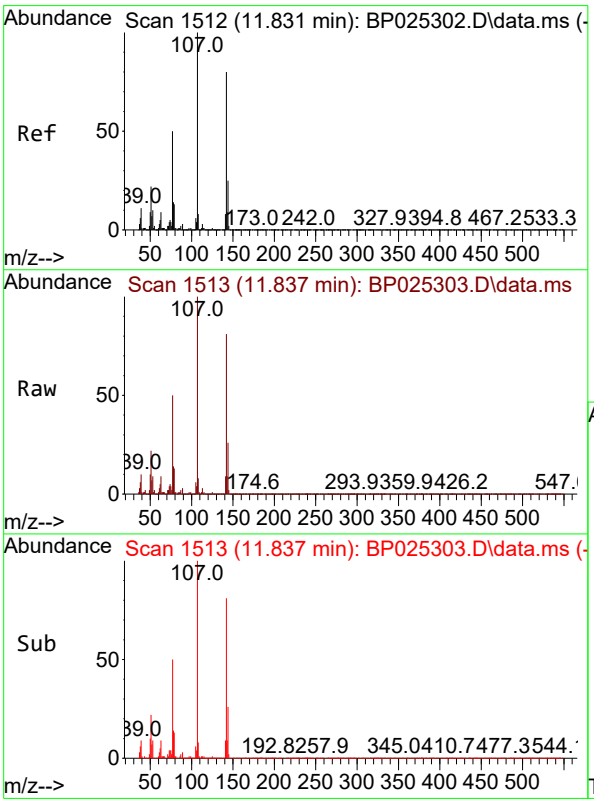
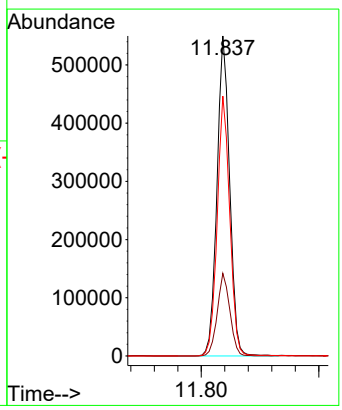


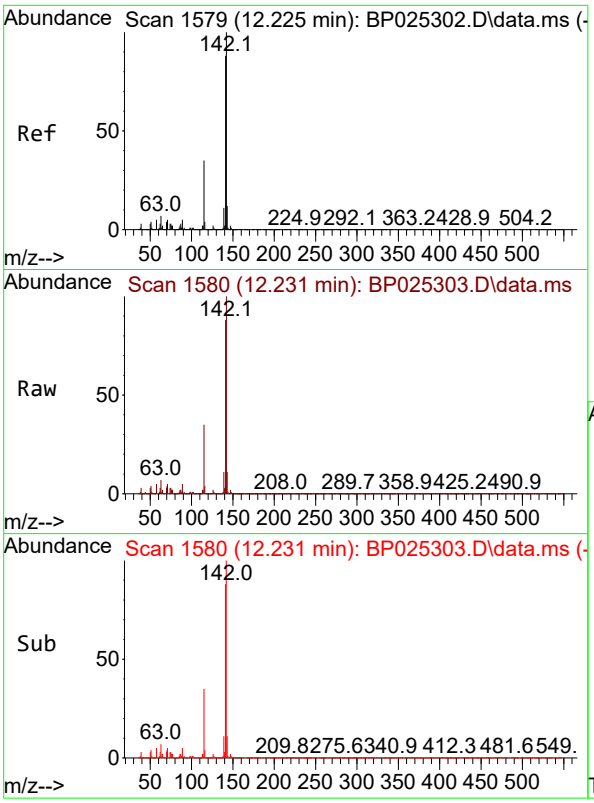


#36
4-Chloro-3-methylphenol
Concen: 54.768 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:107 Resp: 822806

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.4	30.6
142	81.2	63.7	95.5

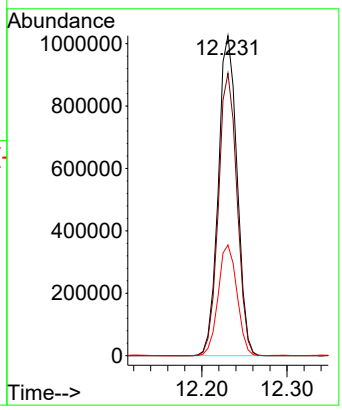




#37
2-Methylnaphthalene
Concen: 52.175 ng
RT: 12.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:142 Resp: 156952

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	34.6	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
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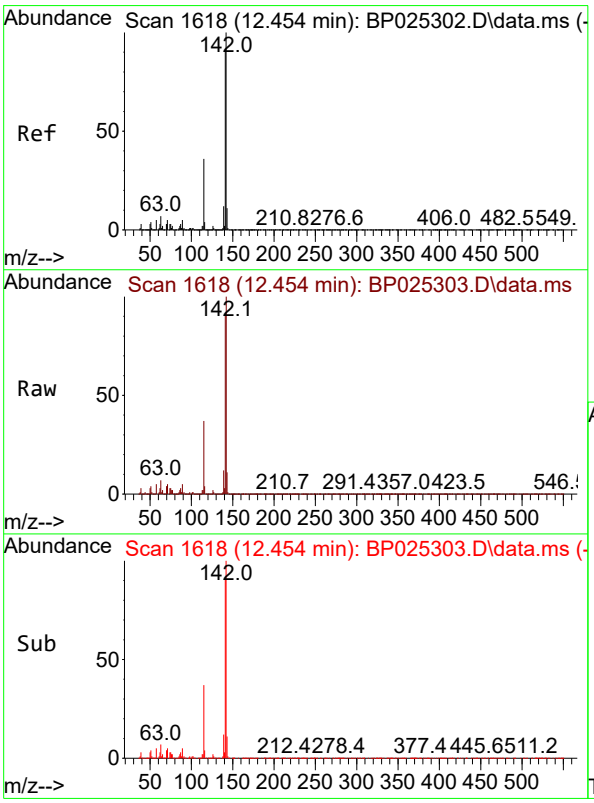
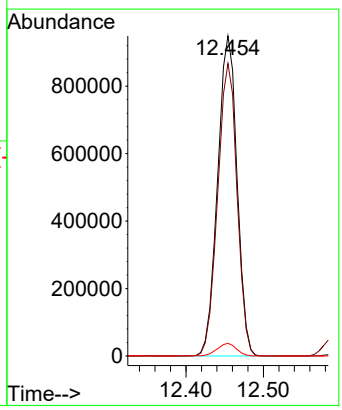
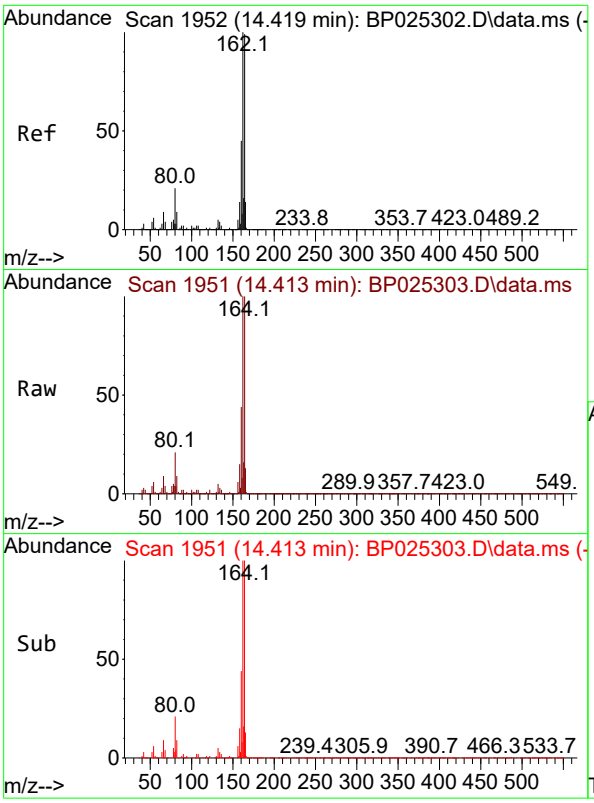


#38
1-Methylnaphthalene
Concen: 52.701 ng
RT: 12.454 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:142 Resp: 1654175

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.6
116	3.9	3.0	4.6

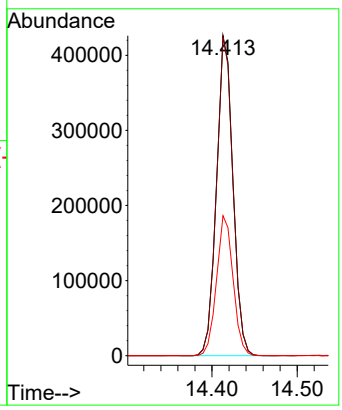




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:164 Resp: 57161

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	43.8	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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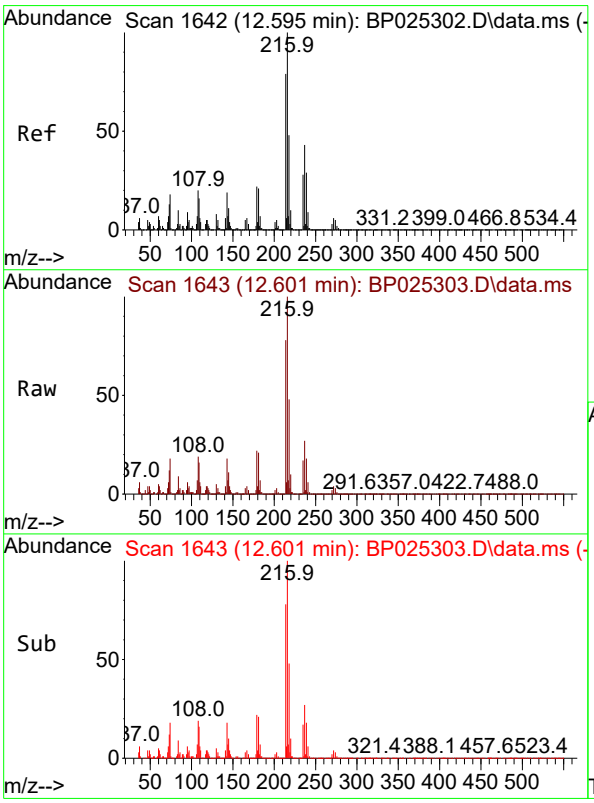
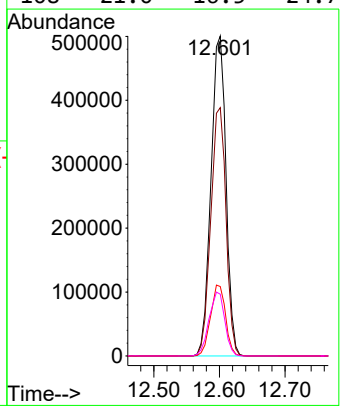
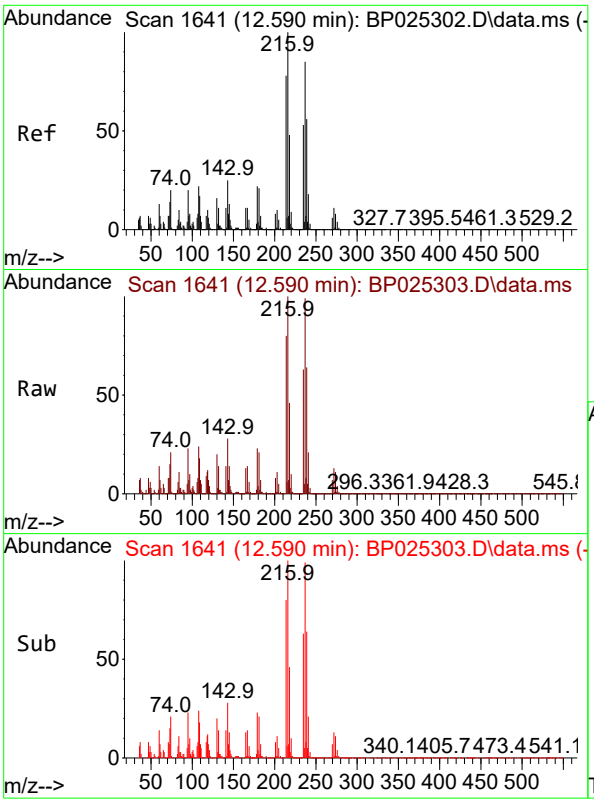


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.962 ng
RT: 12.601 min Scan# 1643
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:216 Resp: 795310

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.4	93.6
179	22.2	17.5	26.3
108	21.0	16.5	24.7

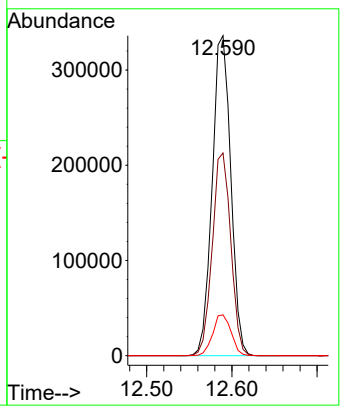




#41
Hexachlorocyclopentadiene
Concen: 53.061 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:237 Resp: 51106

Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.2	82.2
272	12.8	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
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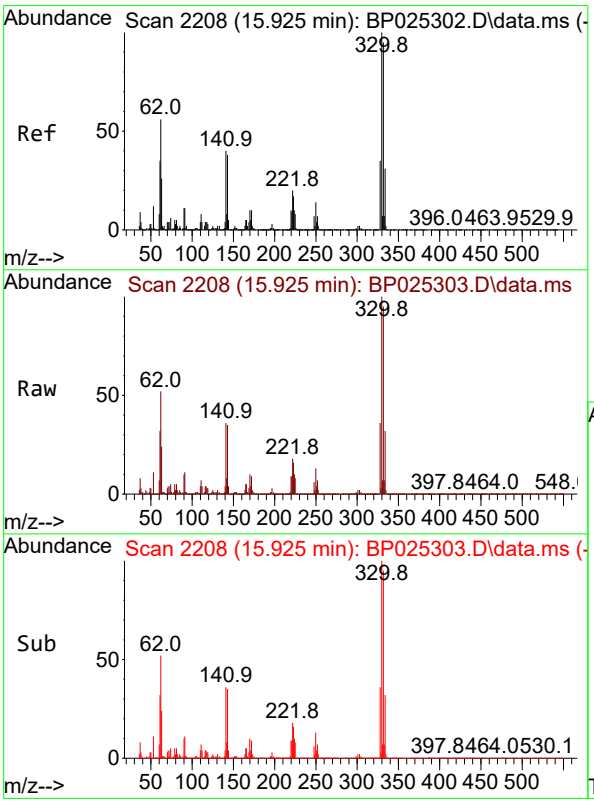
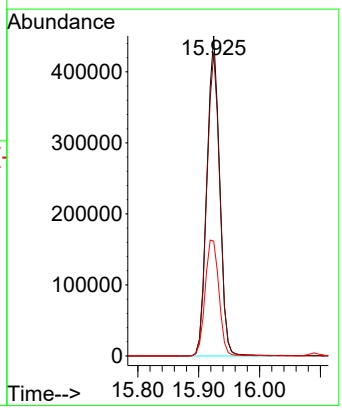
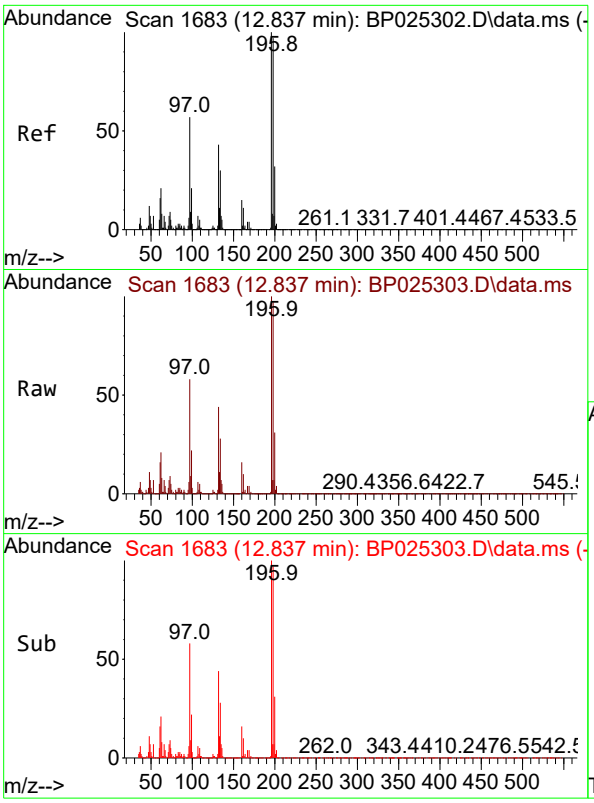


#42
2,4,6-Tribromophenol
Concen: 110.884 ng
RT: 15.925 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:330 Resp: 654420

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	39.3	31.7	47.5

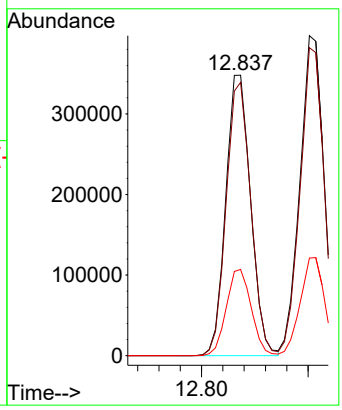




#43
2,4,6-Trichlorophenol
Concen: 56.046 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:196 Resp: 565018

Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.3	115.9
200	30.8	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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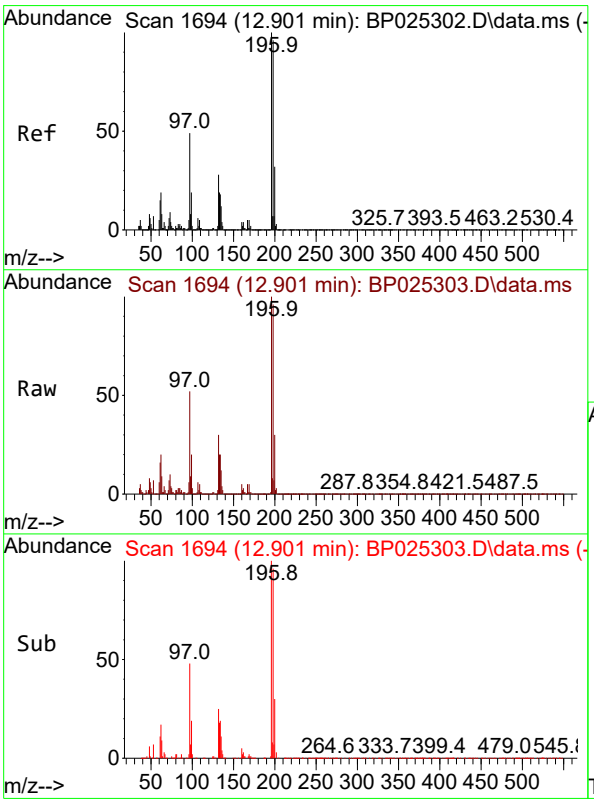
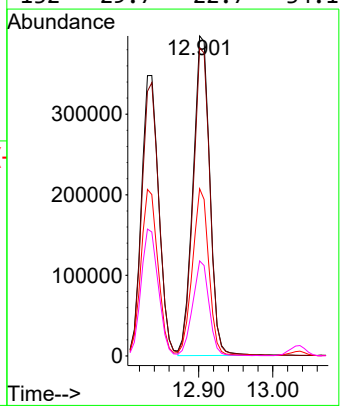
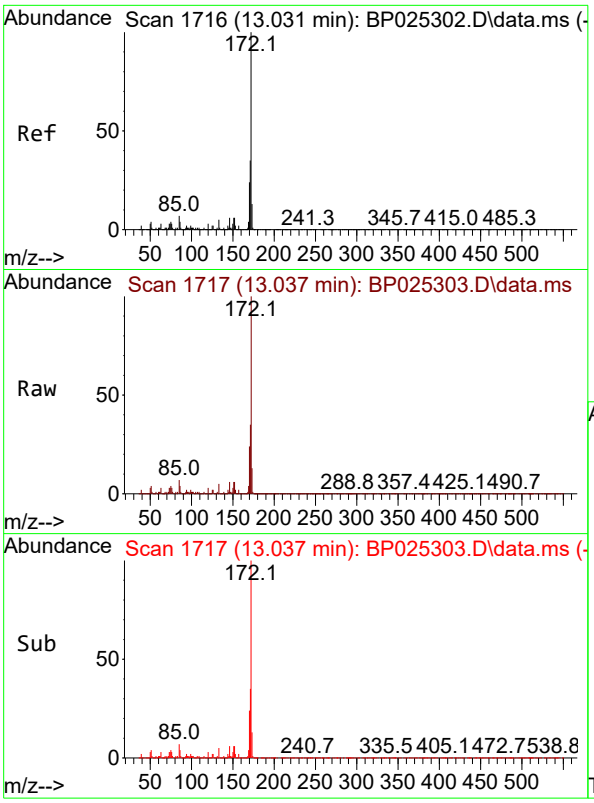


#44
2,4,5-Trichlorophenol
Concen: 55.243 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:196 Resp: 624750

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	114.8
97	52.2	39.5	59.3
132	29.7	22.7	34.1

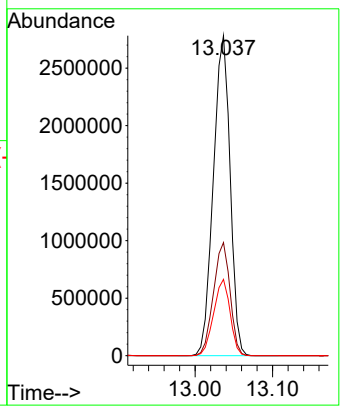




#45
2-Fluorobiphenyl
Concen: 101.643 ng
RT: 13.037 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:172 Resp: 418412

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.9	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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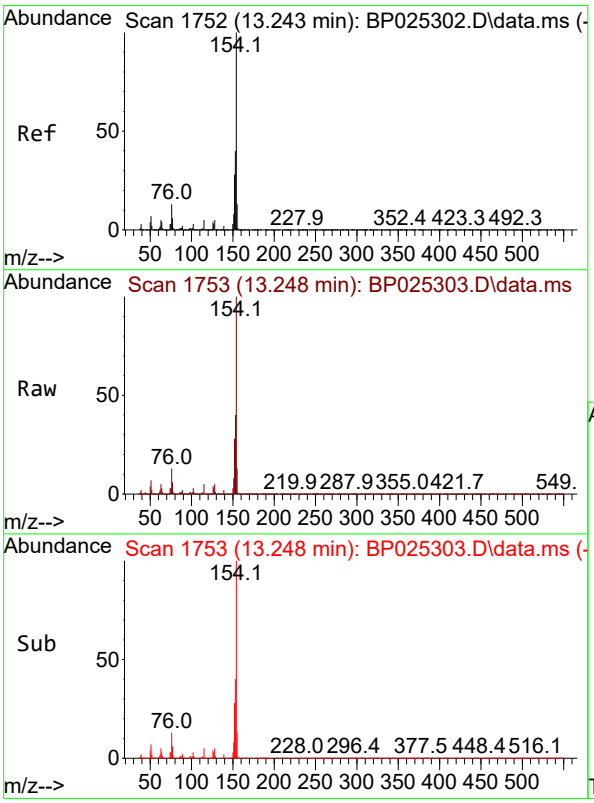
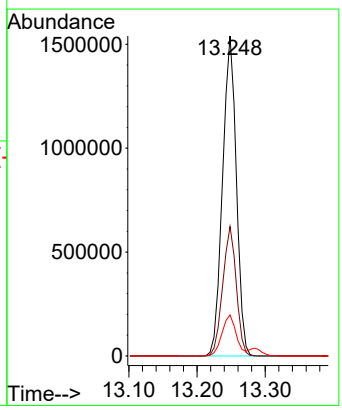
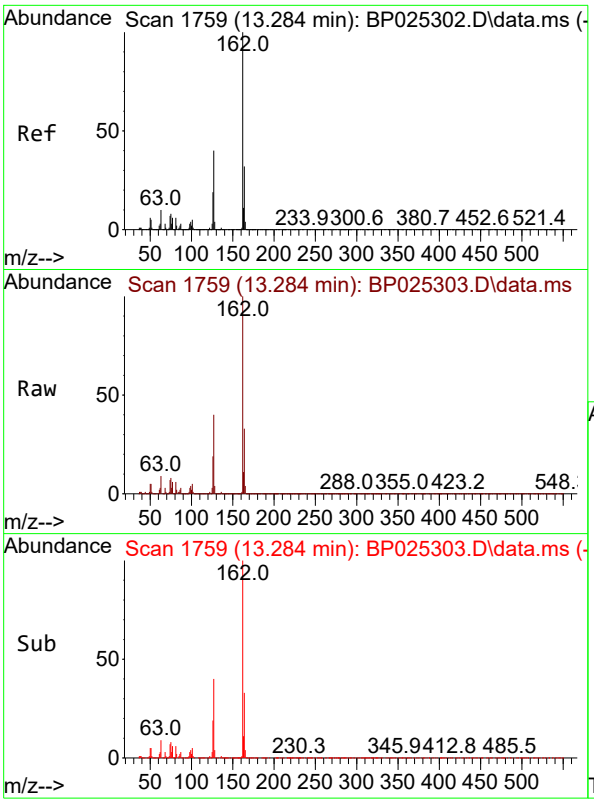


#46
1,1'-Biphenyl
Concen: 51.457 ng
RT: 13.248 min Scan# 1753
Delta R.T. 0.005 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:154 Resp: 2167632

Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.9	59.9
76	12.8	0.0	33.2

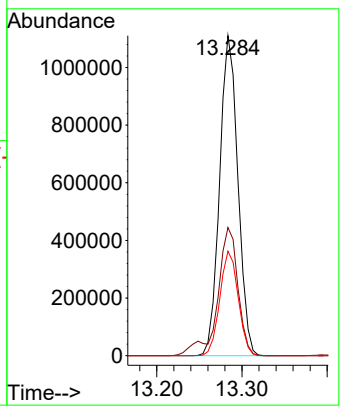




#47
2-Chloronaphthalene
Concen: 51.548 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:162 Resp: 165665

Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.2	48.2
164	32.6	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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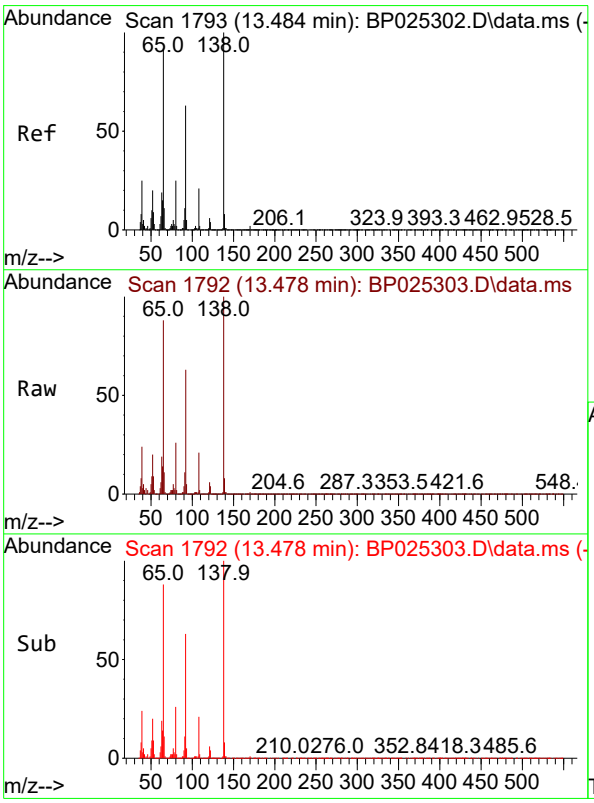
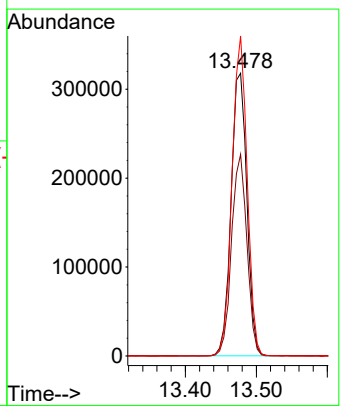
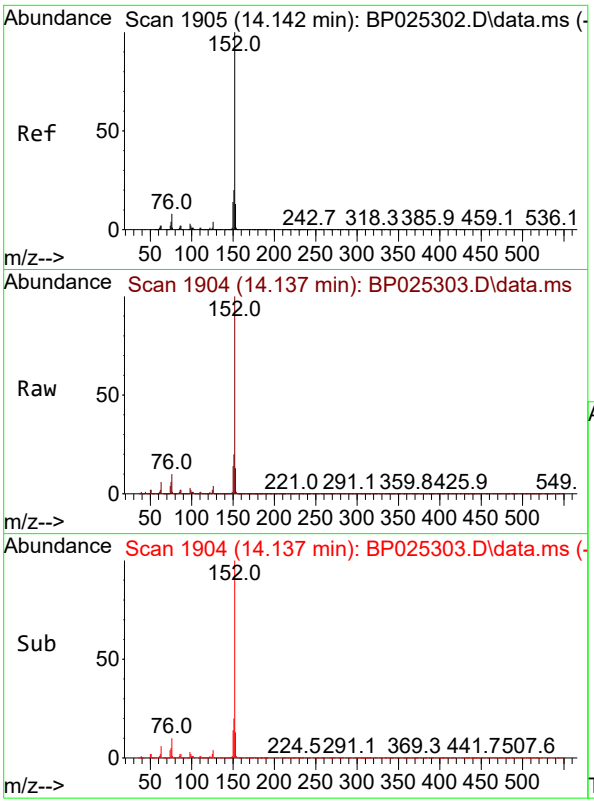


#48
2-Nitroaniline
Concen: 51.971 ng
RT: 13.478 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 65 Resp: 491730

Ion	Ratio	Lower	Upper
65	100		
92	71.3	54.4	81.6
138	113.2	87.0	130.4

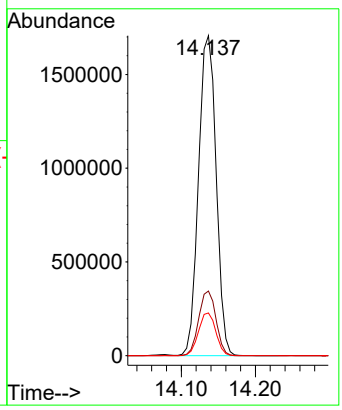




#49
Acenaphthylene
Concen: 52.537 ng
RT: 14.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:152 Resp: 281636

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.3	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
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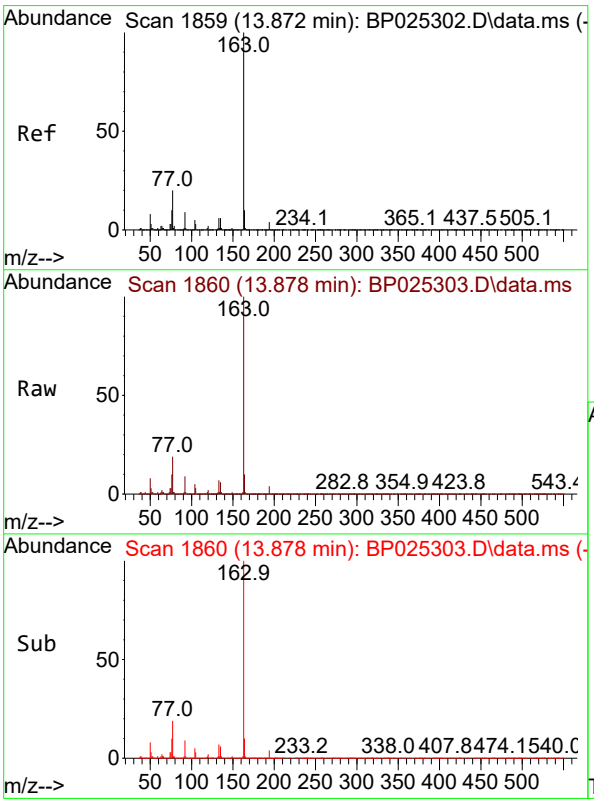
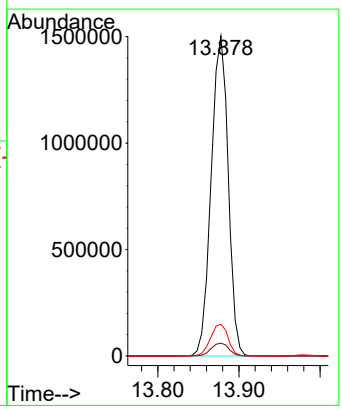
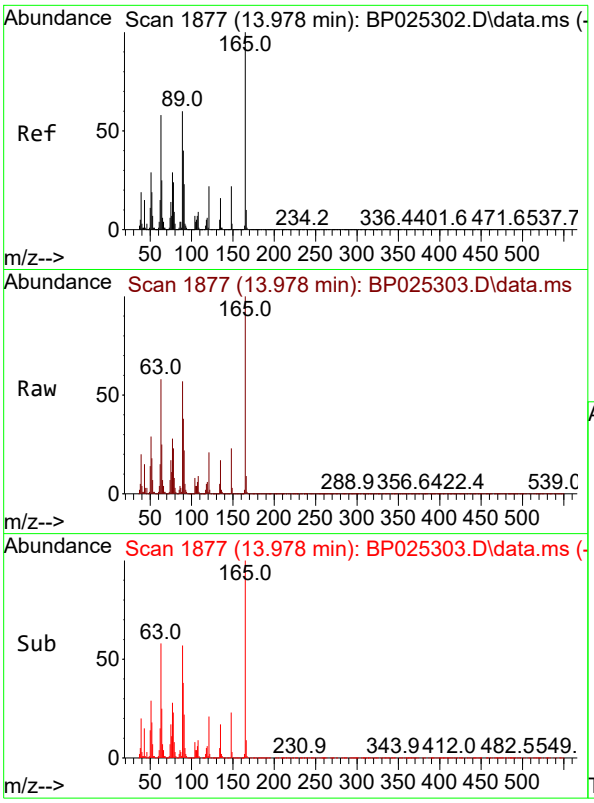


#50
Dimethylphthalate
Concen: 52.544 ng
RT: 13.878 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:163 Resp: 2189488

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 57.323 ng
RT: 13.978 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:165 Resp: 44059

Ion	Ratio	Lower	Upper
165	100		
63	58.1	47.6	71.4
89	57.1	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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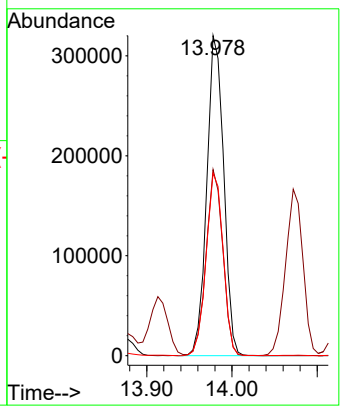
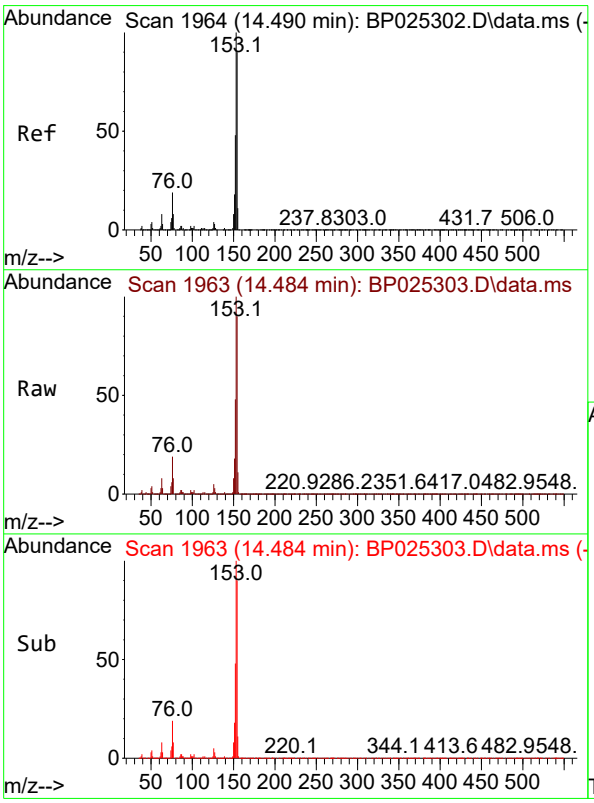
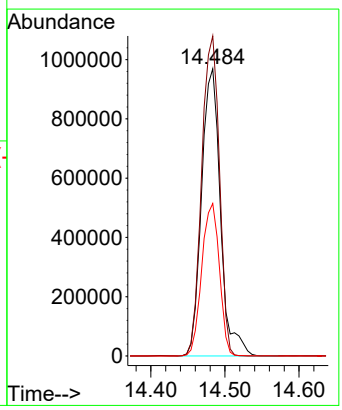


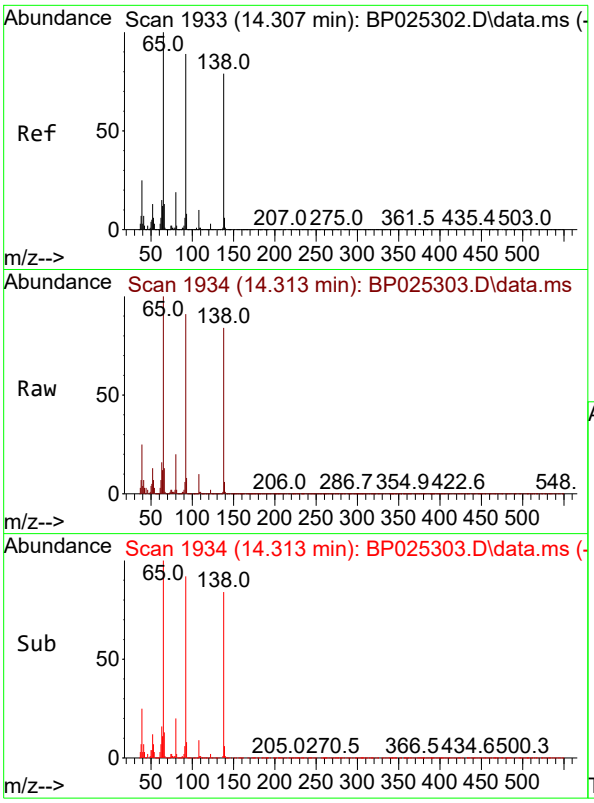


#52
Acenaphthene
Concen: 52.489 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:154 Resp: 1716317

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.4	134.0
152	53.1	43.0	64.6

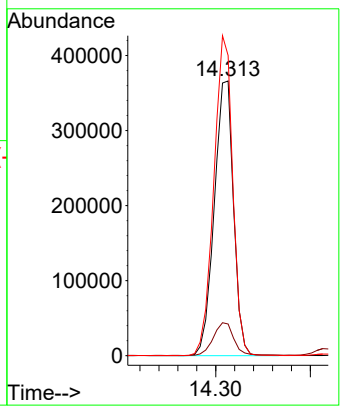




#53
3-Nitroaniline
Concen: 57.487 ng
RT: 14.313 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:138 Resp: 51702

Ion	Ratio	Lower	Upper
138	100		
108	11.5	10.5	15.7
92	109.3	90.9	136.3



Instrument :
BNA_P
ClientSampleId :
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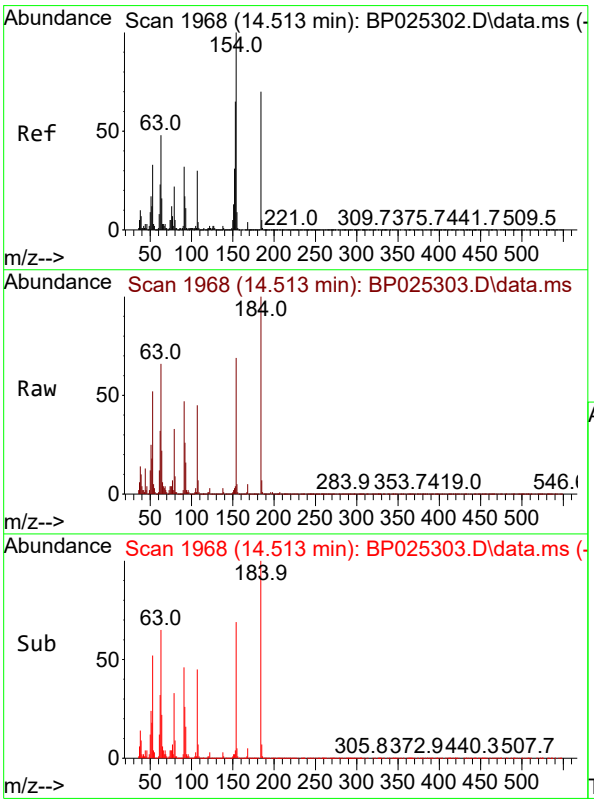
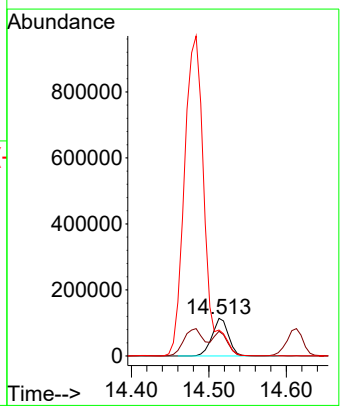
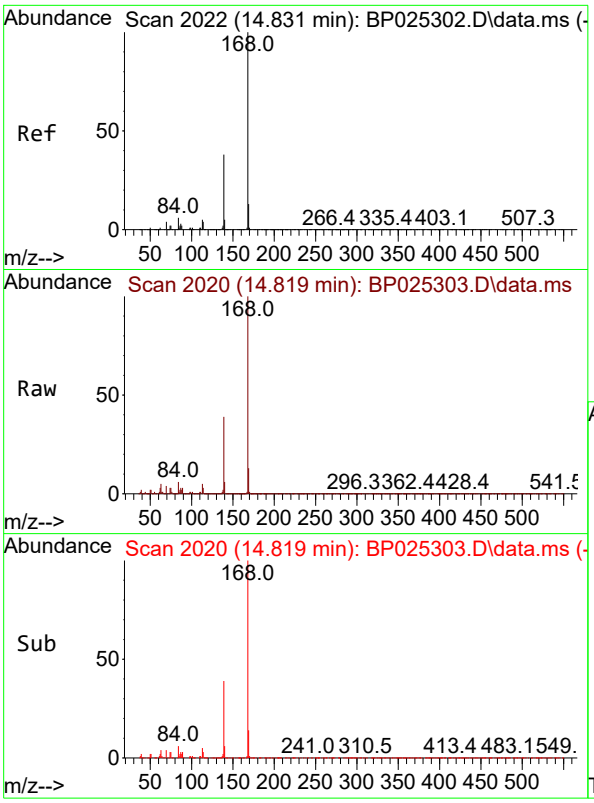


#54
2,4-Dinitrophenol
Concen: 50.836 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:184 Resp: 167500

Ion	Ratio	Lower	Upper
184	100		
63	65.6	56.3	84.5
154	69.0	124.5	186.7#

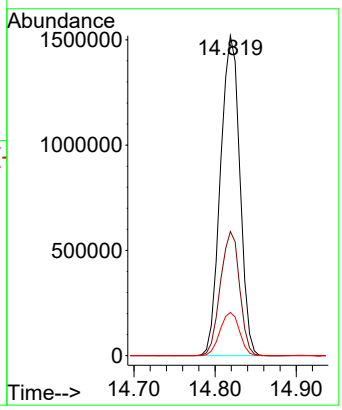




#55
Dibenzofuran
Concen: 51.534 ng
RT: 14.819 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:168 Resp: 251818

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.5	45.7
169	13.5	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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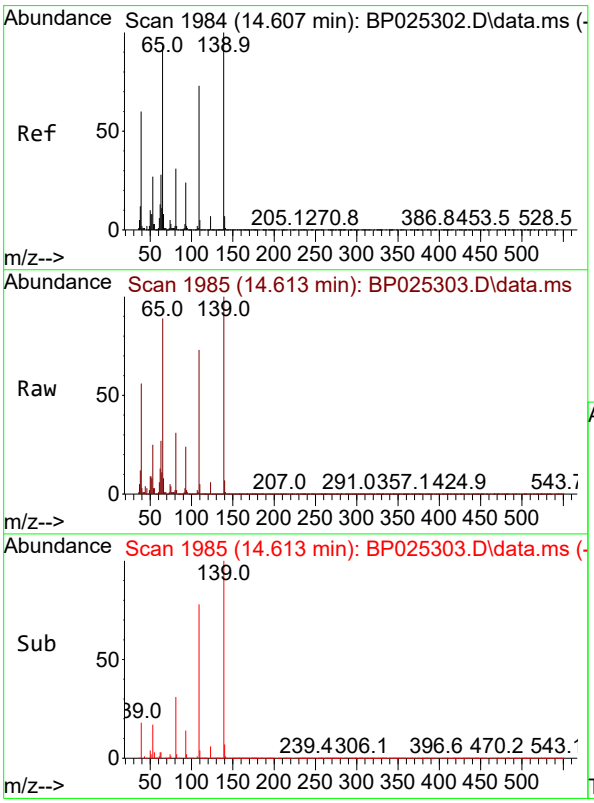
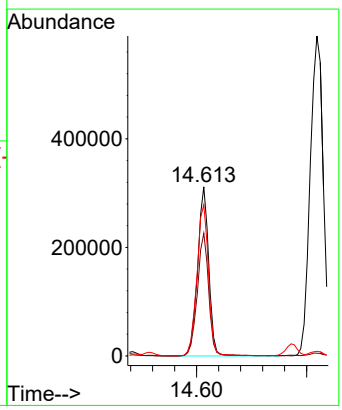
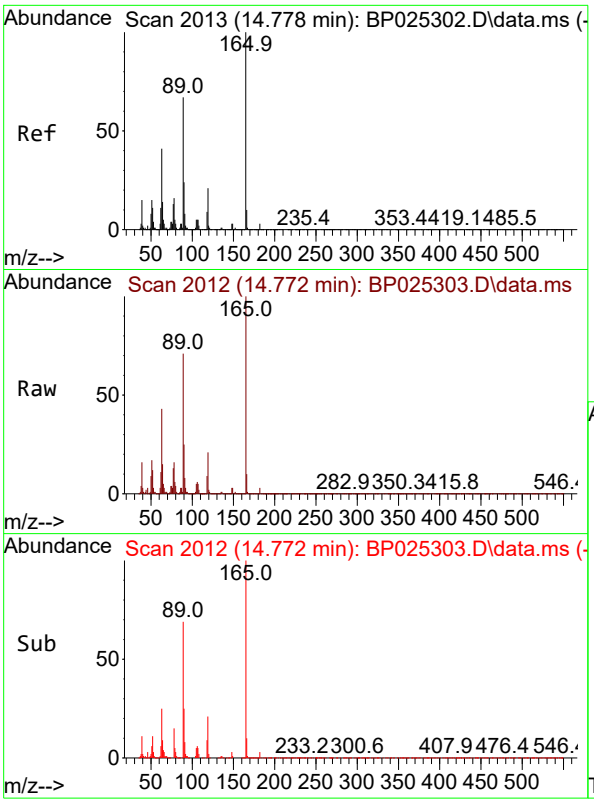


#56
4-Nitrophenol
Concen: 55.392 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:139 Resp: 439677

Ion	Ratio	Lower	Upper
139	100		
109	72.5	52.7	92.7
65	89.4	73.4	113.4

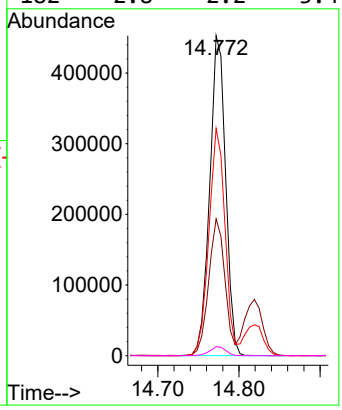




#57
2,4-Dinitrotoluene
Concen: 51.438 ng
RT: 14.772 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:165 Resp: 61585

Ion	Ratio	Lower	Upper
165	100		
63	42.8	33.2	49.8
89	71.0	53.5	80.3
182	2.8	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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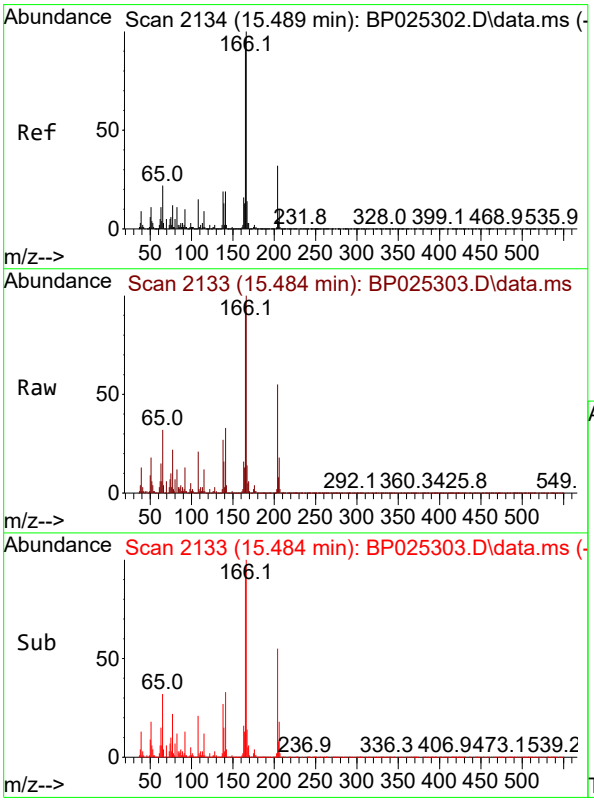
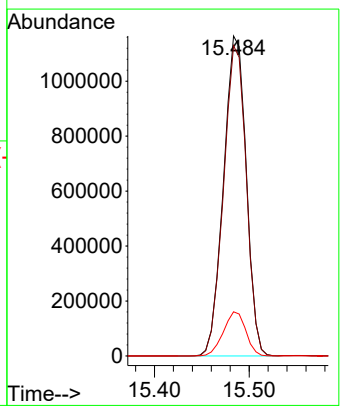
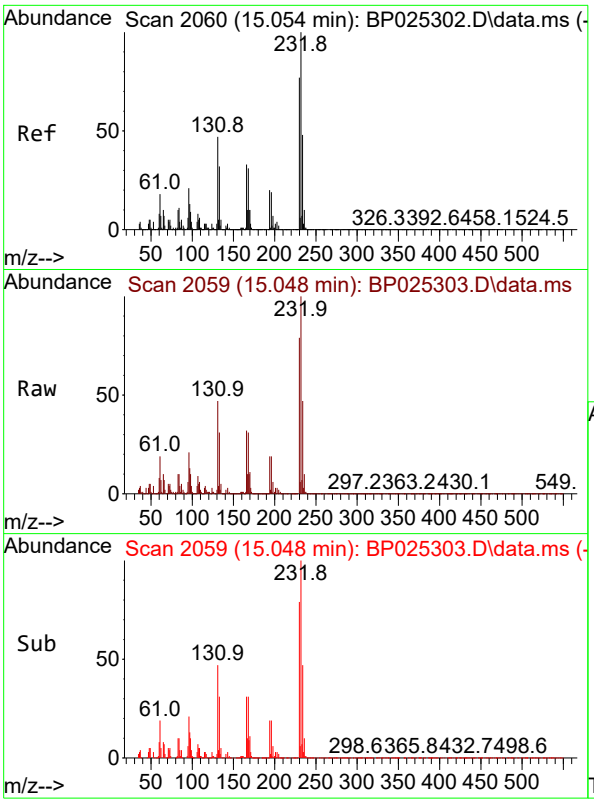


#58
Fluorene
Concen: 50.628 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:166 Resp: 1943035

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.7	115.1
167	13.8	10.9	16.3

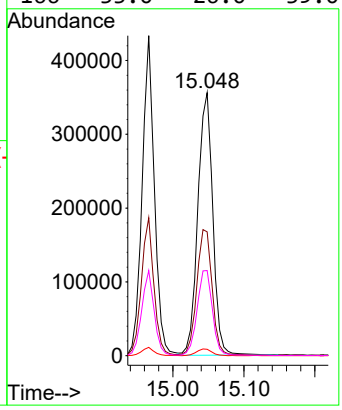




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.019 ng
RT: 15.048 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:232 Resp: 52282

Ion	Ratio	Lower	Upper
232	100		
131	49.3	39.3	58.9
130	2.7	2.2	3.2
166	33.0	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
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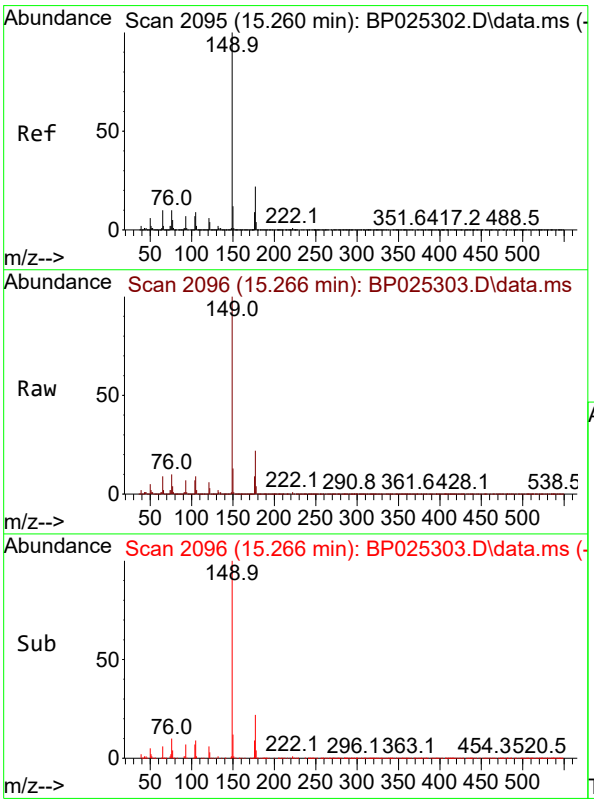
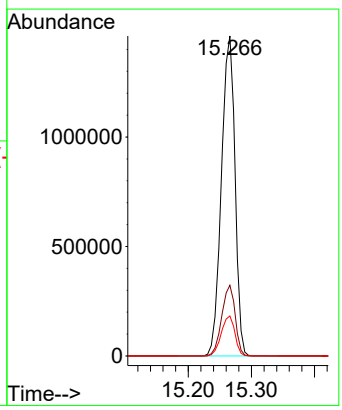
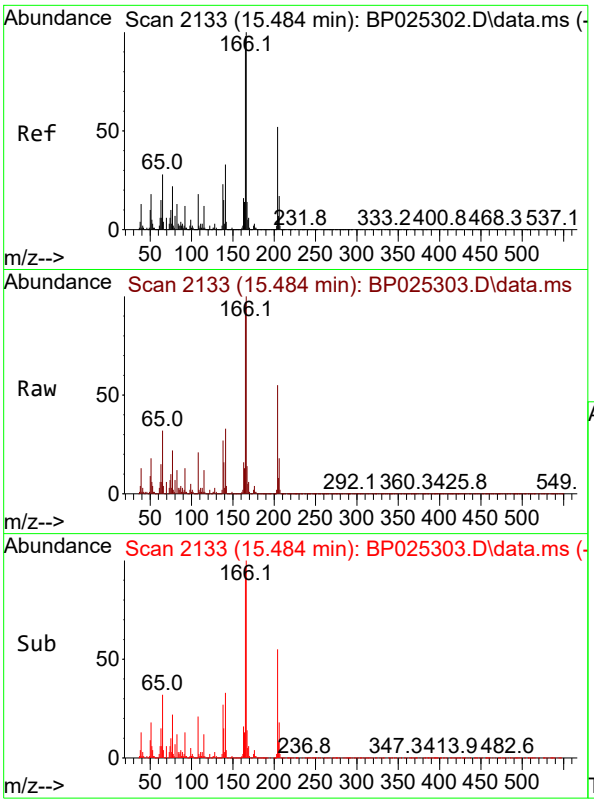


#60
Diethylphthalate
Concen: 51.987 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:149 Resp: 2184026

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.5	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 50.462 ng
RT: 15.484 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 91812

Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.0	40.4
141	60.1	50.3	75.5

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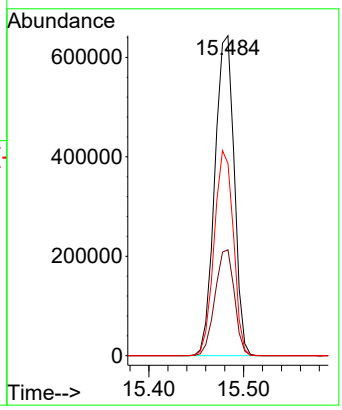
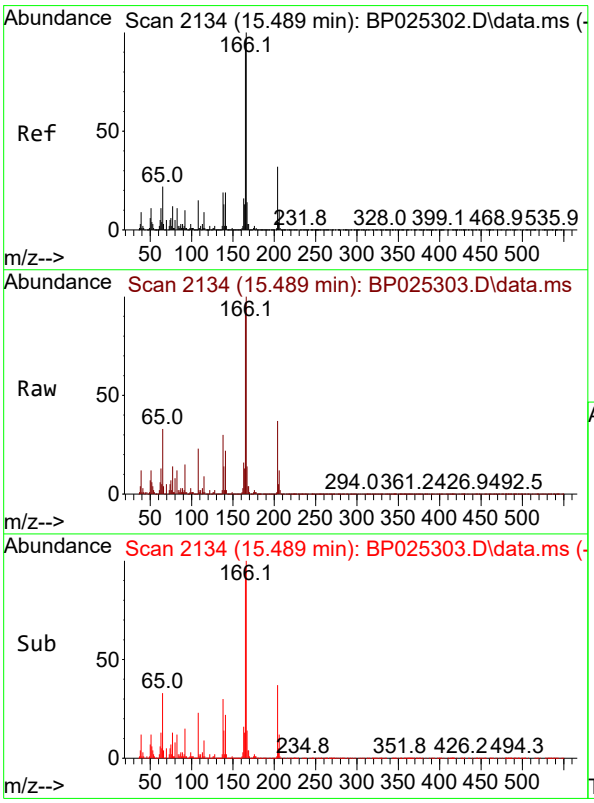
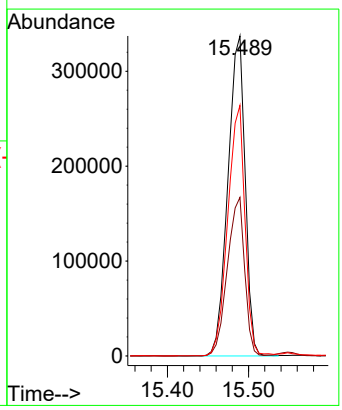


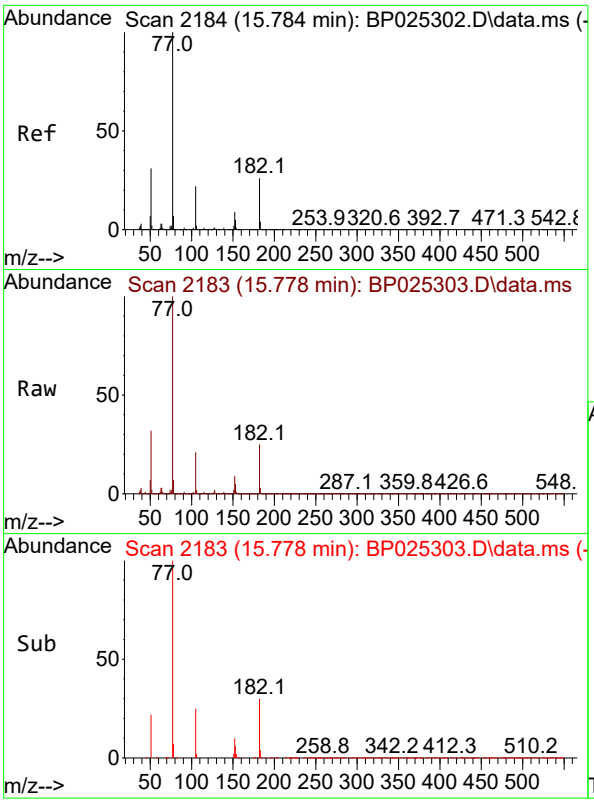


#62
4-Nitroaniline
Concen: 55.814 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:138 Resp: 497394

Ion	Ratio	Lower	Upper
138	100		
92	49.5	29.8	69.8
108	78.3	56.6	96.6

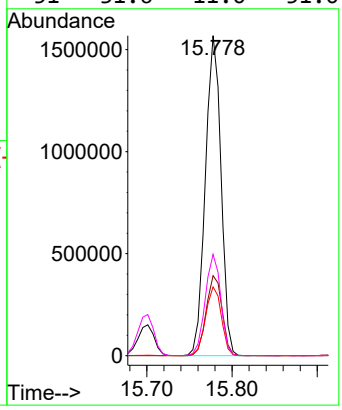




#63
Azobenzene
Concen: 51.248 ng
RT: 15.778 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion: 77 Resp: 200006

Ion	Ratio	Lower	Upper
77	100		
182	25.0	6.0	46.0
105	21.5	2.1	42.1
51	31.6	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
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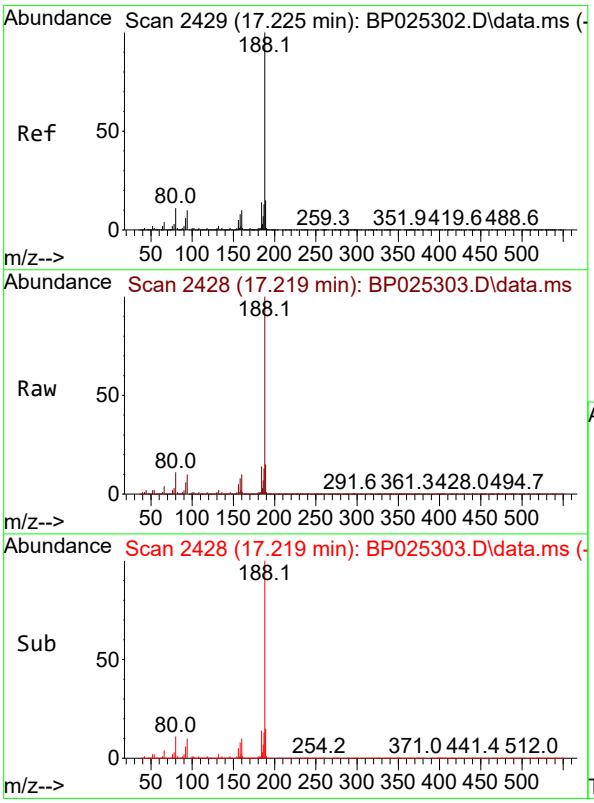
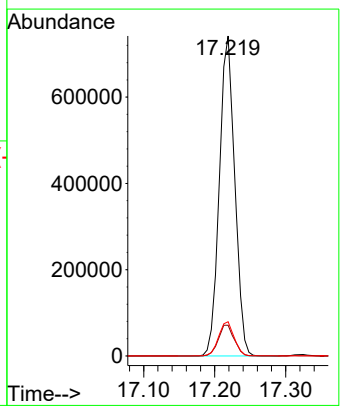
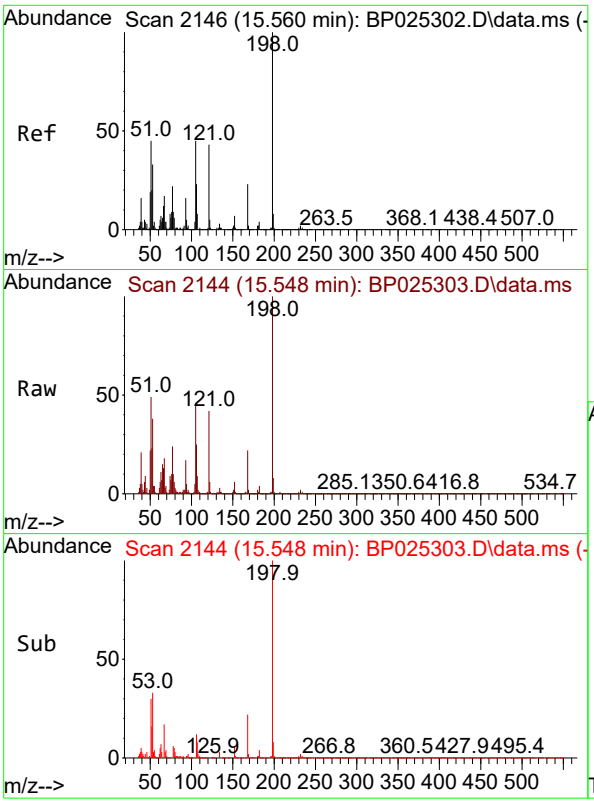


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:188 Resp: 1114369

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.7	8.5	12.7

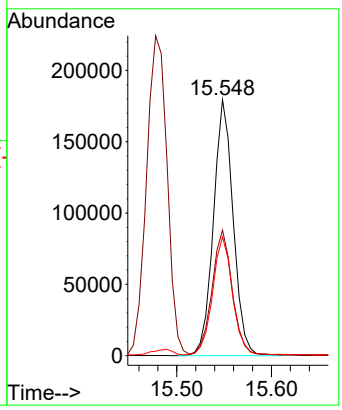




#65
4,6-Dinitro-2-methylphenol
Concen: 51.256 ng
RT: 15.548 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:198 Resp: 25958

Ion	Ratio	Lower	Upper
198	100		
51	49.1	26.7	66.7
105	46.4	25.6	65.6



Instrument :
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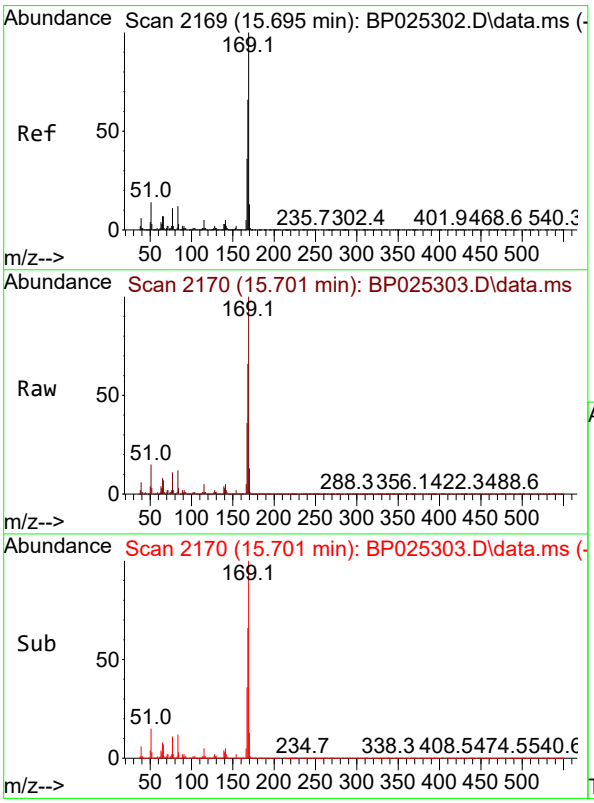
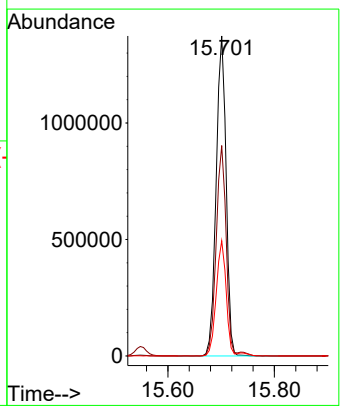
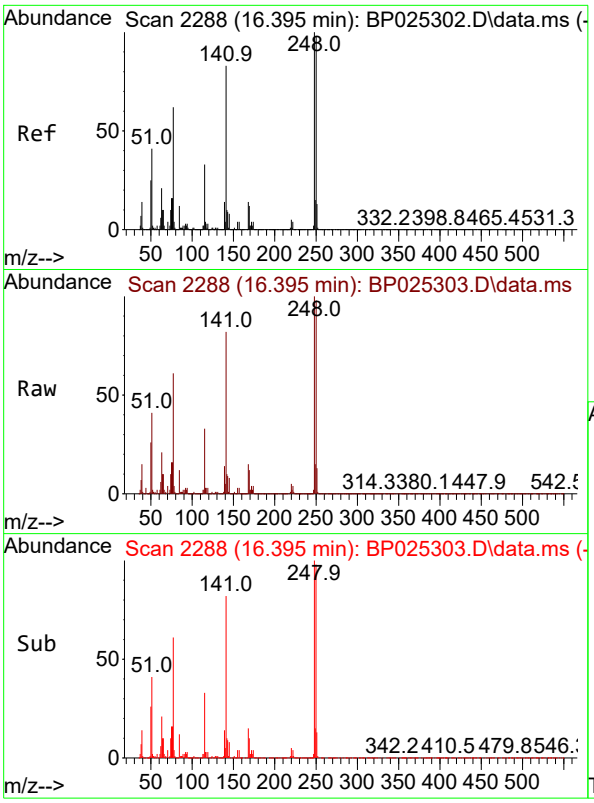


#66
n-Nitrosodiphenylamine
Concen: 52.344 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:169 Resp: 1776048

Ion	Ratio	Lower	Upper
169	100		
168	65.8	52.8	79.2
167	36.0	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 52.531 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 589000

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	117.8
141	81.9	66.6	99.8

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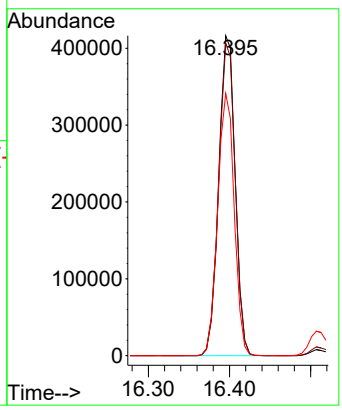
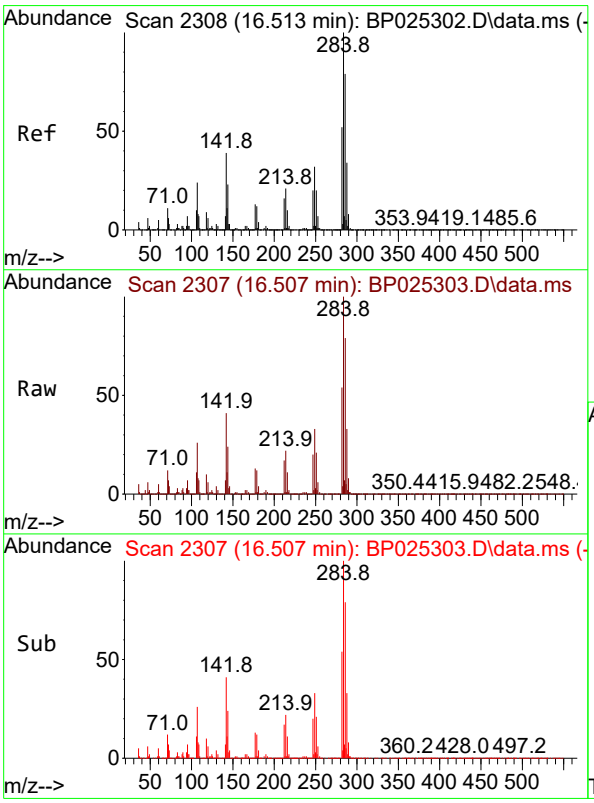
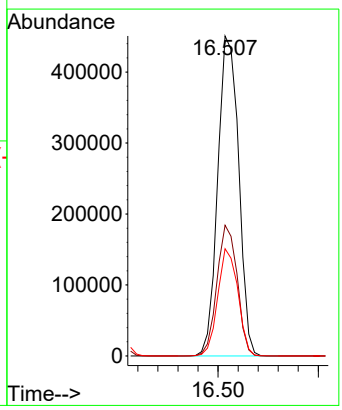


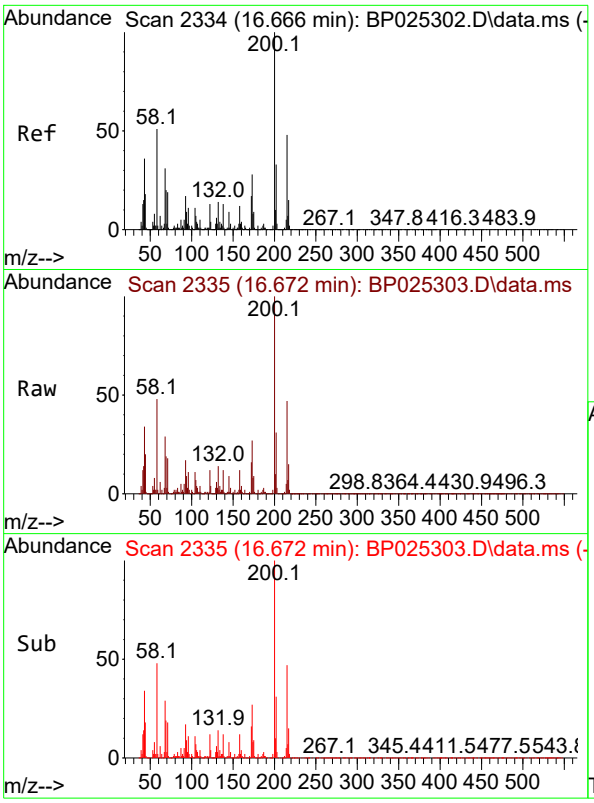


#68
Hexachlorobenzene
Concen: 51.698 ng
RT: 16.507 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:284 Resp: 650421

Ion	Ratio	Lower	Upper
284	100		
142	40.8	30.8	46.2
249	33.5	25.4	38.0

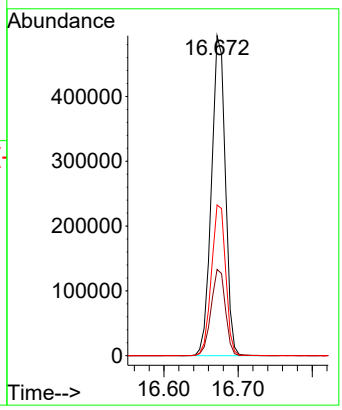




#69
Atrazine
Concen: 53.820 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:200 Resp: 64220

Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.2	48.2
215	47.1	28.1	68.1



Instrument :
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ClientSampleId :
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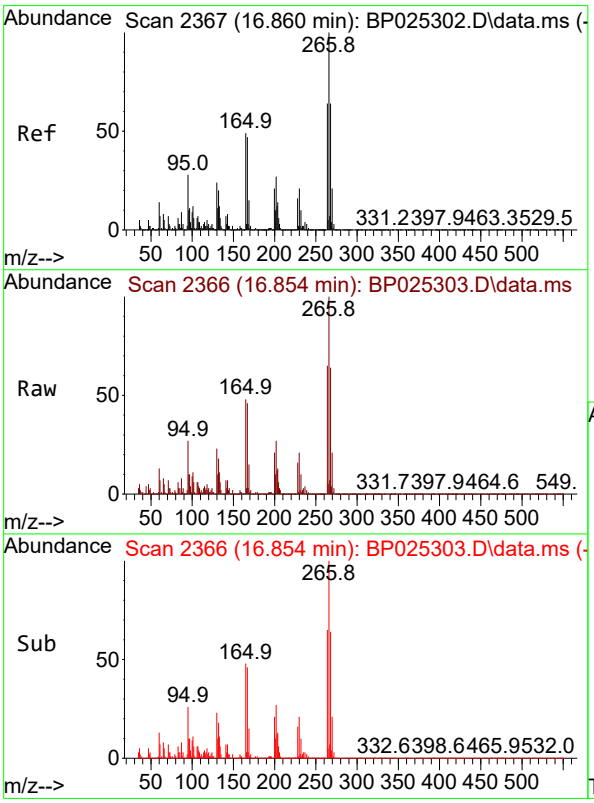
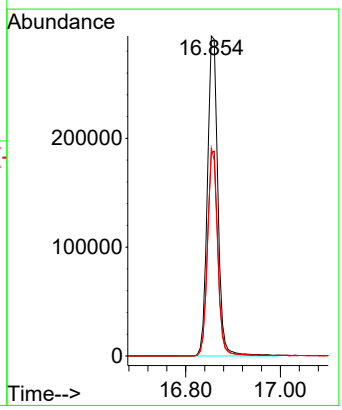
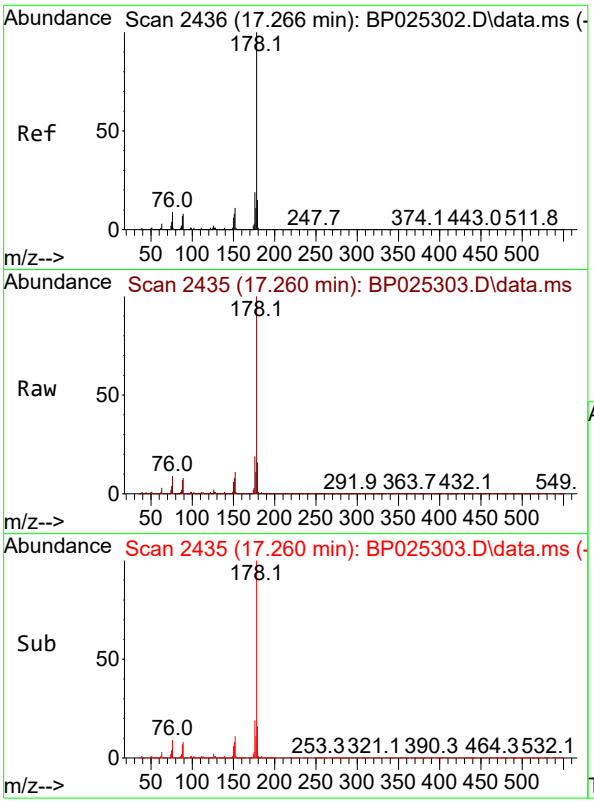


#70
Pentachlorophenol
Concen: 56.013 ng
RT: 16.854 min Scan# 2366
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:266 Resp: 448973

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.0
264	65.0	51.1	76.7

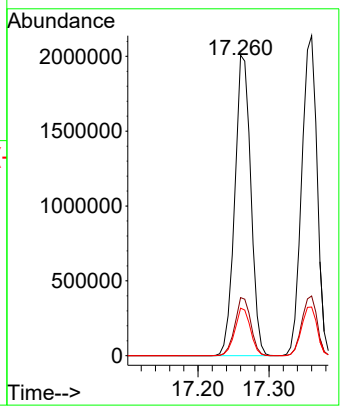




#71
Phenanthrene
Concen: 51.650 ng
RT: 17.260 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:178 Resp: 315248

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.8	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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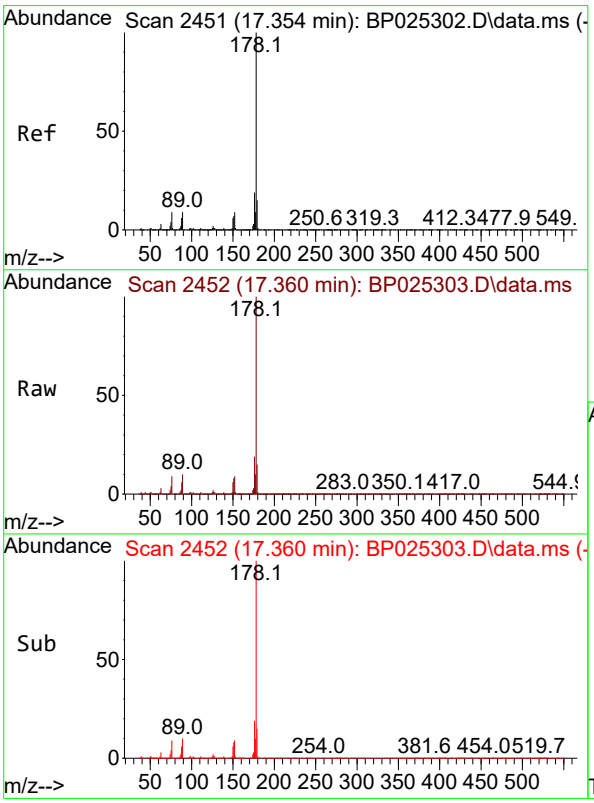
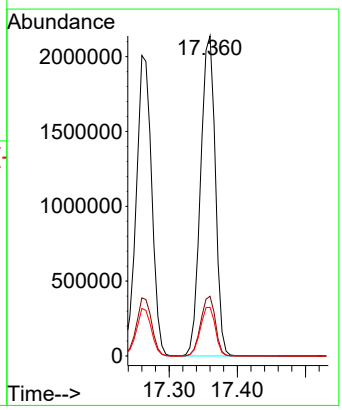
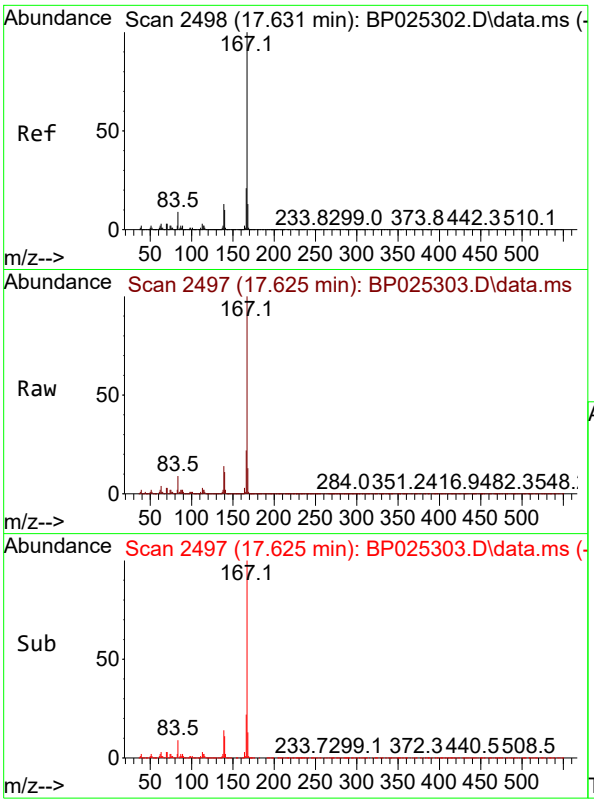


#72
Anthracene
Concen: 52.124 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:178 Resp: 3207824

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.2	12.3	18.5

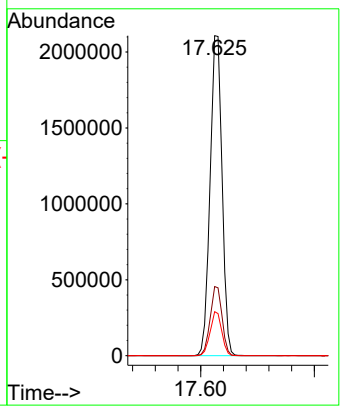




#73
Carbazole
Concen: 51.900 ng
RT: 17.625 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:167 Resp: 306601

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.8	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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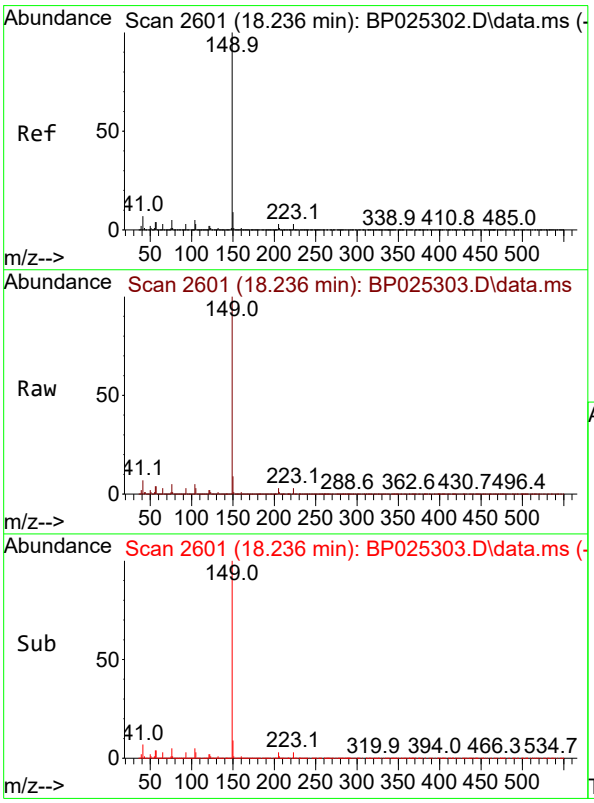
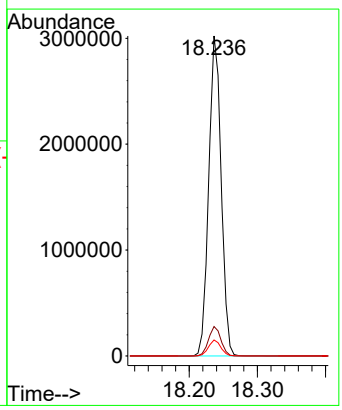
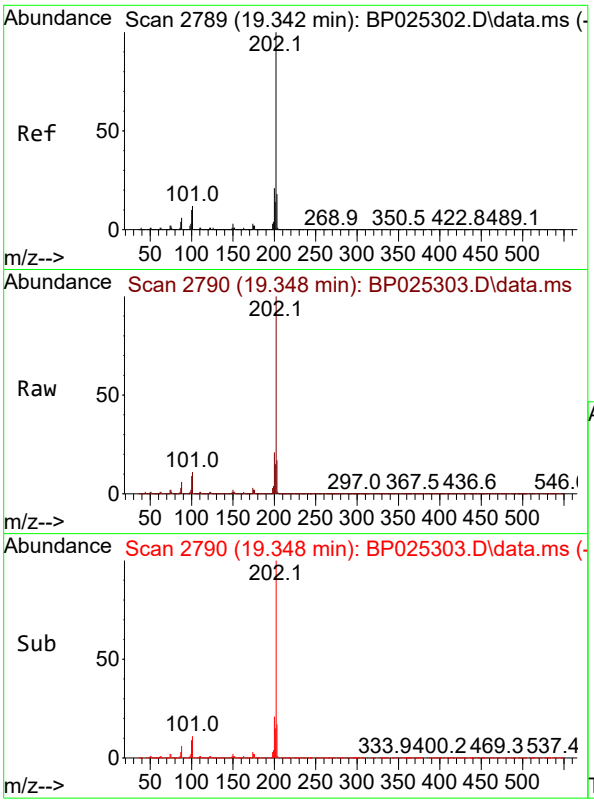


#74
Di-n-butylphthalate
Concen: 53.637 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:149 Resp: 3833325

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.0	4.1	6.1





#75
Fluoranthene
Concen: 51.795 ng
RT: 19.348 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:202 Resp: 365966

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	17.2	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
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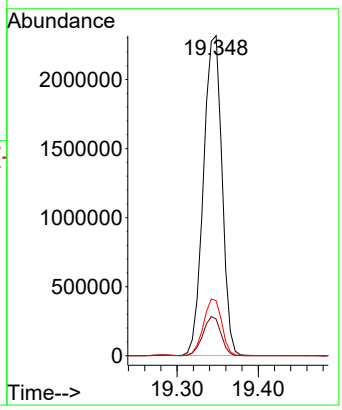
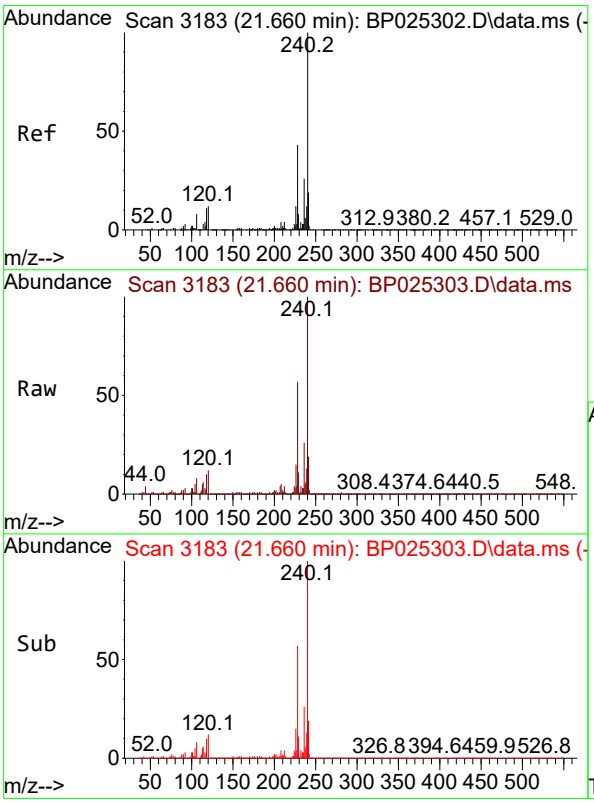
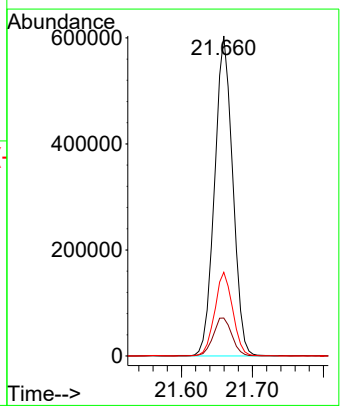


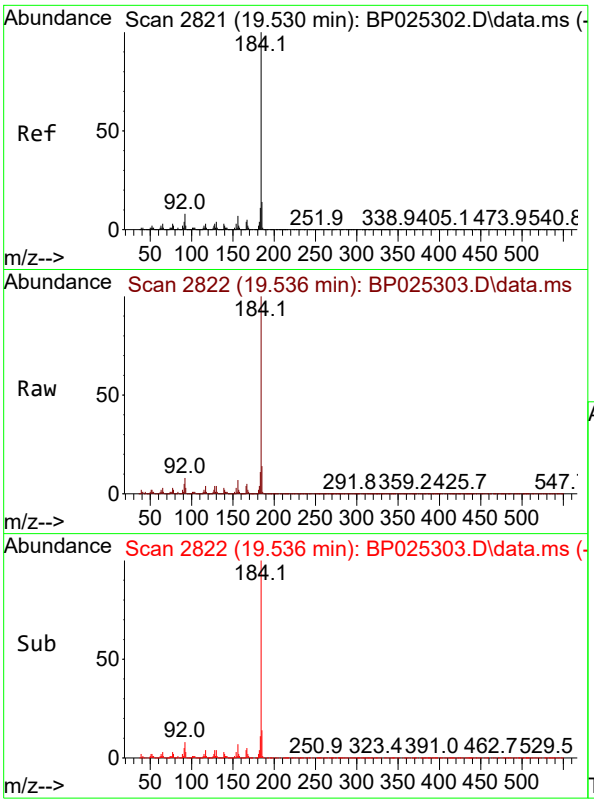


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:240 Resp: 1066090

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.6	14.4
236	26.2	20.4	30.6

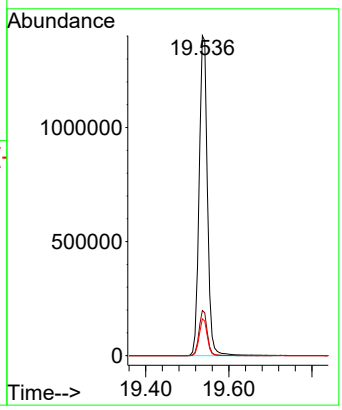




#77
Benzidine
Concen: 50.156 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:184 Resp: 193536

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.6
183	11.5	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
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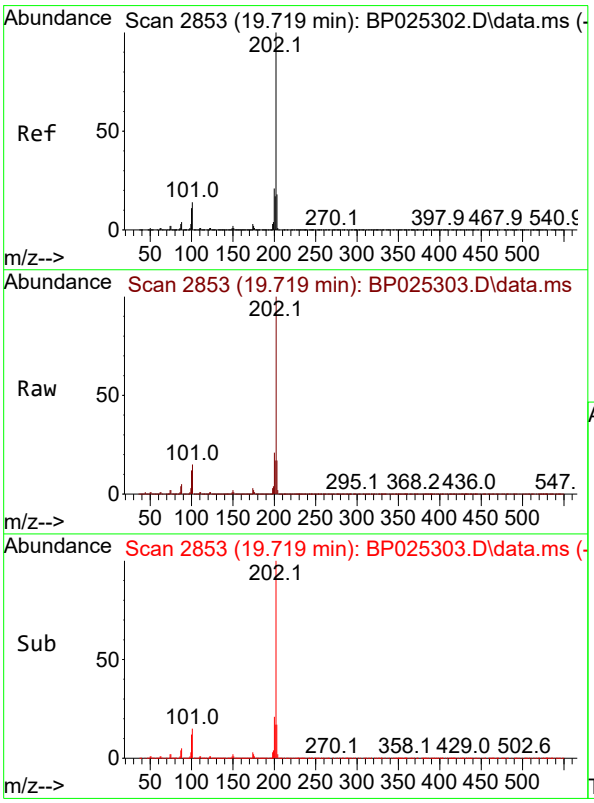
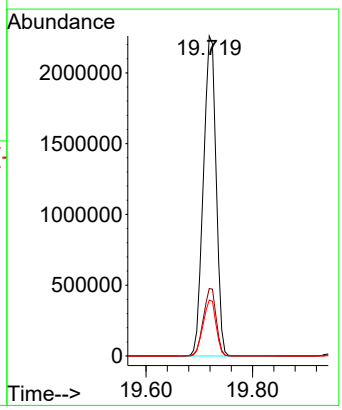
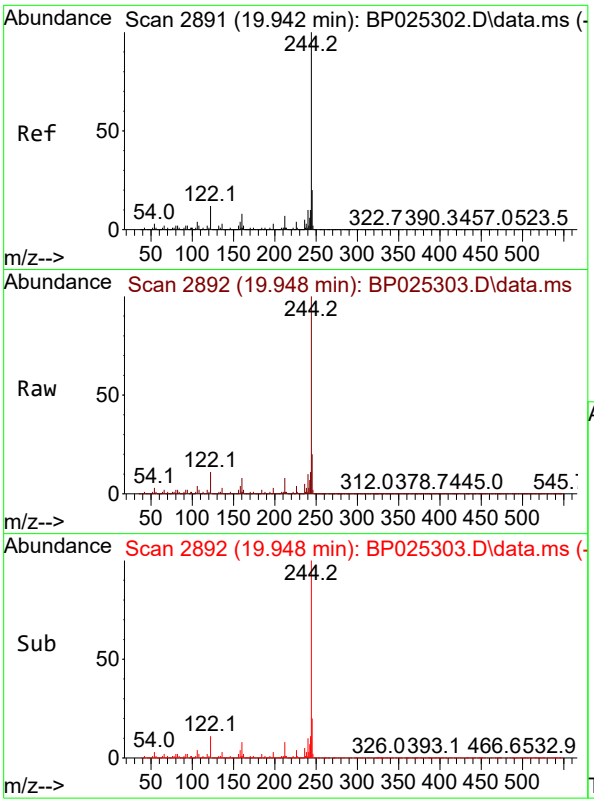


#78
Pyrene
Concen: 52.875 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:202 Resp: 3748452

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.5	14.1	21.1

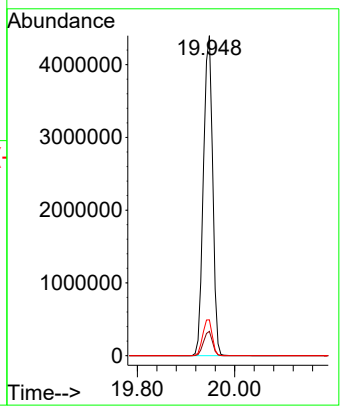




#79
Terphenyl-d14
Concen: 102.169 ng
RT: 19.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:244 Resp: 576555

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	11.2	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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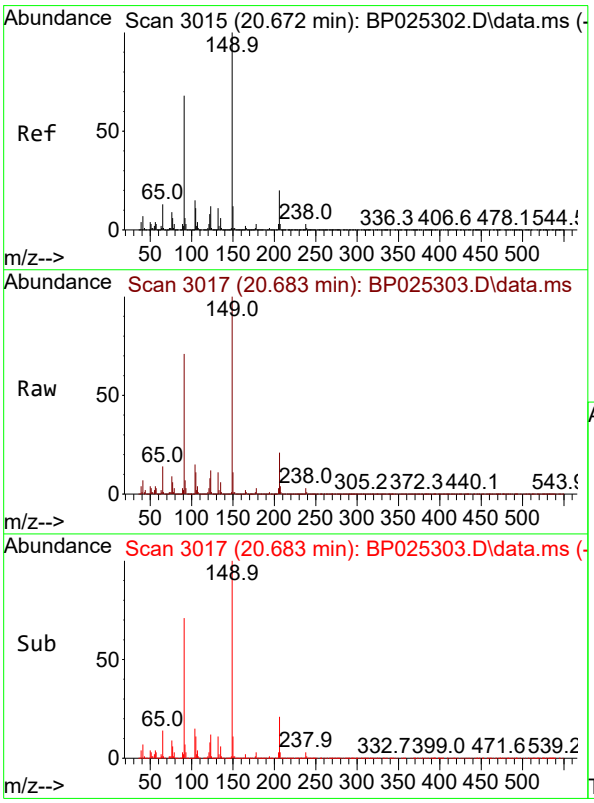
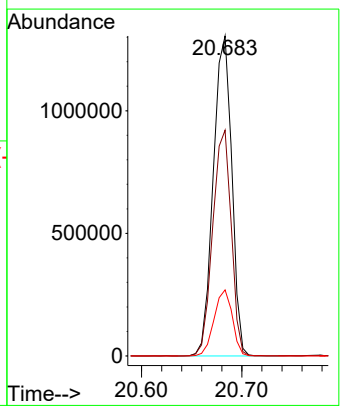
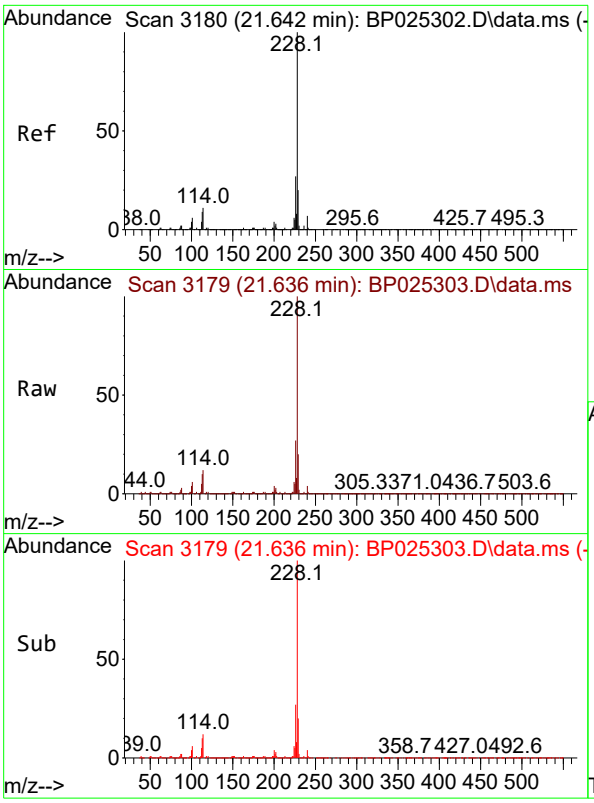


#80
Butylbenzylphthalate
Concen: 58.102 ng
RT: 20.683 min Scan# 3017
Delta R.T. 0.011 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:149 Resp: 1670521

Ion	Ratio	Lower	Upper
149	100		
91	70.5	54.7	82.1
206	20.7	16.4	24.6

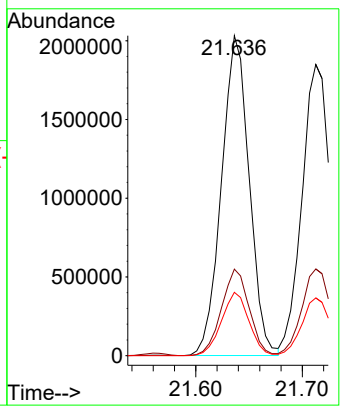




#81
Benzo(a)anthracene
Concen: 51.986 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:228 Resp: 368290

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.8	16.0	24.0



Instrument :
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ClientSampleId :
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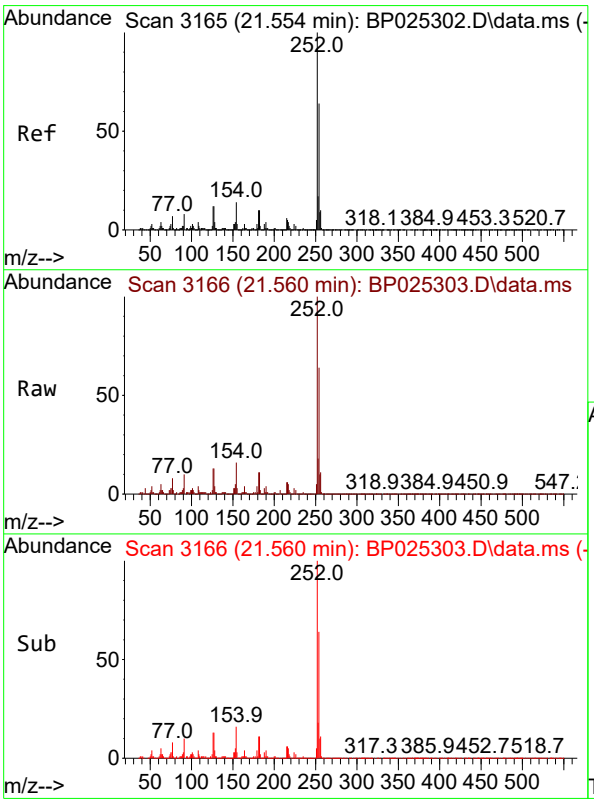
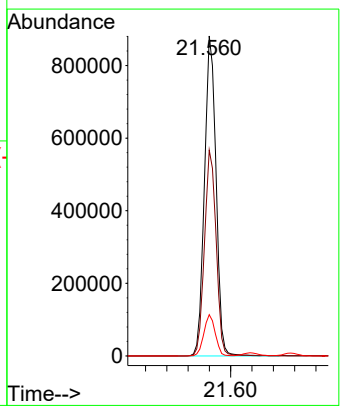
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

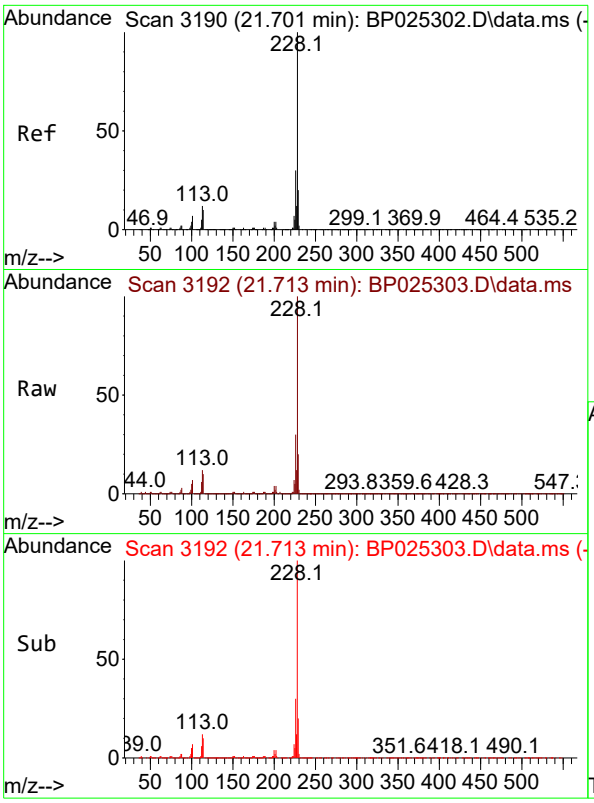


#82
3,3'-Dichlorobenzidine
Concen: 53.376 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:252 Resp: 1334151

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.0	76.6
126	12.9	9.4	14.2

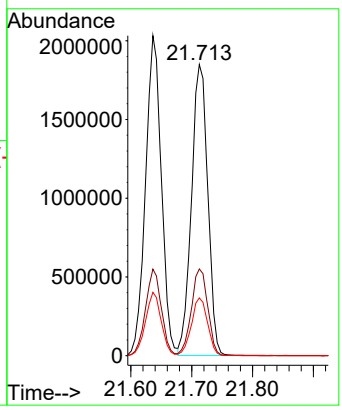




#83
Chrysene
Concen: 52.286 ng
RT: 21.713 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:228 Resp: 343564

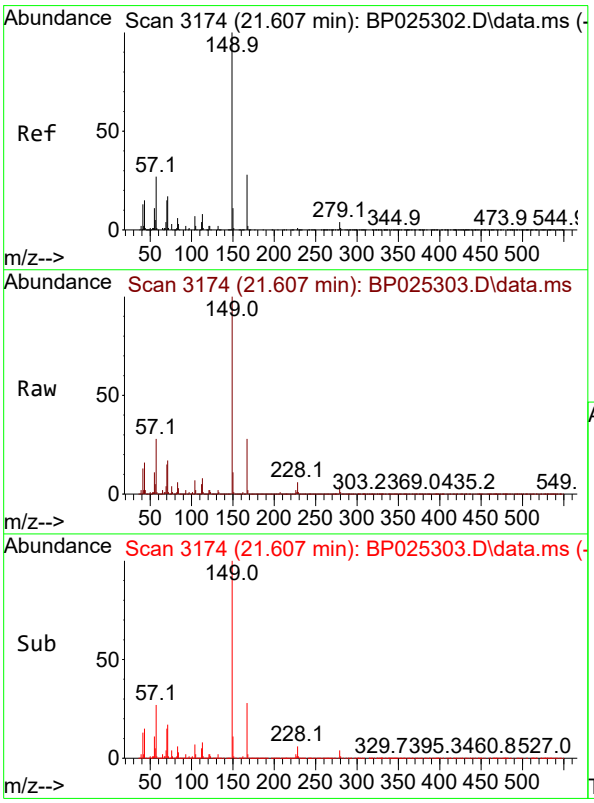
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

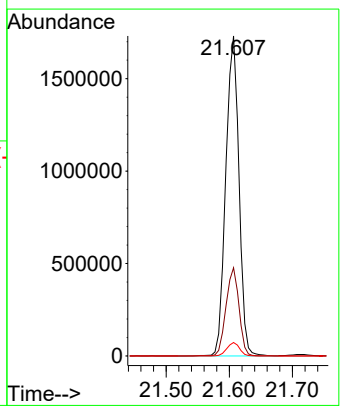
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

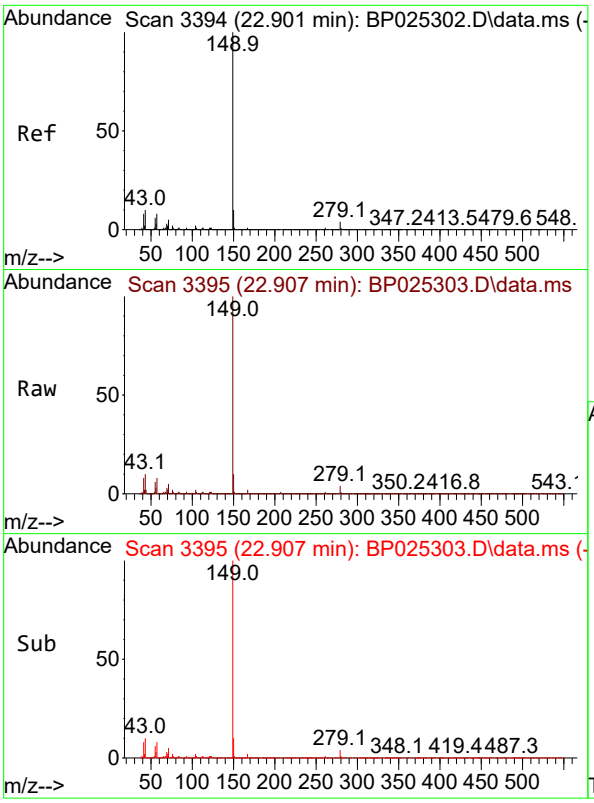


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.510 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:149 Resp: 2502532

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	4.2	3.4	5.2

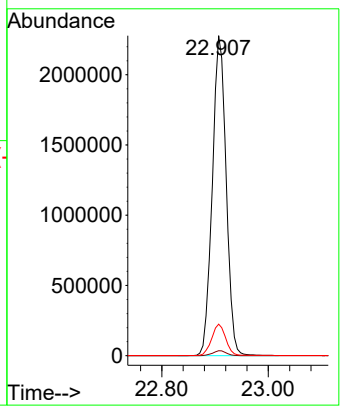




#85
Di-n-octyl phthalate
Concen: 53.530 ng
RT: 22.907 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:149 Resp: 411350

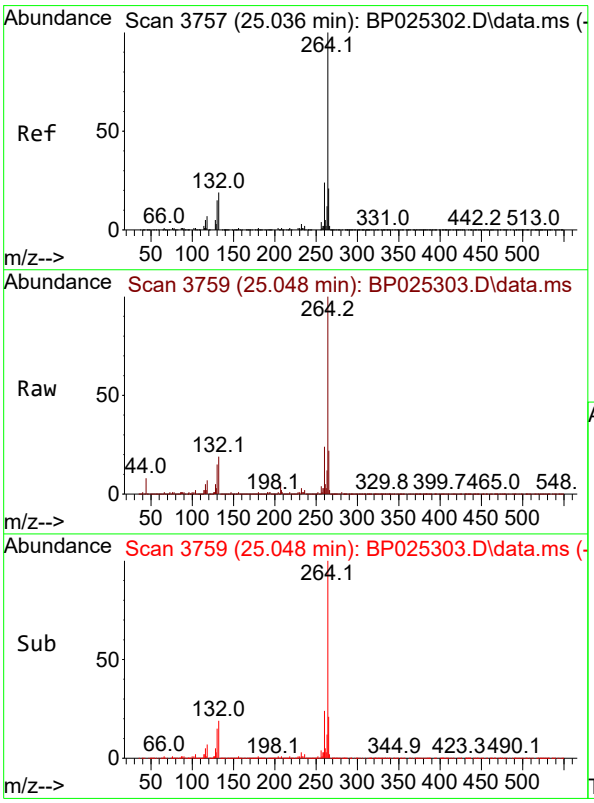
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.0	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

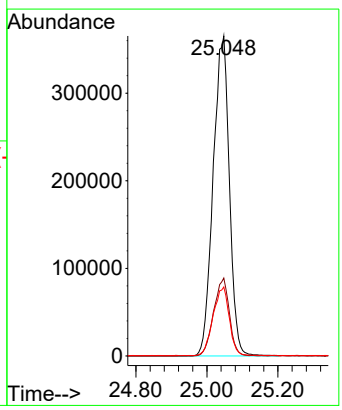
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

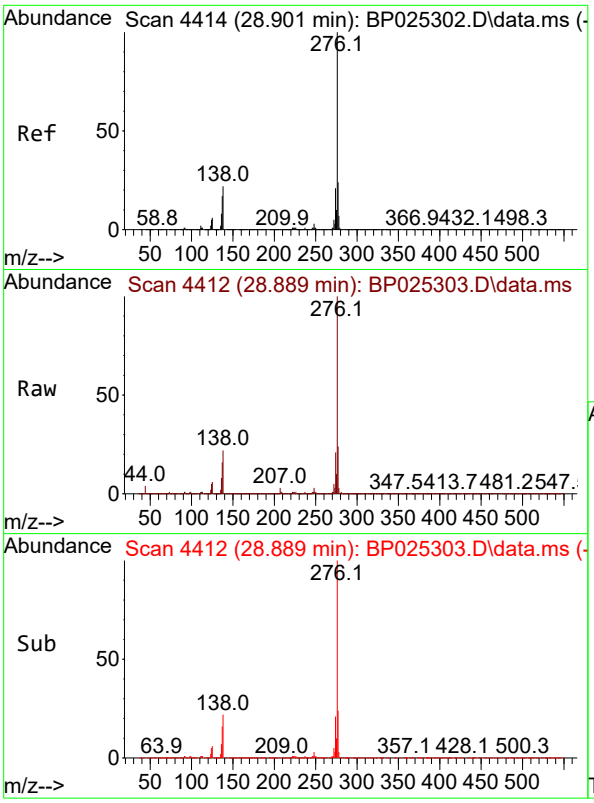


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.048 min Scan# 3759
Delta R.T. 0.012 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:264 Resp: 1155535

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.1	25.7

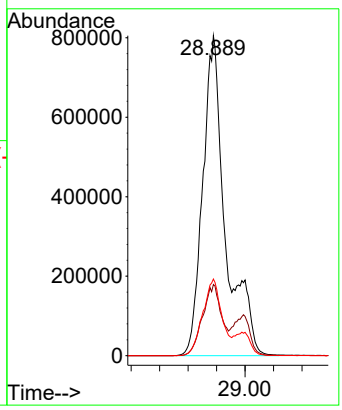




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.847 ng m
RT: 28.889 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:276 Resp: 446650

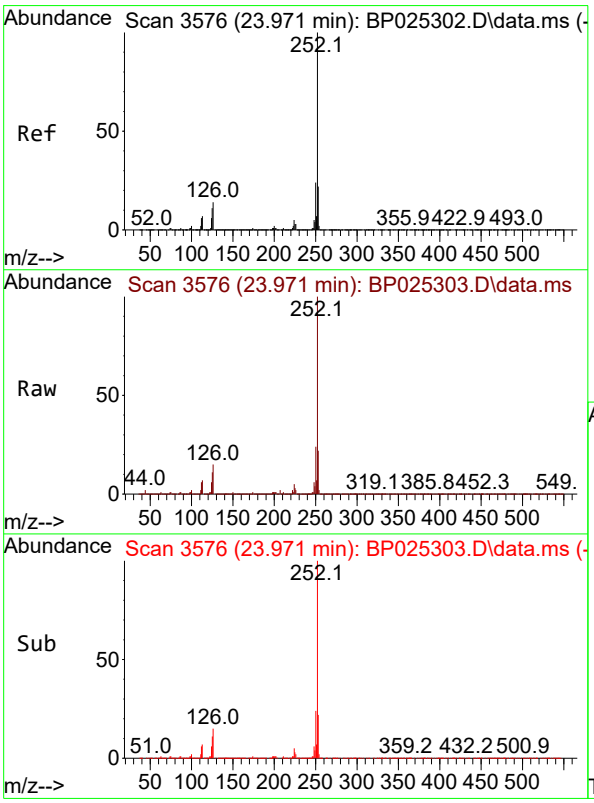
Ion	Ratio	Lower	Upper
276	100		
138	18.7	14.6	22.0
277	20.2	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

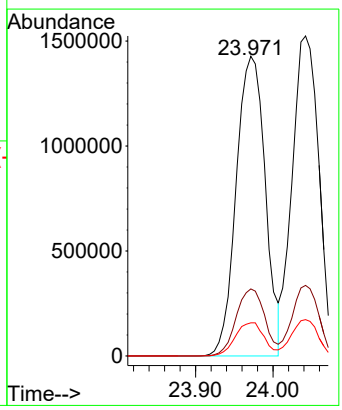
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

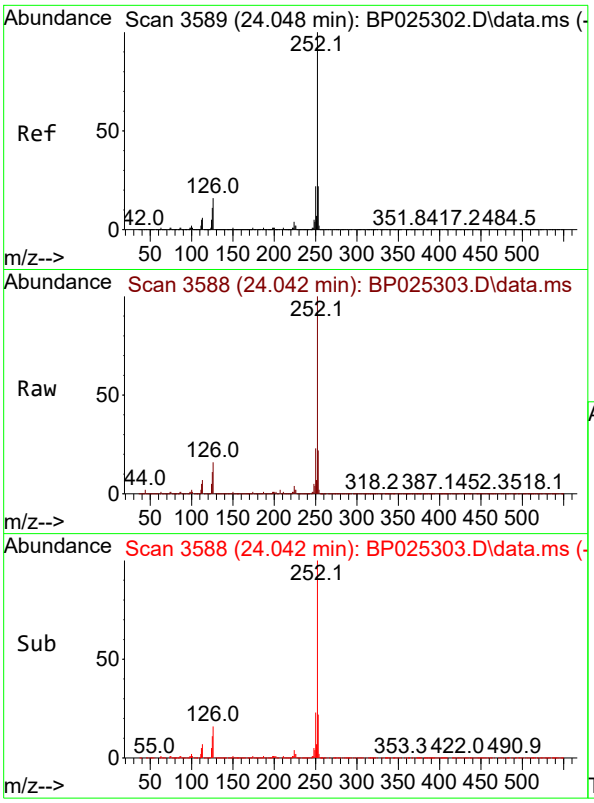


#88
Benzo(b)fluoranthene
Concen: 53.862 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:252 Resp: 3725745

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.0	8.5	12.7

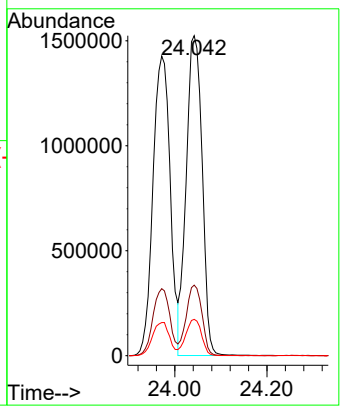




#89
Benzo(k)fluoranthene
Concen: 53.234 ng
RT: 24.042 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:252 Resp: 365034

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.4	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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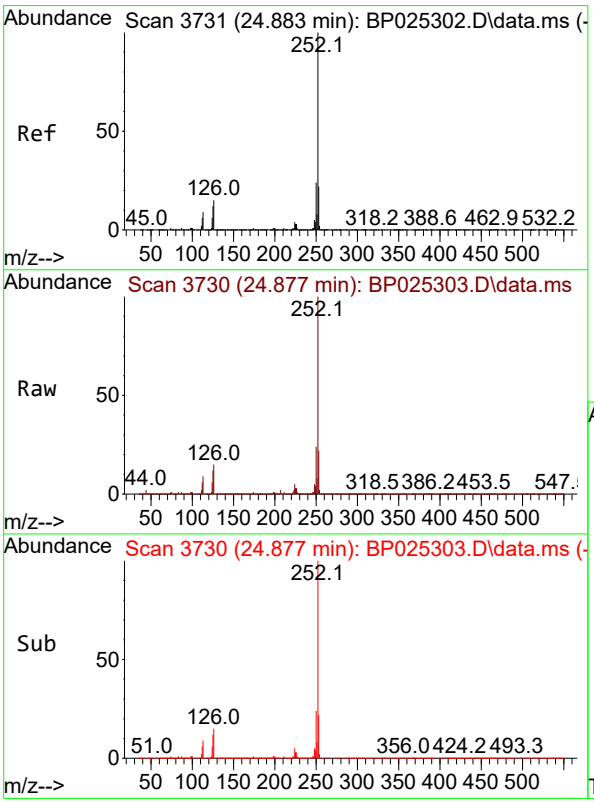
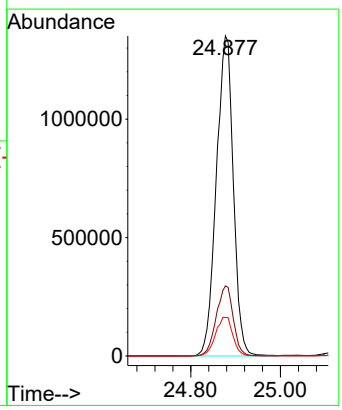
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

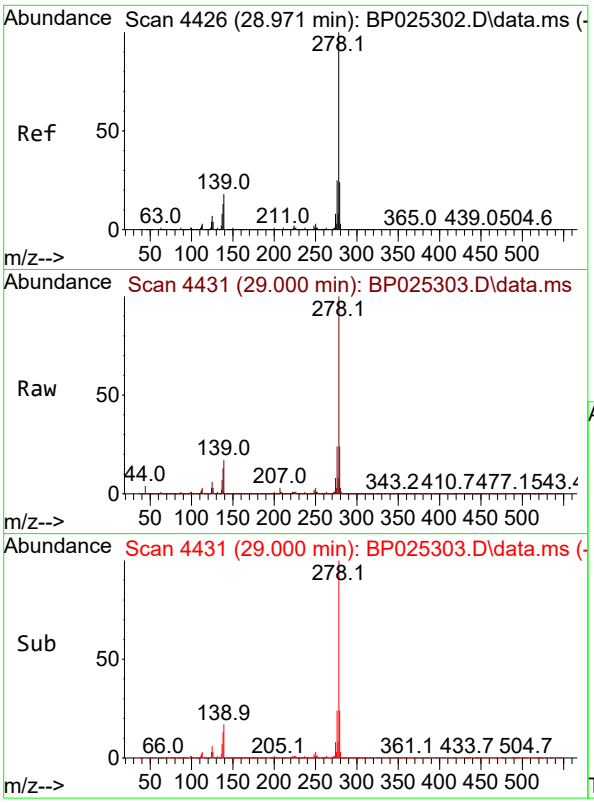


#90
Benzo(a)pyrene
Concen: 53.283 ng
RT: 24.877 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:252 Resp: 3549437

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	12.1	9.4	14.0

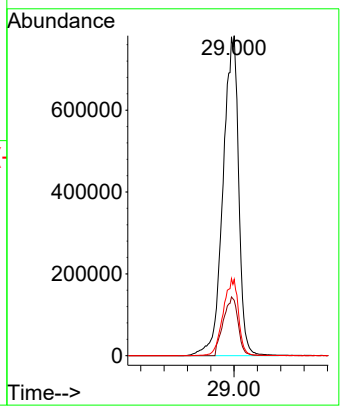




#91
Dibenzo(a,h)anthracene
Concen: 53.715 ng
RT: 29.000 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:278 Resp: 364360

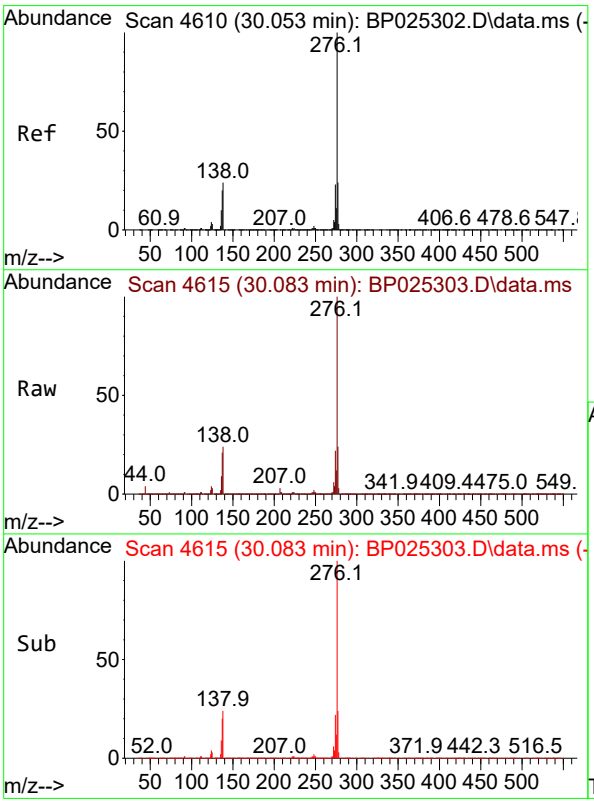
Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.6	22.0
279	23.9	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

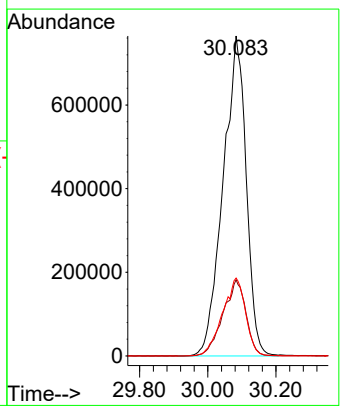
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 53.917 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.030 min
Lab File: BP025303.D
Acq: 05 Aug 2025 15:28

Tgt Ion:276 Resp: 3590382

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	24.3	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025304.D
Acq On : 05 Aug 2025 16:10
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 06 06:03:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	209548	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	959140	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	627525	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	1230027	20.000	ng		-0.02
76) Chrysene-d12	21.654	240	1185485	20.000	ng		0.00
86) Perylene-d12	25.030	264	1319773	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1618188	123.401	ng		0.00
7) Phenol-d6	6.966	99	2192788	126.763	ng		0.00
23) Nitrobenzene-d5	8.943	82	2266518	127.855	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	848230	130.917	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	5227983	115.685	ng		0.00
79) Terphenyl-d14	19.942	244	7232677	115.259	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	303060	58.945	ng		99
3) Pyridine	3.725	79	878078	61.471	ng		99
4) n-Nitrosodimethylamine	3.637	42	412444	62.193	ng		100
6) Aniline	7.137	93	1510421	64.169	ng		99
8) 2-Chlorophenol	7.372	128	919471	64.474	ng		99
9) Benzaldehyde	6.949	77	688637	56.545	ng		99
10) Phenol	6.996	94	1168723	63.704	ng		100
11) bis(2-Chloroethyl)ether	7.231	93	905011	62.958	ng		99
12) 1,3-Dichlorobenzene	7.696	146	978449	61.060	ng		99
13) 1,4-Dichlorobenzene	7.837	146	992921	61.246	ng		100
14) 1,2-Dichlorobenzene	8.149	146	967096	61.580	ng		99
15) Benzyl Alcohol	8.031	79	868233	65.324	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	1419539	62.512	ng		99
17) 2-Methylphenol	8.225	107	794670	64.734	ng		98
18) Hexachloroethane	8.878	117	362858	62.586	ng		99
19) n-Nitroso-di-n-propyla...	8.602	70	736360	65.363	ng		100
20) 3+4-Methylphenols	8.555	107	1102764	65.236	ng		98
22) Acetophenone	8.608	105	1441680	59.875	ng	#	98
24) Nitrobenzene	8.984	77	1032520	63.003	ng		100
25) Isophorone	9.508	82	2175760	63.135	ng		99
26) 2-Nitrophenol	9.684	139	449368	61.813	ng		99
27) 2,4-Dimethylphenol	9.743	122	964929	60.732	ng		97
28) bis(2-Chloroethoxy)met...	9.984	93	1295232	61.783	ng		99
29) 2,4-Dichlorophenol	10.213	162	905554	65.101	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	924791	60.262	ng		98
31) Naphthalene	10.625	128	3016986	60.593	ng		99
32) Benzoic acid	9.884	122	625232	61.911	ng		99
33) 4-Chloroaniline	10.719	127	1385599	62.570	ng		99
34) Hexachlorobutadiene	10.919	225	531051	60.284	ng		99
35) Caprolactam	11.490	113	356548	65.928	ng		97
36) 4-Chloro-3-methylphenol	11.837	107	1045051	64.929	ng		99
37) 2-Methylnaphthalene	12.231	142	1979064	61.409	ng		100
38) 1-Methylnaphthalene	12.449	142	2032006	60.428	ng		99
40) 1,2,4,5-Tetrachloroben...	12.596	216	1020686	59.576	ng		99
41) Hexachlorocyclopentadiene	12.584	237	668954	63.265	ng		98
43) 2,4,6-Trichlorophenol	12.831	196	726236	65.619	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025304.D
Acq On : 05 Aug 2025 16:10
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 06 06:03:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.901	196	823738	66.349	ng		99
46)	1,1'-Biphenyl	13.243	154	2736817	59.180	ng		100
47)	2-Chloronaphthalene	13.284	162	2116700	59.994	ng		99
48)	2-Nitroaniline	13.472	65	642446	61.286	ng		97
49)	Acenaphthylene	14.131	152	3558282	60.462	ng		99
50)	Dimethylphthalate	13.866	163	2775097	60.663	ng		100
51)	2,6-Dinitrotoluene	13.972	165	581905	68.963	ng		99
52)	Acenaphthene	14.478	154	2158962	60.143	ng		100
53)	3-Nitroaniline	14.301	138	677122	68.579	ng		100
54)	2,4-Dinitrophenol	14.507	184	242217	60.748	ng	#	53
55)	Dibenzofuran	14.813	168	3200254	59.657	ng		99
56)	4-Nitrophenol	14.601	139	579797	66.536	ng		98
57)	2,4-Dinitrotoluene	14.766	165	813557	61.234	ng		95
58)	Fluorene	15.472	166	2418012	57.390	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.043	232	689750	66.118	ng		99
60)	Diethylphthalate	15.254	149	2839454	61.567	ng		100
61)	4-Chlorophenyl-phenyle...	15.472	204	1156422	57.895	ng		99
62)	4-Nitroaniline	15.484	138	647932	66.228	ng		97
63)	Azobenzene	15.772	77	2589928	60.449	ng		100
65)	4,6-Dinitro-2-methylph...	15.542	198	375536	62.146	ng		98
66)	n-Nitrosodiphenylamine	15.690	169	2301050	61.440	ng		99
67)	4-Bromophenyl-phenylether	16.389	248	768935	62.130	ng		97
68)	Hexachlorobenzene	16.495	284	851862	61.343	ng		99
69)	Atrazine	16.660	200	844409	64.112	ng		99
70)	Pentachlorophenol	16.842	266	589352	66.613	ng		99
71)	Phenanthrene	17.248	178	4047515	60.079	ng		99
72)	Anthracene	17.348	178	4216676	62.075	ng		100
73)	Carbazole	17.613	167	3935735	60.358	ng		100
74)	Di-n-butylphthalate	18.231	149	5052062	64.043	ng		99
75)	Fluoranthene	19.336	202	4678502	59.989	ng		99
77)	Benzidine	19.525	184	2283507	53.219	ng		100
78)	Pyrene	19.707	202	4794722	60.822	ng		100
80)	Butylbenzylphthalate	20.677	149	2245879	70.246	ng		98
81)	Benzo(a)anthracene	21.630	228	4797252	60.895	ng		100
82)	3,3'-Dichlorobenzidine	21.554	252	1711974	61.593	ng		98
83)	Chrysene	21.707	228	4446807	60.859	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.595	149	3432511	67.236	ng		100
85)	Di-n-octyl phthalate	22.901	149	5809639	67.988	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.895	276	5916006	62.446	ng		97
88)	Benzo(b)fluoranthene	23.983	252	4819606	61.005	ng		99
89)	Benzo(k)fluoranthene	24.048	252	4789778	61.158	ng		100
90)	Benzo(a)pyrene	24.889	252	4712258	61.936	ng		99
91)	Dibenzo(a,h)anthracene	28.977	278	4826446	62.298	ng		99
92)	Benzo(g,h,i)perylene	30.089	276	4694995	61.731	ng		99

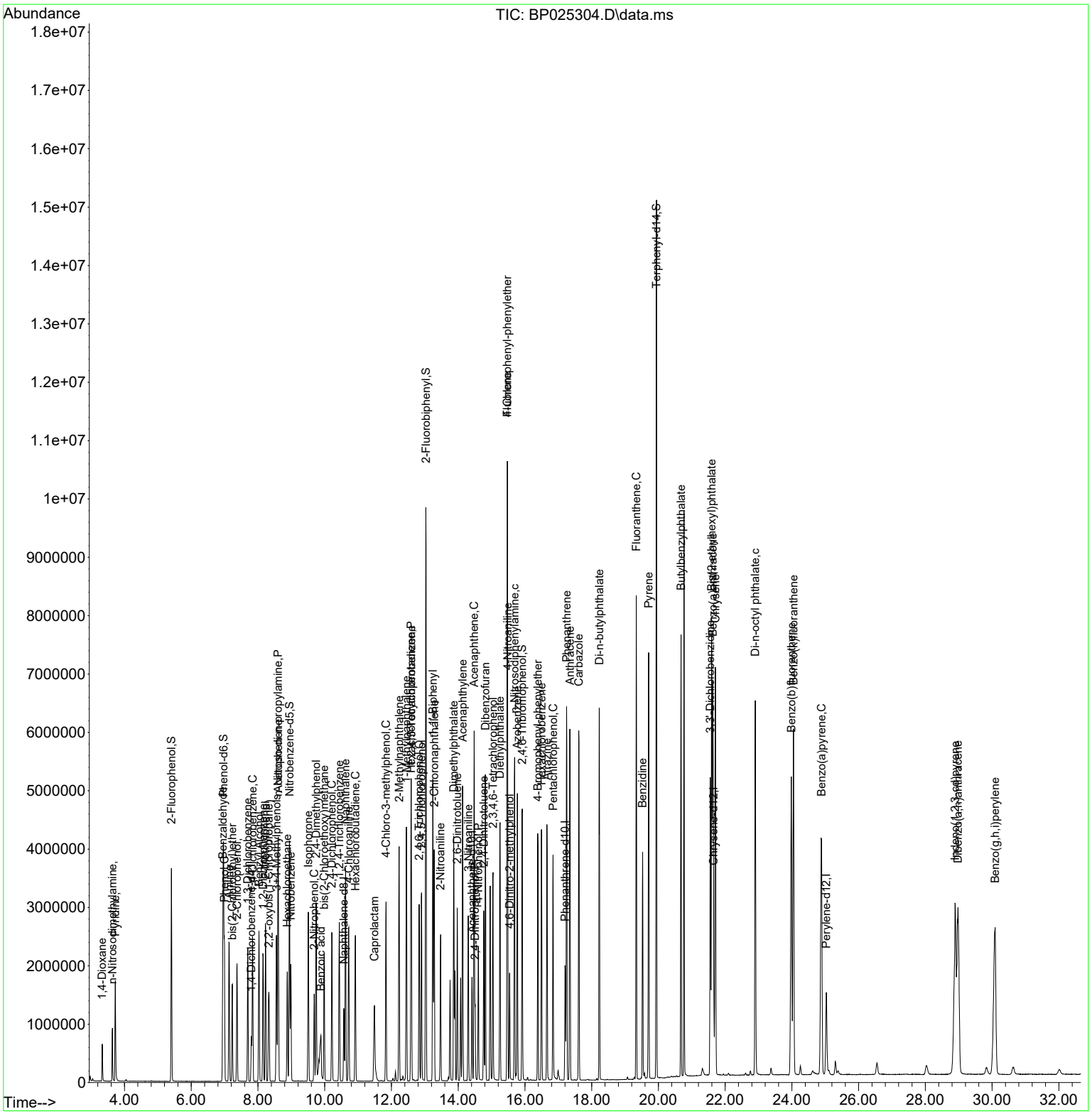
(#) = qualifier out of range (m) = manual integration (+) = signals summed

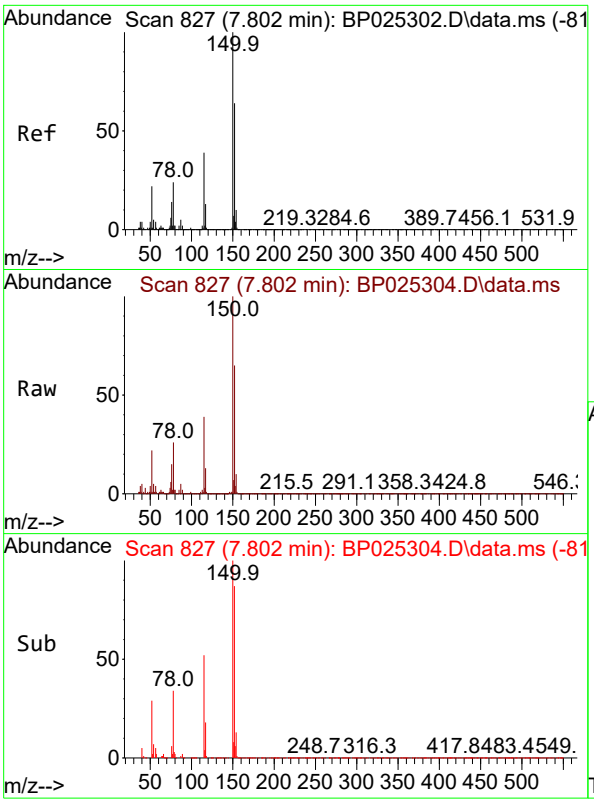
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025304.D
Acq On : 05 Aug 2025 16:10
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 06 06:03:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration



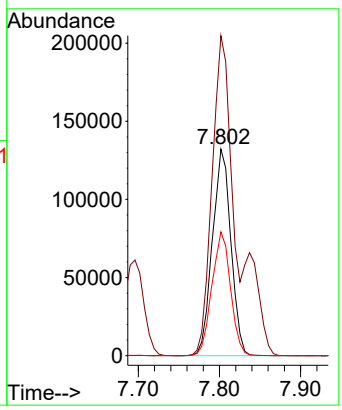


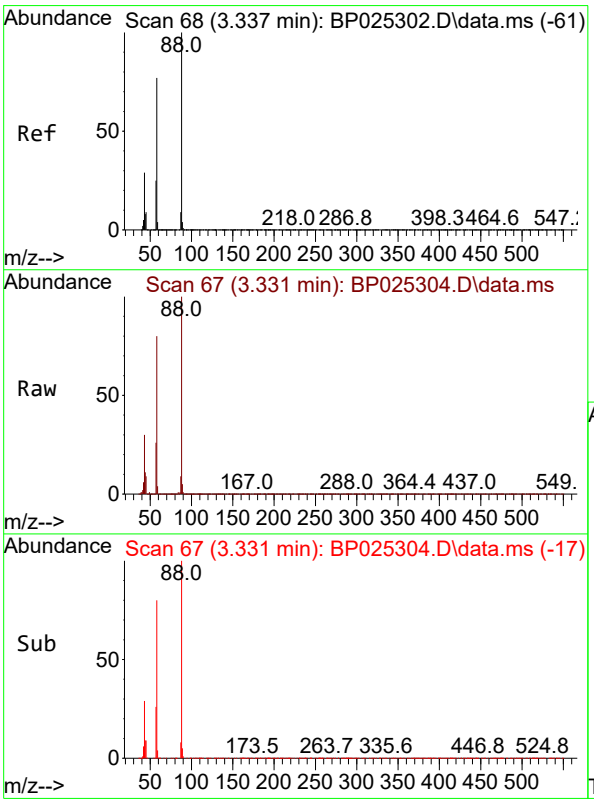
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 209548

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.1	187.7
115	60.0	48.4	72.6

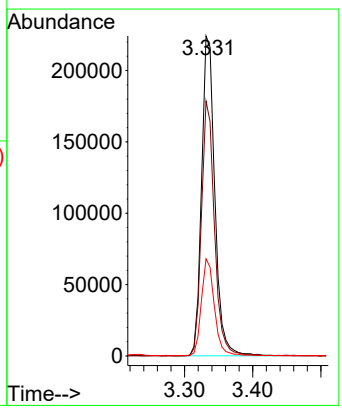


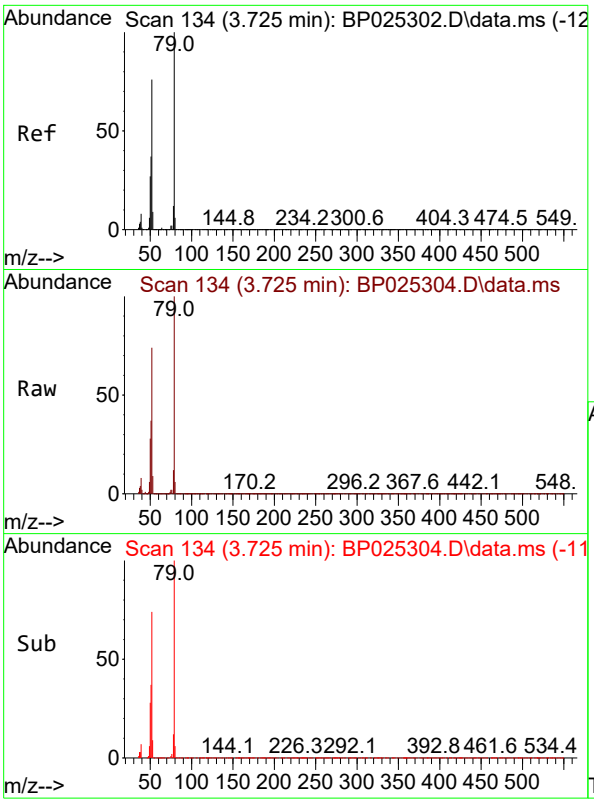


#2
1,4-Dioxane
Concen: 58.945 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 88 Resp: 303060

Ion	Ratio	Lower	Upper
88	100		
58	78.5	61.9	92.9
43	29.8	24.2	36.2



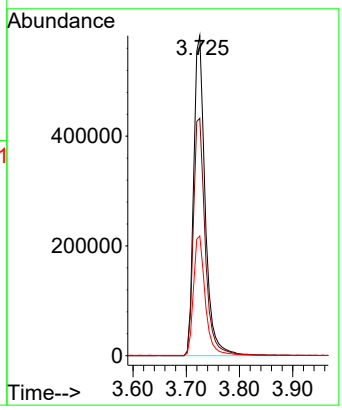


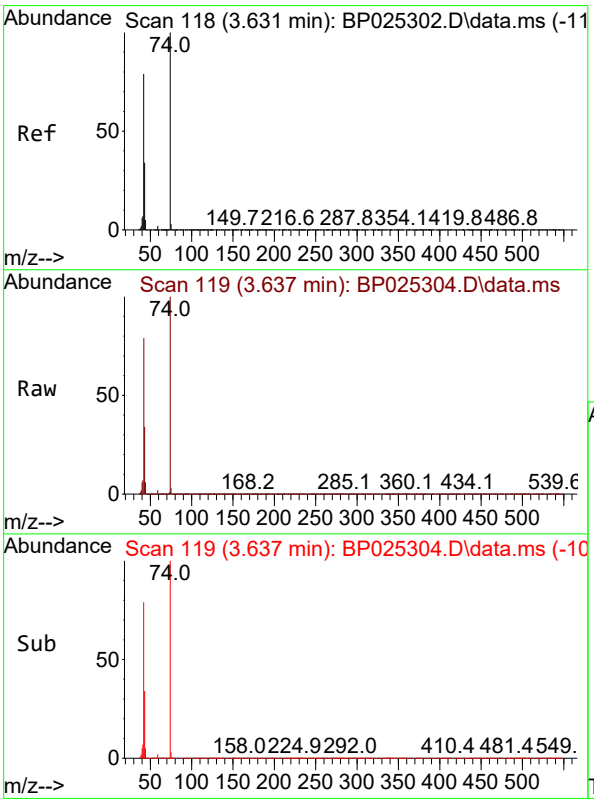
#3
Pyridine
Concen: 61.471 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 878078

Ion	Ratio	Lower	Upper
79	100		
52	74.2	60.5	90.7
51	37.4	30.2	45.2

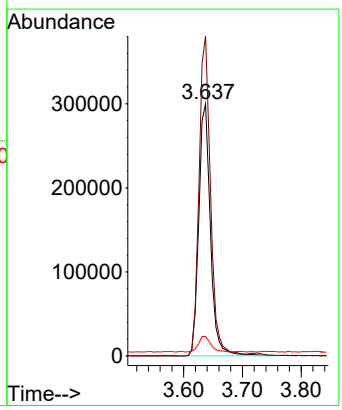


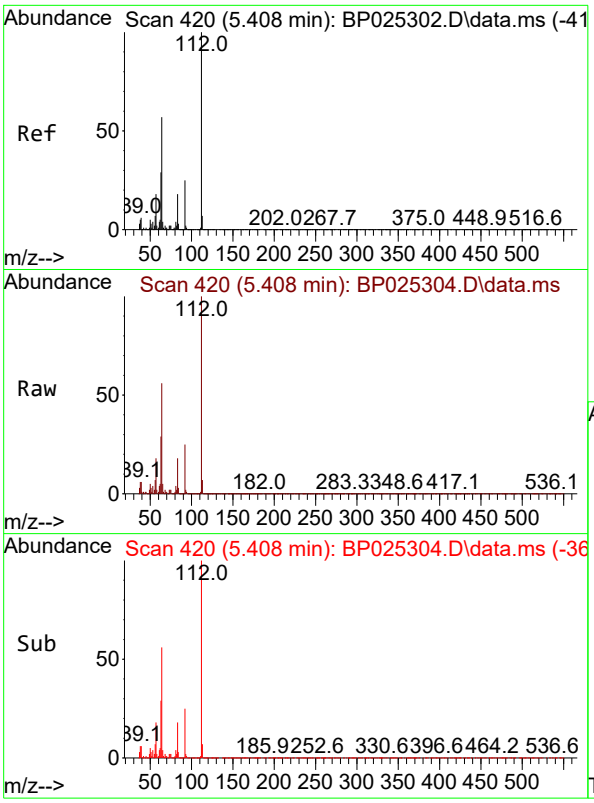


#4
n-Nitrosodimethylamine
Concen: 62.193 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 42 Resp: 412444

Ion	Ratio	Lower	Upper
42	100		
74	127.0	101.4	152.2
44	7.8	7.6	11.4



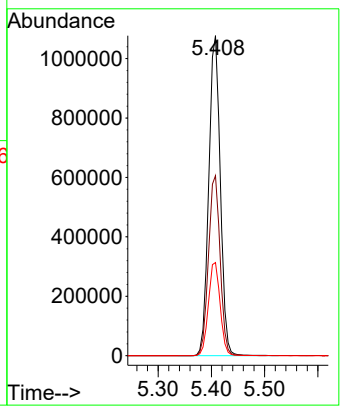


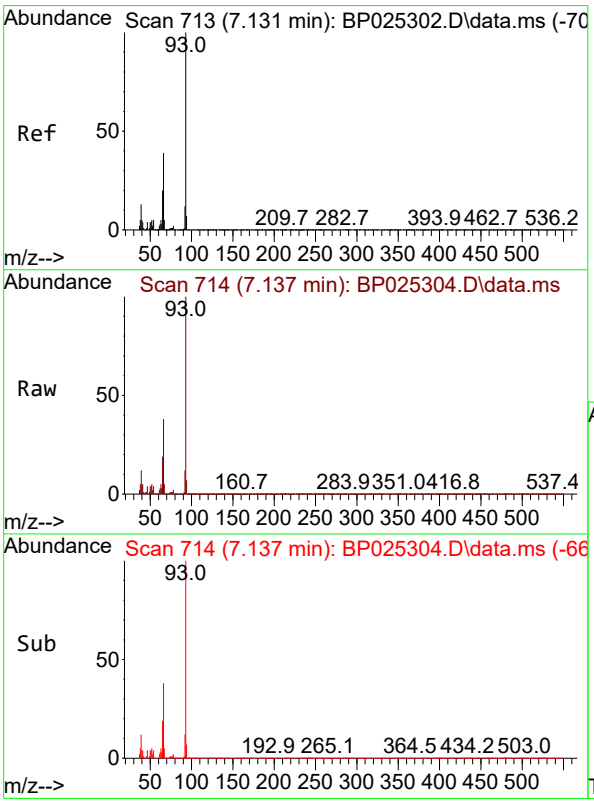
#5
2-Fluorophenol
Concen: 123.401 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1618188

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.3	67.9
63	29.1	23.0	34.6

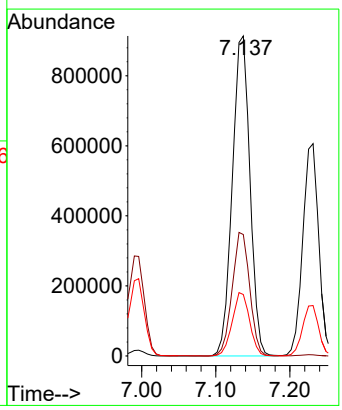


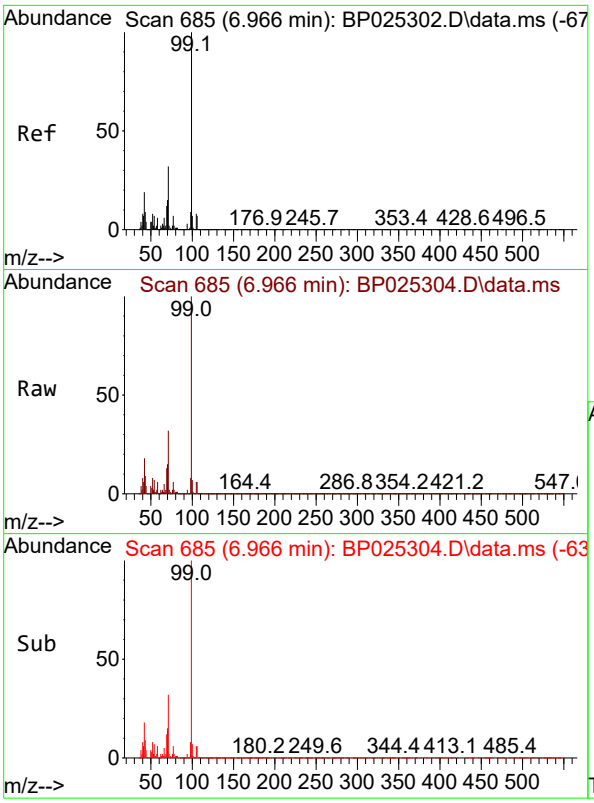


#6
Aniline
Concen: 64.169 ng
RT: 7.137 min Scan# 714
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 93 Resp: 1510421

Ion	Ratio	Lower	Upper
93	100		
66	37.9	31.1	46.7
65	19.2	15.8	23.8



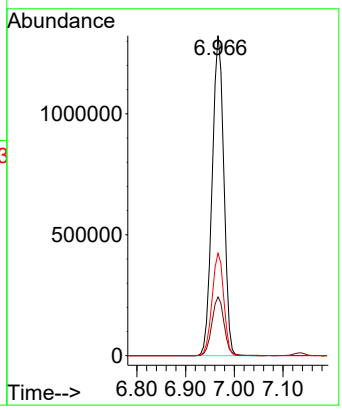


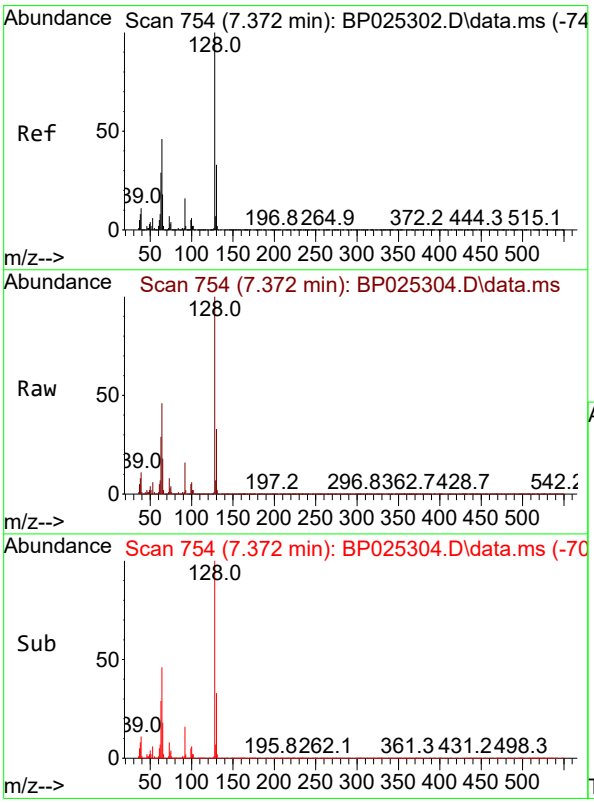
#7
Phenol-d6
Concen: 126.763 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 2192788

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.6
71	32.0	25.5	38.3

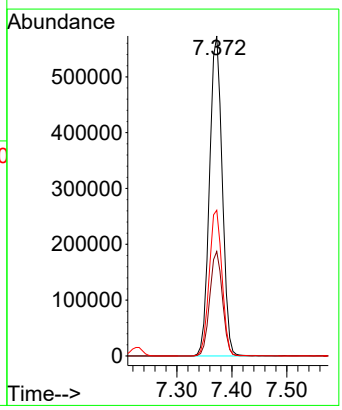


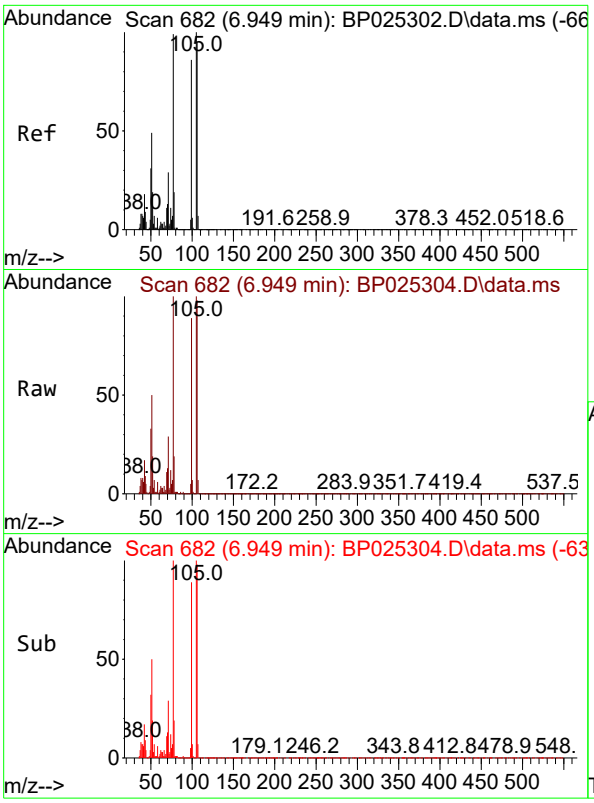


#8
2-Chlorophenol
Concen: 64.474 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:128 Resp: 919471

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	45.6	26.1	66.1



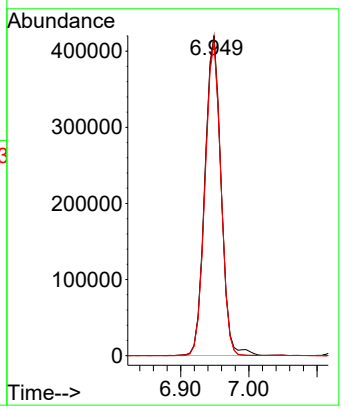


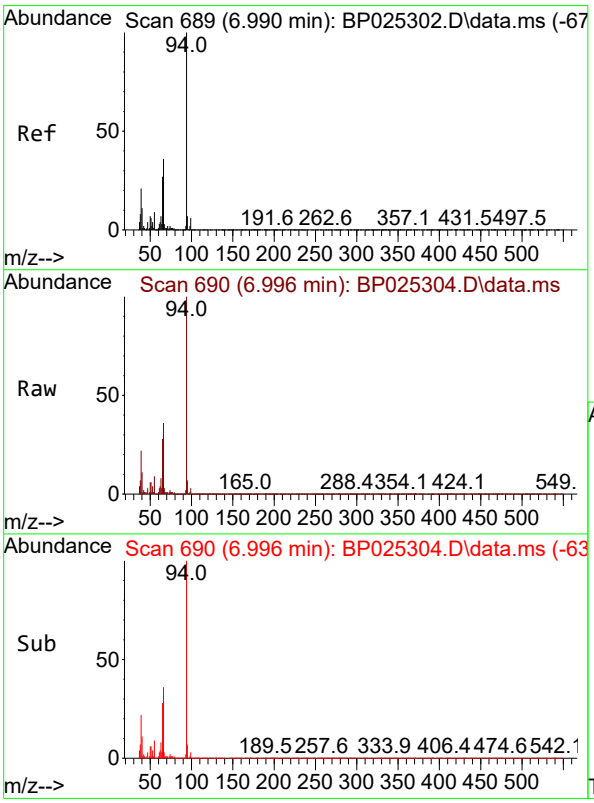
#9
Benzaldehyde
Concen: 56.545 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 688637

Ion	Ratio	Lower	Upper
77	100		
105	100.0	81.4	121.4
106	97.7	76.2	116.2

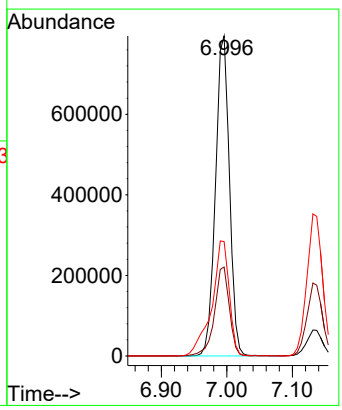


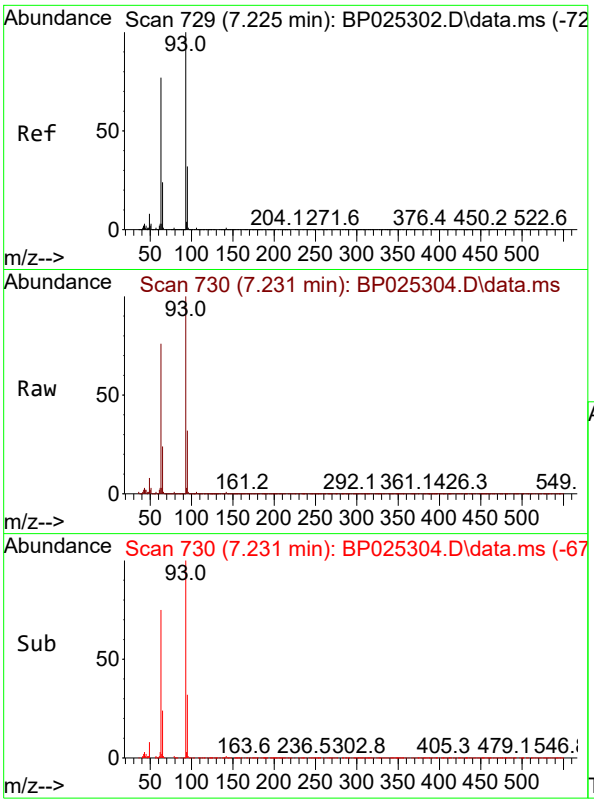


#10
Phenol
Concen: 63.704 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 94 Resp: 1168723

Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.3	47.3
66	35.8	15.7	55.7



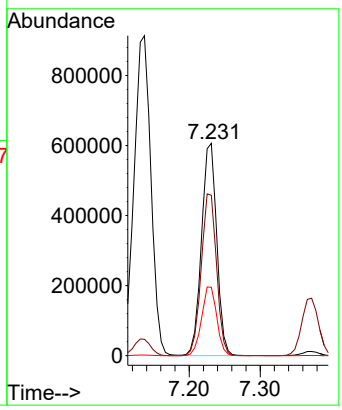


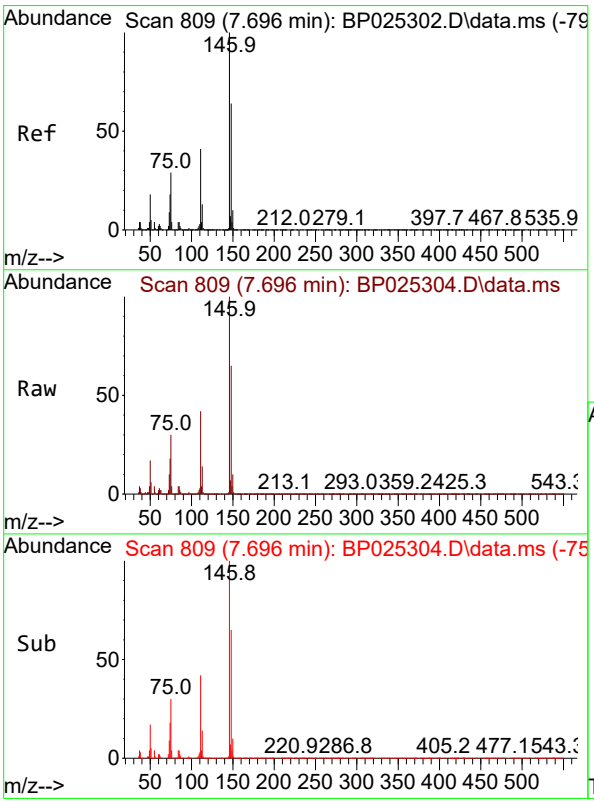
#11
bis(2-Chloroethyl)ether
Concen: 62.958 ng
RT: 7.231 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 905011

Ion	Ratio	Lower	Upper
93	100		
63	75.6	57.0	97.0
95	32.3	12.1	52.1

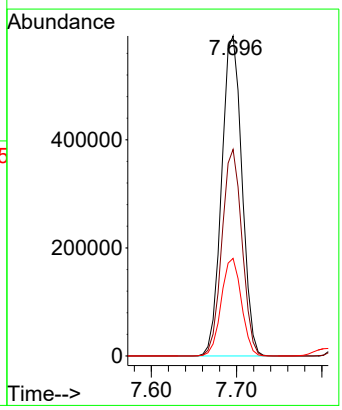


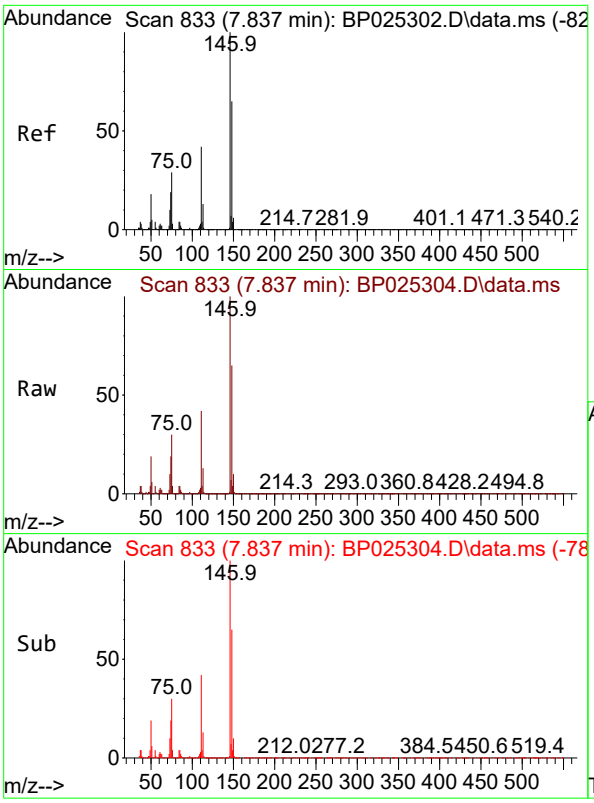


#12
1,3-Dichlorobenzene
Concen: 61.060 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:146 Resp: 978449

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
75	30.5	23.2	34.8



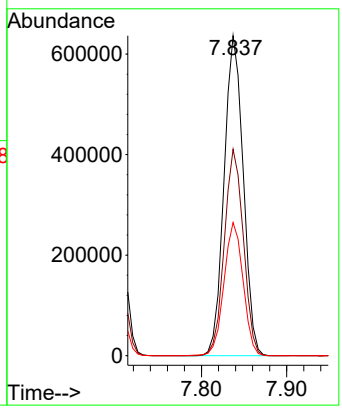


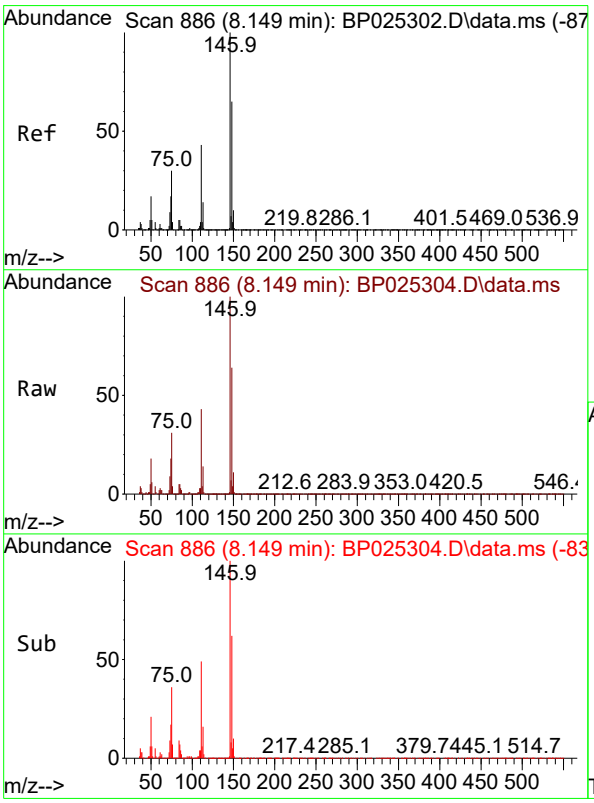
#13
1,4-Dichlorobenzene
Concen: 61.246 ng
RT: 7.837 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 992921

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	41.6	33.2	49.8

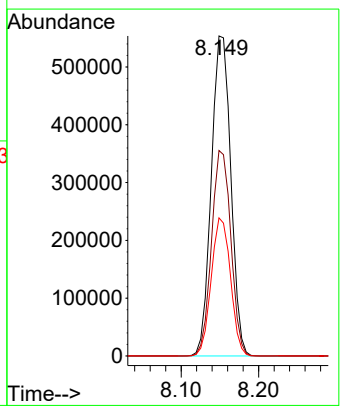


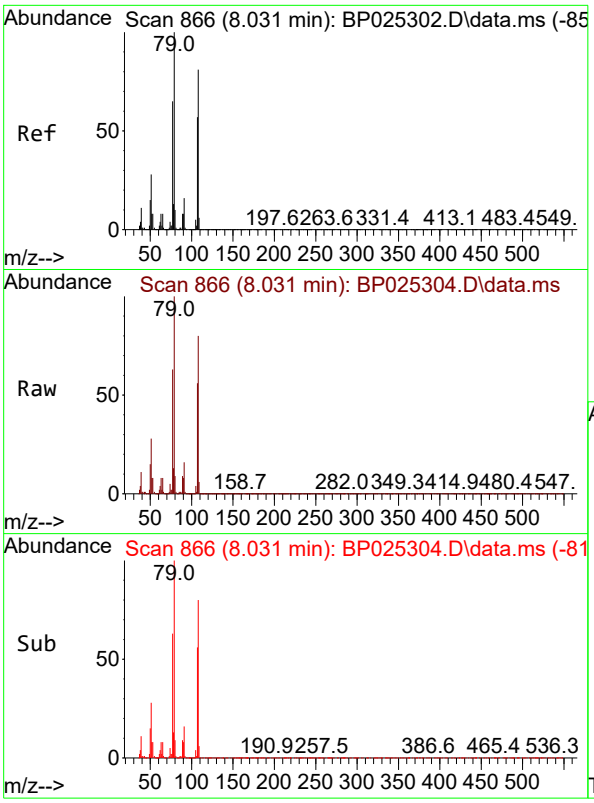


#14
1,2-Dichlorobenzene
Concen: 61.580 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:146 Resp: 967096

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	43.2	34.4	51.6



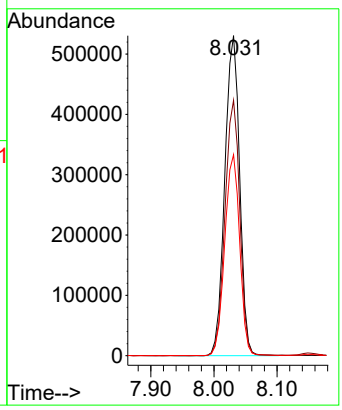


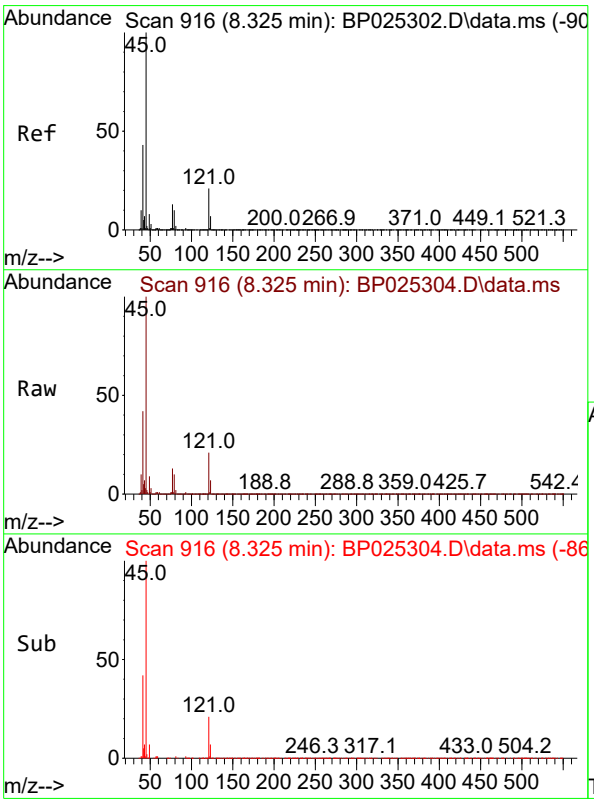
#15
Benzyl Alcohol
Concen: 65.324 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 868233

Ion	Ratio	Lower	Upper
79	100		
108	79.8	64.5	96.7
77	62.8	51.9	77.9

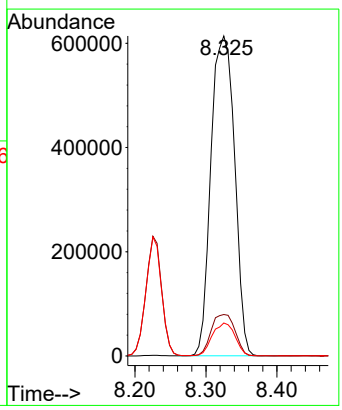


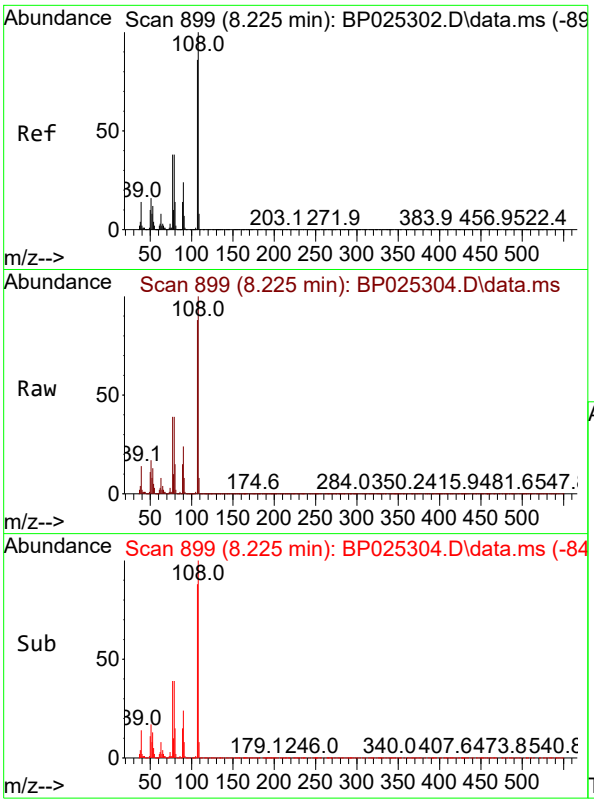


#16
2,2'-oxybis(1-Chloropropane)
Concen: 62.512 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 45 Resp: 1419539

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	33.0
79	10.3	0.0	29.8



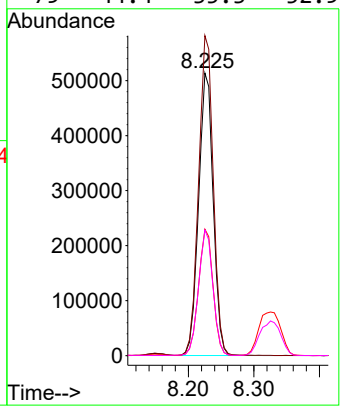


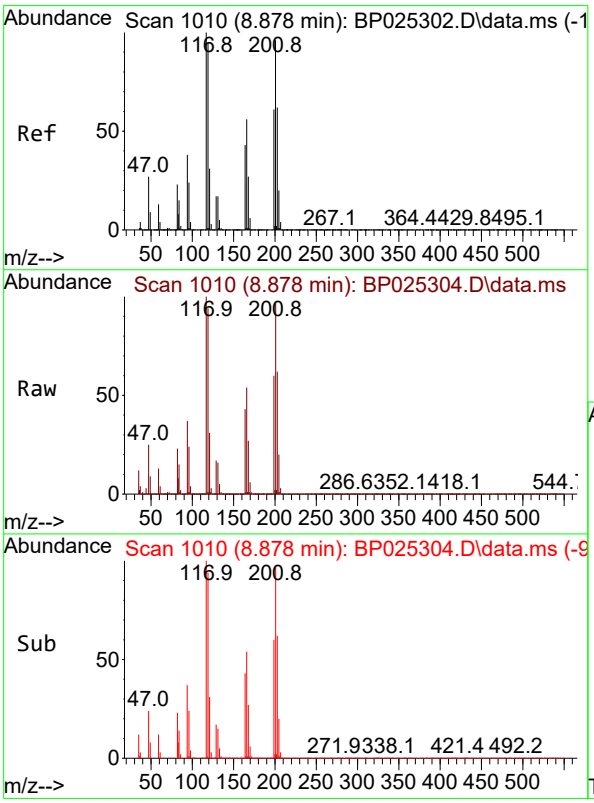
#17
2-Methylphenol
Concen: 64.734 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 794670

Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.6	139.0
77	44.7	35.4	53.2
79	44.4	35.3	52.9

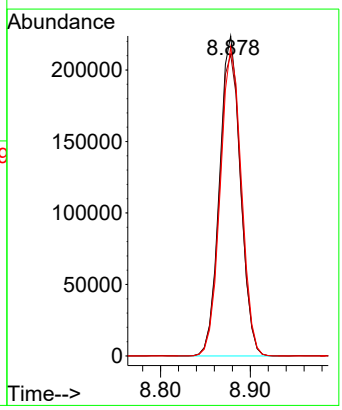


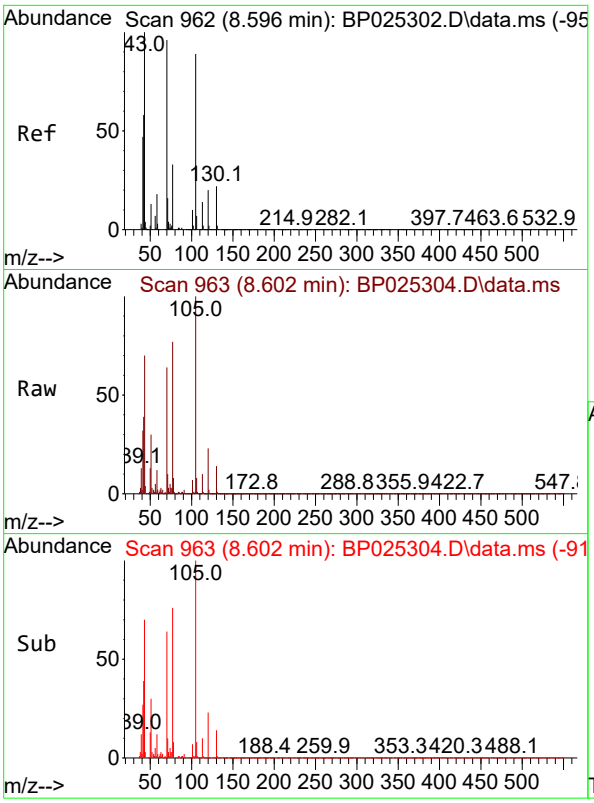


#18
Hexachloroethane
Concen: 62.586 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:117 Resp: 362858

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	96.5	76.6	114.8



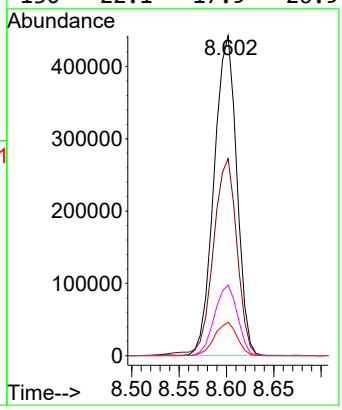


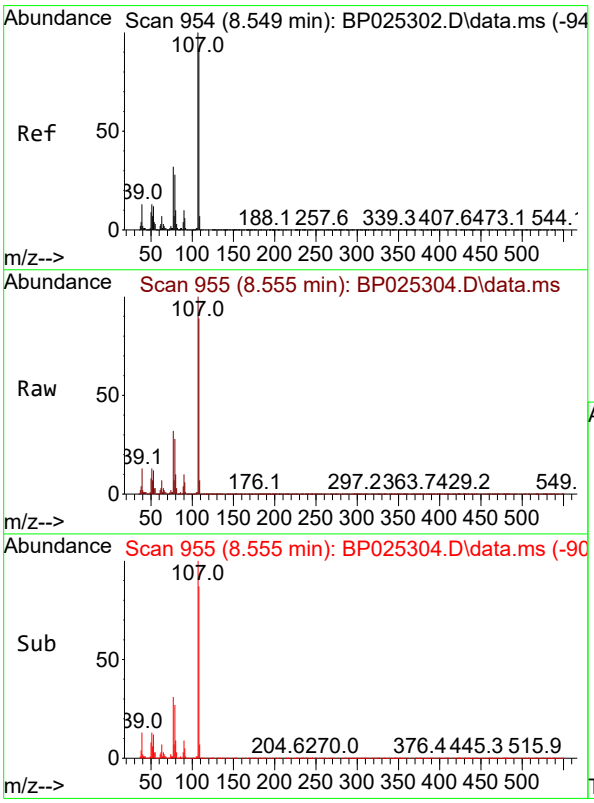
#19
n-Nitroso-di-n-propylamine
Concen: 65.363 ng
RT: 8.602 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 736360

Ion	Ratio	Lower	Upper
70	100		
42	61.6	49.4	74.0
101	10.5	7.9	11.9
130	22.1	17.9	26.9

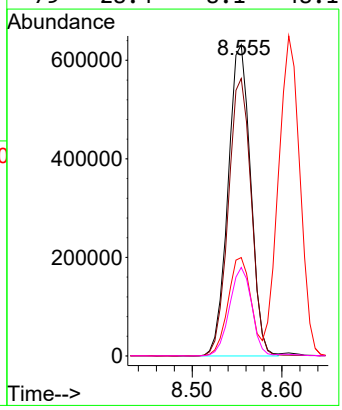


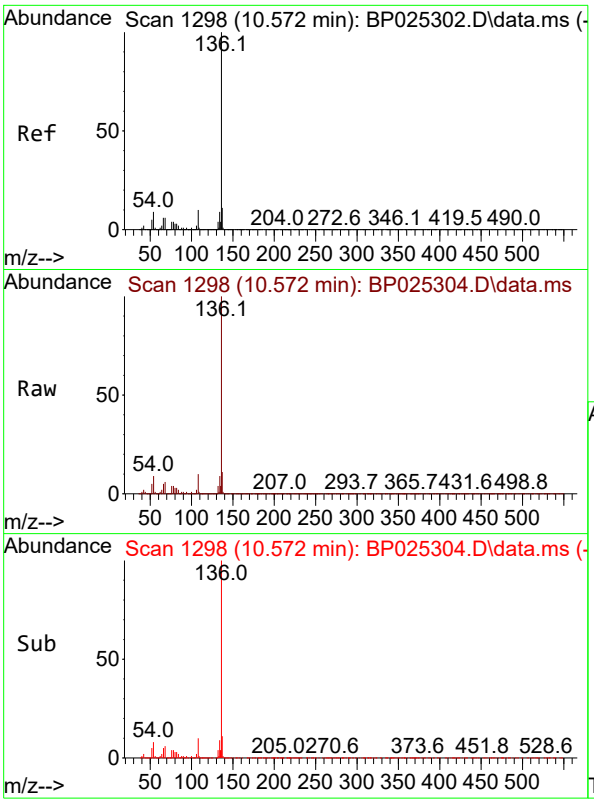


#20
3+4-Methylphenols
Concen: 65.236 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:107 Resp: 1102764

Ion	Ratio	Lower	Upper
107	100		
108	89.1	71.9	111.9
77	31.6	12.0	52.0
79	28.4	8.1	48.1



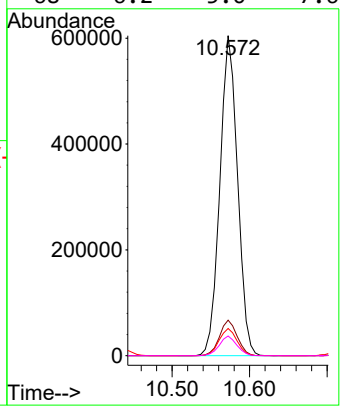


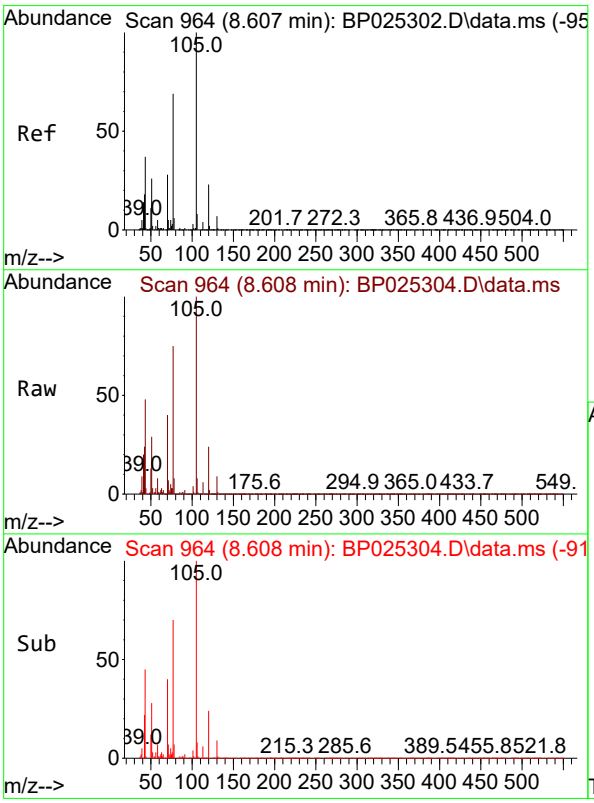
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 959140

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	7.0	10.6
68	6.2	5.0	7.6

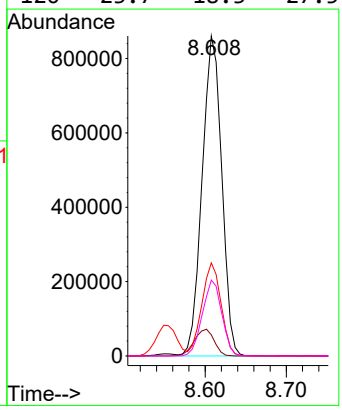


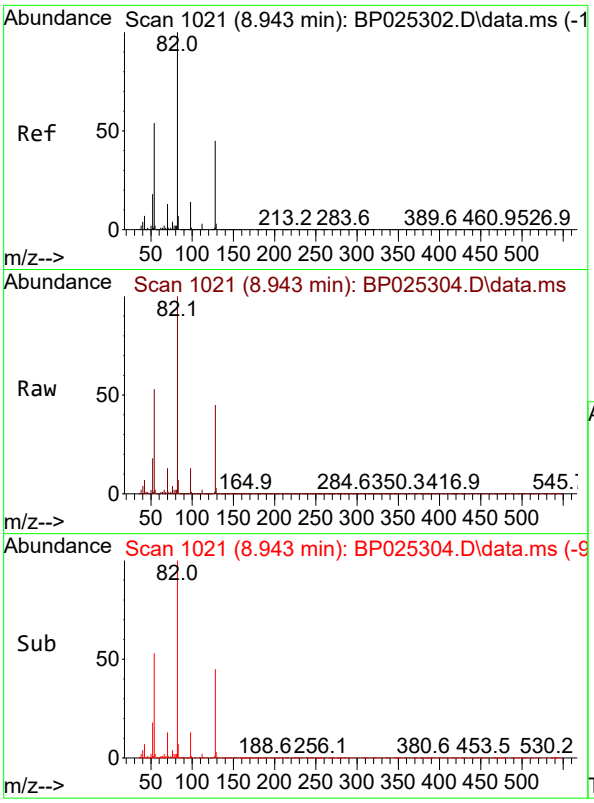


#22
Acetophenone
Concen: 59.875 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:105 Resp: 1441680

Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.1	6.1#
51	29.1	22.7	34.1
120	23.7	18.3	27.5



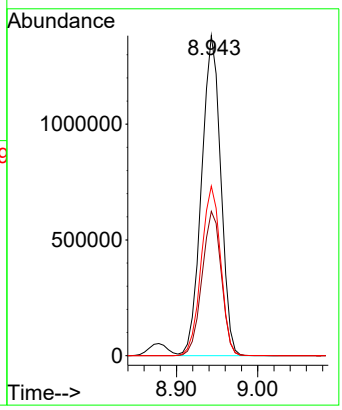


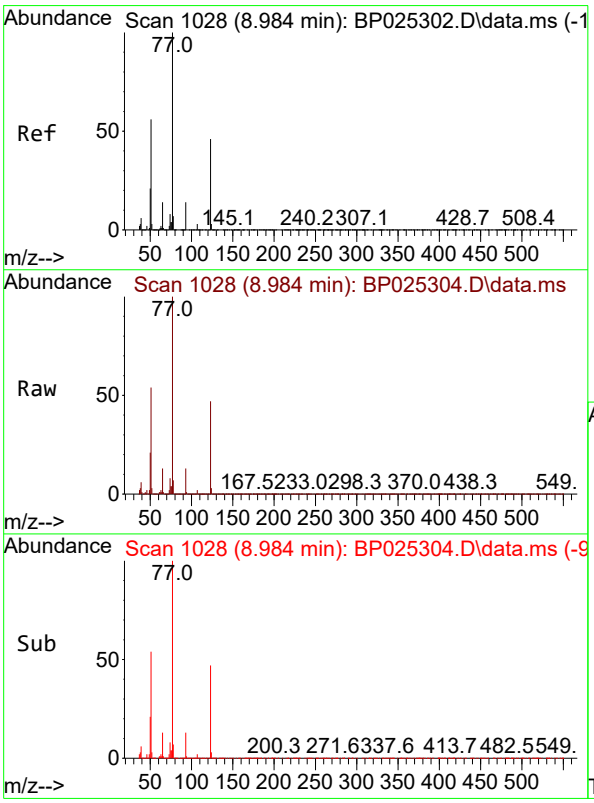
#23
Nitrobenzene-d5
Concen: 127.855 ng
RT: 8.943 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2266518

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.4	53.2
54	53.0	42.9	64.3

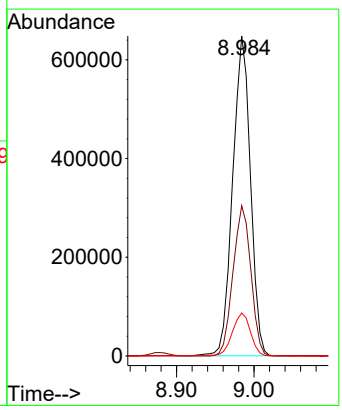


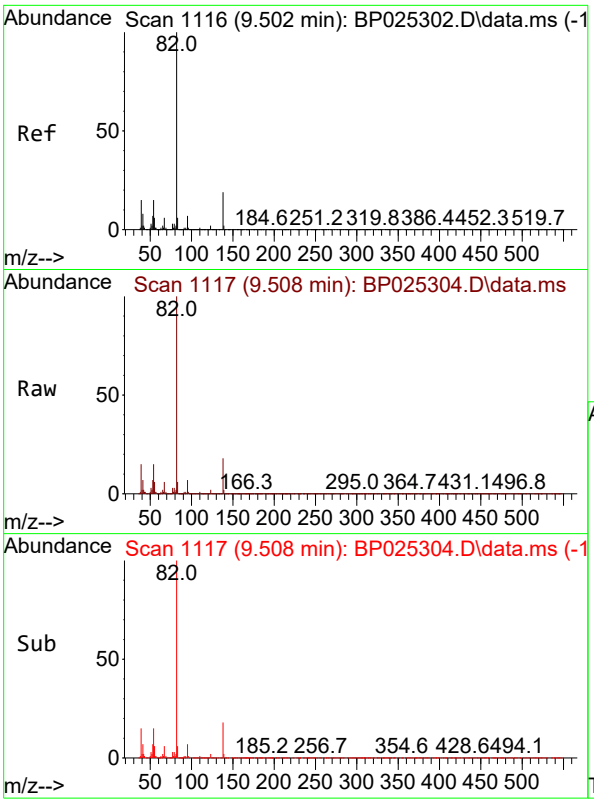


#24
Nitrobenzene
Concen: 63.003 ng
RT: 8.984 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 77 Resp: 1032520

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.4	56.2
65	13.4	11.1	16.7



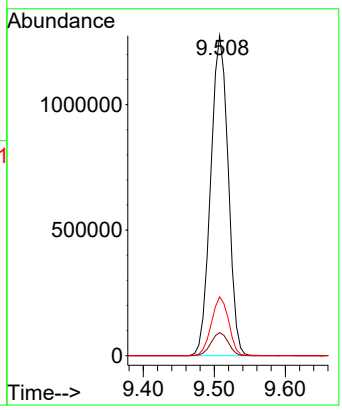


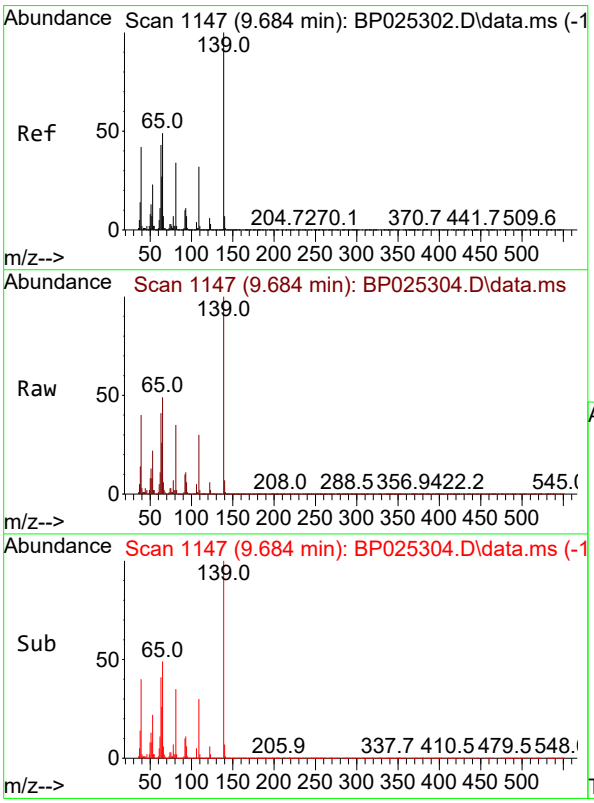
#25
Isophorone
Concen: 63.135 ng
RT: 9.508 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2175760

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	18.4	15.0	22.6

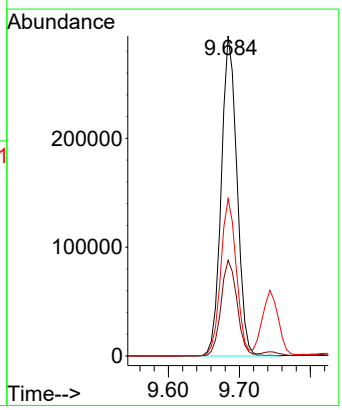


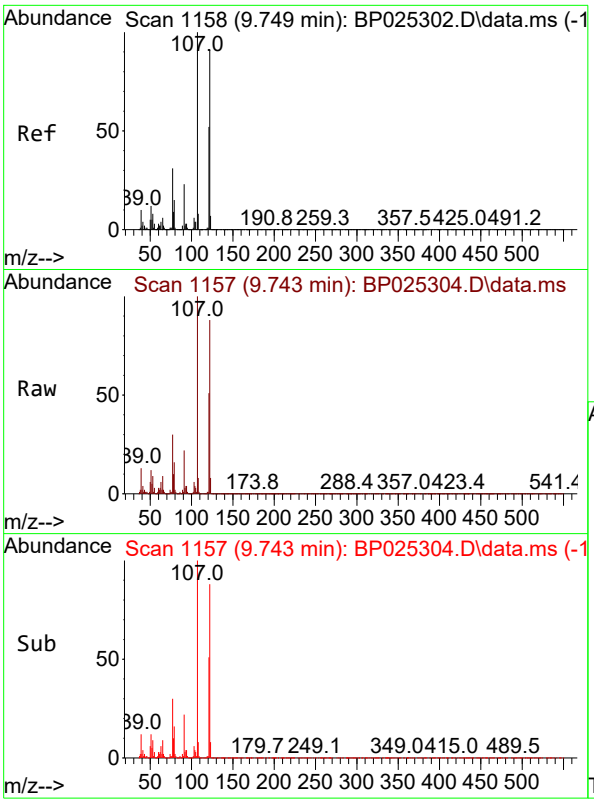


#26
2-Nitrophenol
Concen: 61.813 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:139 Resp: 449368

Ion	Ratio	Lower	Upper
139	100		
109	29.9	25.2	37.8
65	49.2	39.6	59.4



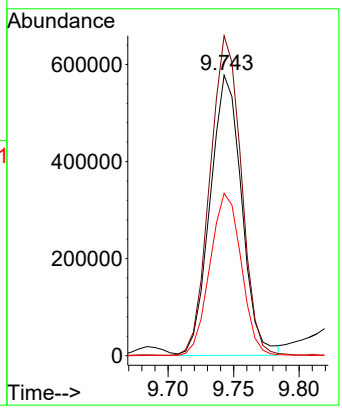


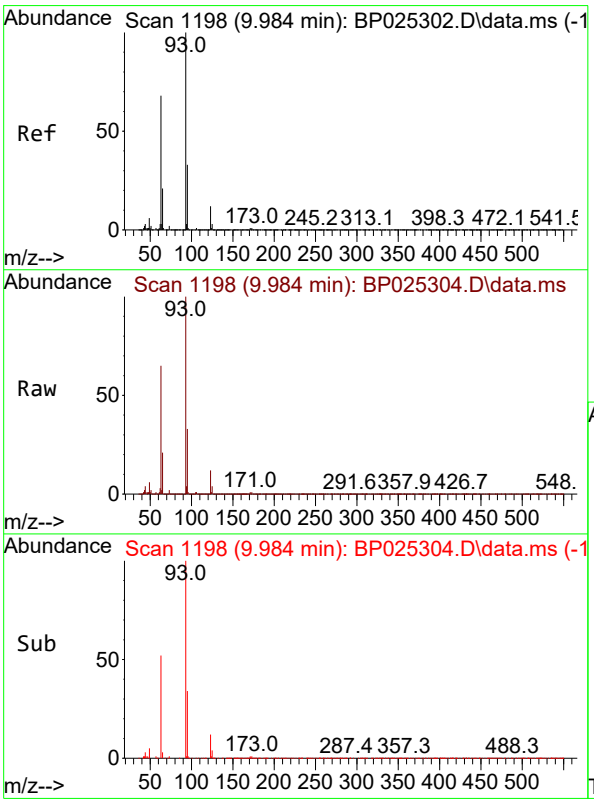
#27
2,4-Dimethylphenol
Concen: 60.732 ng
RT: 9.743 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 964929

Ion	Ratio	Lower	Upper
122	100		
107	114.1	87.4	131.0
121	57.9	45.8	68.8

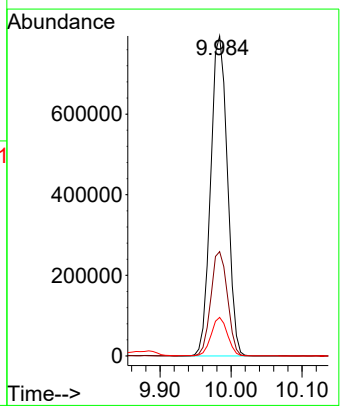


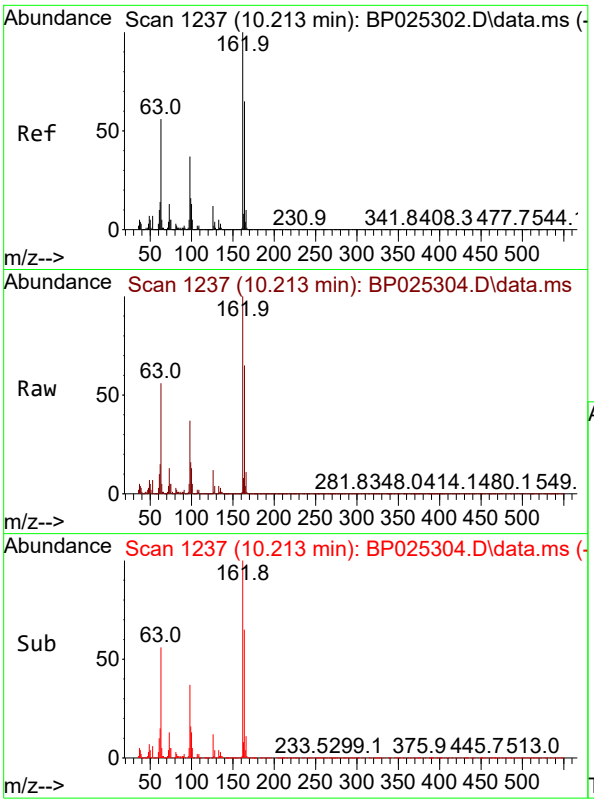


#28
bis(2-Chloroethoxy)methane
Concen: 61.783 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 93 Resp: 1295232

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	12.0	9.4	14.2



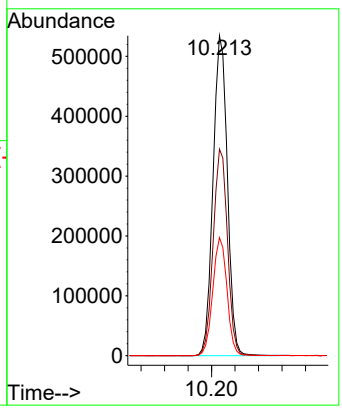


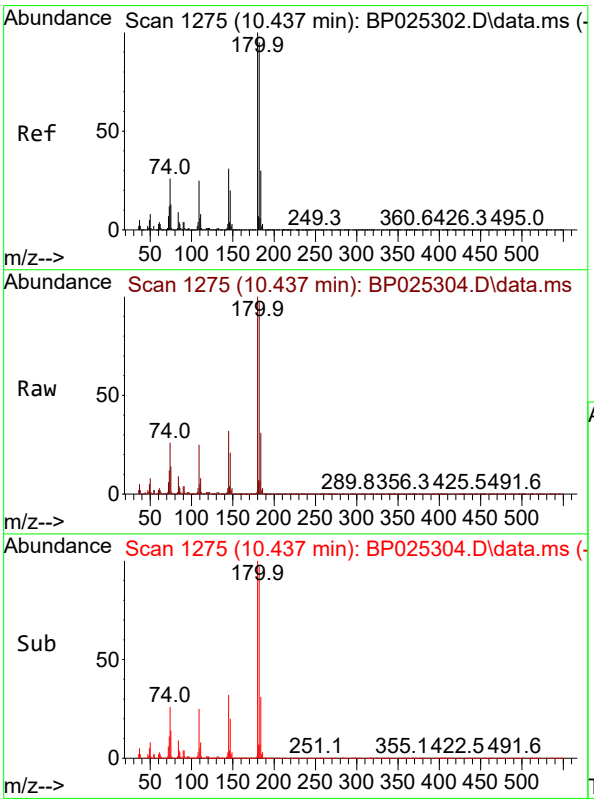
#29
2,4-Dichlorophenol
Concen: 65.101 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 905554

Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.2	85.2
98	36.9	17.5	57.5

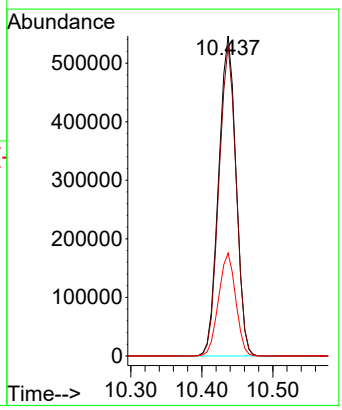


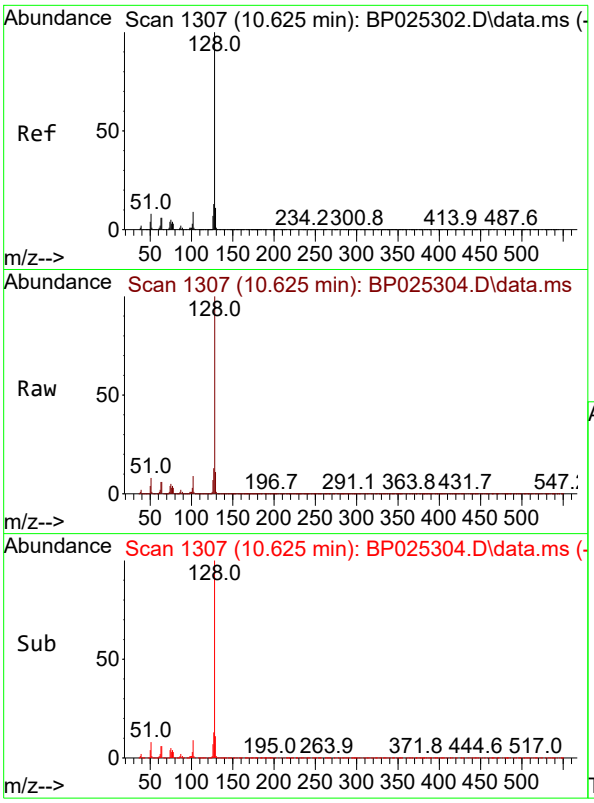


#30
1,2,4-Trichlorobenzene
Concen: 60.262 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:180 Resp: 924791

Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.8	113.8
145	32.2	25.0	37.4



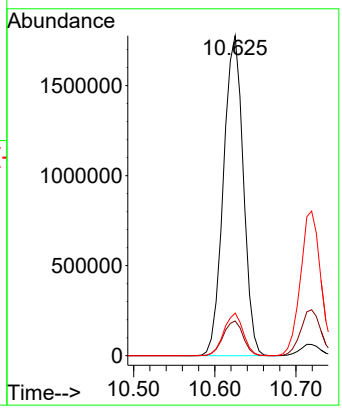


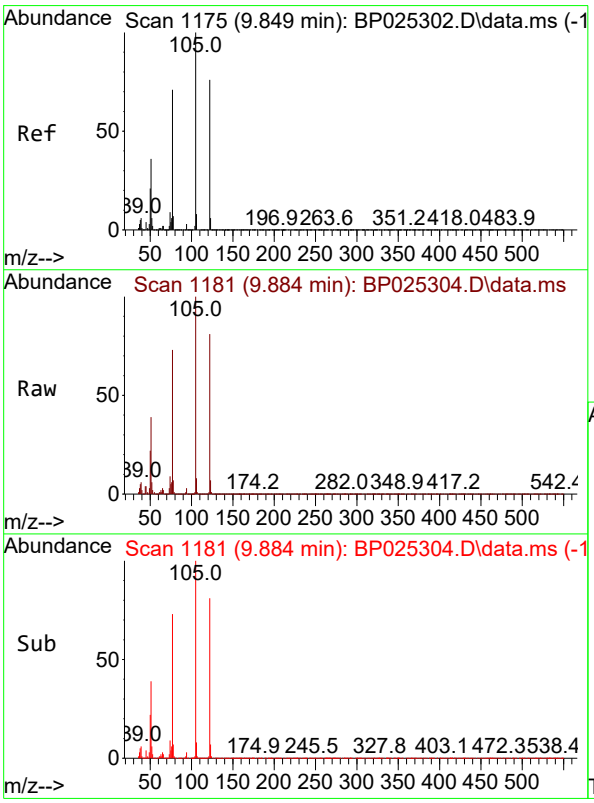
#31
Naphthalene
Concen: 60.593 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 3016986

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.3	10.4	15.6

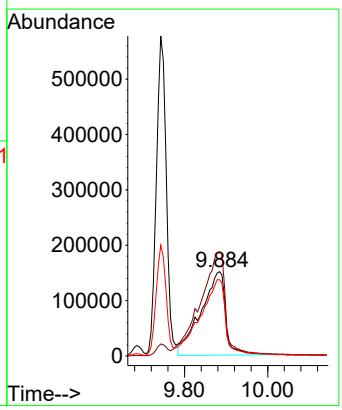


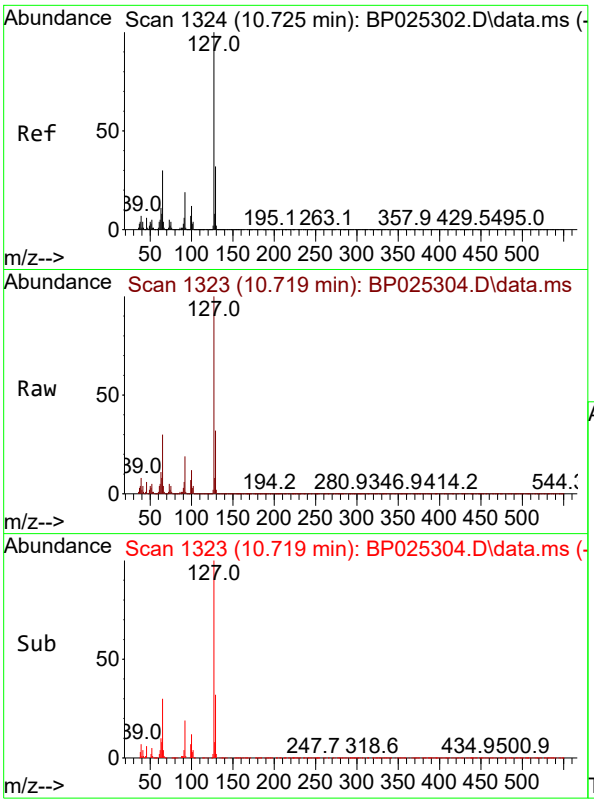


#32
Benzoic acid
Concen: 61.911 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.035 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:122 Resp: 625232

Ion	Ratio	Lower	Upper
122	100		
105	123.8	104.0	144.0
77	90.6	71.8	111.8



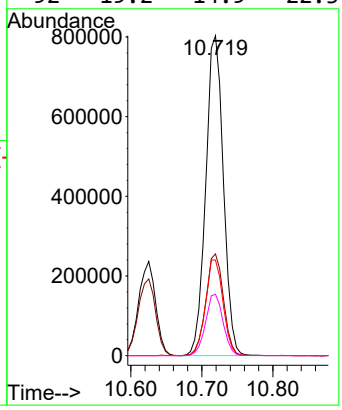


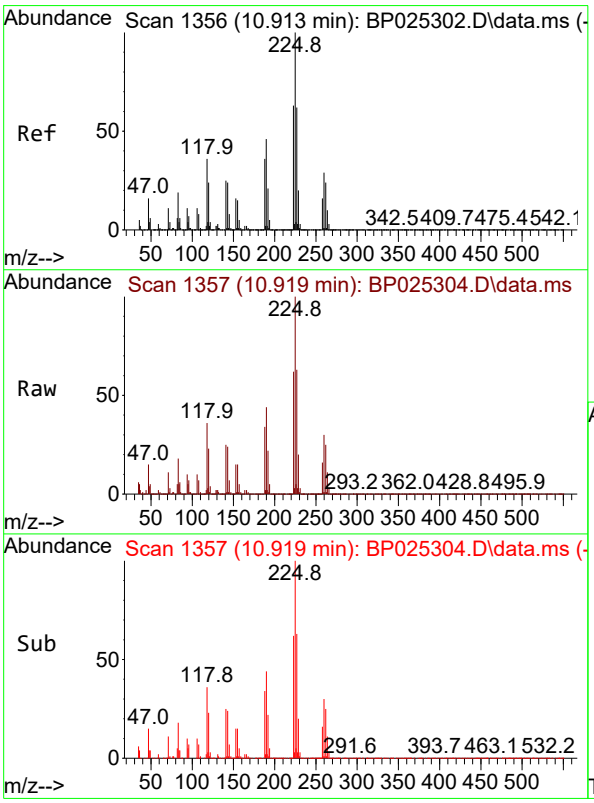
#33
4-Chloroaniline
Concen: 62.570 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1385599

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	29.8	23.6	35.4
92	19.2	14.9	22.3

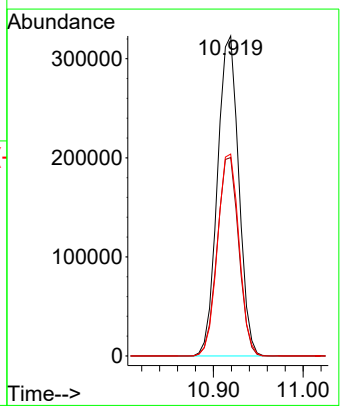


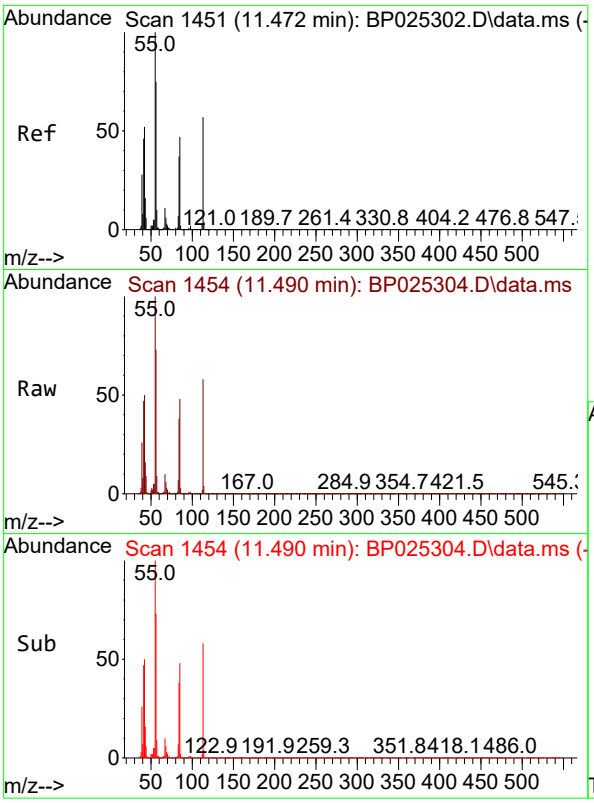


#34
Hexachlorobutadiene
Concen: 60.284 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:225 Resp: 531051

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	63.1	49.7	74.5



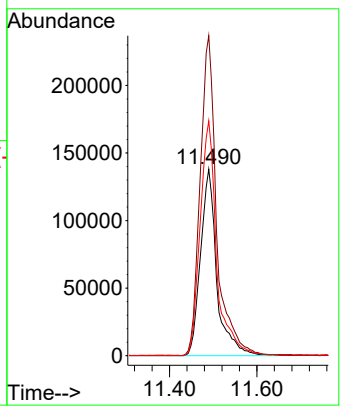


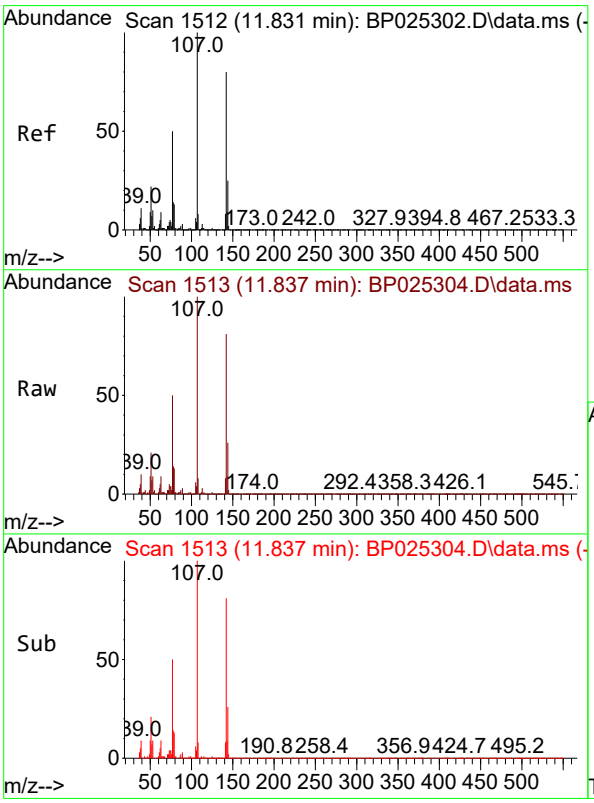
#35
Caprolactam
Concen: 65.928 ng
RT: 11.490 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 356548

Ion	Ratio	Lower	Upper
113	100		
55	171.6	154.4	194.4
56	126.0	110.9	150.9

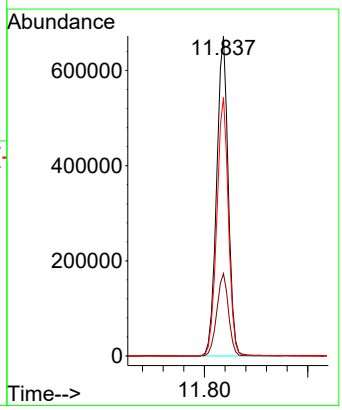


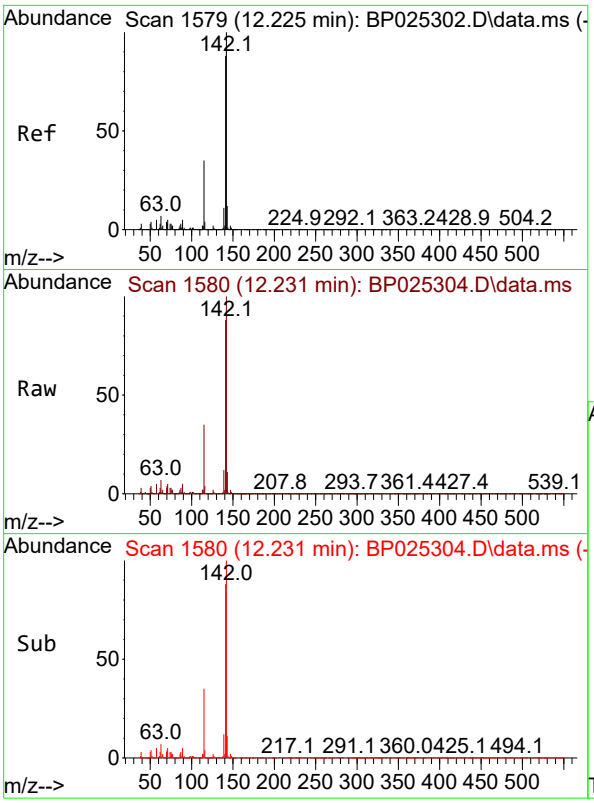


#36
4-Chloro-3-methylphenol
Concen: 64.929 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:107 Resp: 1045051

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.4	30.6
142	80.7	63.7	95.5



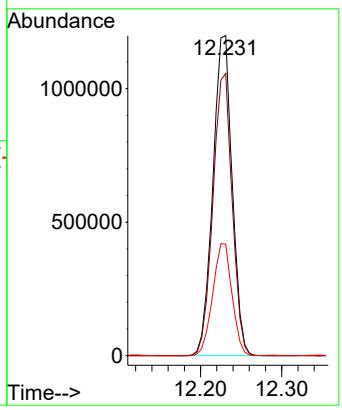


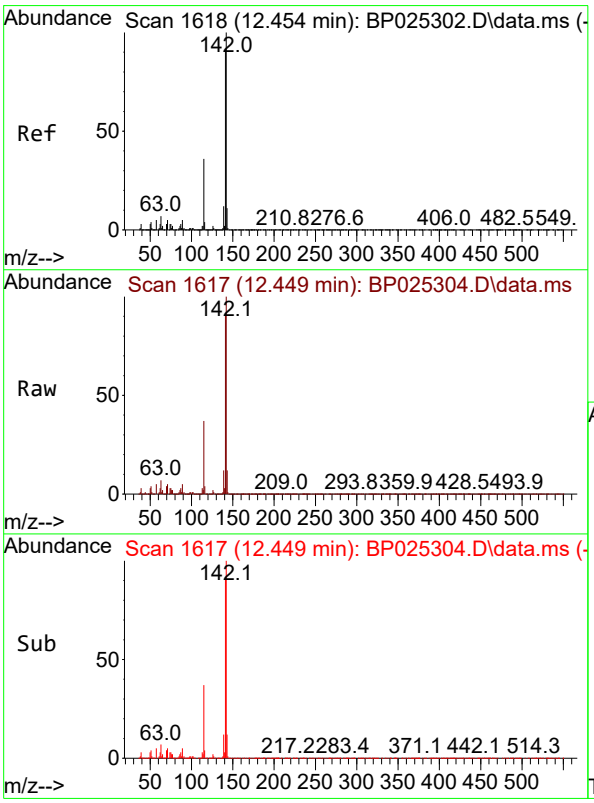
#37
2-Methylnaphthalene
Concen: 61.409 ng
RT: 12.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1979064

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	34.8	28.0	42.0

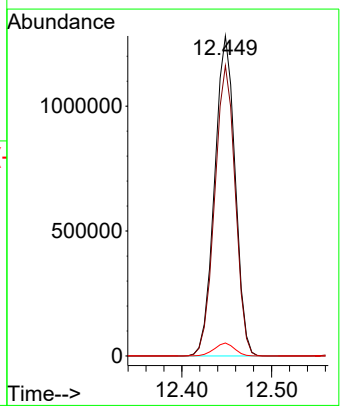


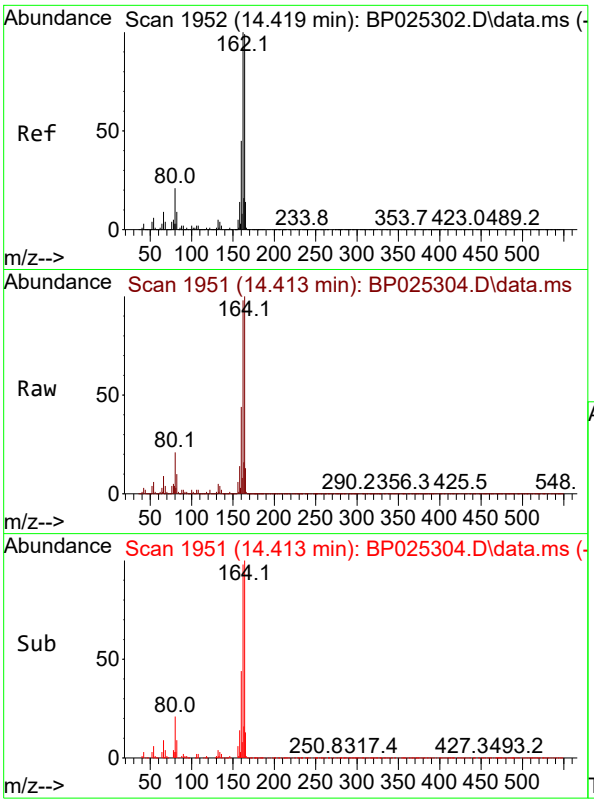


#38
1-Methylnaphthalene
Concen: 60.428 ng
RT: 12.449 min Scan# 1617
Delta R.T. -0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:142 Resp: 2032006

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.6
116	4.0	3.0	4.6



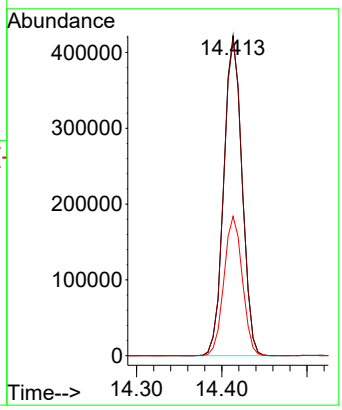


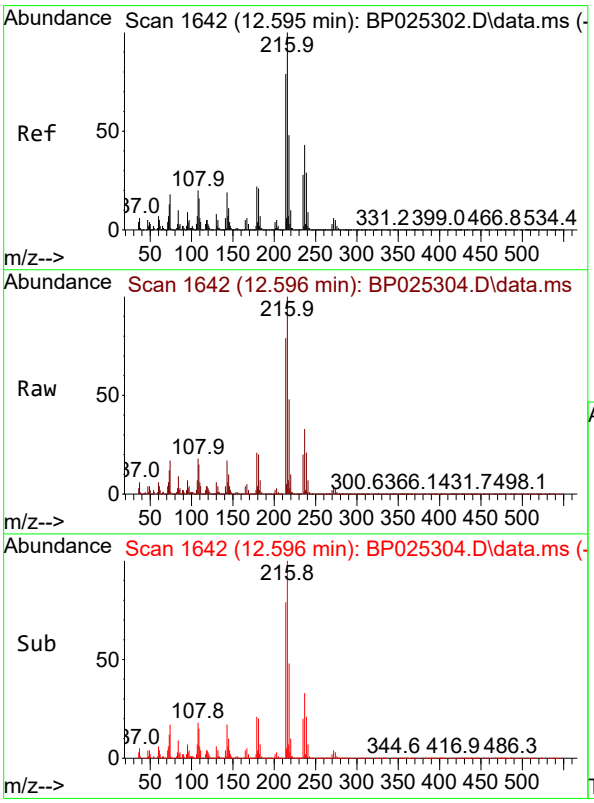
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 627525

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	120.8
160	43.6	35.9	53.9

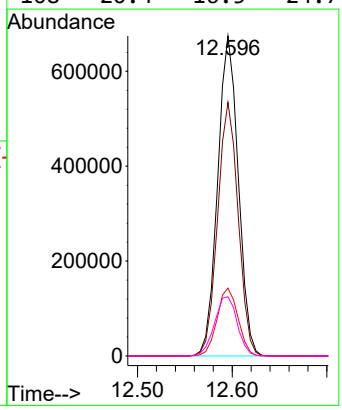


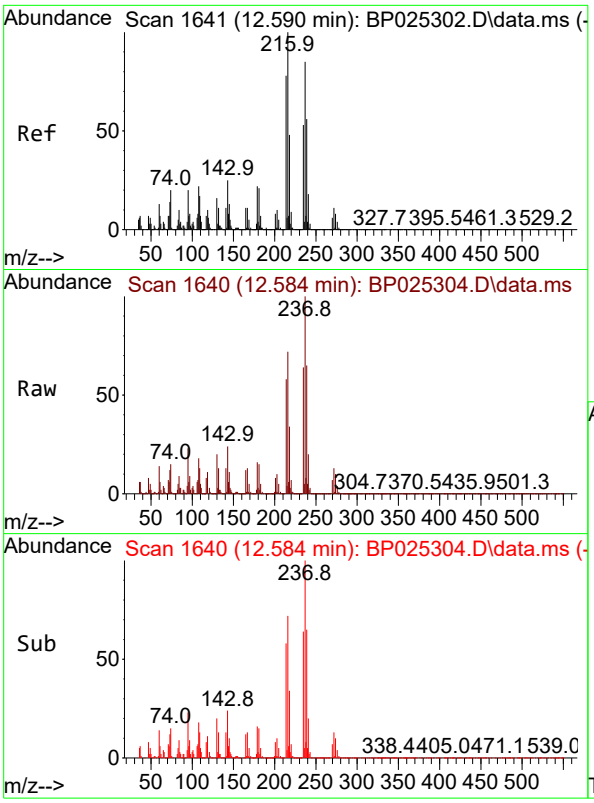


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.576 ng
RT: 12.596 min Scan# 1642
Delta R.T. 0.001 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:216 Resp: 1020686

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.4	93.6
179	21.6	17.5	26.3
108	20.4	16.5	24.7



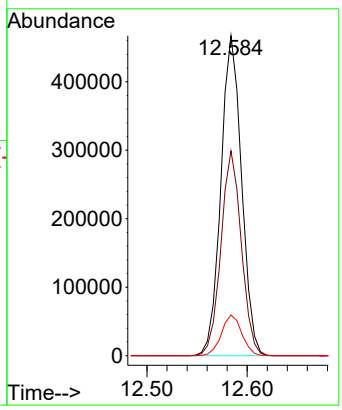


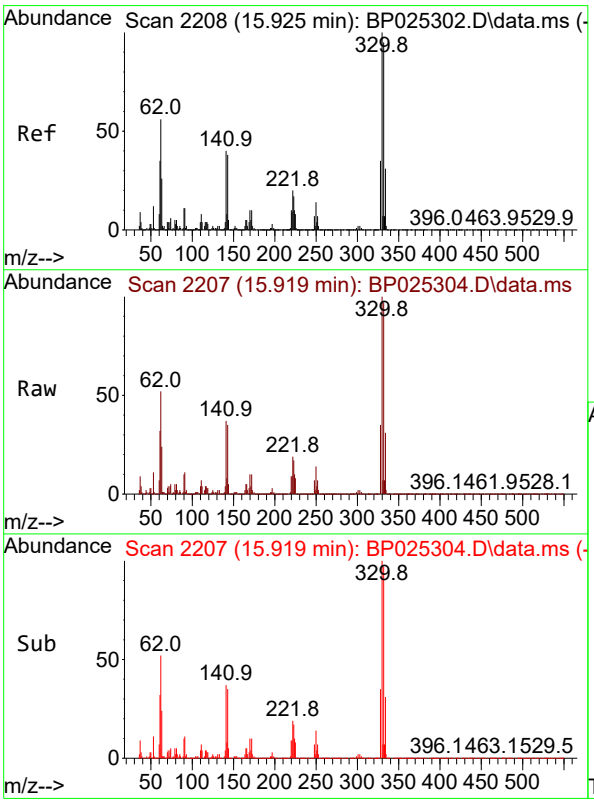
#41
Hexachlorocyclopentadiene
Concen: 63.265 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 668954

Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.2	82.2
272	12.7	0.0	32.8

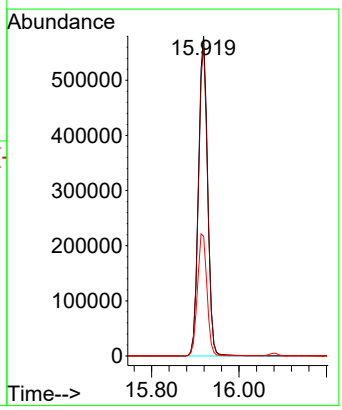


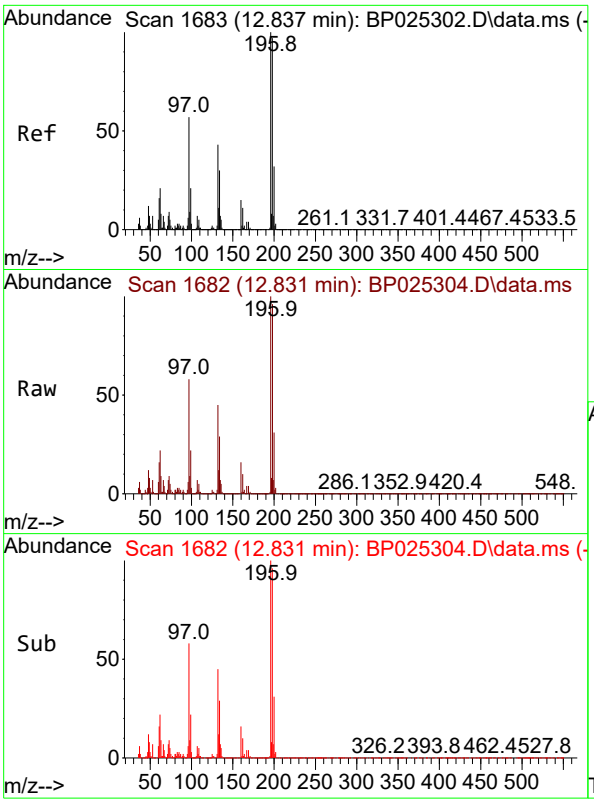


#42
2,4,6-Tribromophenol
Concen: 130.917 ng
RT: 15.919 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:330 Resp: 848230

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	39.5	31.7	47.5



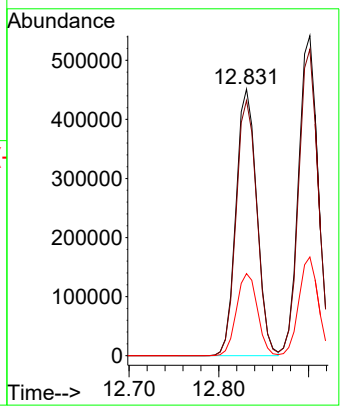


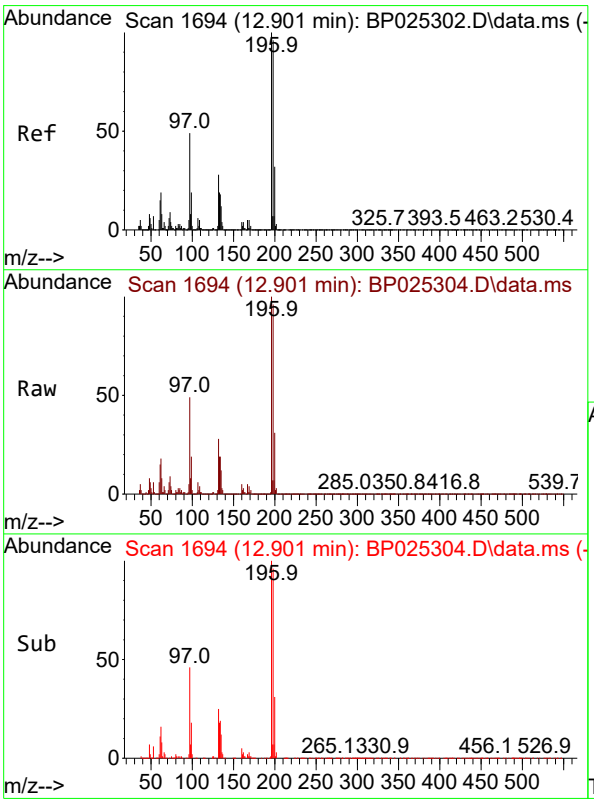
#43
2,4,6-Trichlorophenol
Concen: 65.619 ng
RT: 12.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 726236

Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.3	115.9
200	30.8	25.4	38.2

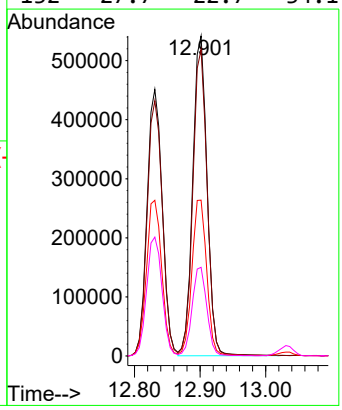


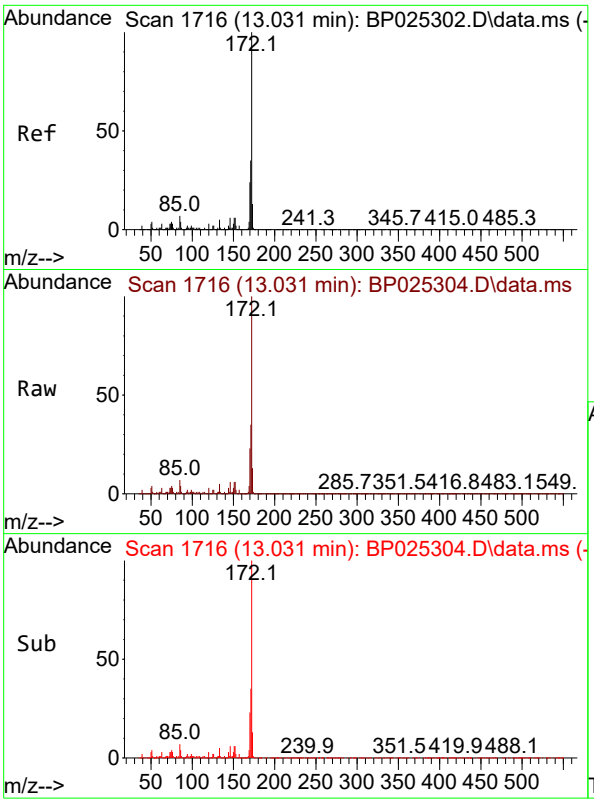


#44
2,4,5-Trichlorophenol
Concen: 66.349 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:196 Resp: 823738

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	114.8
97	48.7	39.5	59.3
132	27.7	22.7	34.1



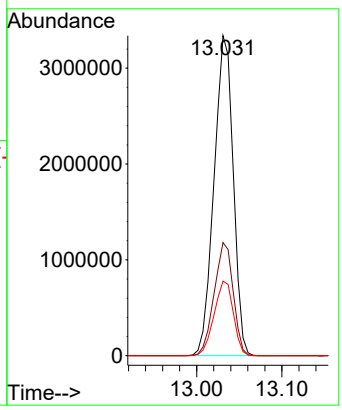


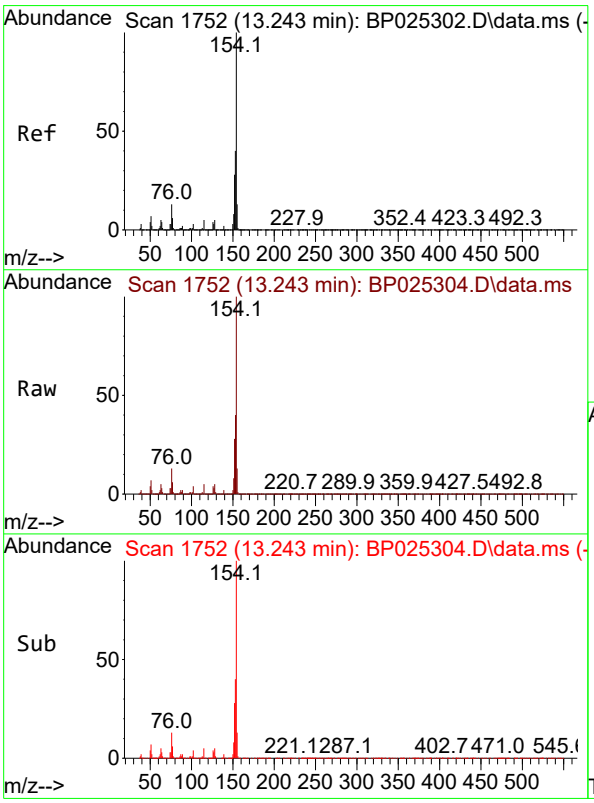
#45
2-Fluorobiphenyl
Concen: 115.685 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 5227983

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.3	18.9	28.3

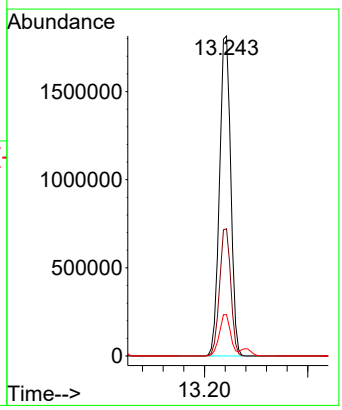


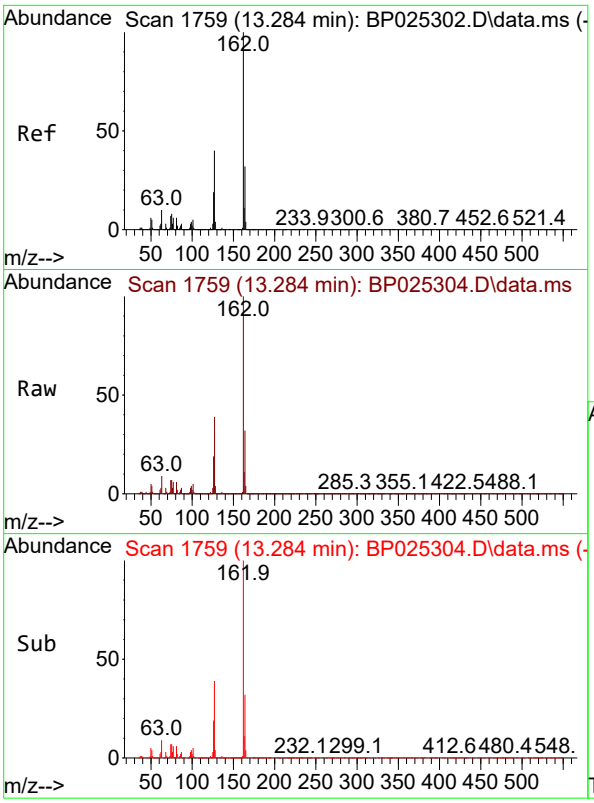


#46
1,1'-Biphenyl
Concen: 59.180 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:154 Resp: 2736817

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.9	59.9
76	12.9	0.0	33.2



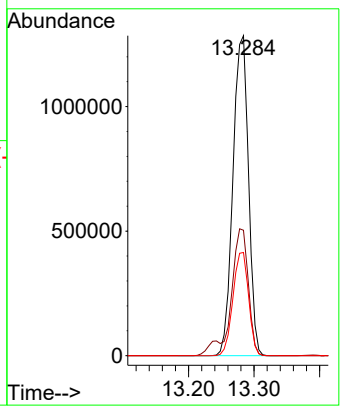


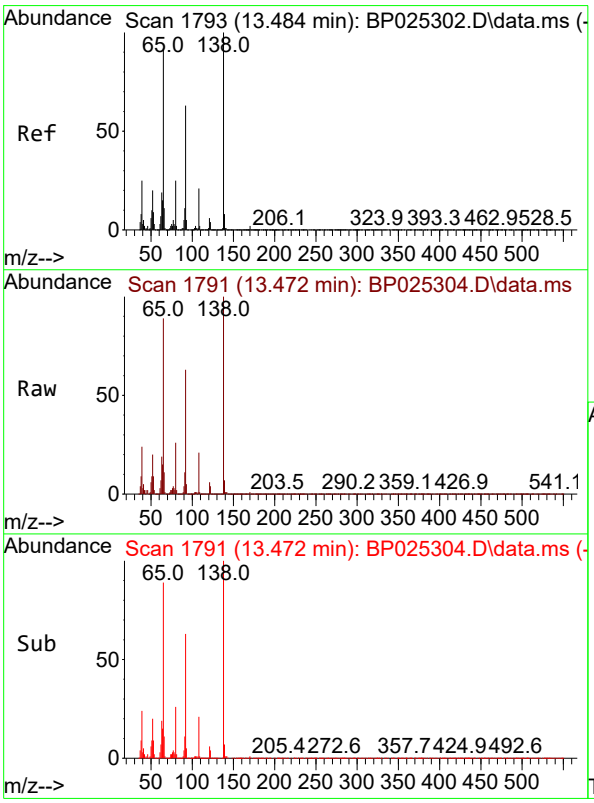
#47
2-Chloronaphthalene
Concen: 59.994 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2116700

Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.2	48.2
164	32.3	25.9	38.9

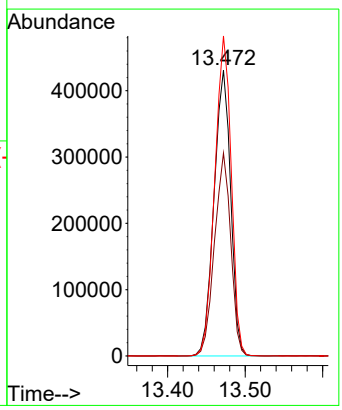


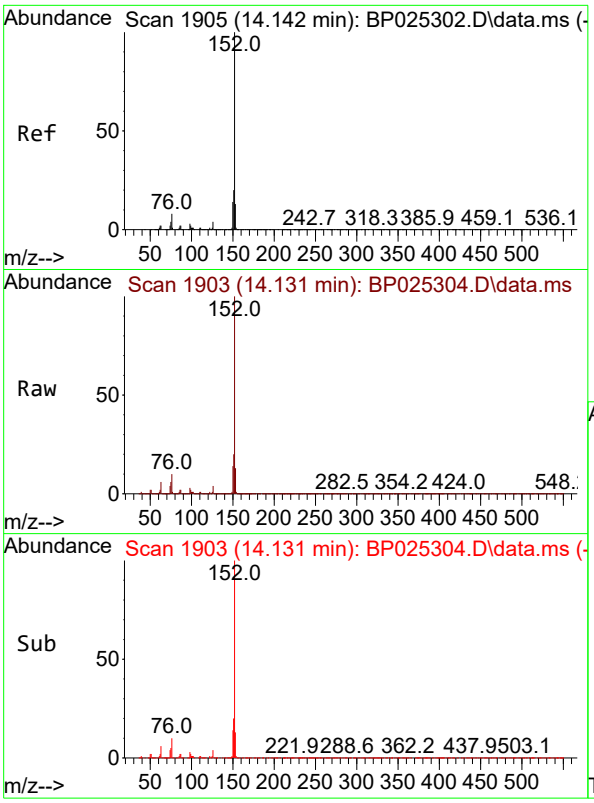


#48
2-Nitroaniline
Concen: 61.286 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion: 65 Resp: 642446

Ion	Ratio	Lower	Upper
65	100		
92	71.0	54.4	81.6
138	112.0	87.0	130.4



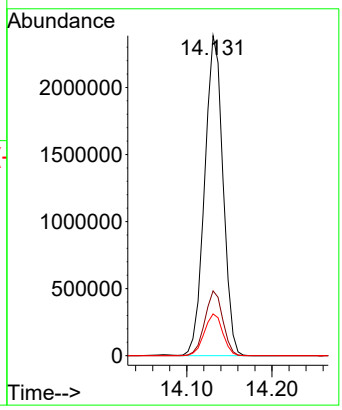


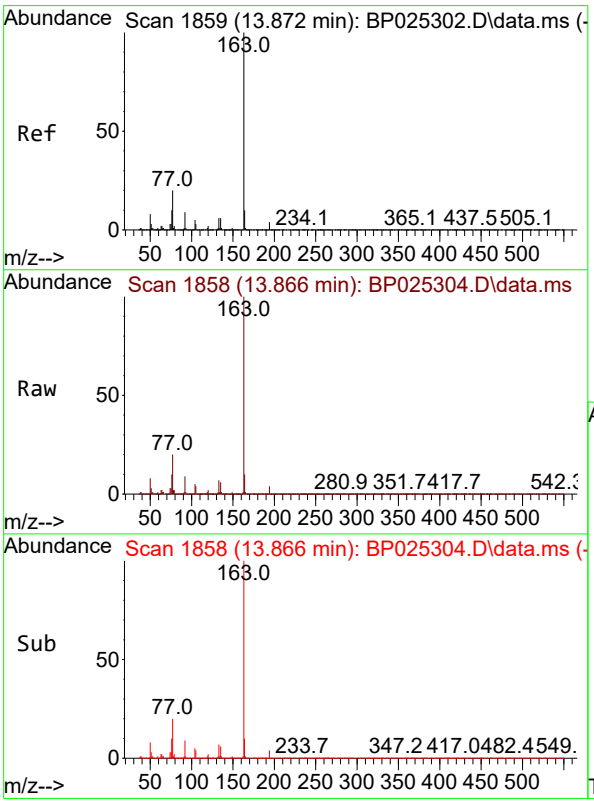
#49
Acenaphthylene
Concen: 60.462 ng
RT: 14.131 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 3558282

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.1	10.4	15.6

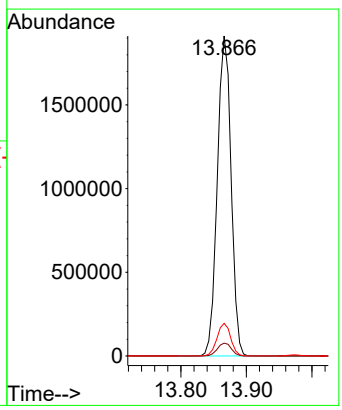


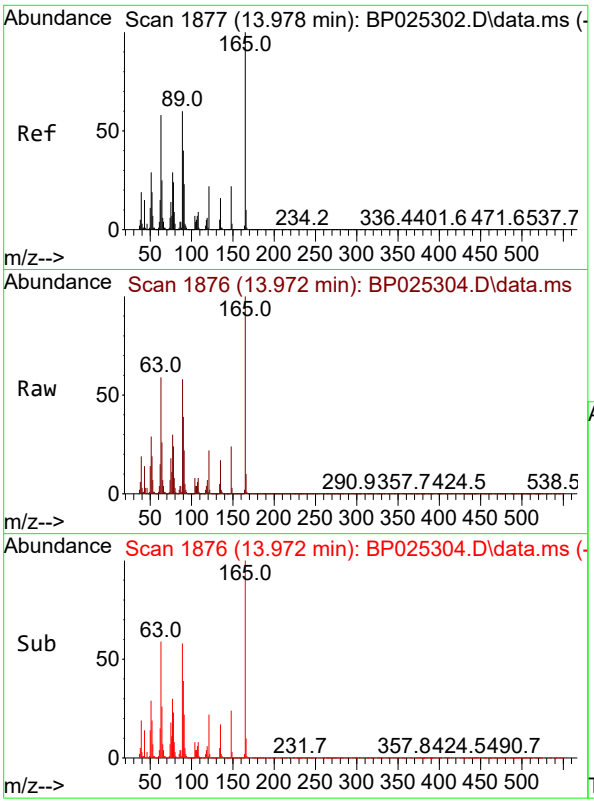


#50
Dimethylphthalate
Concen: 60.663 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:163 Resp: 2775097

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.0	12.0



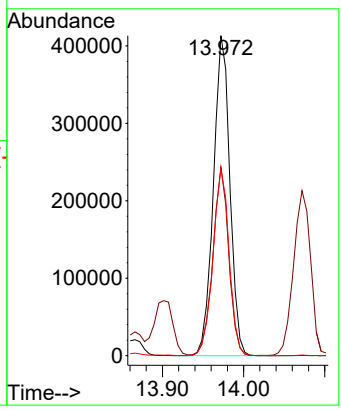


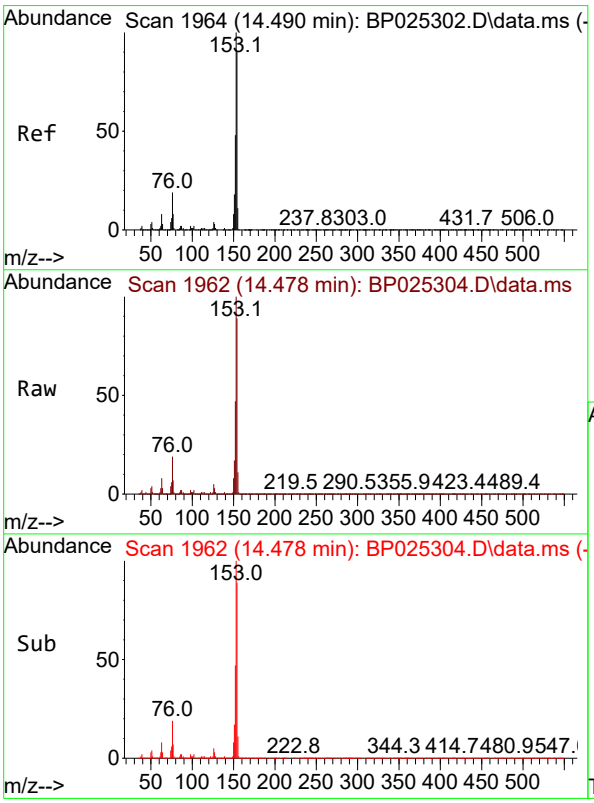
#51
2,6-Dinitrotoluene
Concen: 68.963 ng
RT: 13.972 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 581905

Ion	Ratio	Lower	Upper
165	100		
63	58.9	47.6	71.4
89	58.5	47.8	71.8

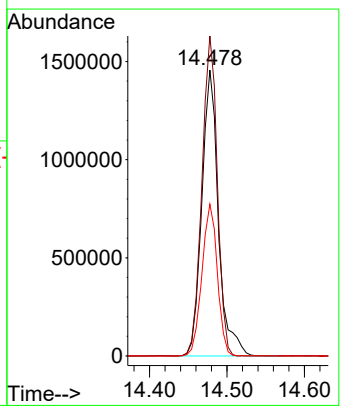


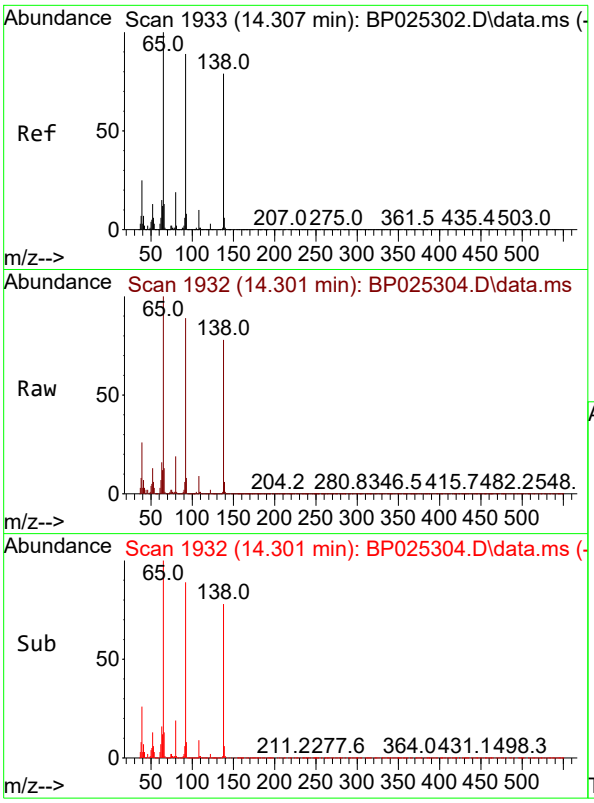


#52
Acenaphthene
Concen: 60.143 ng
RT: 14.478 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:154 Resp: 2158962

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.4	134.0
152	53.1	43.0	64.6



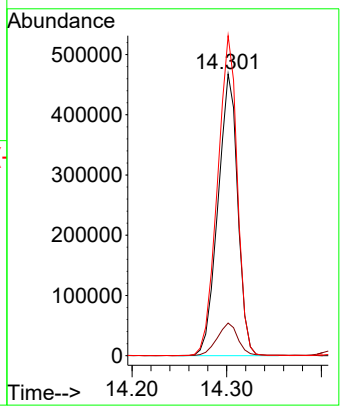


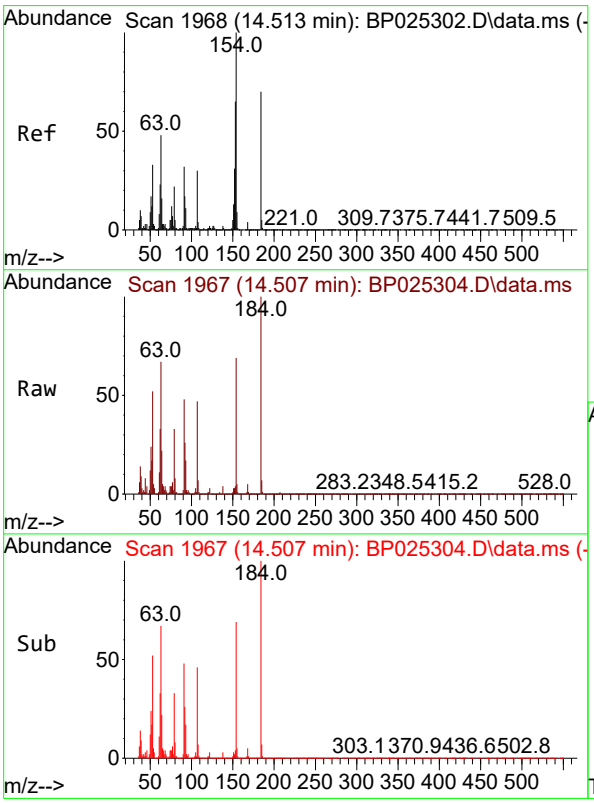
#53
3-Nitroaniline
Concen: 68.579 ng
RT: 14.301 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 677122

Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.5	15.7
92	113.6	90.9	136.3

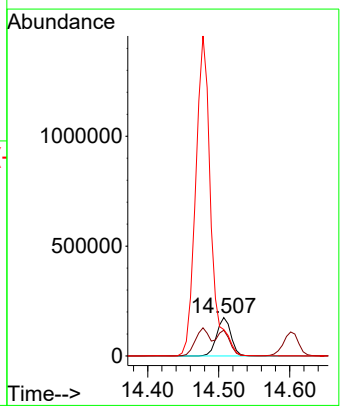


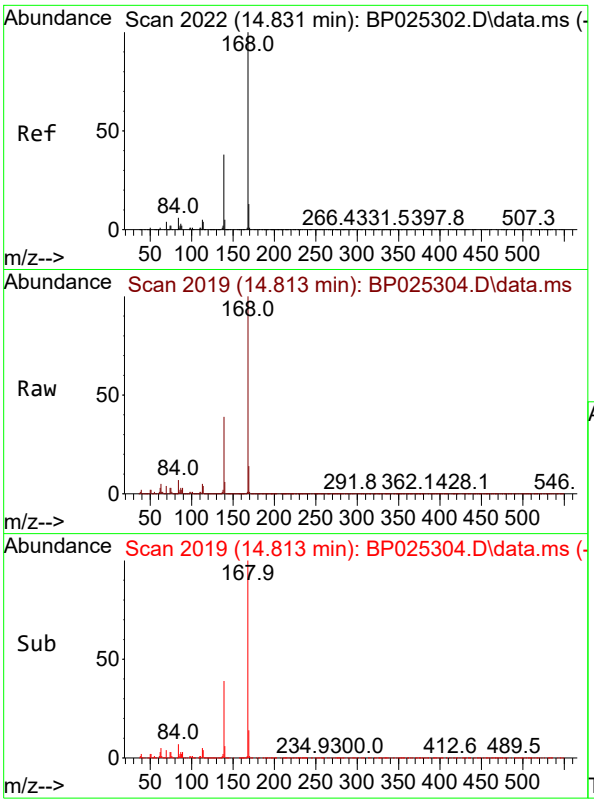


#54
2,4-Dinitrophenol
Concen: 60.748 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:184 Resp: 242217

Ion	Ratio	Lower	Upper
184	100		
63	67.0	56.3	84.5
154	68.8	124.5	186.7#



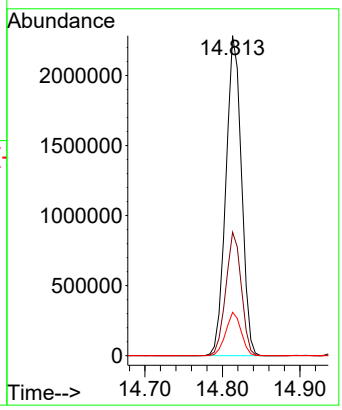


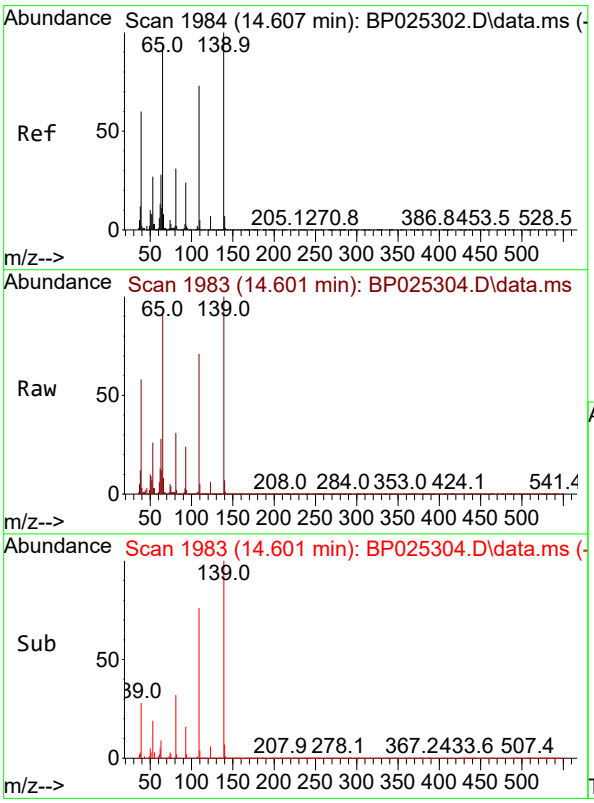
#55
Dibenzofuran
Concen: 59.657 ng
RT: 14.813 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 3200254

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.5	45.7
169	13.5	10.6	15.8

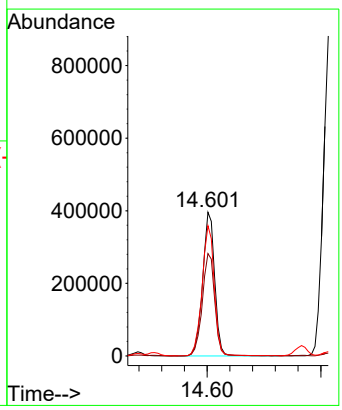


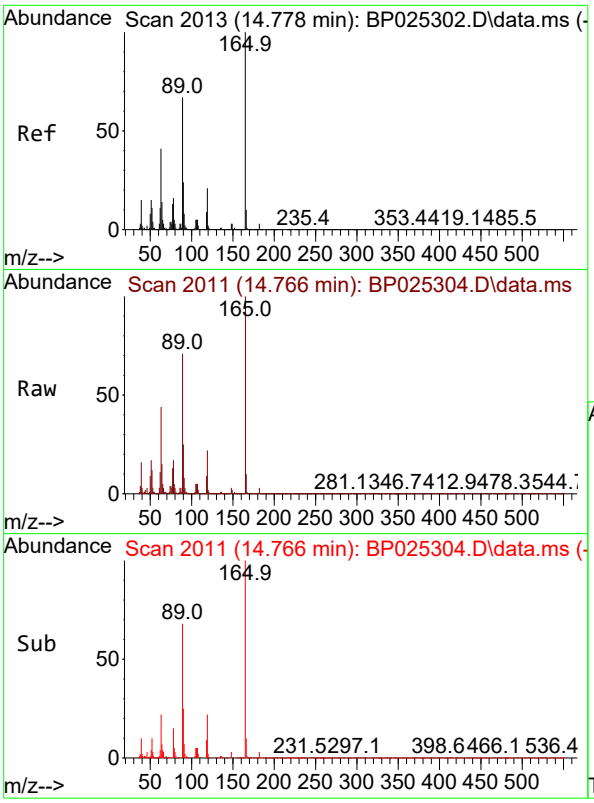


#56
4-Nitrophenol
Concen: 66.536 ng
RT: 14.601 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:139 Resp: 579797

Ion	Ratio	Lower	Upper
139	100		
109	71.3	52.7	92.7
65	90.7	73.4	113.4



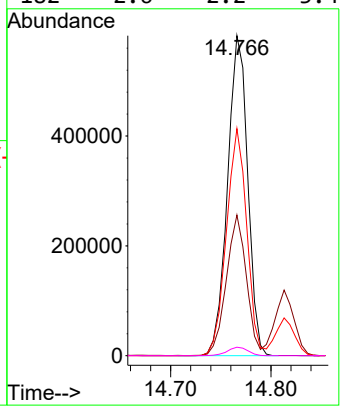


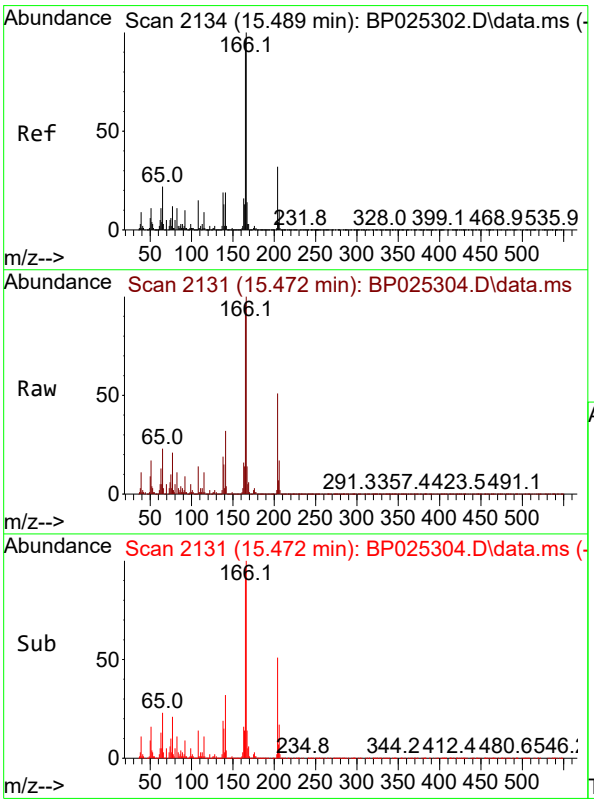
#57
2,4-Dinitrotoluene
Concen: 61.234 ng
RT: 14.766 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 813557

Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.2	49.8
89	71.0	53.5	80.3
182	2.6	2.2	3.4

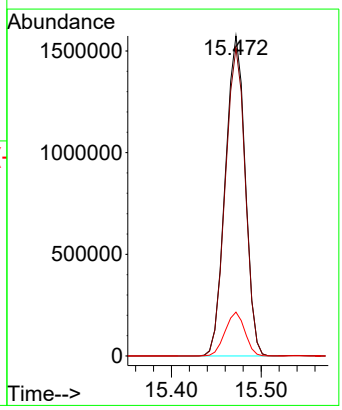


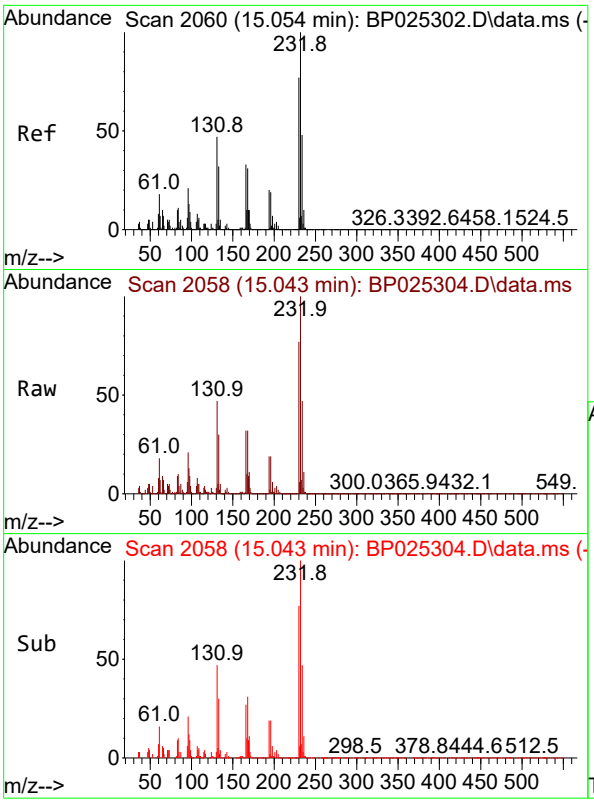


#58
Fluorene
Concen: 57.390 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:166 Resp: 2418012

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.7	115.1
167	13.7	10.9	16.3



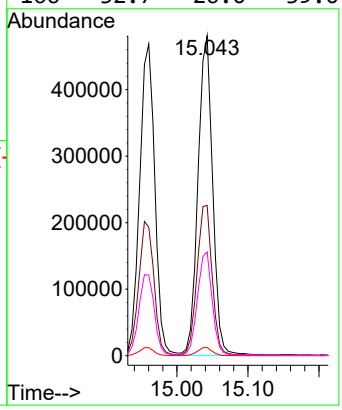


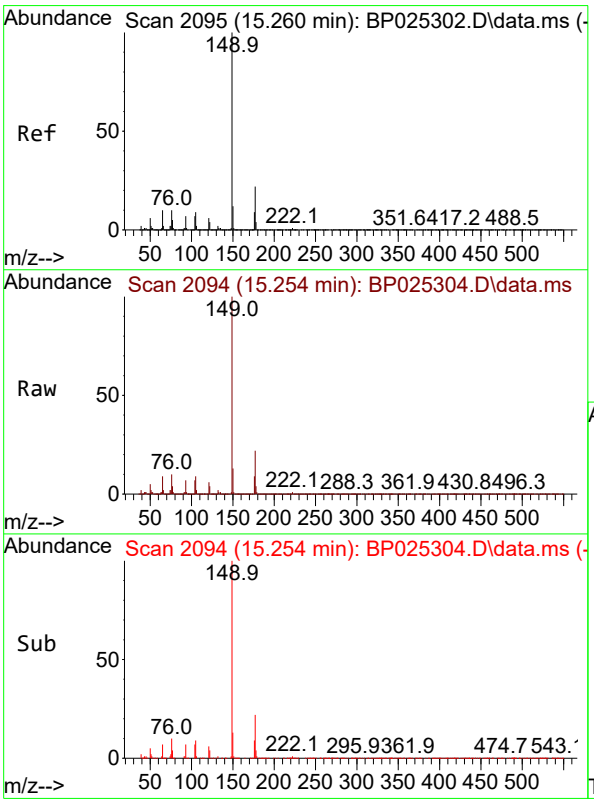
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.118 ng
RT: 15.043 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 689750

Ion	Ratio	Lower	Upper
232	100		
131	48.6	39.3	58.9
130	2.6	2.2	3.2
166	32.7	26.0	39.0

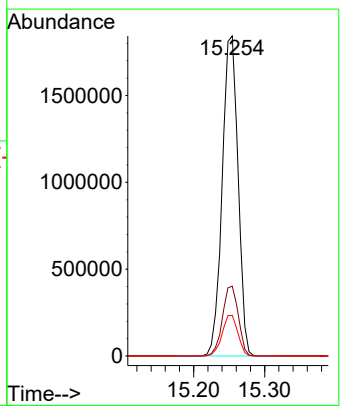


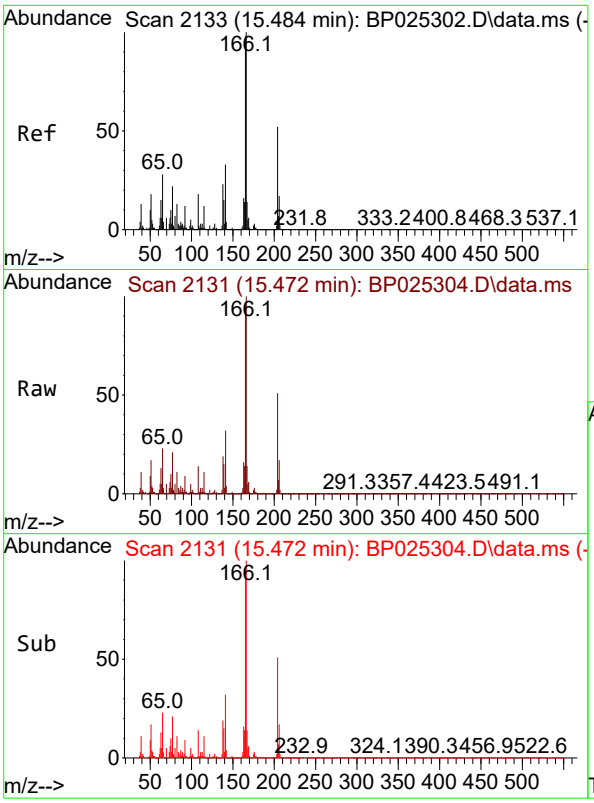


#60
Diethylphthalate
Concen: 61.567 ng
RT: 15.254 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:149 Resp: 2839454

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.7	9.8	14.8



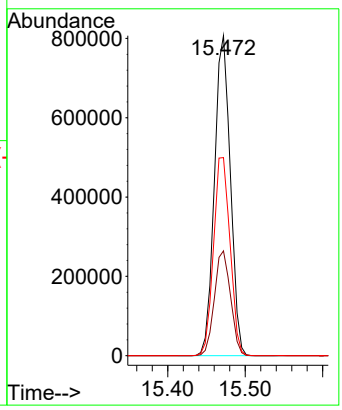


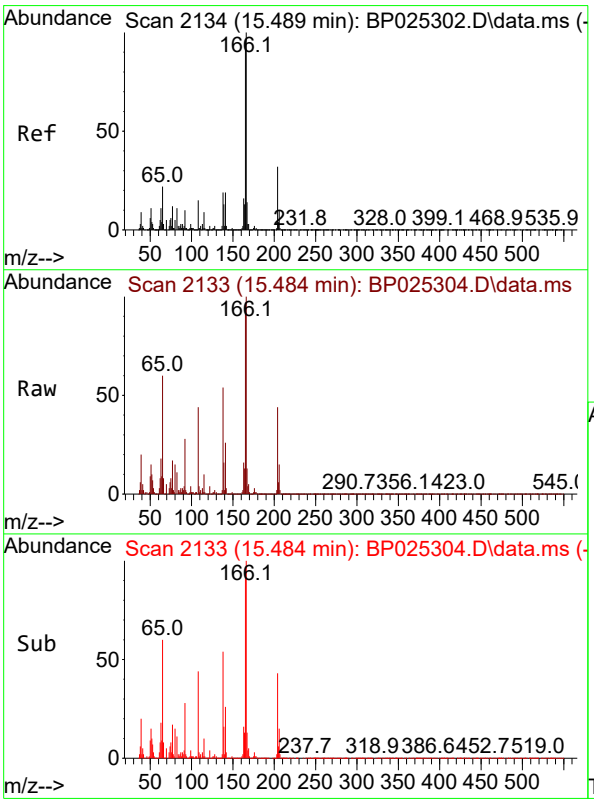
#61
4-Chlorophenyl-phenylether
Concen: 57.895 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1156422

Ion	Ratio	Lower	Upper
204	100		
206	32.8	27.0	40.4
141	61.9	50.3	75.5

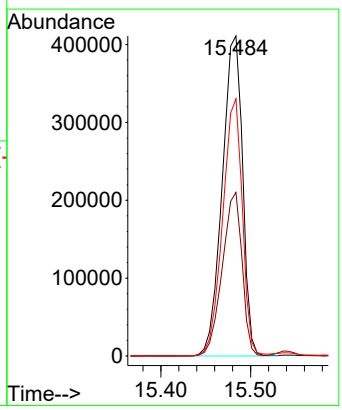


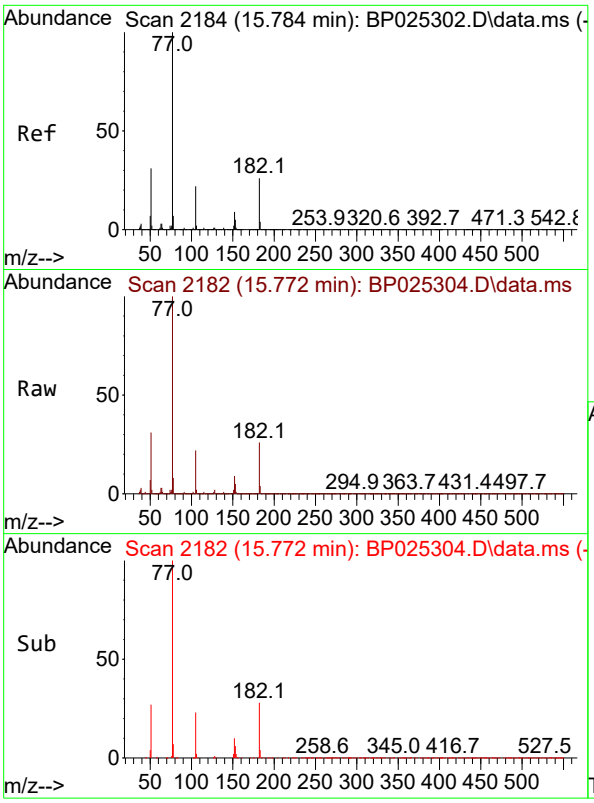


#62
4-Nitroaniline
Concen: 66.228 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:138 Resp: 647932

Ion	Ratio	Lower	Upper
138	100		
92	51.1	29.8	69.8
108	80.3	56.6	96.6



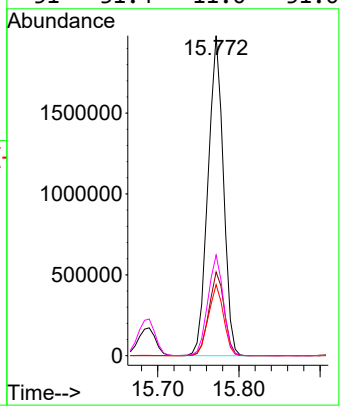


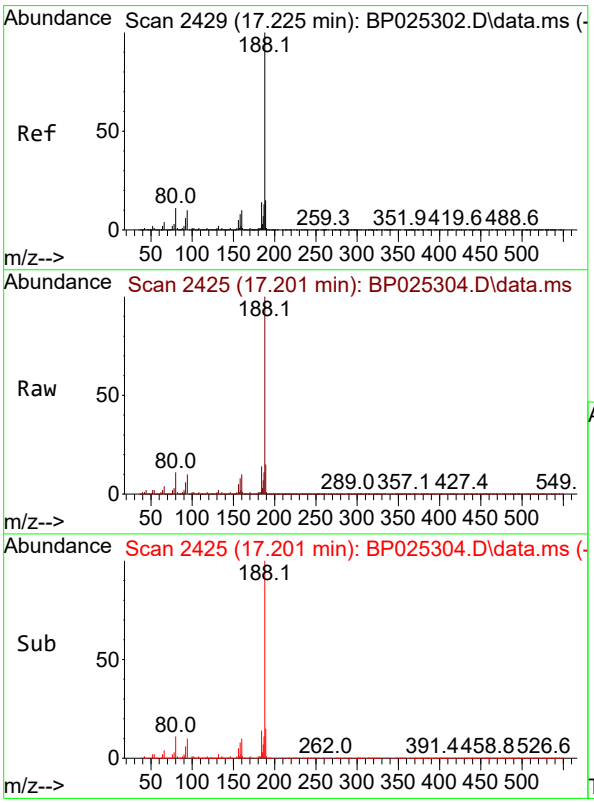
#63
Azobenzene
Concen: 60.449 ng
RT: 15.772 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 2589928

Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.0	46.0
105	22.2	2.1	42.1
51	31.4	11.0	51.0

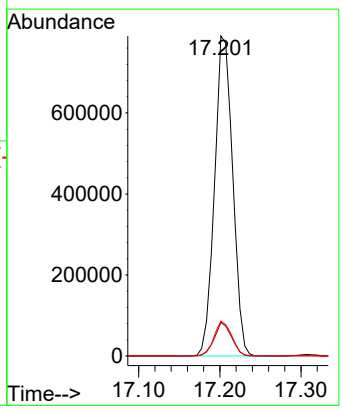


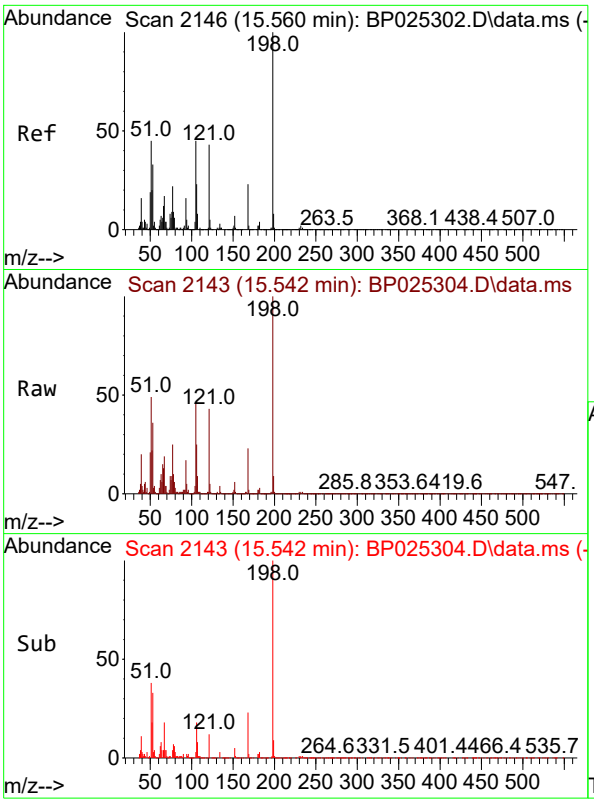


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.024 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:188 Resp: 1230027

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.0	12.0
80	10.9	8.5	12.7



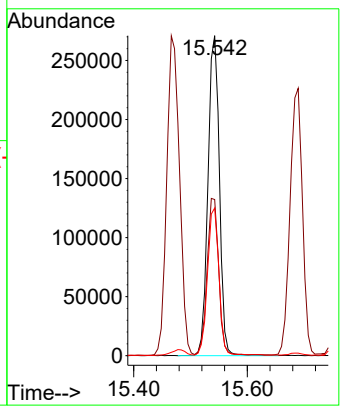


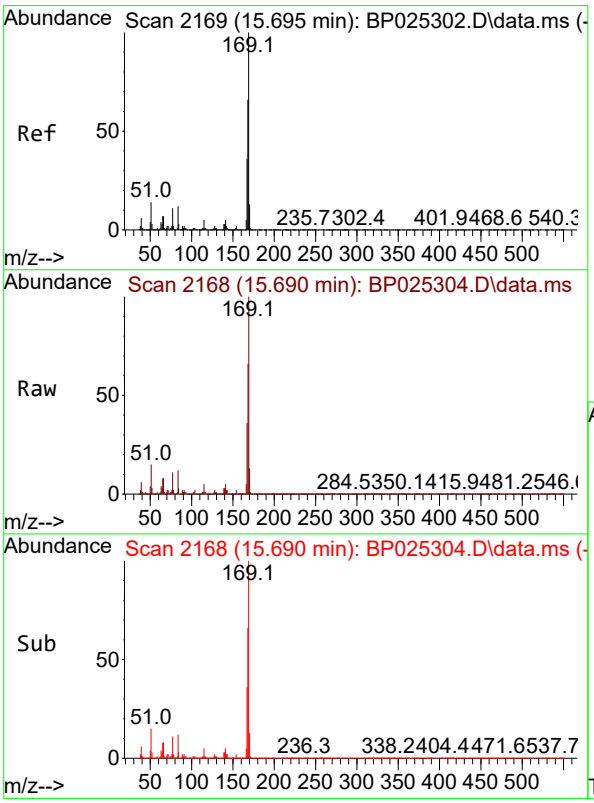
#65
4,6-Dinitro-2-methylphenol
Concen: 62.146 ng
RT: 15.542 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 375536

Ion	Ratio	Lower	Upper
198	100		
51	48.8	26.7	66.7
105	46.2	25.6	65.6

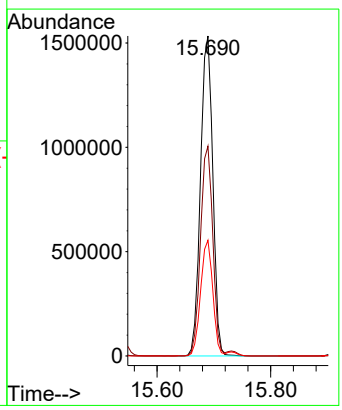


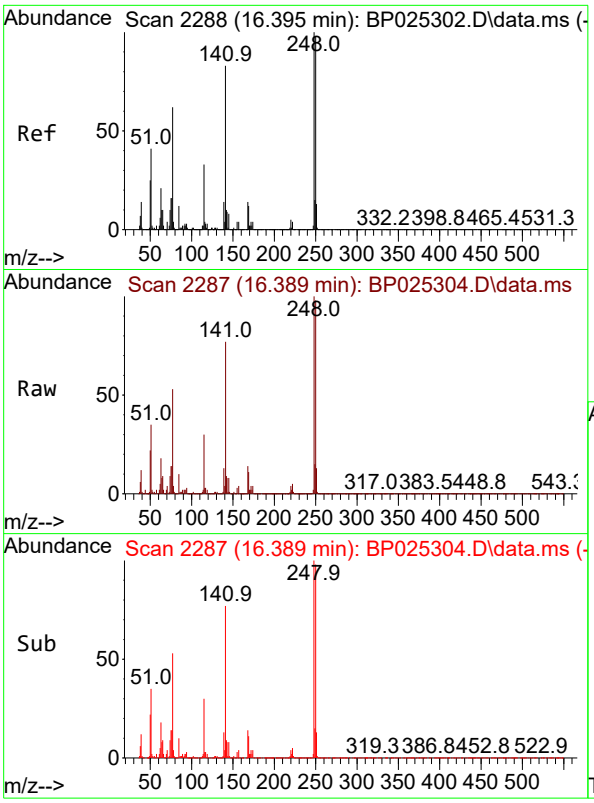


#66
n-Nitrosodiphenylamine
Concen: 61.440 ng
RT: 15.690 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:169 Resp: 2301050

Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.8	79.2
167	36.2	28.5	42.7



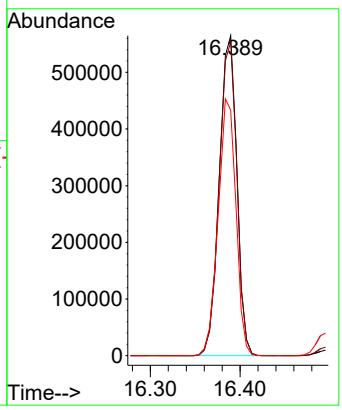


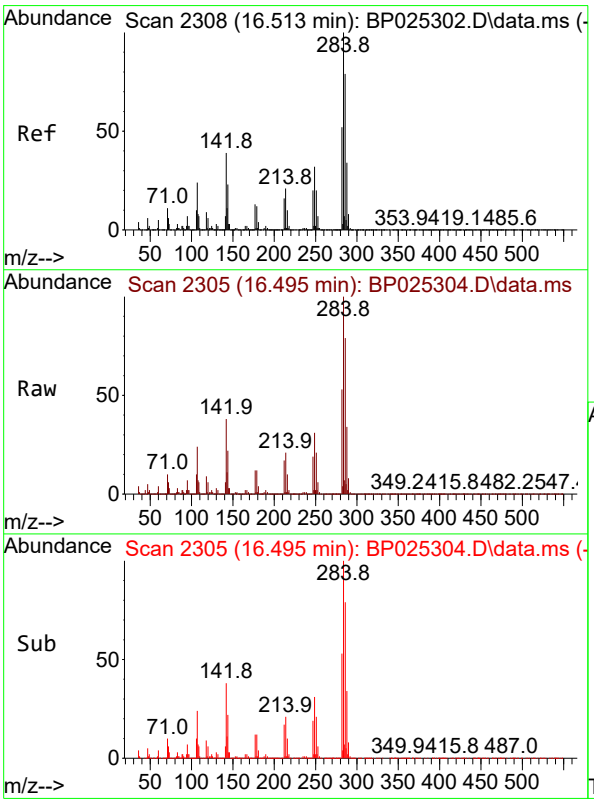
#67
4-Bromophenyl-phenylether
Concen: 62.130 ng
RT: 16.389 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 768935

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.6	117.8
141	76.8	66.6	99.8

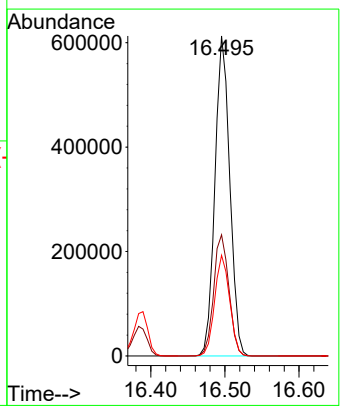


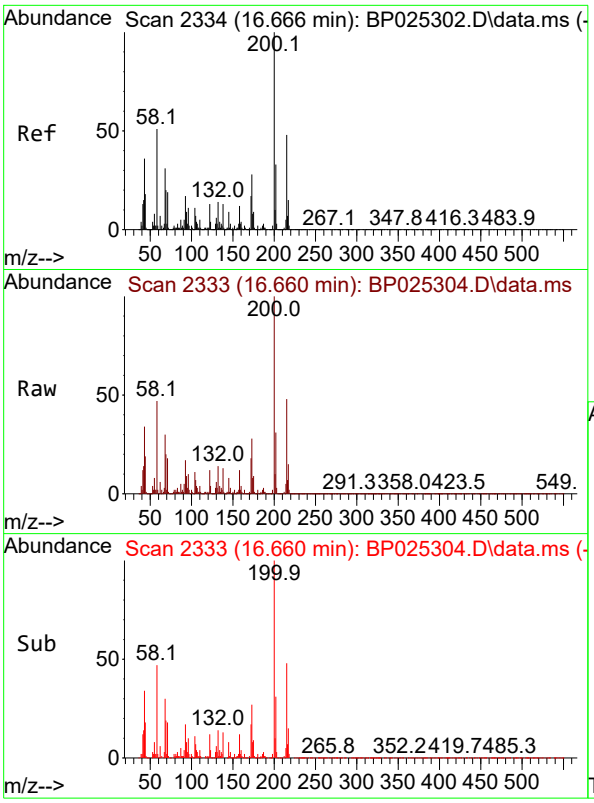


#68
Hexachlorobenzene
Concen: 61.343 ng
RT: 16.495 min Scan# 2305
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:284 Resp: 851862

Ion	Ratio	Lower	Upper
284	100		
142	37.8	30.8	46.2
249	31.4	25.4	38.0



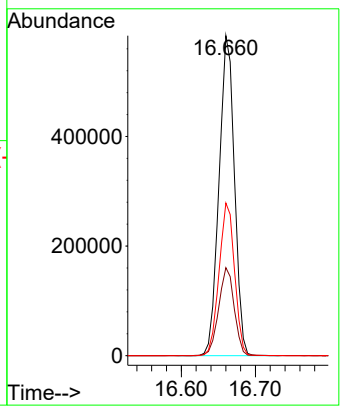


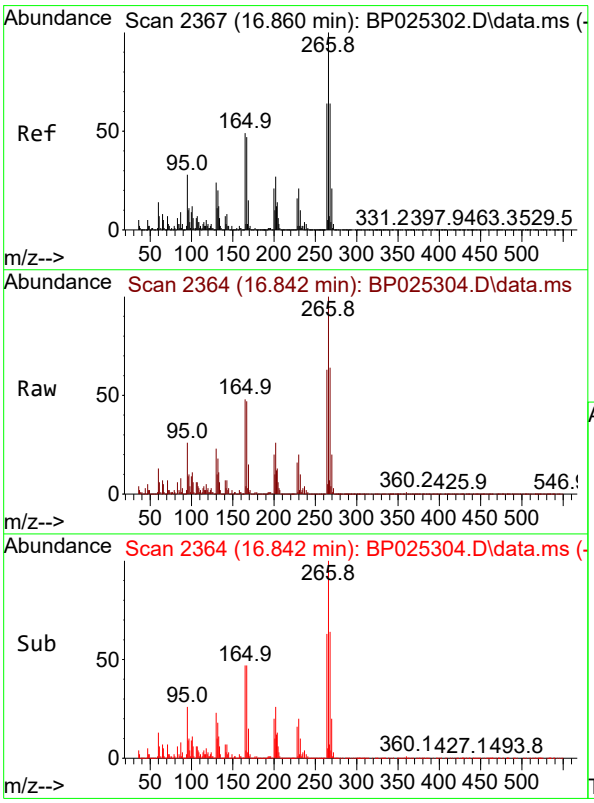
#69
Atrazine
Concen: 64.112 ng
RT: 16.660 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 844409

Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.2	48.2
215	47.7	28.1	68.1

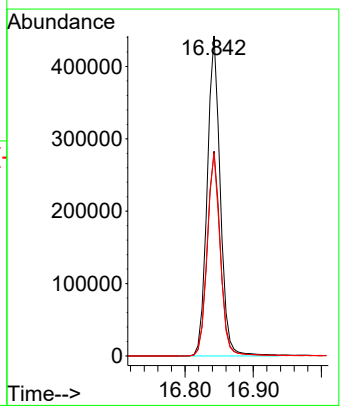


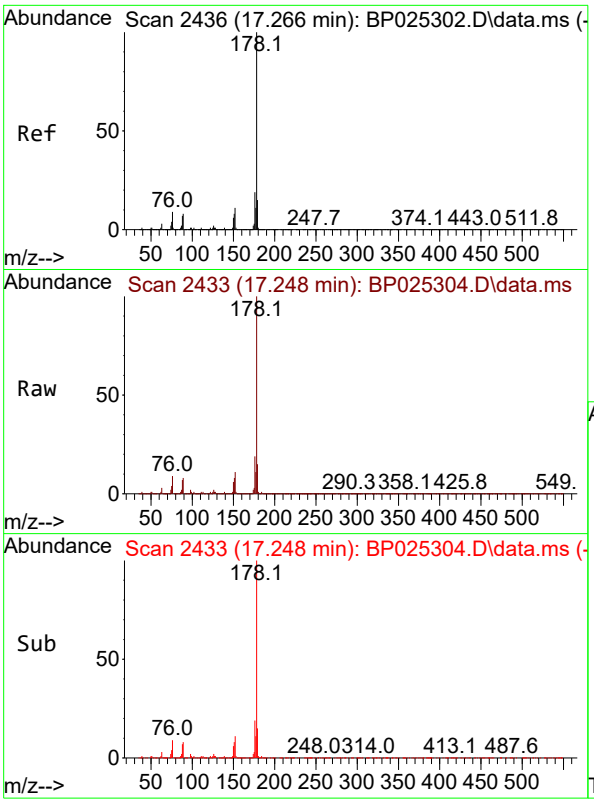


#70
Pentachlorophenol
Concen: 66.613 ng
RT: 16.842 min Scan# 2364
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:266 Resp: 589352

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.4	77.0
264	63.3	51.1	76.7



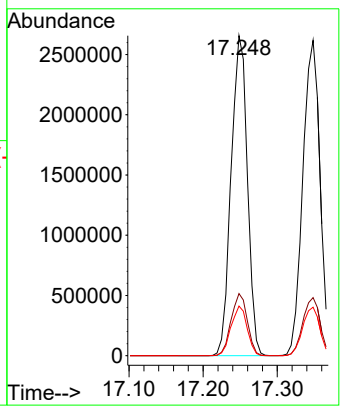


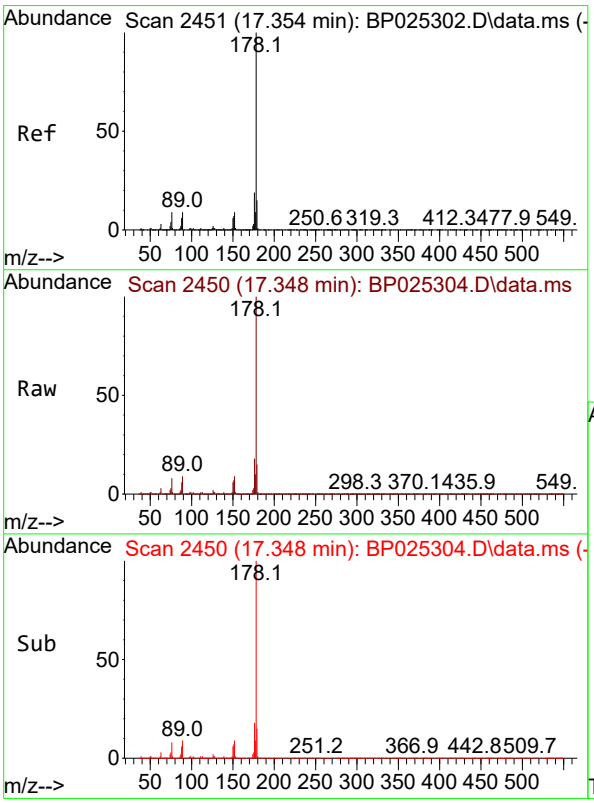
#71
Phenanthrene
Concen: 60.079 ng
RT: 17.248 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 4047515

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.1	18.1

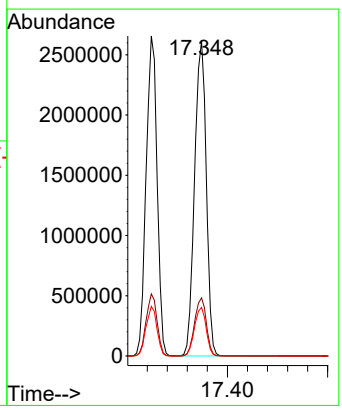


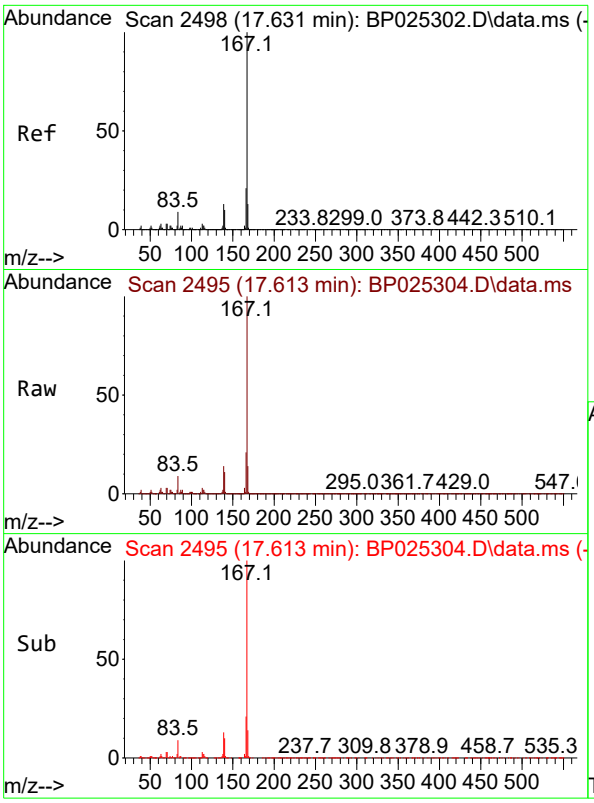


#72
Anthracene
Concen: 62.075 ng
RT: 17.348 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:178 Resp: 4216676

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.4	12.3	18.5



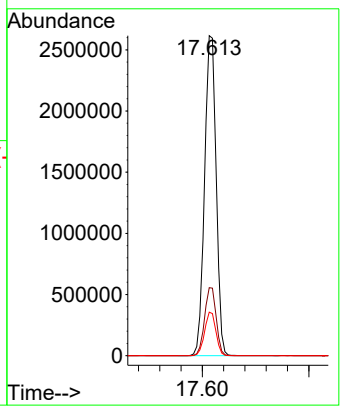


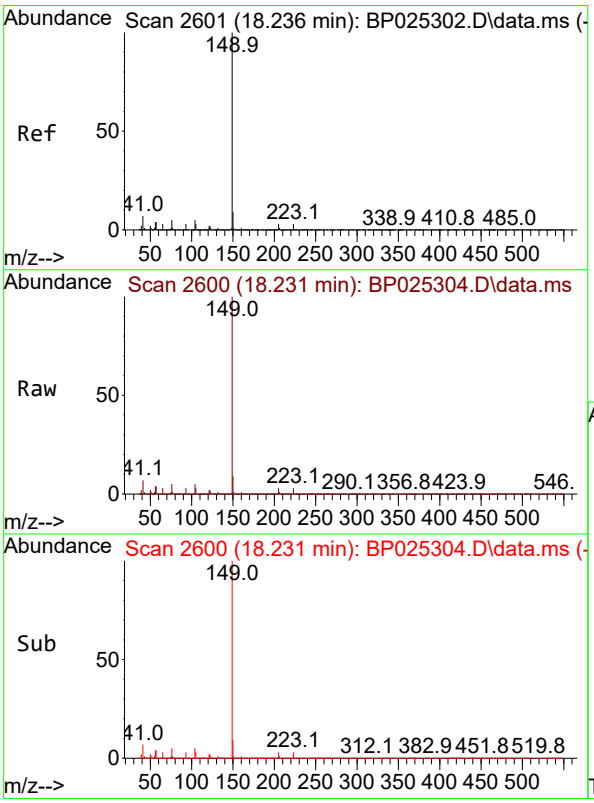
#73
Carbazole
Concen: 60.358 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 3935735

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.6	10.6	16.0

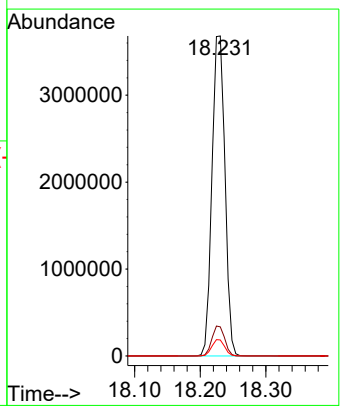


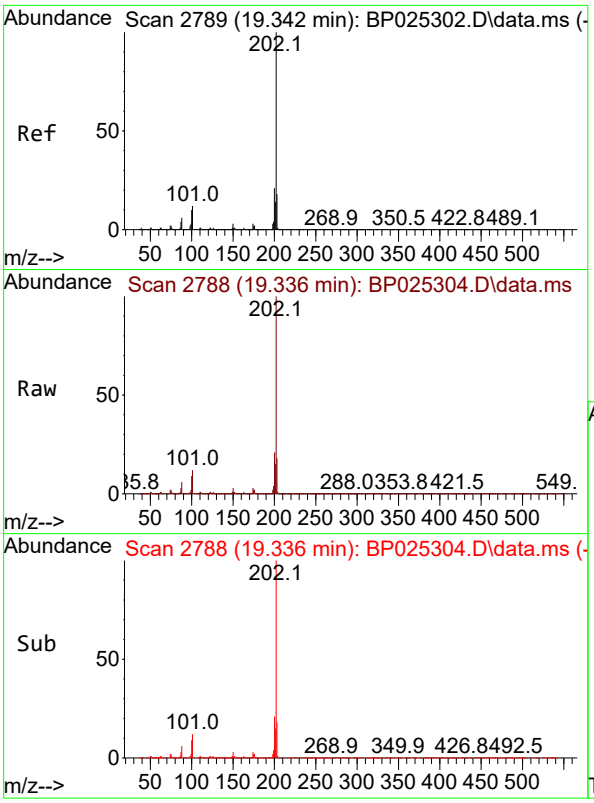


#74
Di-n-butylphthalate
Concen: 64.043 ng
RT: 18.231 min Scan# 2600
Delta R.T. -0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:149 Resp: 5052062

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.0	4.1	6.1



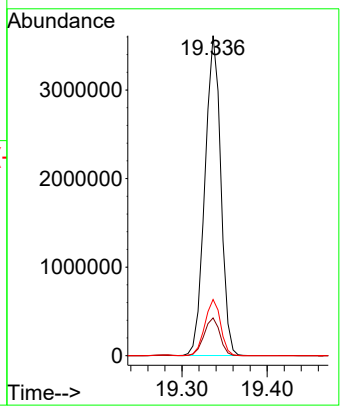


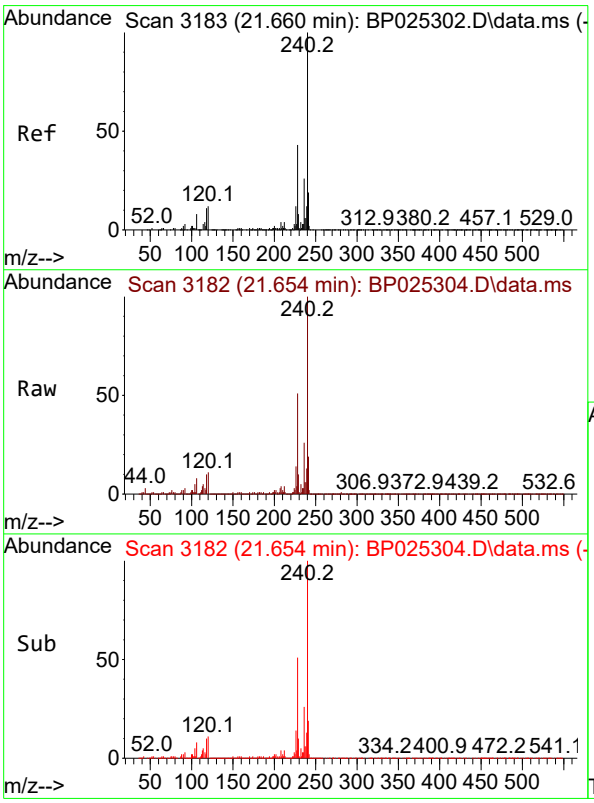
#75
Fluoranthene
Concen: 59.989 ng
RT: 19.336 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 4678502

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.5
203	17.6	0.0	37.6

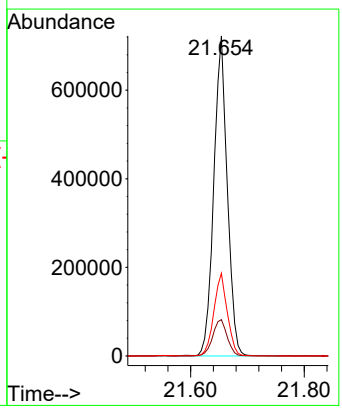


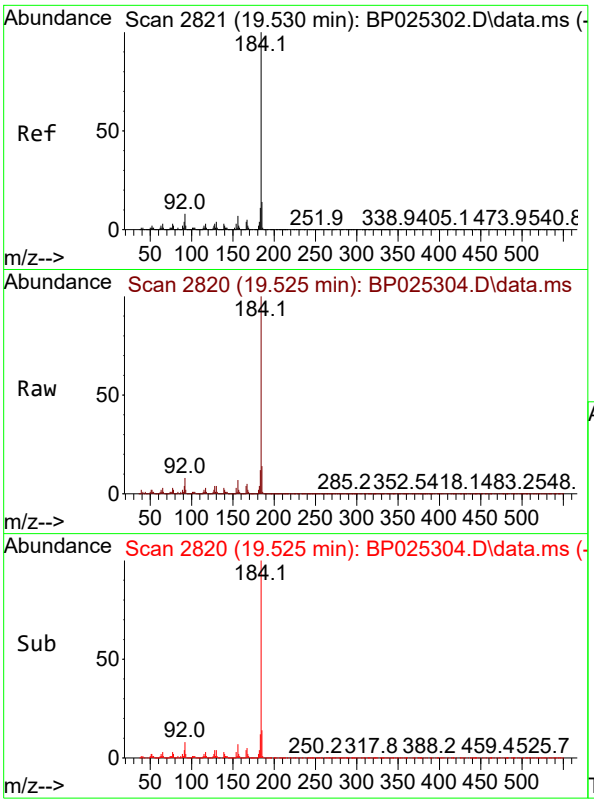


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:240 Resp: 1185485

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	25.9	20.4	30.6



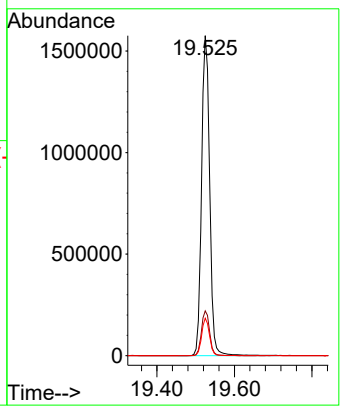


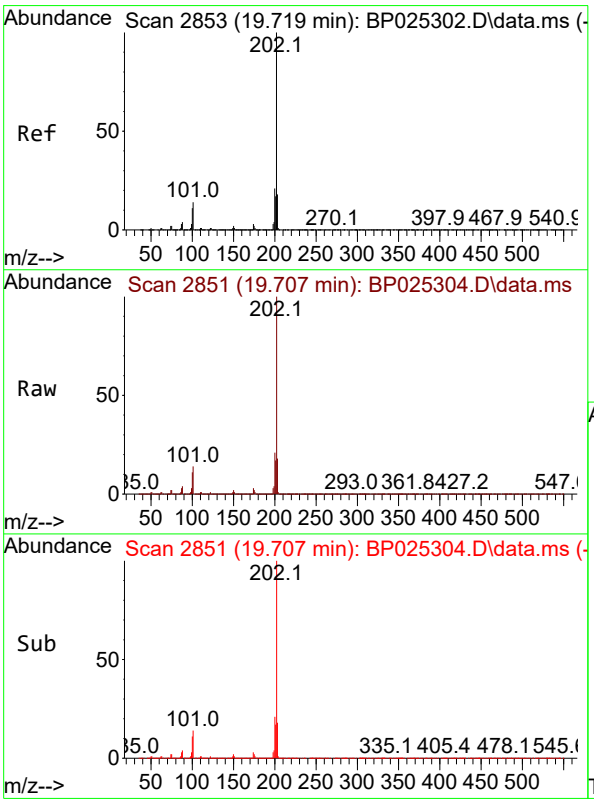
#77
Benzidine
Concen: 53.219 ng
RT: 19.525 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 2283507

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.0	16.6
183	11.7	9.2	13.8

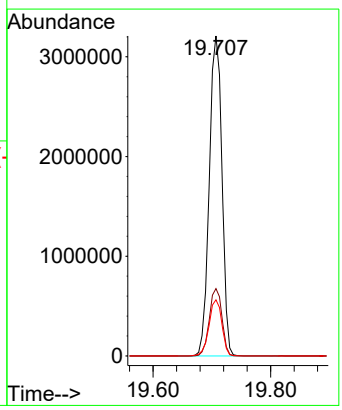


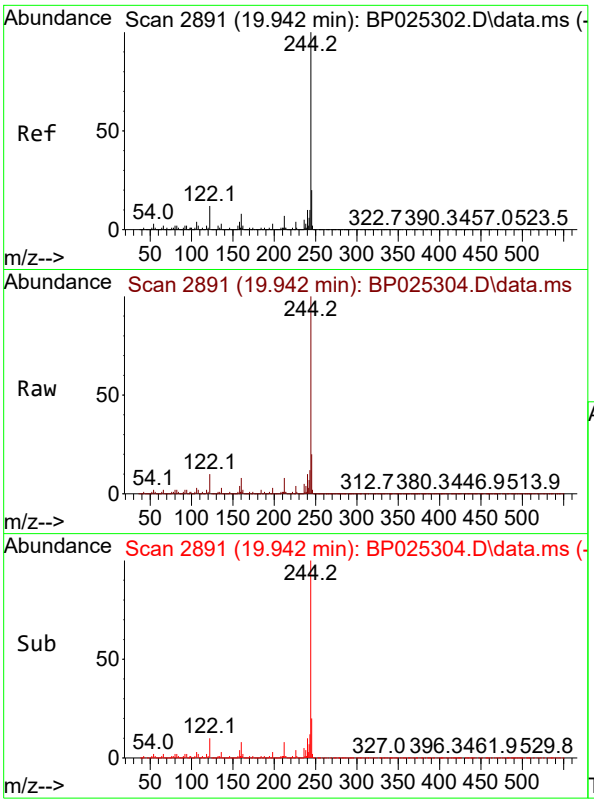


#78
Pyrene
Concen: 60.822 ng
RT: 19.707 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:202 Resp: 4794722

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.6	14.1	21.1



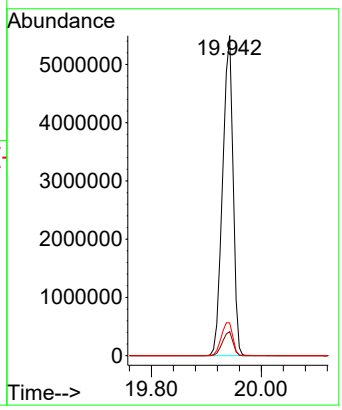


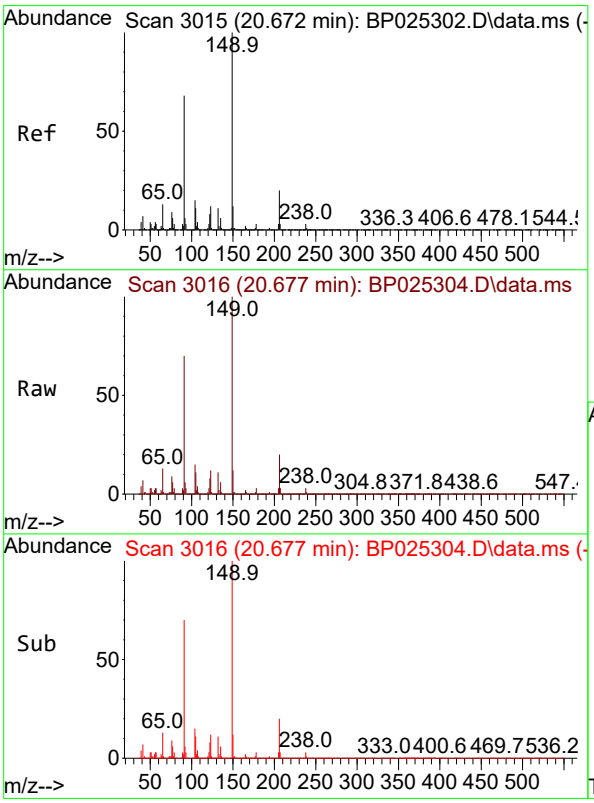
#79
Terphenyl-d14
Concen: 115.259 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 7232677

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.3	9.5	14.3

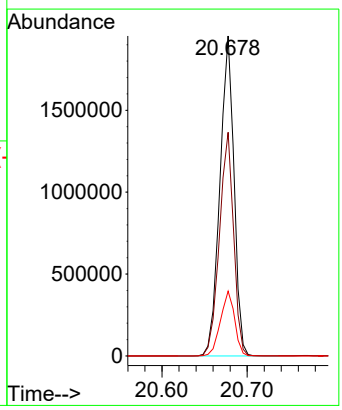


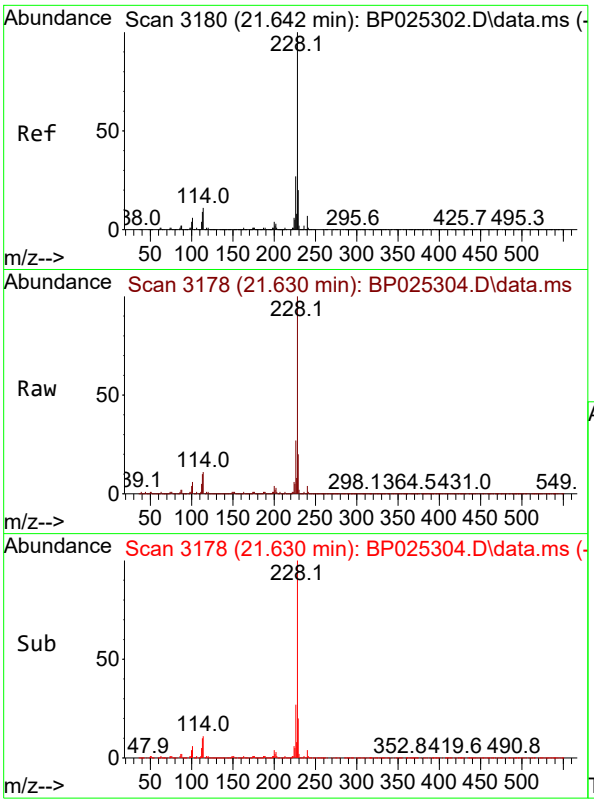


#80
Butylbenzylphthalate
Concen: 70.246 ng
RT: 20.677 min Scan# 3016
Delta R.T. 0.005 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:149 Resp: 2245879

Ion	Ratio	Lower	Upper
149	100		
91	69.9	54.7	82.1
206	20.3	16.4	24.6



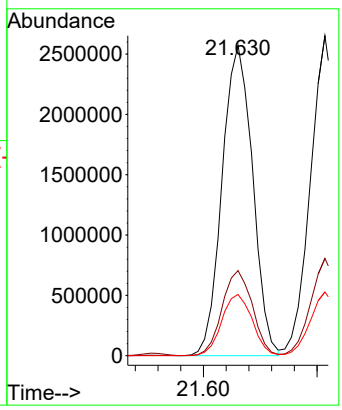


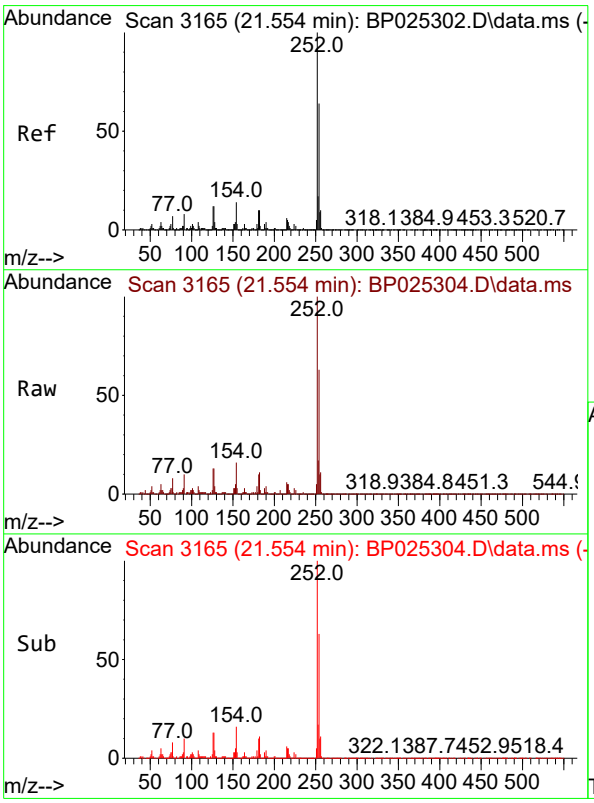
#81
Benzo(a)anthracene
Concen: 60.895 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4797252

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.7	16.0	24.0

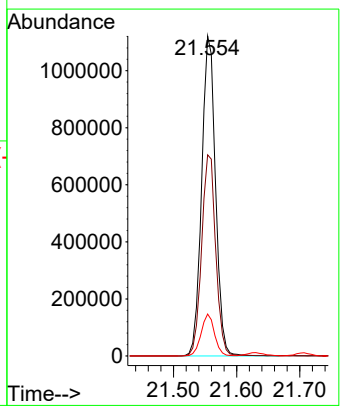


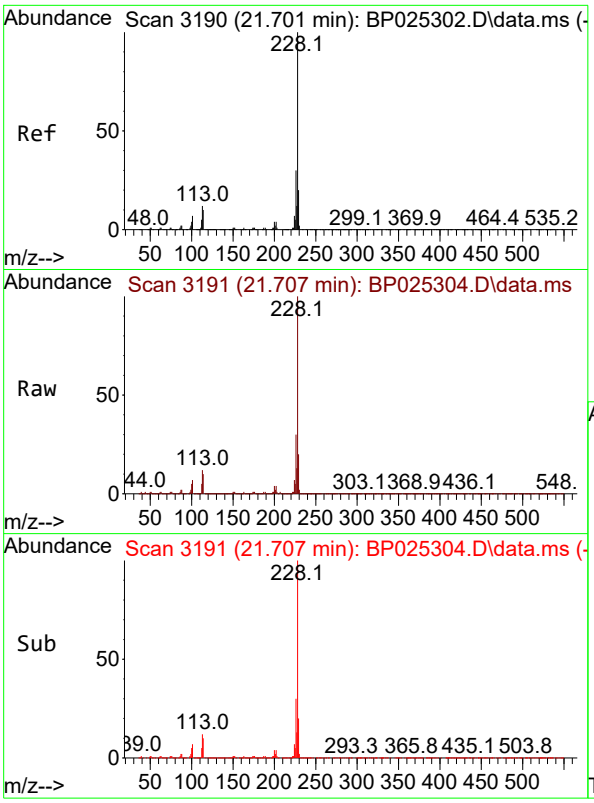


#82
3,3'-Dichlorobenzidine
Concen: 61.593 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:252 Resp: 1711974

Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.0	76.6
126	13.1	9.4	14.2



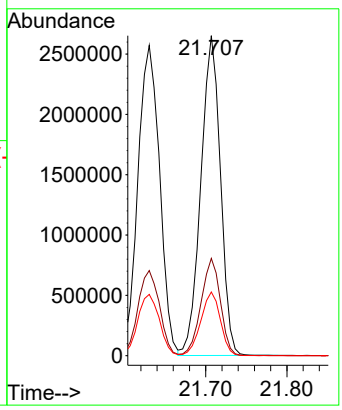


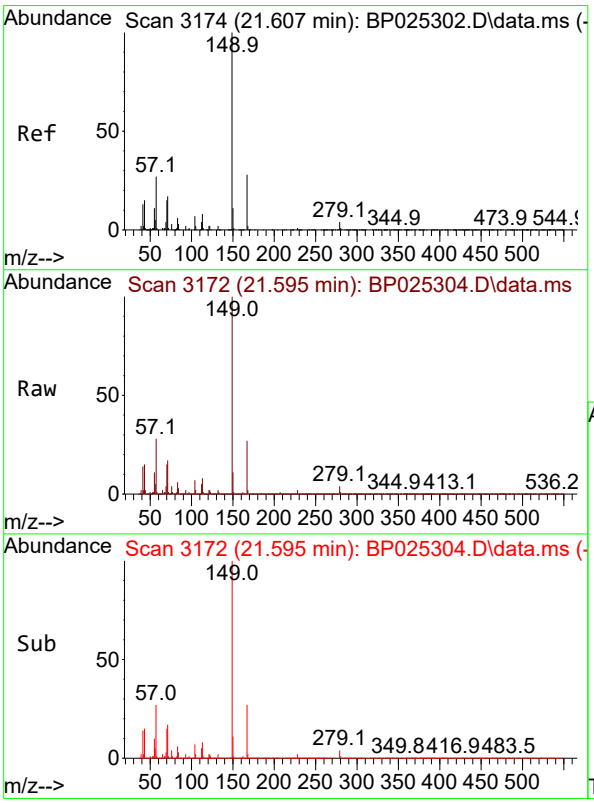
#83
Chrysene
Concen: 60.859 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4446807

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.9	15.9	23.9

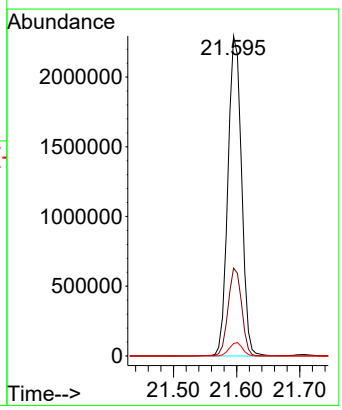


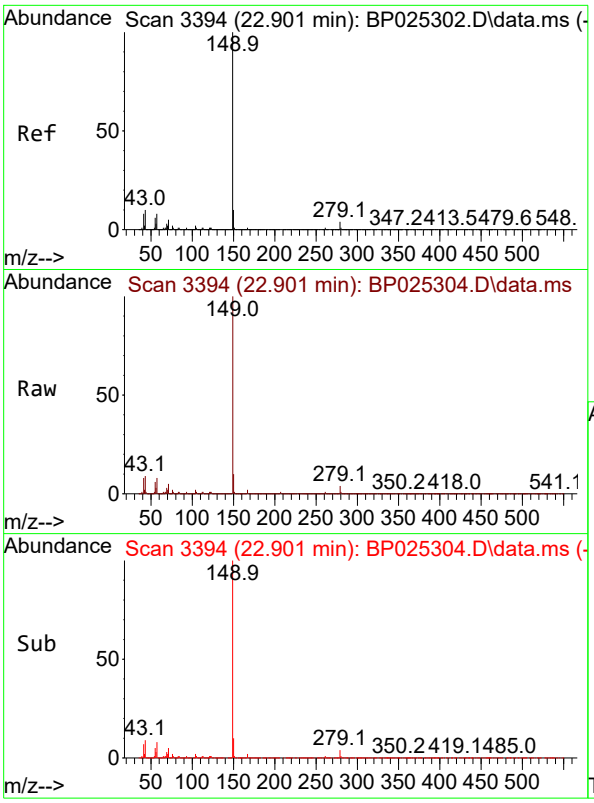


#84
Bis(2-ethylhexyl)phthalate
Concen: 67.236 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:149 Resp: 3432511

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	3.9	3.4	5.2



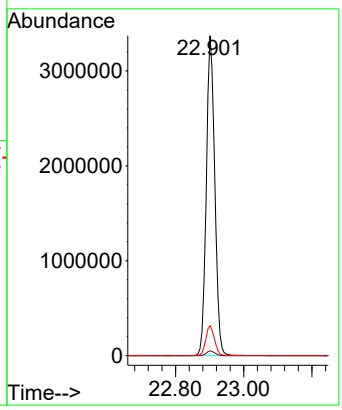


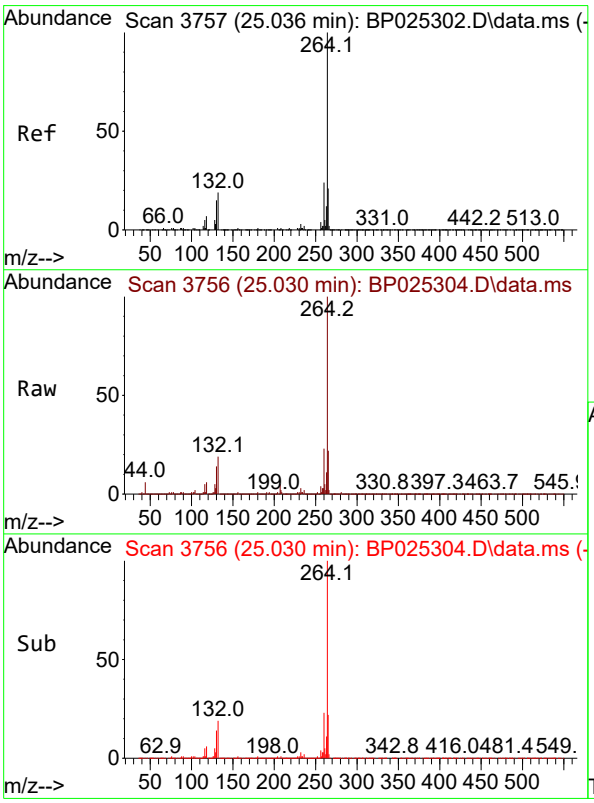
#85
Di-n-octyl phthalate
Concen: 67.988 ng
RT: 22.901 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 5809639

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.6	7.9	11.9

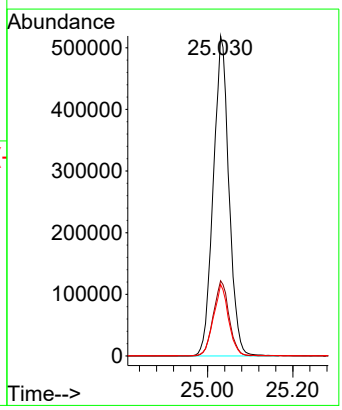


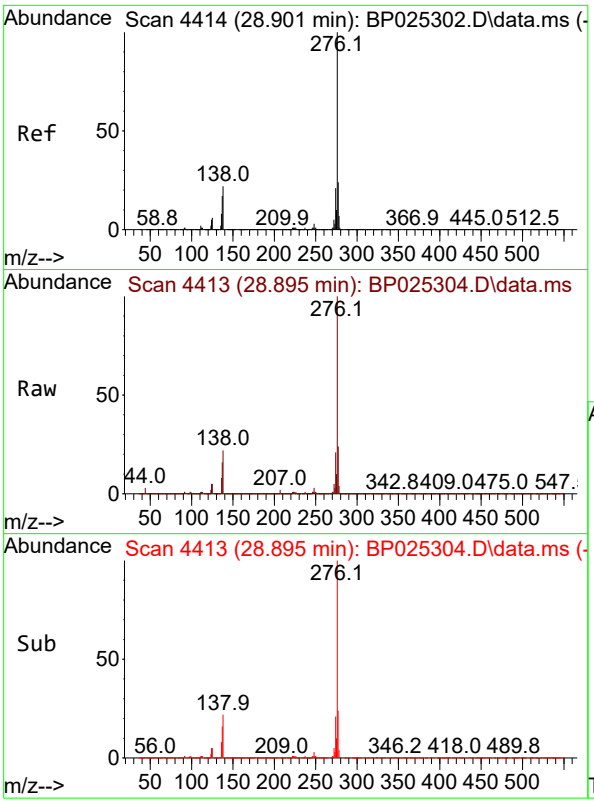


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:264 Resp: 1319773

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.3	17.1	25.7



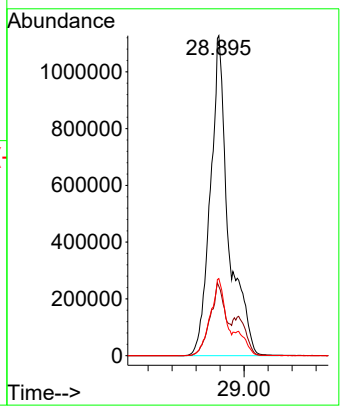


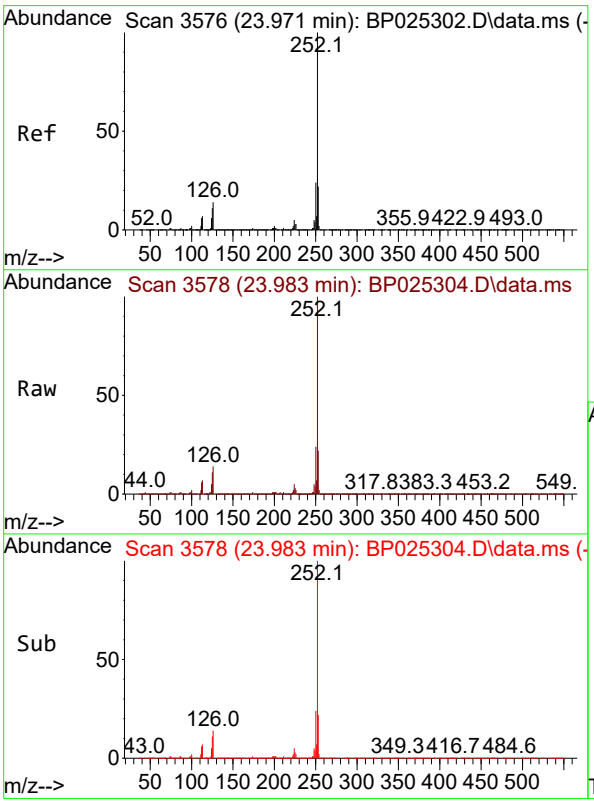
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.446 ng
RT: 28.895 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 5916006

Ion	Ratio	Lower	Upper
276	100		
138	19.7	14.6	22.0
277	20.0	16.8	25.2

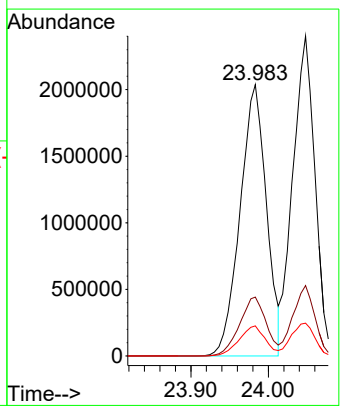


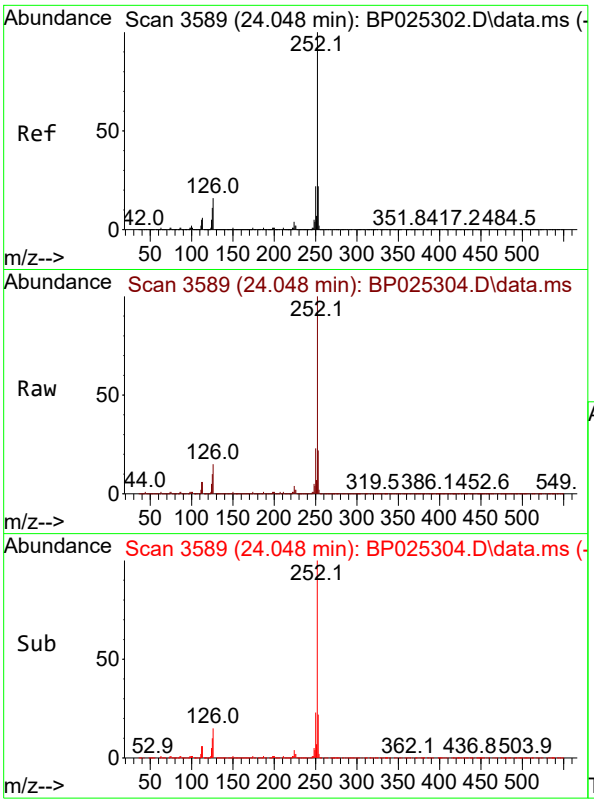


#88
Benzo(b)fluoranthene
Concen: 61.005 ng
RT: 23.983 min Scan# 3578
Delta R.T. 0.012 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:252 Resp: 4819606

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.1	8.5	12.7



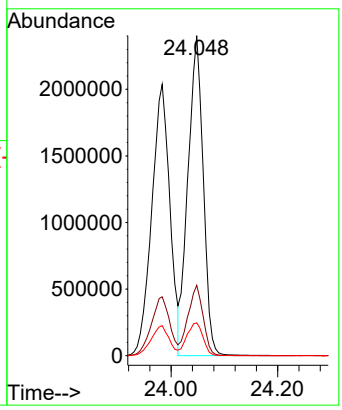


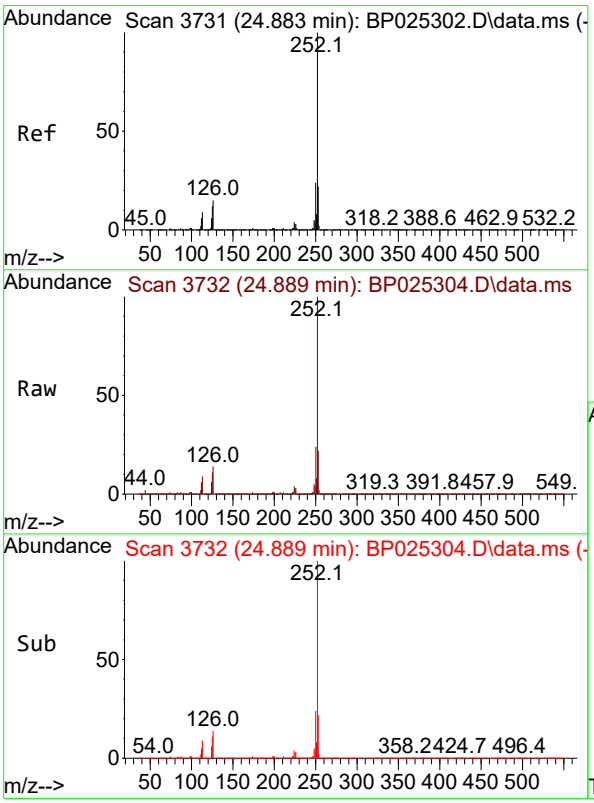
#89
Benzo(k)fluoranthene
Concen: 61.158 ng
RT: 24.048 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 4789778

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.2	8.5	12.7

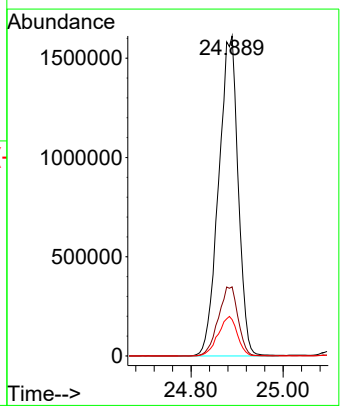


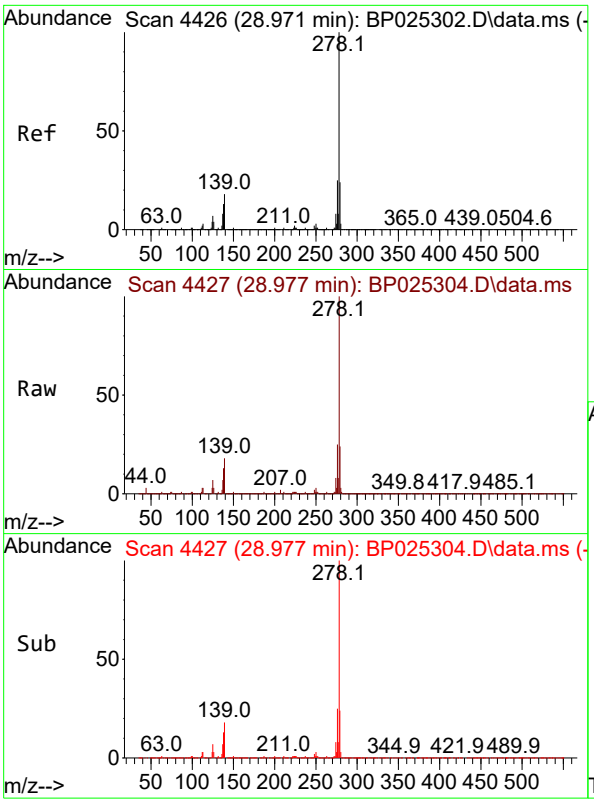


#90
Benzo(a)pyrene
Concen: 61.936 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:252 Resp: 4712258

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.4	9.4	14.0



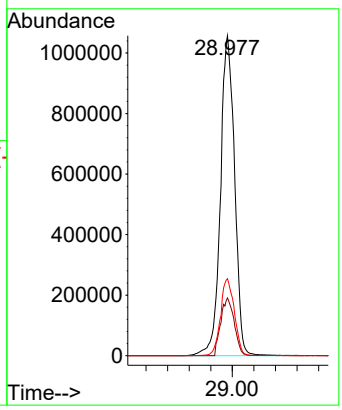


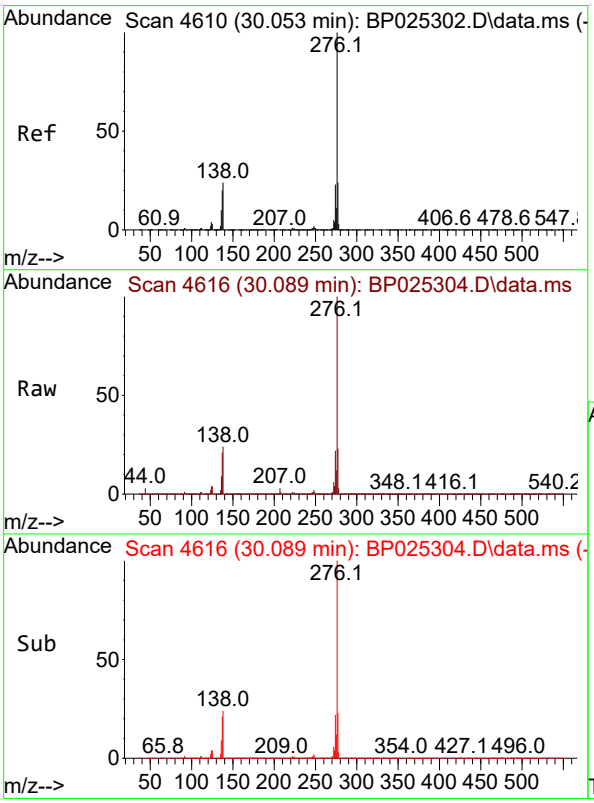
#91
Dibenzo(a,h)anthracene
Concen: 62.298 ng
RT: 28.977 min Scan# 44
Delta R.T. 0.006 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 4826446

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.6	22.0
279	24.0	19.0	28.4

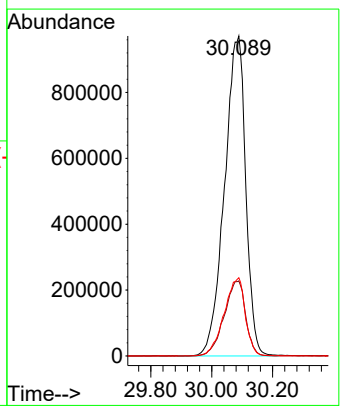




#92
Benzo(g,h,i)perylene
Concen: 61.731 ng
RT: 30.089 min Scan# 4616
Delta R.T. 0.036 min
Lab File: BP025304.D
Acq: 05 Aug 2025 16:10

Tgt Ion:276 Resp: 4694995

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	24.4	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025305.D
Acq On : 05 Aug 2025 16:51
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	285381	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1243913	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	769412	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1520824	20.000	ng		0.00
76) Chrysene-d12	21.666	240	1412527	20.000	ng		0.00
86) Perylene-d12	25.048	264	1639865	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	2797073	156.621	ng		0.00
7) Phenol-d6	6.972	99	3719514	157.885	ng		0.00
23) Nitrobenzene-d5	8.949	82	3774237	164.165	ng		0.00
42) 2,4,6-Tribromophenol	15.937	330	1324517	166.729	ng		0.01
45) 2-Fluorobiphenyl	13.037	172	8021955	144.776	ng		0.00
79) Terphenyl-d14	19.942	244	10705690	143.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	525165	75.001	ng		99
3) Pyridine	3.726	79	1537458	79.031	ng		99
4) n-Nitrosodimethylamine	3.637	42	725458	80.324	ng	#	98
6) Aniline	7.137	93	2546940	79.451	ng		99
8) 2-Chlorophenol	7.372	128	1591247	81.930	ng		99
9) Benzaldehyde	6.949	77	972607m	58.640	ng		
10) Phenol	7.002	94	1969060	78.808	ng		99
11) bis(2-Chloroethyl)ether	7.231	93	1515396	77.407	ng		99
12) 1,3-Dichlorobenzene	7.696	146	1676489	76.821	ng		99
13) 1,4-Dichlorobenzene	7.837	146	1694172	76.733	ng		99
14) 1,2-Dichlorobenzene	8.149	146	1649525	77.123	ng		99
15) Benzyl Alcohol	8.037	79	1447720	79.979	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.331	45	2321074	75.053	ng		100
17) 2-Methylphenol	8.231	107	1340886	80.204	ng		98
18) Hexachloroethane	8.878	117	627491	79.471	ng		98
19) n-Nitroso-di-n-propyla...	8.614	70	1169323	76.214	ng		99
20) 3+4-Methylphenols	8.561	107	1841296	79.981	ng		99
22) Acetophenone	8.614	105	2348273	75.200	ng	#	99
24) Nitrobenzene	8.990	77	1719289	80.892	ng		99
25) Isophorone	9.513	82	3440086	76.970	ng		100
26) 2-Nitrophenol	9.690	139	813124	84.806	ng		97
27) 2,4-Dimethylphenol	9.749	122	1547266	75.090	ng		96
28) bis(2-Chloroethoxy)met...	9.990	93	2054235	75.555	ng		100
29) 2,4-Dichlorophenol	10.219	162	1494161	82.826	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	1535792	77.166	ng		99
31) Naphthalene	10.625	128	4861744	75.289	ng		100
32) Benzoic acid	9.931	122	1160103	79.253	ng		99
33) 4-Chloroaniline	10.719	127	2255163	78.523	ng		100
34) Hexachlorobutadiene	10.919	225	895811	78.411	ng		98
35) Caprolactam	11.519	113	561767m	80.094	ng		
36) 4-Chloro-3-methylphenol	11.837	107	1681089	80.535	ng		100
37) 2-Methylnaphthalene	12.231	142	3204508	76.670	ng		100
38) 1-Methylnaphthalene	12.443	142	3235826	74.197	ng		99
40) 1,2,4,5-Tetrachloroben...	12.602	216	1636320	77.897	ng		100
41) Hexachlorocyclopentadiene	12.590	237	1117188	86.171	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	1177739	86.791	ng		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025305.D
Acq On : 05 Aug 2025 16:51
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	1300802	85.453	ng		99
46) 1,1'-Biphenyl	13.243	154	4292450	75.702	ng		100
47) 2-Chloronaphthalene	13.284	162	3350157	77.444	ng		99
48) 2-Nitroaniline	13.478	65	1036853	79.733	ng		97
49) Acenaphthylene	14.143	152	5538691	76.758	ng		99
50) Dimethylphthalate	13.878	163	4226530	75.353	ng		100
51) 2,6-Dinitrotoluene	13.984	165	935818	90.453	ng		94
52) Acenaphthene	14.490	154	3405740	77.379	ng		99
53) 3-Nitroaniline	14.313	138	1104703	91.252	ng		96
54) 2,4-Dinitrophenol	14.519	184	457765	79.662	ng	#	51
55) Dibenzofuran	14.831	168	4843609	73.640	ng		99
56) 4-Nitrophenol	14.619	139	918340	85.952	ng		97
57) 2,4-Dinitrotoluene	14.784	165	1324025	80.213	ng		99
58) Fluorene	15.484	166	3580163	69.303	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.048	232	1079472	84.394	ng		99
60) Diethylphthalate	15.266	149	4248904	75.138	ng		99
61) 4-Chlorophenyl-phenyle...	15.490	204	1716628	70.093	ng		99
62) 4-Nitroaniline	15.507	138	1042796	86.933	ng		97
63) Azobenzene	15.784	77	4018242	76.490	ng		99
65) 4,6-Dinitro-2-methylph...	15.560	198	653490	78.886	ng		95
66) n-Nitrosodiphenylamine	15.695	169	3479218	75.135	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	1177395	76.943	ng		99
68) Hexachlorobenzene	16.519	284	1326894	77.280	ng		98
69) Atrazine	16.678	200	1273257	78.187	ng		99
70) Pentachlorophenol	16.860	266	946571	86.531	ng		99
71) Phenanthrene	17.266	178	6128568	73.575	ng		99
72) Anthracene	17.360	178	6185852	73.651	ng		99
73) Carbazole	17.631	167	5994709	74.355	ng		99
74) Di-n-butylphthalate	18.237	149	7426722	76.144	ng		100
75) Fluoranthene	19.336	202	6952158	72.098	ng		99
77) Benzidine	19.525	184	3244549	63.462	ng		99
78) Pyrene	19.713	202	7242380	77.104	ng		99
80) Butylbenzylphthalate	20.672	149	3308374	86.846	ng		98
81) Benzo(a)anthracene	21.648	228	7117868	75.830	ng		99
82) 3,3'-Dichlorobenzidine	21.560	252	2604409	78.640	ng		99
83) Chrysene	21.713	228	6581498	75.596	ng		100
84) Bis(2-ethylhexyl)phtha...	21.601	149	4983234	81.923	ng		100
85) Di-n-octyl phthalate	22.907	149	8622615	84.688	ng		99
87) Indeno(1,2,3-cd)pyrene	28.912	276	9444318m	80.231	ng		
88) Benzo(b)fluoranthene	23.983	252	7663180	78.064	ng		99
89) Benzo(k)fluoranthene	24.060	252	7472413	76.787	ng		99
90) Benzo(a)pyrene	24.895	252	7402973	78.309	ng		99
91) Dibenzo(a,h)anthracene	29.018	278	7708950	80.082	ng		99
92) Benzo(g,h,i)perylene	30.106	276	7590772m	80.324	ng		

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

ICAL Form

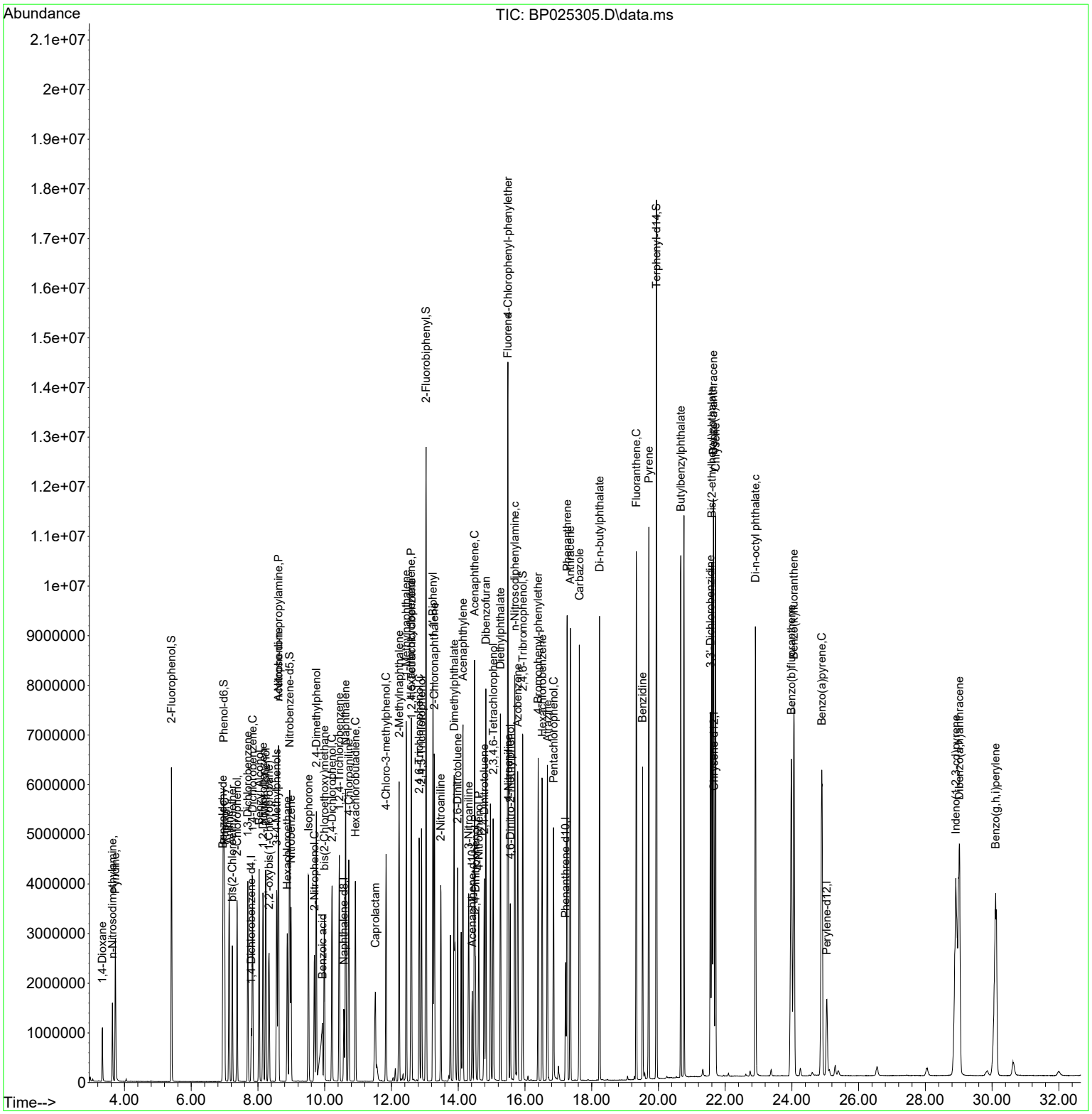
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025305.D
Acq On : 05 Aug 2025 16:51
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

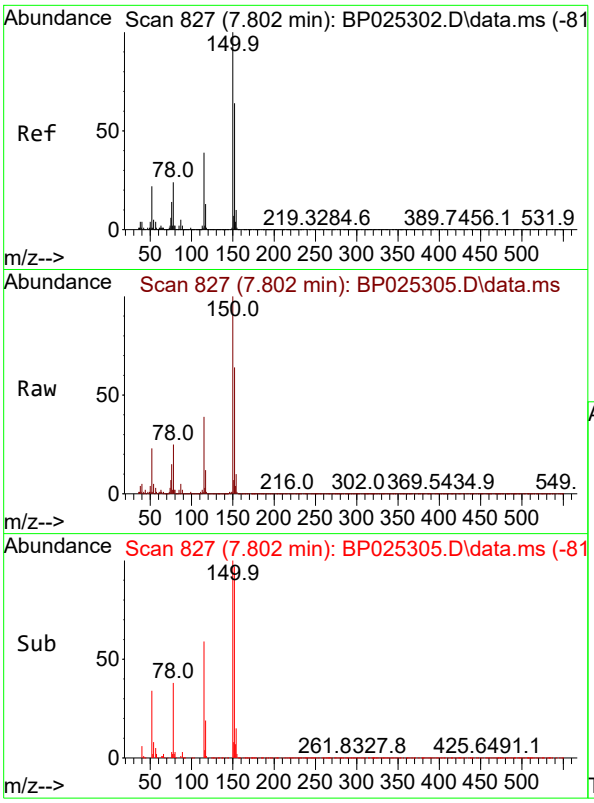
Quant Time: Aug 06 06:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

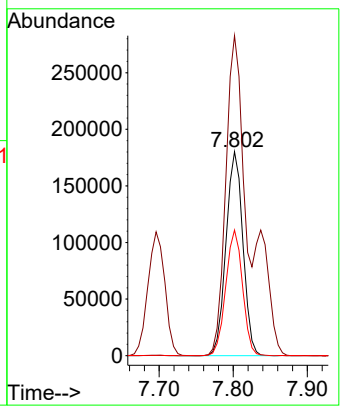




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:152 Resp: 28538

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.1	187.7
115	61.5	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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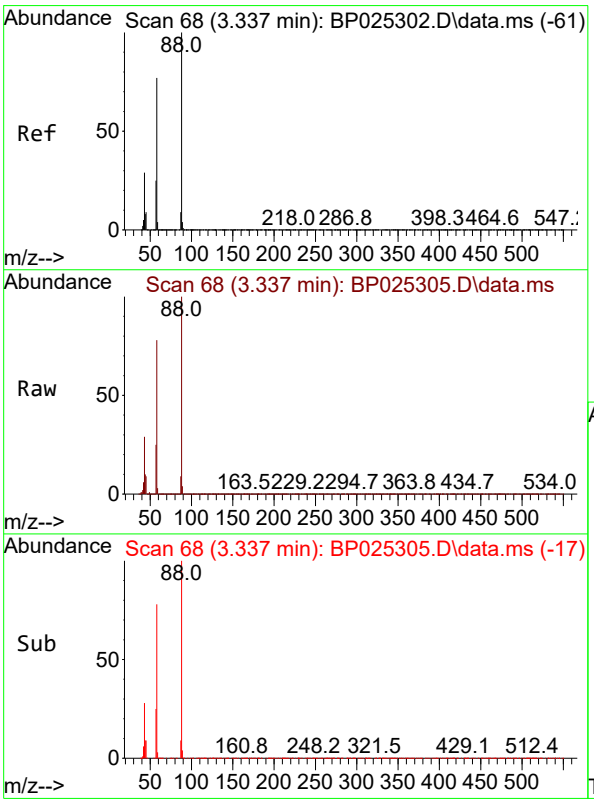
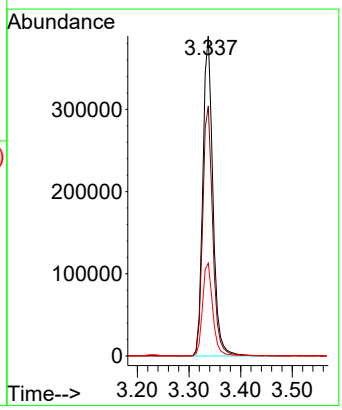
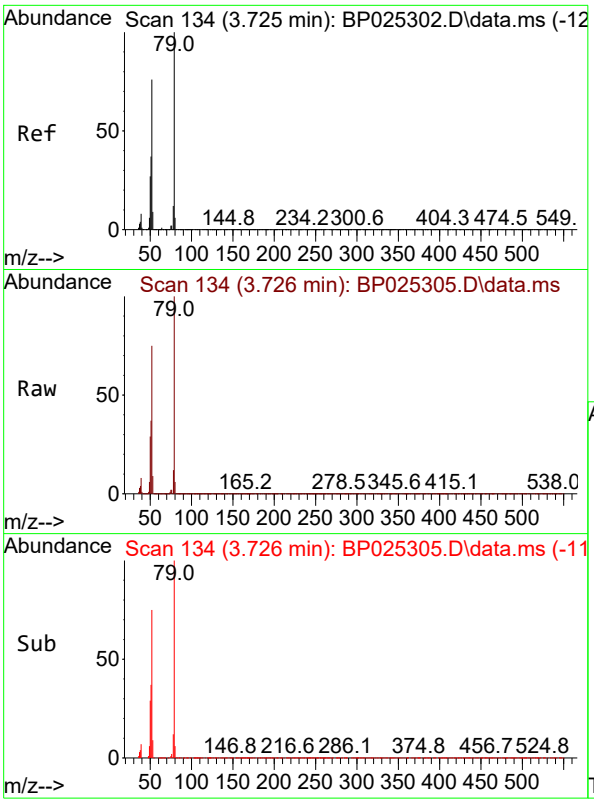


#2
1,4-Dioxane
Concen: 75.001 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 88 Resp: 525165

Ion	Ratio	Lower	Upper
88	100		
58	78.4	61.9	92.9
43	29.2	24.2	36.2

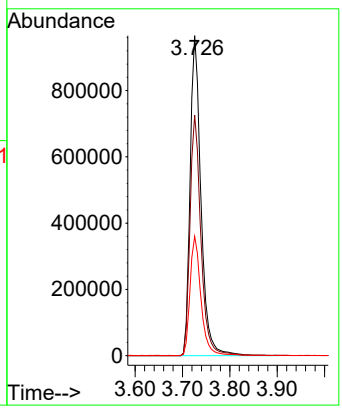




#3
Pyridine
Concen: 79.031 ng
RT: 3.726 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 79 Resp: 153745

Ion	Ratio	Lower	Upper
79	100		
52	75.2	60.5	90.7
51	37.3	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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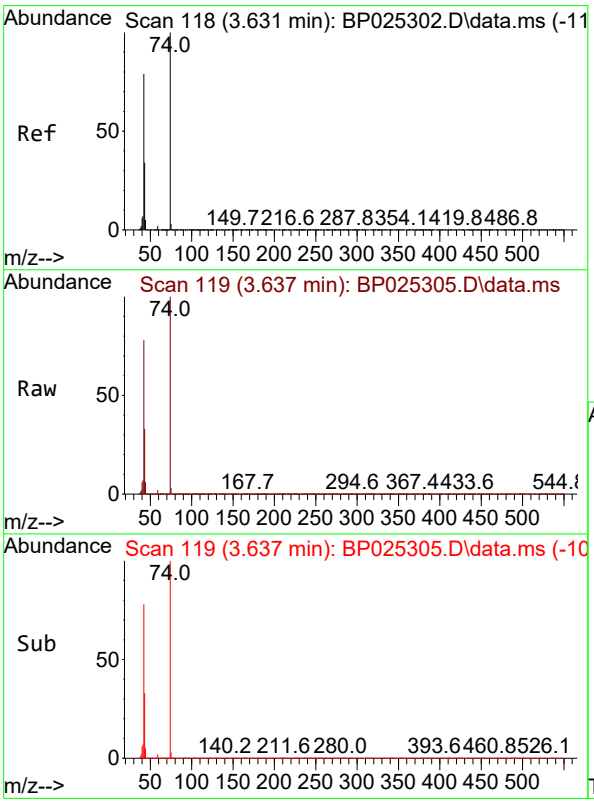
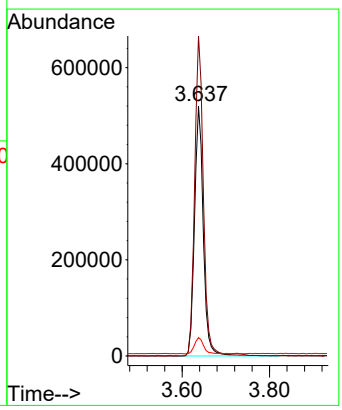
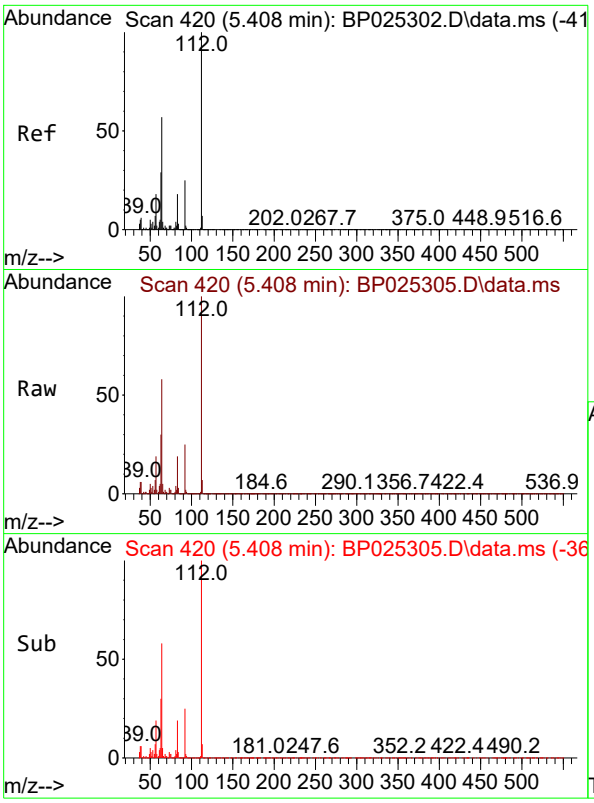


#4
n-Nitrosodimethylamine
Concen: 80.324 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 42 Resp: 725458

Ion	Ratio	Lower	Upper
42	100		
74	128.2	101.4	152.2
44	7.4	7.6	11.4#





#5
2-Fluorophenol
Concen: 156.621 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:112 Resp: 279707

Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.3	67.9
63	30.4	23.0	34.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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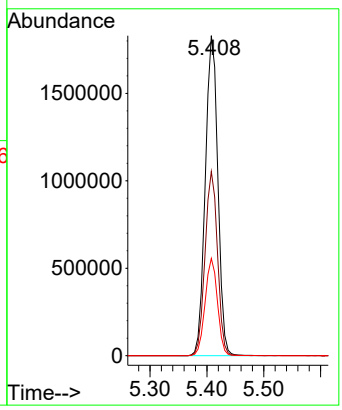
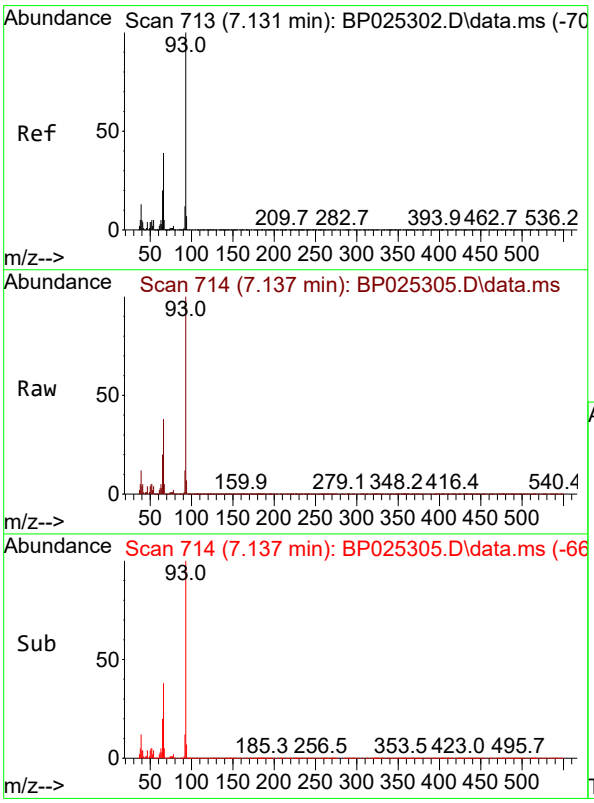
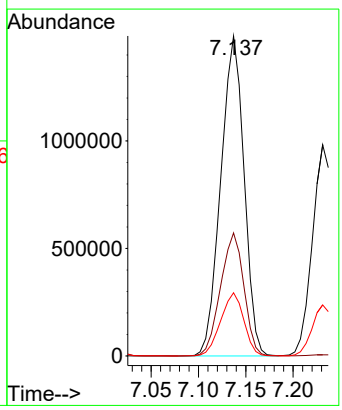


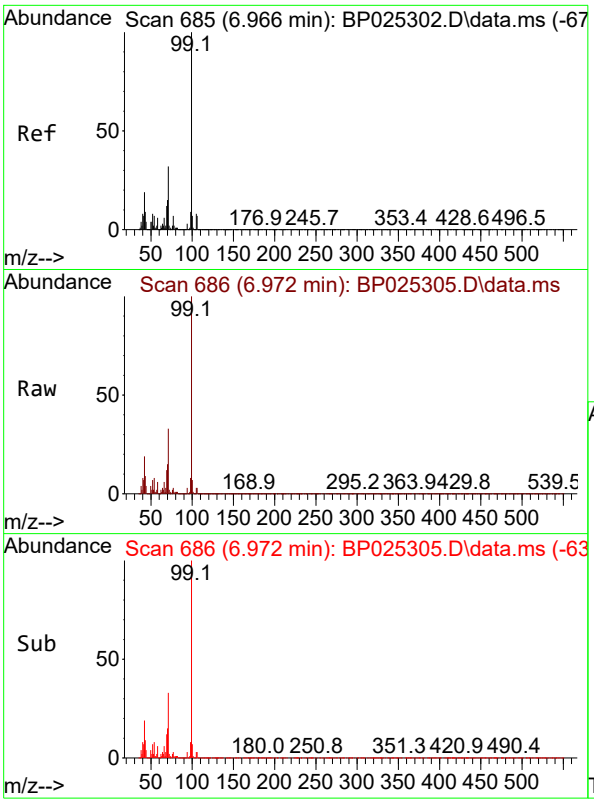


#6
Aniline
Concen: 79.451 ng
RT: 7.137 min Scan# 714
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 93 Resp: 2546940

Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.1	46.7
65	19.7	15.8	23.8

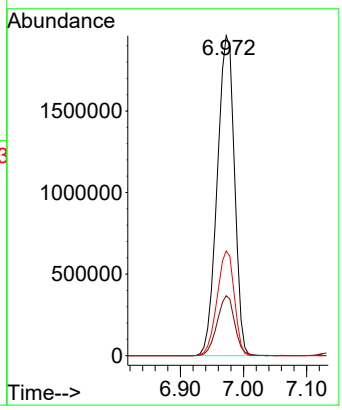




#7
Phenol-d6
Concen: 157.885 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 99 Resp: 371951

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.6
71	32.7	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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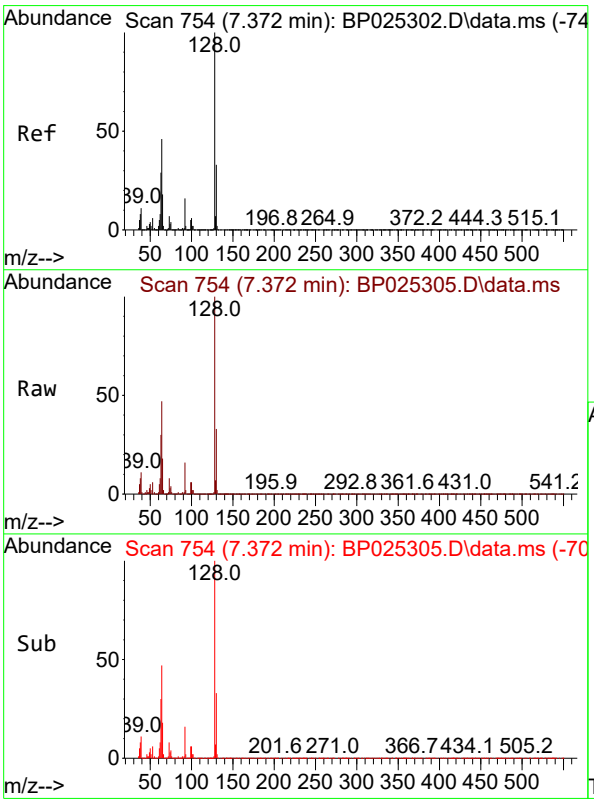
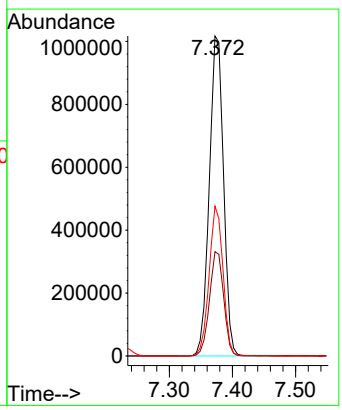
Supervised By :Jagrut Upadhyay 08/06/2025

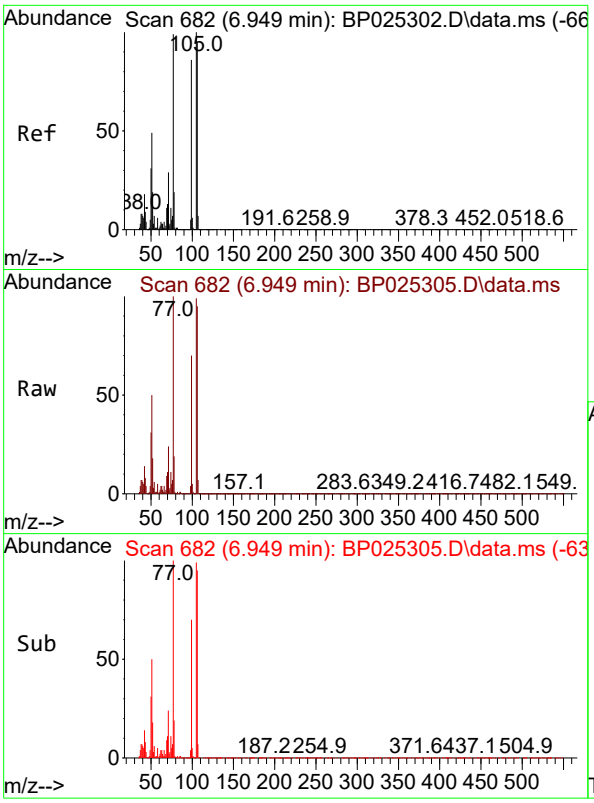


#8
2-Chlorophenol
Concen: 81.930 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:128 Resp: 1591247

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	46.8	26.1	66.1

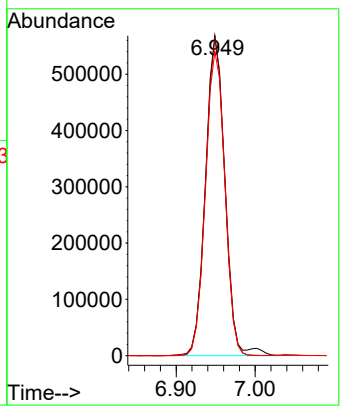




#9
Benzaldehyde
Concen: 58.640 ng m
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 77 Resp: 97260

Ion	Ratio	Lower	Upper
77	100		
105	99.3	81.4	121.4
106	95.1	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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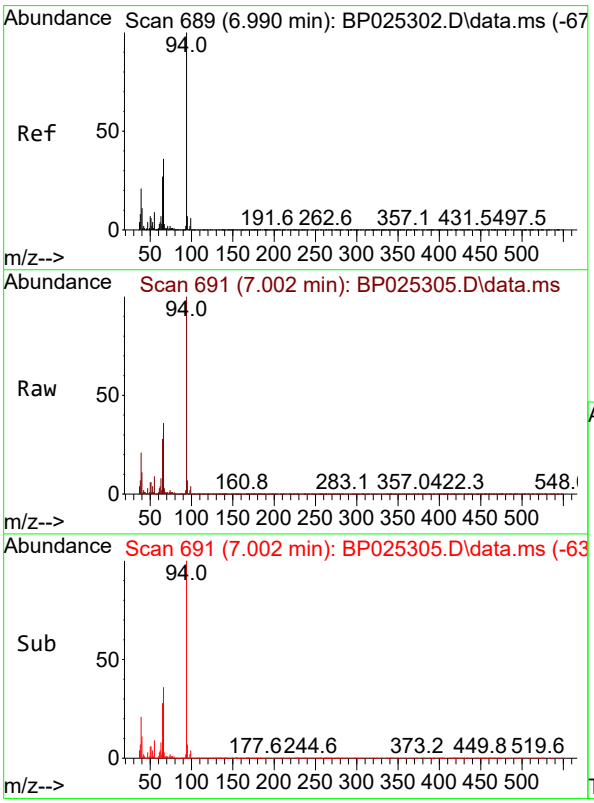
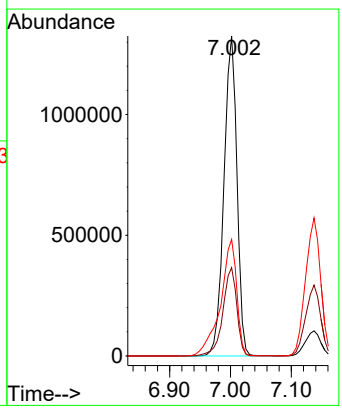
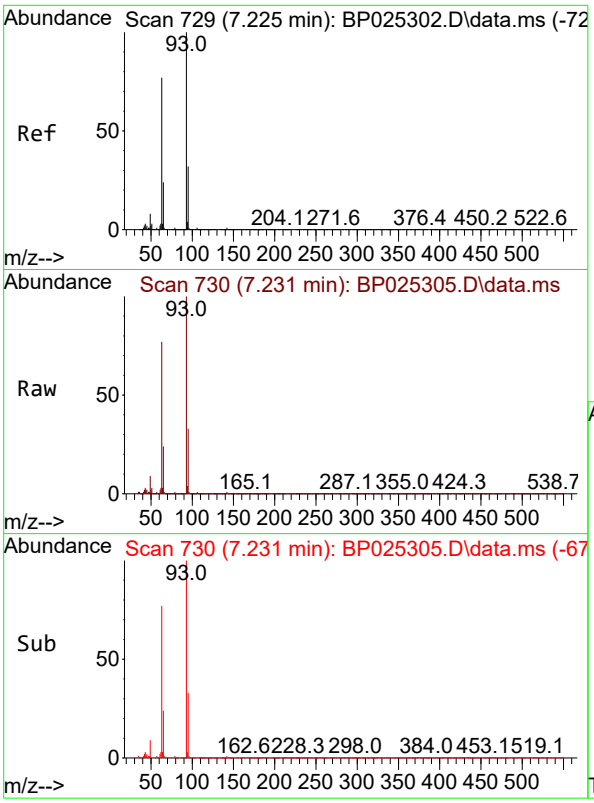


#10
Phenol
Concen: 78.808 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 94 Resp: 1969060

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.3	47.3
66	36.4	15.7	55.7

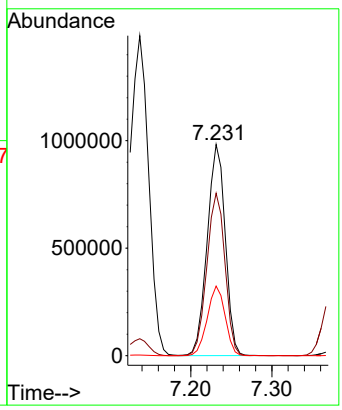




#11
bis(2-Chloroethyl)ether
Concen: 77.407 ng
RT: 7.231 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 93 Resp: 151539

Ion	Ratio	Lower	Upper
93	100		
63	76.9	57.0	97.0
95	32.9	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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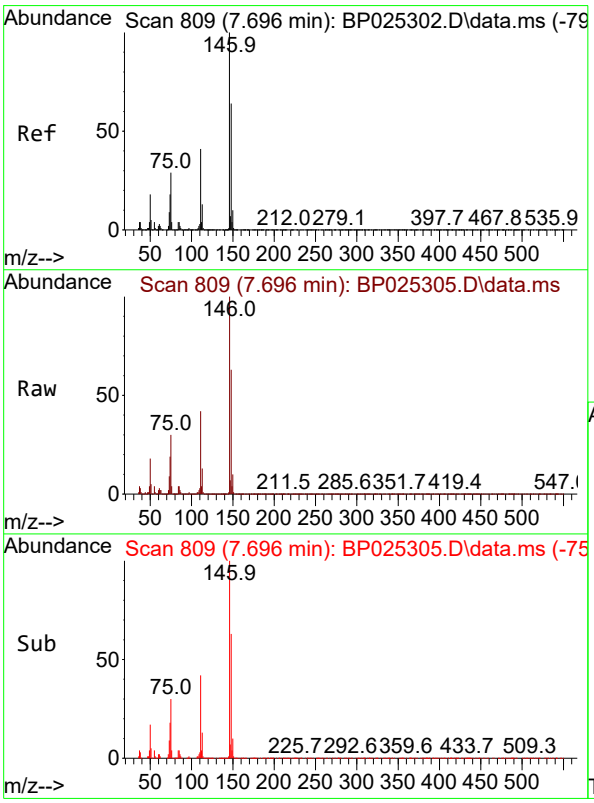
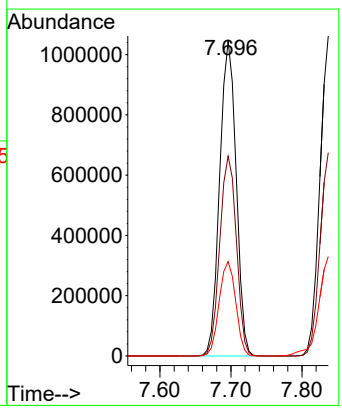
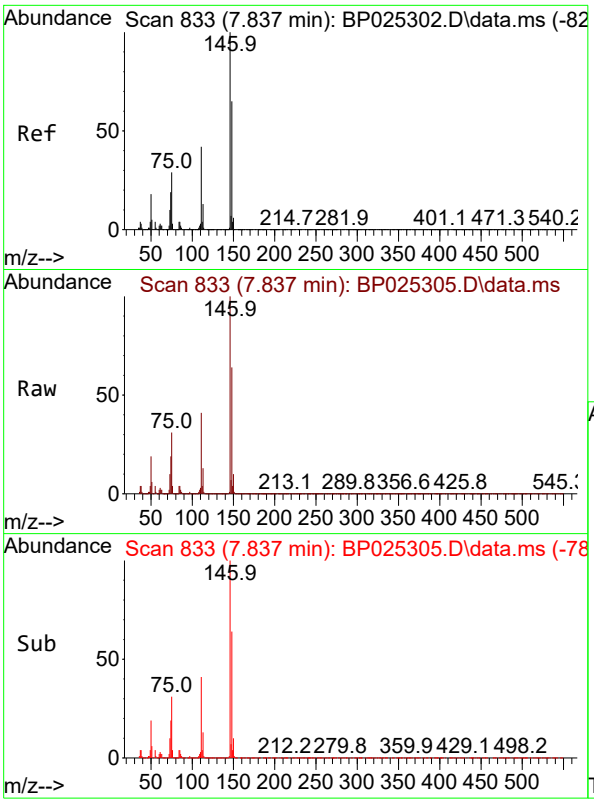


#12
1,3-Dichlorobenzene
Concen: 76.821 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:146 Resp: 1676489

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
75	30.0	23.2	34.8

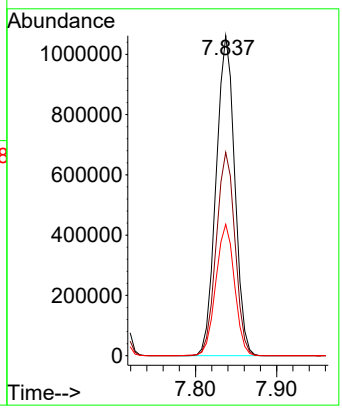




#13
1,4-Dichlorobenzene
Concen: 76.733 ng
RT: 7.837 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:146 Resp: 169417

Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.0	78.0
111	41.1	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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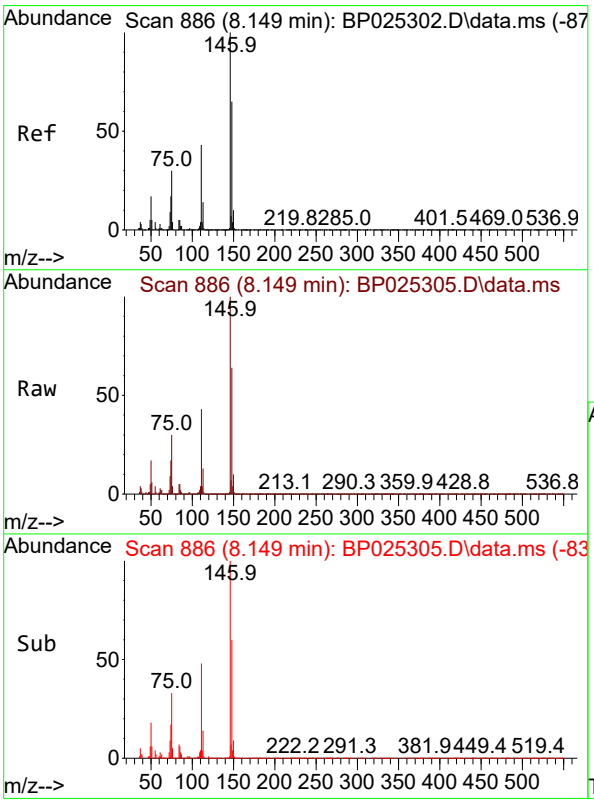
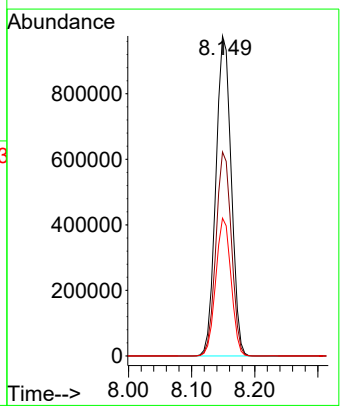
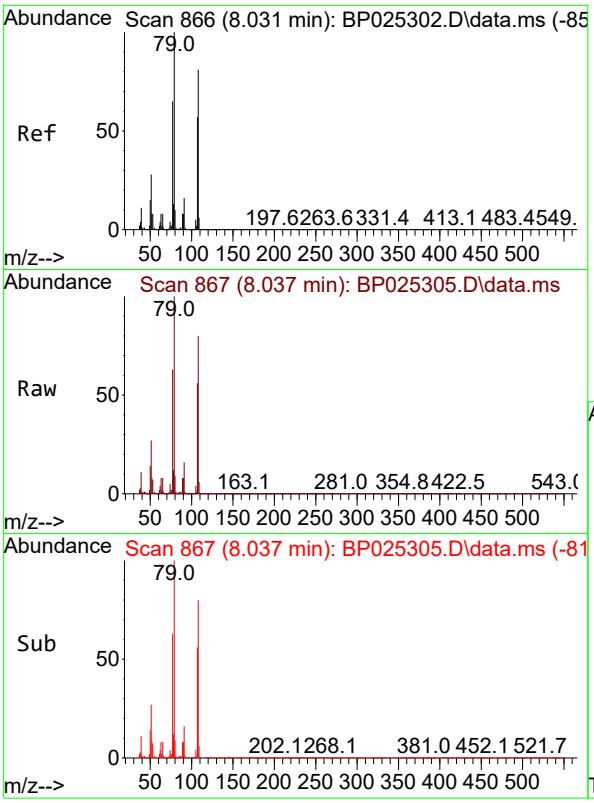


#14
1,2-Dichlorobenzene
Concen: 77.123 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:146 Resp: 1649525

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	43.1	34.4	51.6





#15
Benzyl Alcohol
Concen: 79.979 ng
RT: 8.037 min Scan# 8(
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 144772(

Ion	Ratio	Lower	Upper
79	100		
108	80.4	64.5	96.7
77	62.5	51.9	77.9

Manual Integrations
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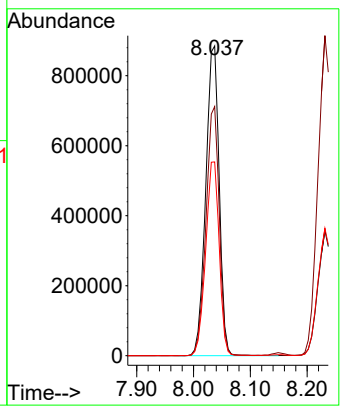
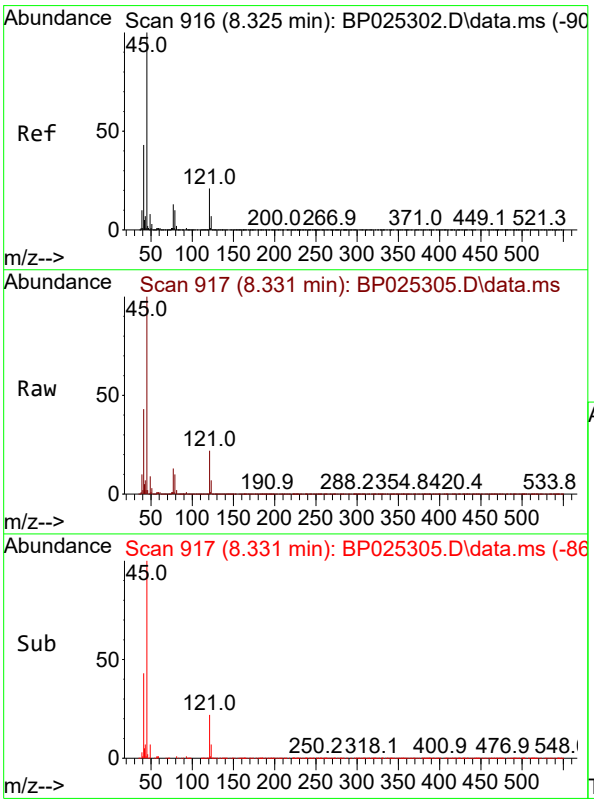
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

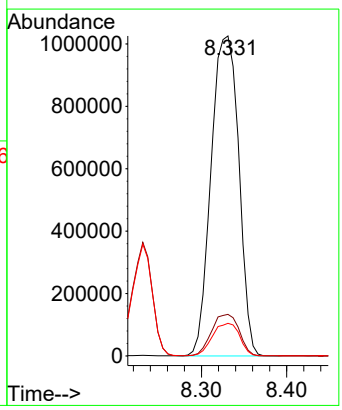


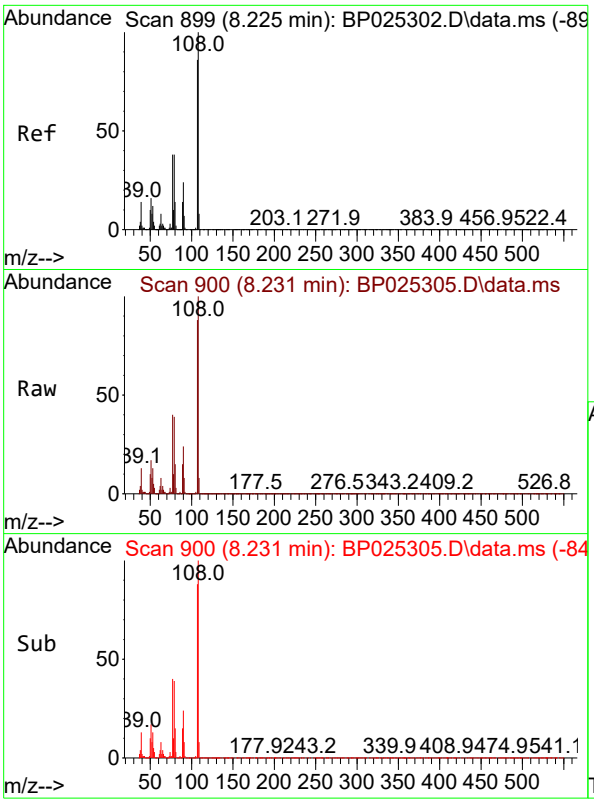


#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.053 ng
RT: 8.331 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 45 Resp: 2321074

Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.0
79	10.2	0.0	29.8

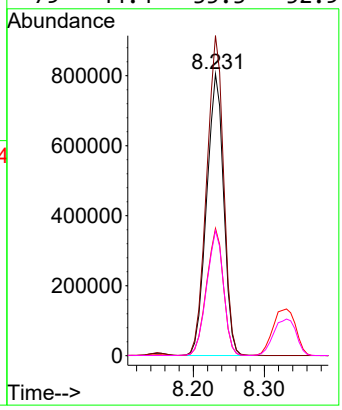




#17
2-Methylphenol
Concen: 80.204 ng
RT: 8.231 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:107 Resp: 134088(

Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.6	139.0
77	45.2	35.4	53.2
79	44.4	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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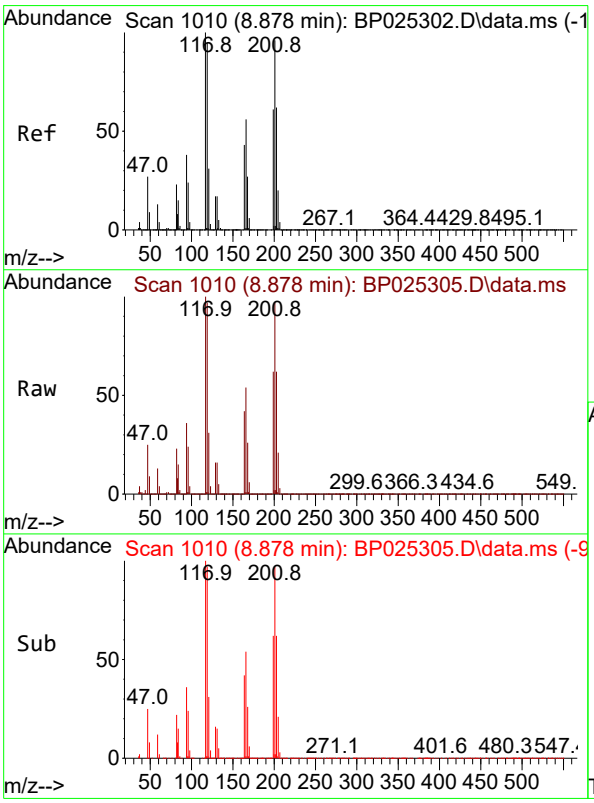
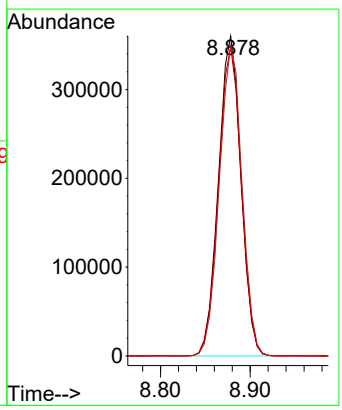
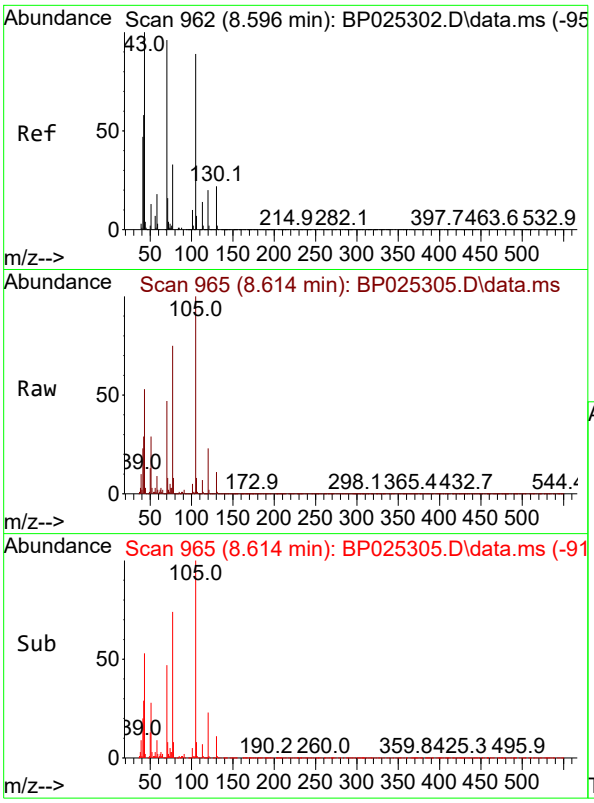


#18
Hexachloroethane
Concen: 79.471 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:117 Resp: 627491

Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.8
201	97.1	76.6	114.8

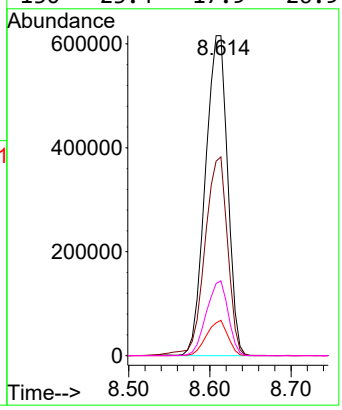




#19
n-Nitroso-di-n-propylamine
Concen: 76.214 ng
RT: 8.614 min Scan# 9
Delta R.T. 0.018 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 70 Resp: 116932

Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.4	74.0
101	11.1	7.9	11.9
130	23.4	17.9	26.9



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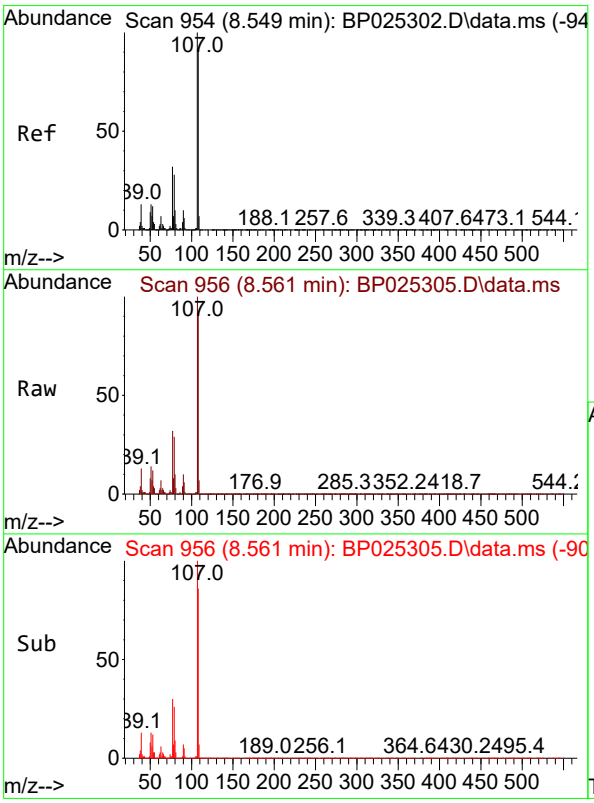
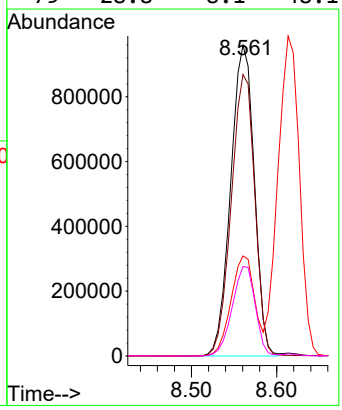
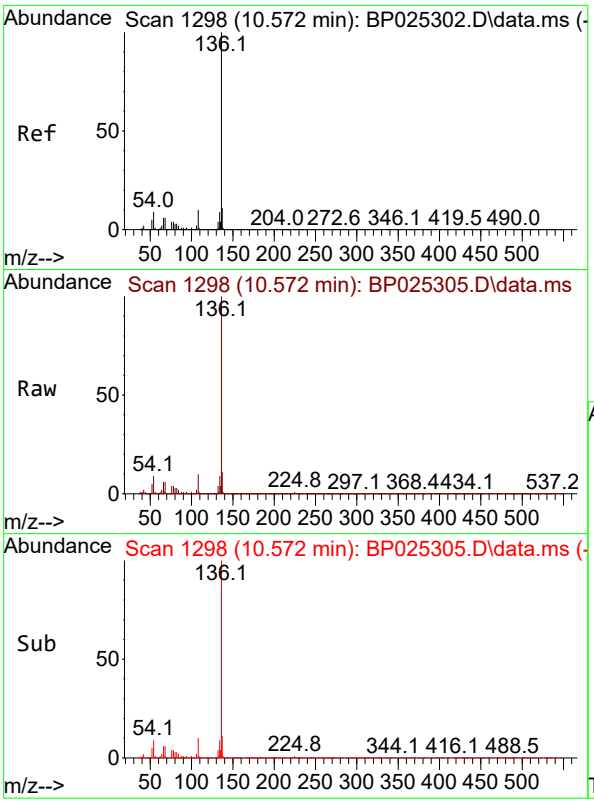


#20
3+4-Methylphenols
Concen: 79.981 ng
RT: 8.561 min Scan# 956
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:107 Resp: 1841296

Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.9	111.9
77	32.2	12.0	52.0
79	28.8	8.1	48.1

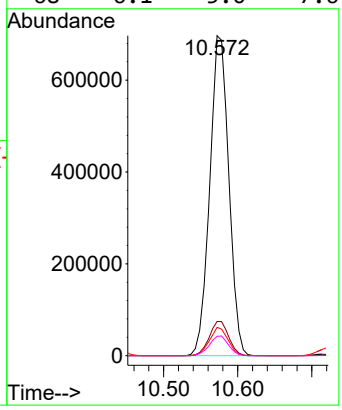




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:136 Resp: 124391

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.9	7.0	10.6
68	6.1	5.0	7.6



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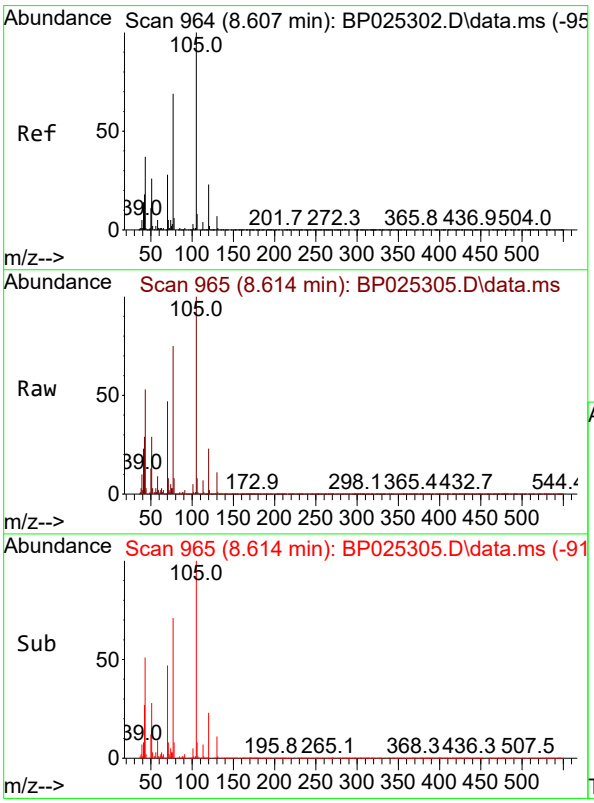
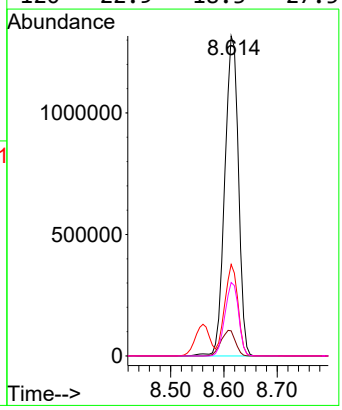
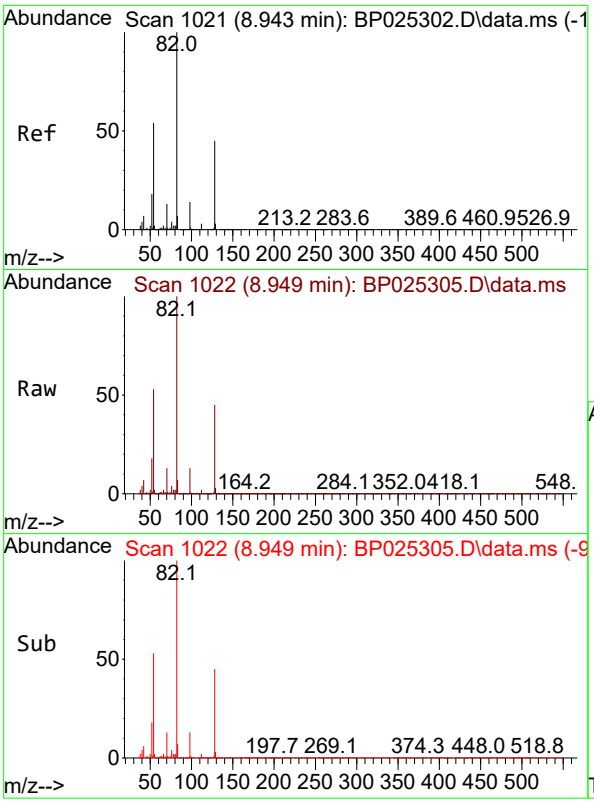


#22
Acetophenone
Concen: 75.200 ng
RT: 8.614 min Scan# 965
Delta R.T. 0.007 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:105 Resp: 2348273

Ion	Ratio	Lower	Upper
105	100		
71	7.9	4.1	6.1#
51	28.6	22.7	34.1
120	22.9	18.3	27.5





#23
Nitrobenzene-d5
Concen: 164.165 ng
RT: 8.949 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 82 Resp: 377423

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.4	53.2
54	53.1	42.9	64.3

Instrument :
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ClientSampleId :
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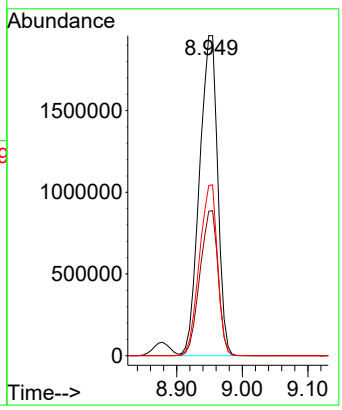
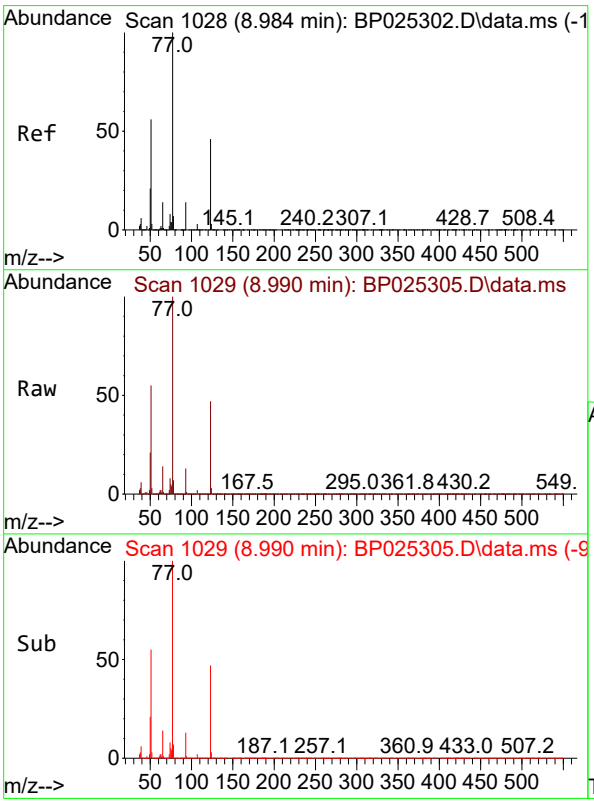
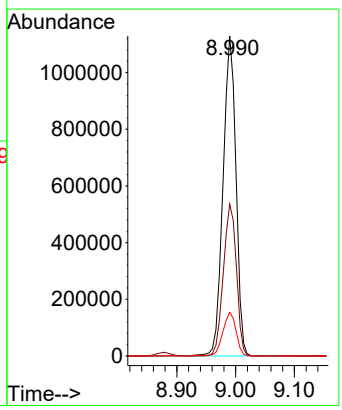


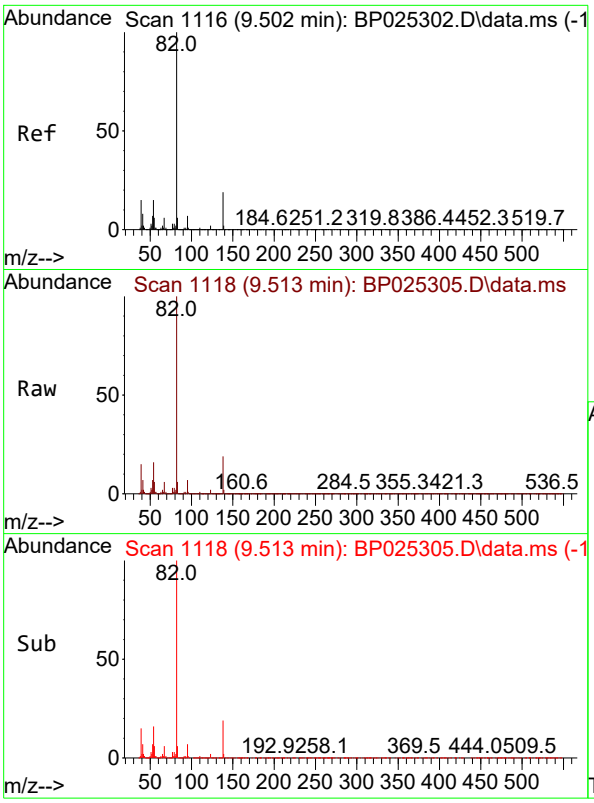


#24
Nitrobenzene
Concen: 80.892 ng
RT: 8.990 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 77 Resp: 1719289

Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.4	56.2
65	13.6	11.1	16.7

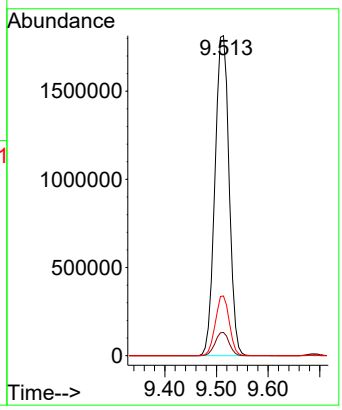




#25
Isophorone
Concen: 76.970 ng
RT: 9.513 min Scan# 1
Delta R.T. 0.011 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 82 Resp: 344008

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	18.7	15.0	22.6



Instrument :
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ClientSampleId :
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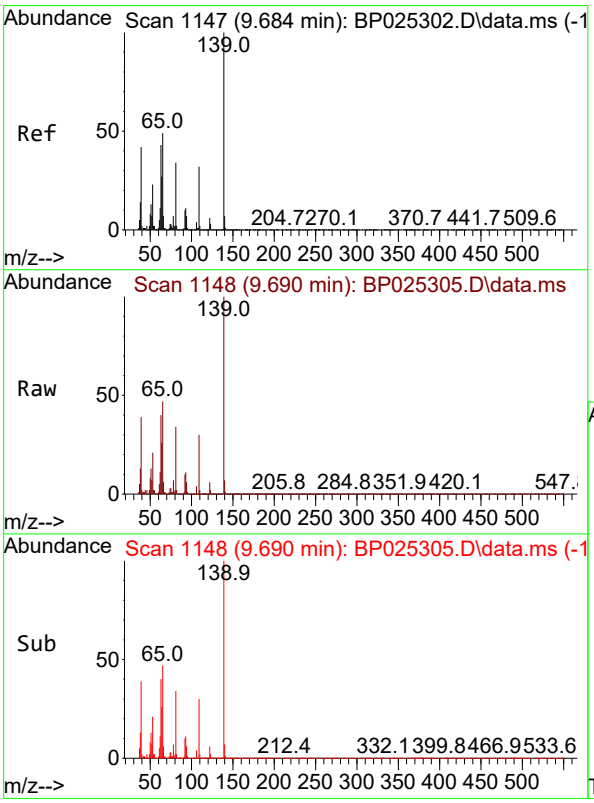
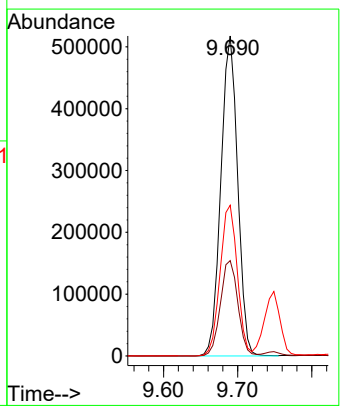
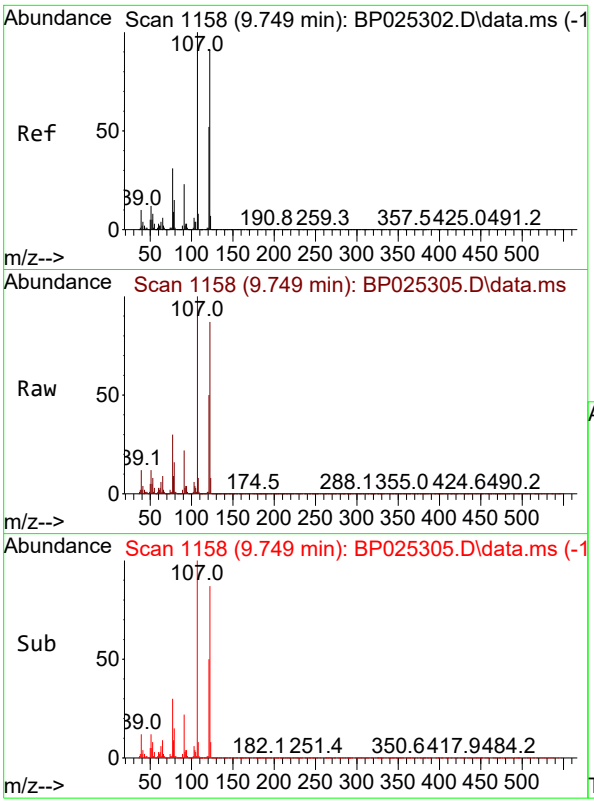


#26
2-Nitrophenol
Concen: 84.806 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:139 Resp: 813124

Ion	Ratio	Lower	Upper
139	100		
109	29.8	25.2	37.8
65	47.1	39.6	59.4

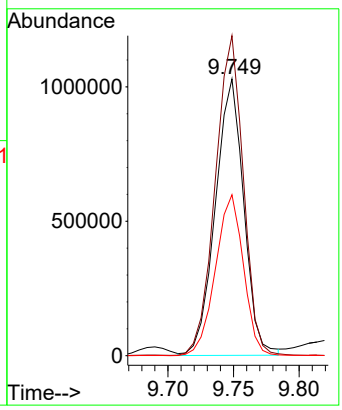




#27
2,4-Dimethylphenol
Concen: 75.090 ng
RT: 9.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:122 Resp: 154726

Ion	Ratio	Lower	Upper
122	100		
107	115.6	87.4	131.0
121	58.2	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
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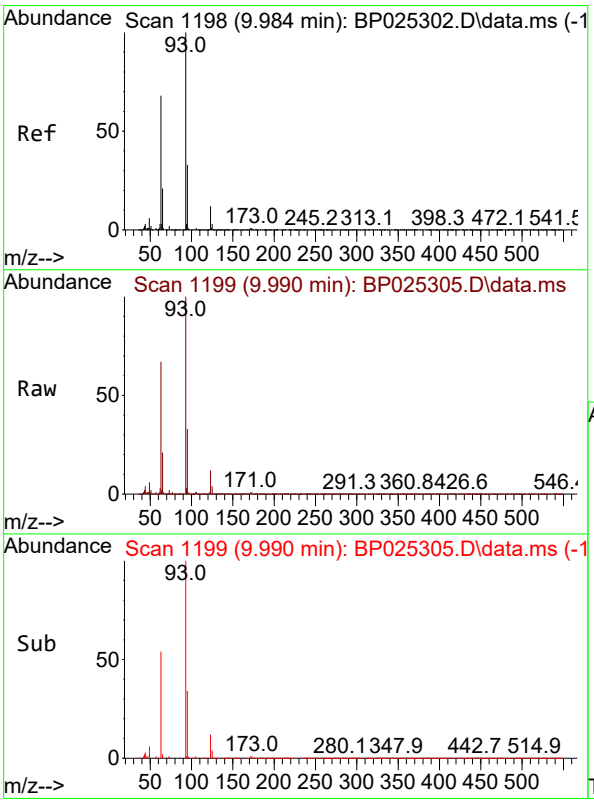
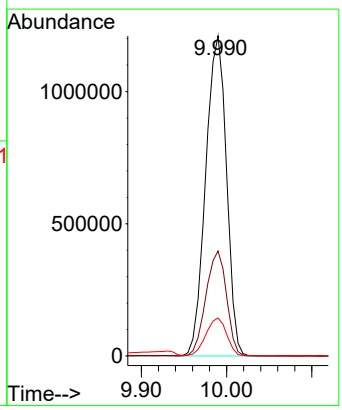
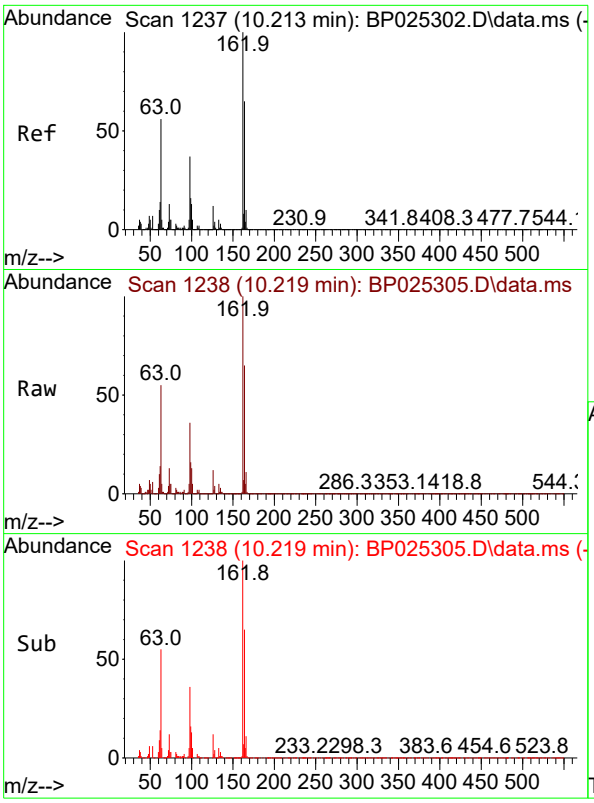


#28
bis(2-Chloroethoxy)methane
Concen: 75.555 ng
RT: 9.990 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 93 Resp: 2054235

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.9	9.4	14.2

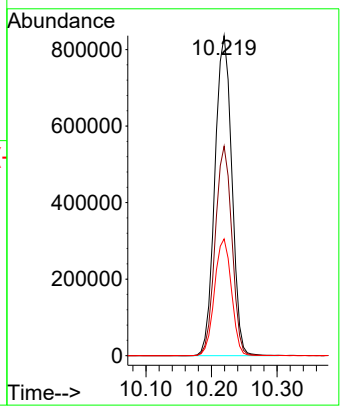




#29
2,4-Dichlorophenol
Concen: 82.826 ng
RT: 10.219 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:162 Resp: 149416

Ion	Ratio	Lower	Upper
162	100		
164	65.5	45.2	85.2
98	36.5	17.5	57.5



Instrument :
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ClientSampleId :
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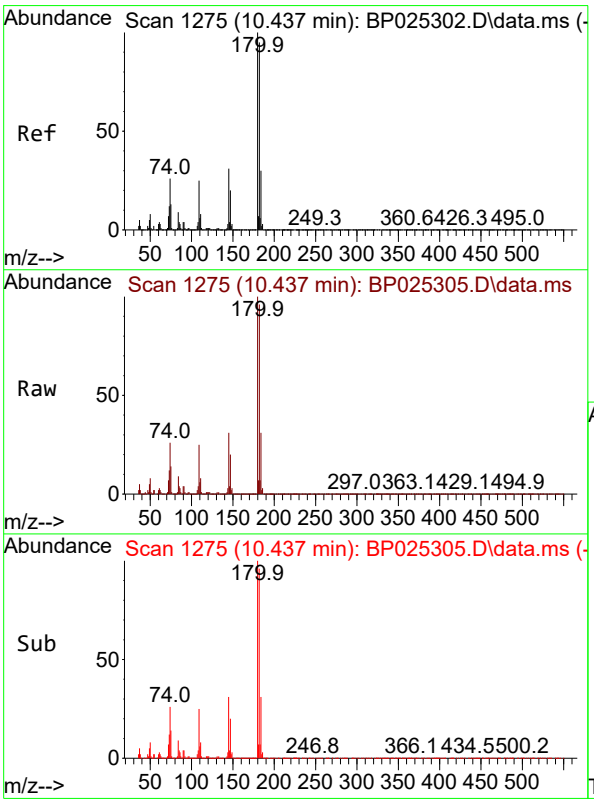
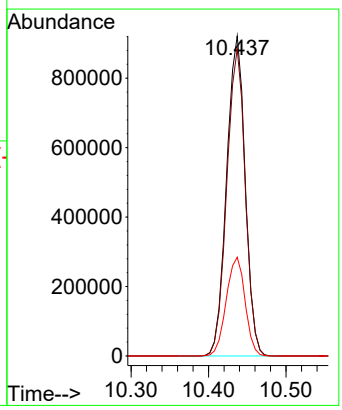
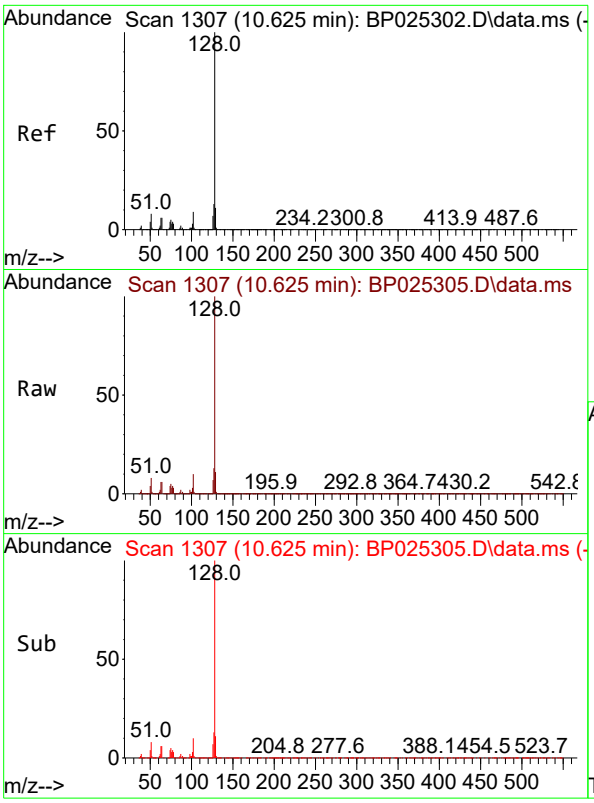


#30
1,2,4-Trichlorobenzene
Concen: 77.166 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:180 Resp: 1535792

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.8
145	30.9	25.0	37.4

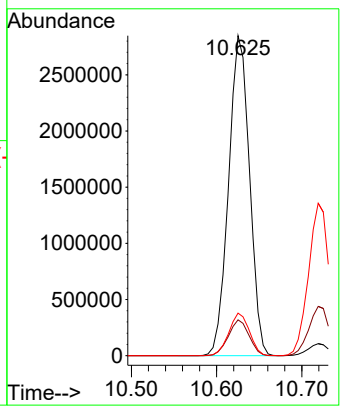




#31
Naphthalene
Concen: 75.289 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:128 Resp: 486174

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.3	10.4	15.6



Instrument :
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ClientSampleId :
SSTDICC080

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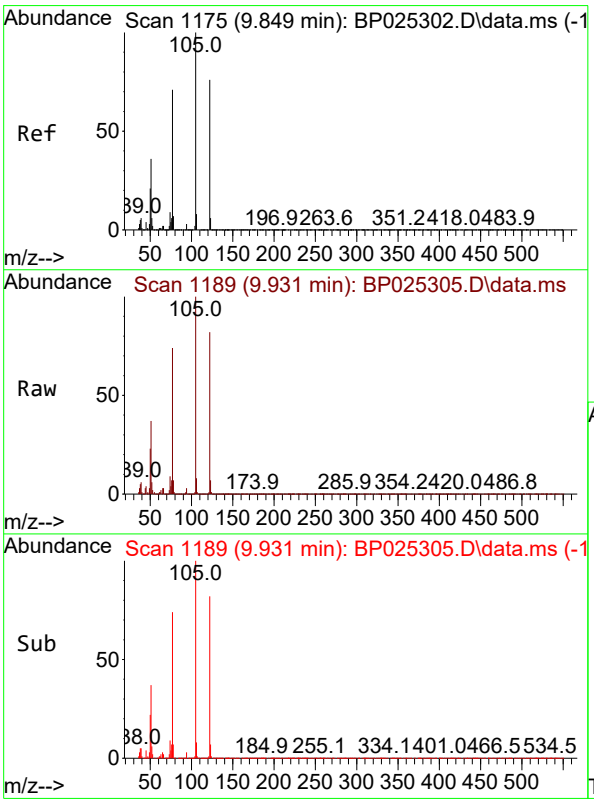
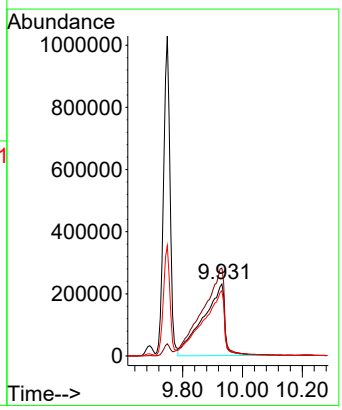
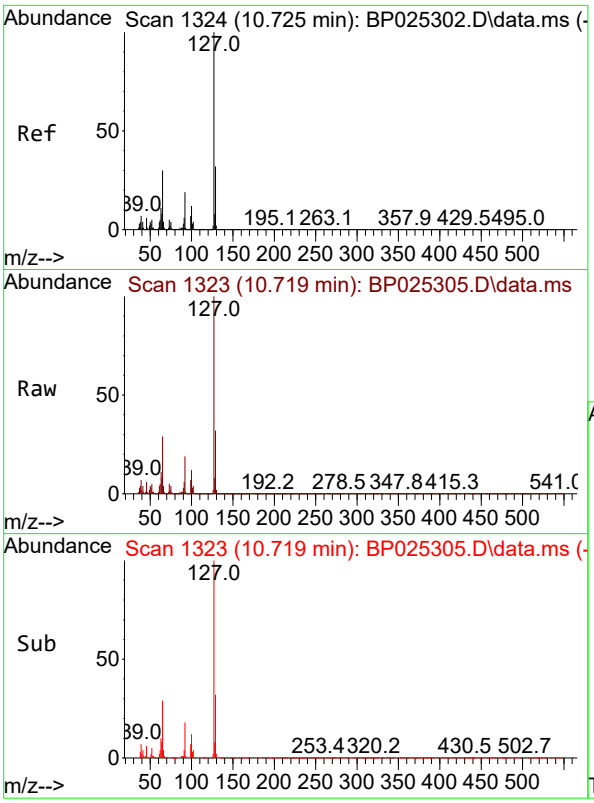


#32
Benzoic acid
Concen: 79.253 ng
RT: 9.931 min Scan# 1189
Delta R.T. 0.082 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:122 Resp: 1160103

Ion	Ratio	Lower	Upper
122	100		
105	122.1	104.0	144.0
77	90.6	71.8	111.8

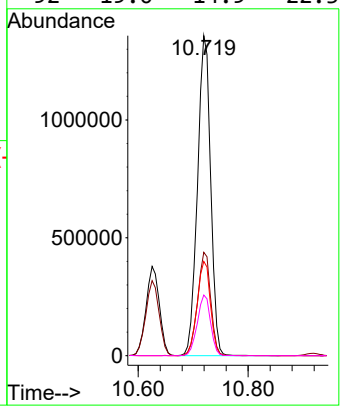




#33
4-Chloroaniline
Concen: 78.523 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:127 Resp: 225516

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	29.5	23.6	35.4
92	19.0	14.9	22.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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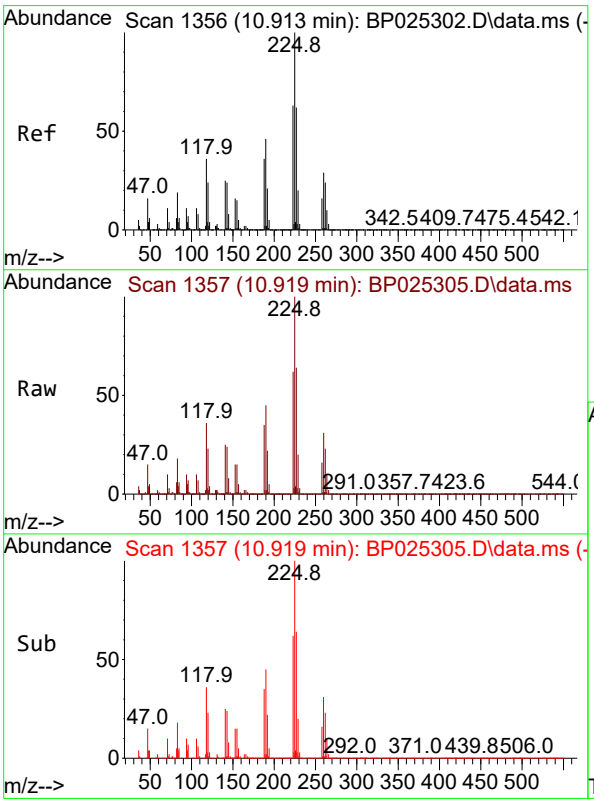
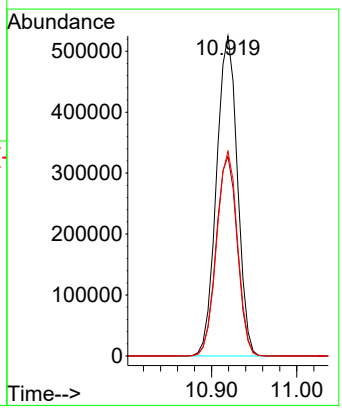
Supervised By :Jagrut Upadhyay 08/06/2025

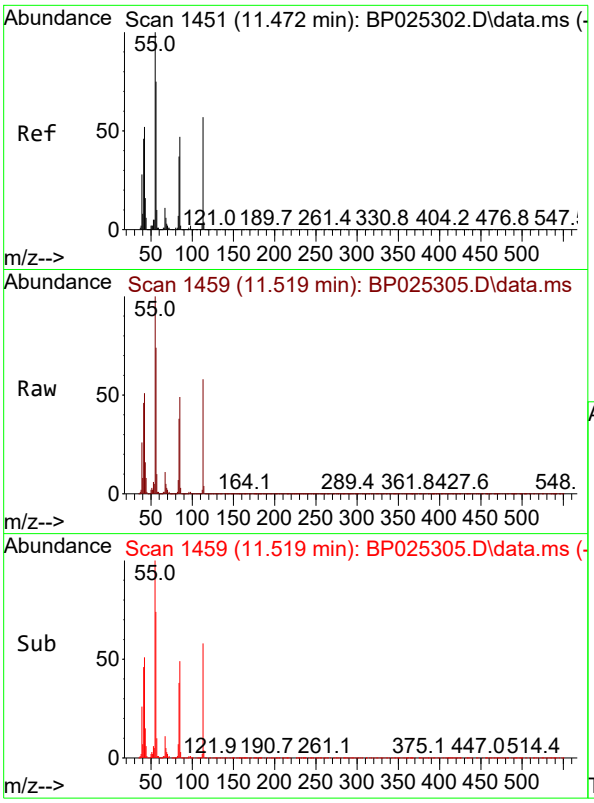


#34
Hexachlorobutadiene
Concen: 78.411 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:225 Resp: 895811

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.3	75.5
227	63.9	49.7	74.5

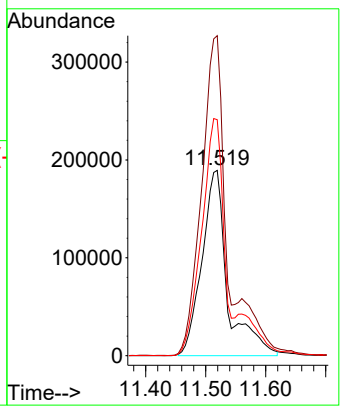




#35
Caprolactam
Concen: 80.094 ng m
RT: 11.519 min Scan# 14
Delta R.T. 0.047 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:113 Resp: 56176

Ion	Ratio	Lower	Upper
113	100		
55	172.7	154.4	194.4
56	127.3	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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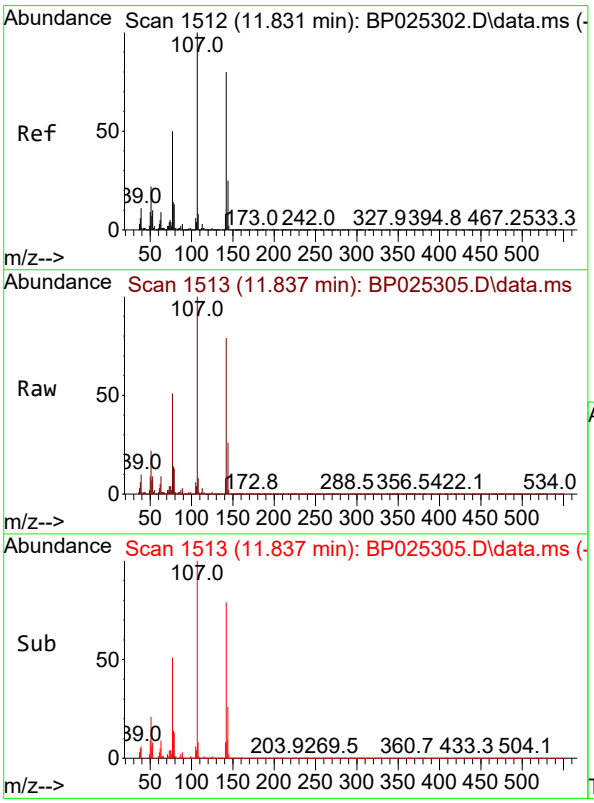
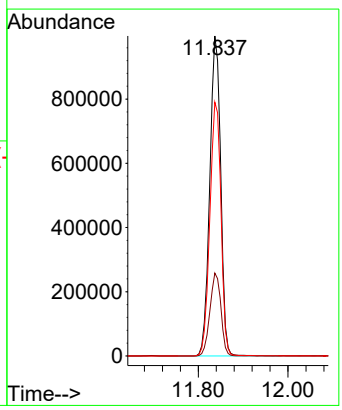
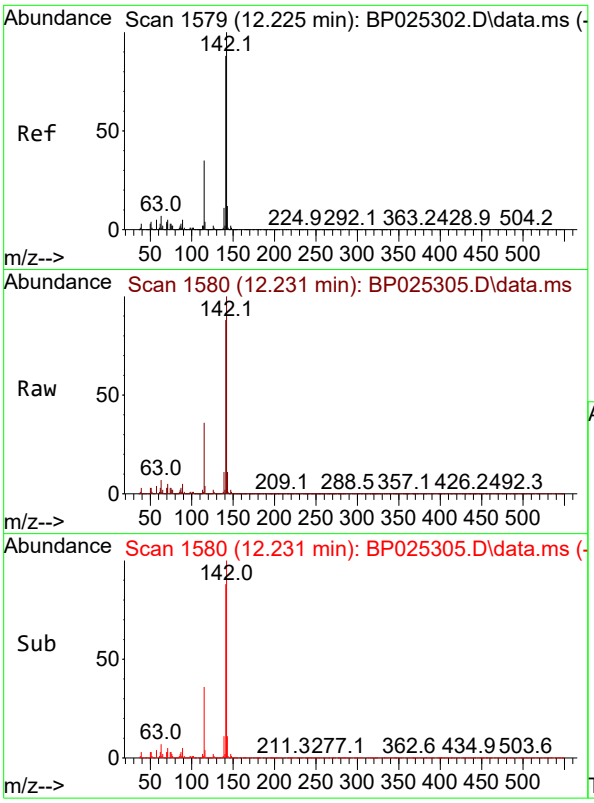


#36
4-Chloro-3-methylphenol
Concen: 80.535 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:107 Resp: 1681089

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.4	30.6
142	79.3	63.7	95.5

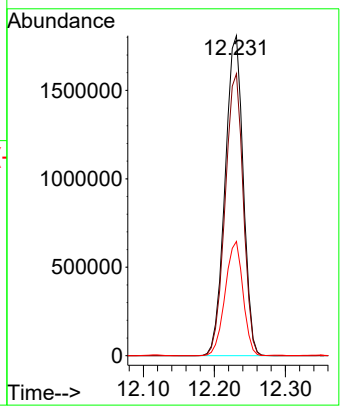




#37
2-Methylnaphthalene
Concen: 76.670 ng
RT: 12.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:142 Resp: 320450

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	35.7	28.0	42.0



Instrument :
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ClientSampleId :
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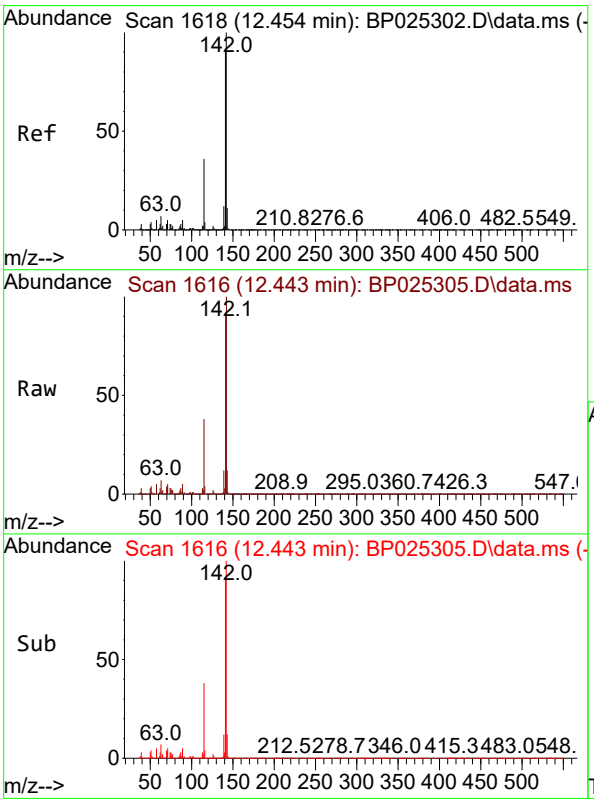
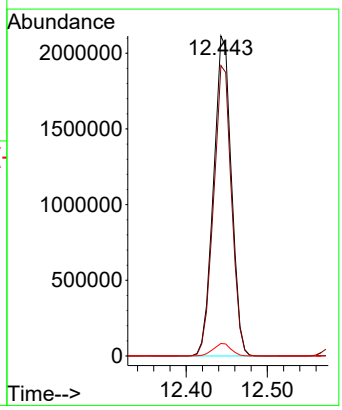
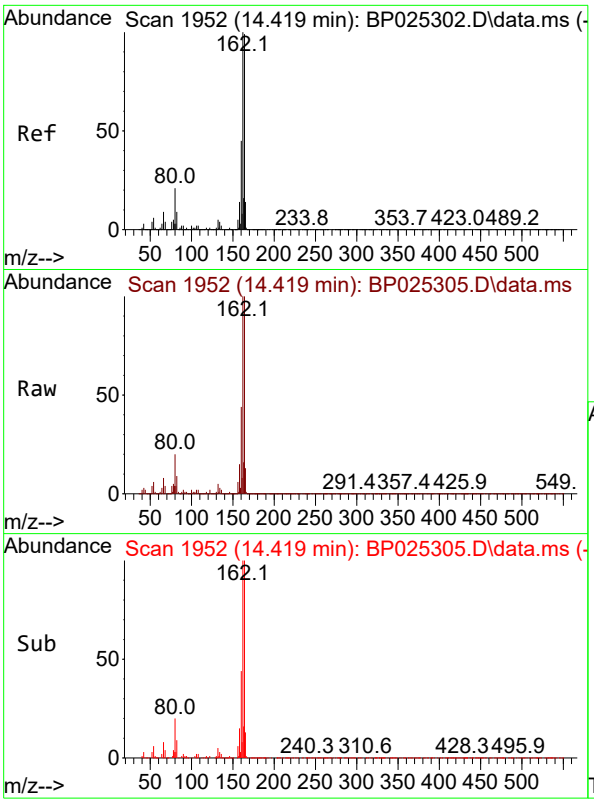


#38
1-Methylnaphthalene
Concen: 74.197 ng
RT: 12.443 min Scan# 1616
Delta R.T. -0.011 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:142 Resp: 3235826

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.6
116	3.9	3.0	4.6

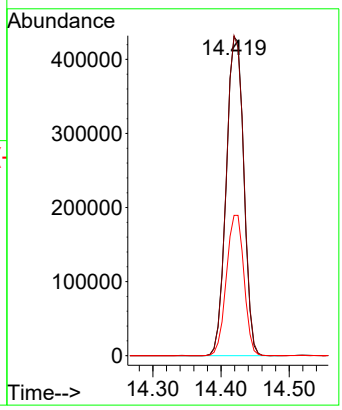




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:164 Resp: 76941

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	120.8
160	44.0	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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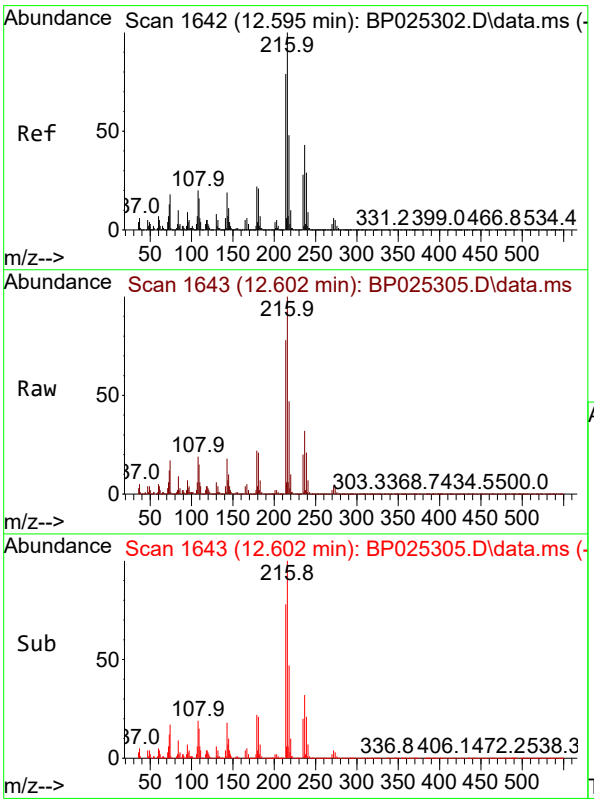
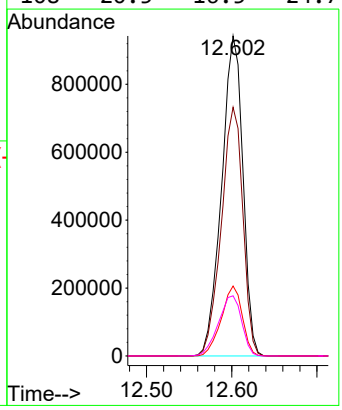
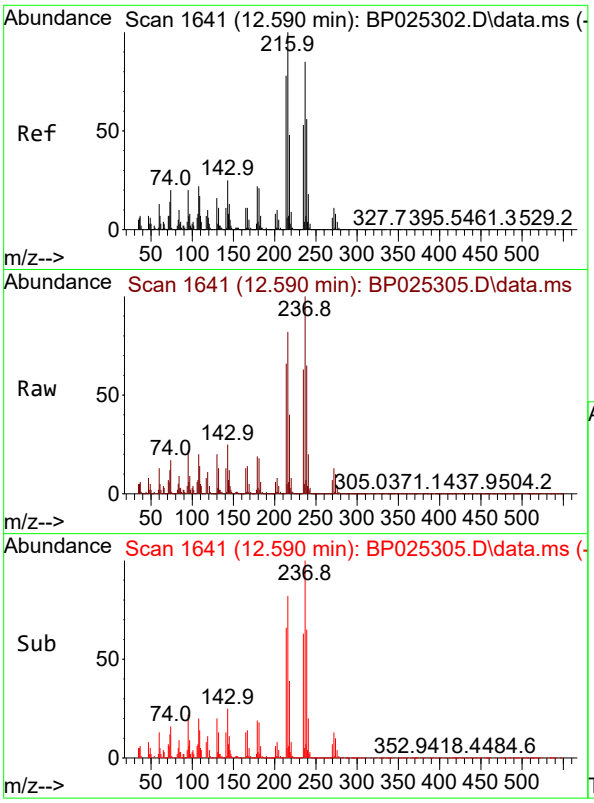


#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.897 ng
RT: 12.602 min Scan# 1643
Delta R.T. 0.007 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:216 Resp: 1636320

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	21.6	17.5	26.3
108	20.5	16.5	24.7





#41
Hexachlorocyclopentadiene
Concen: 86.171 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 111718

Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.2	82.2
272	12.7	0.0	32.8

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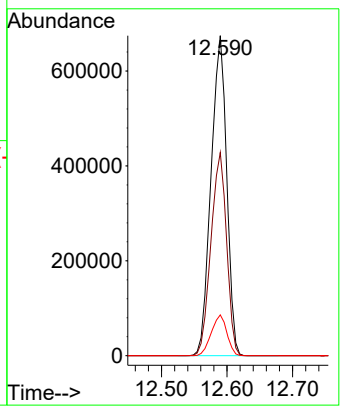
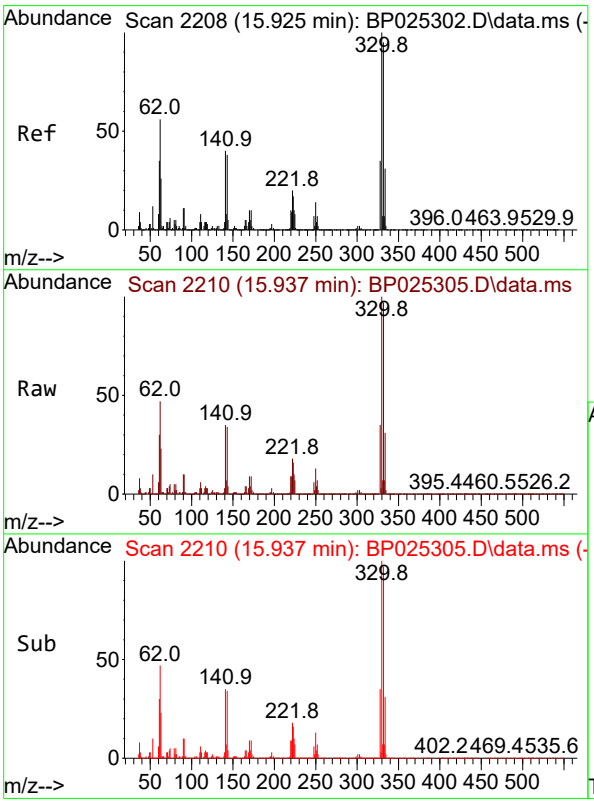
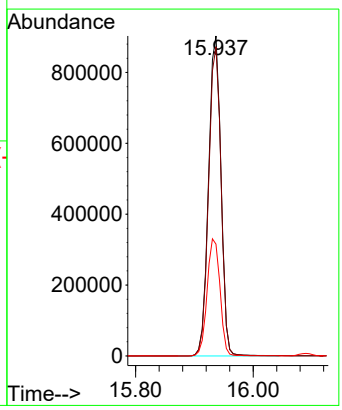


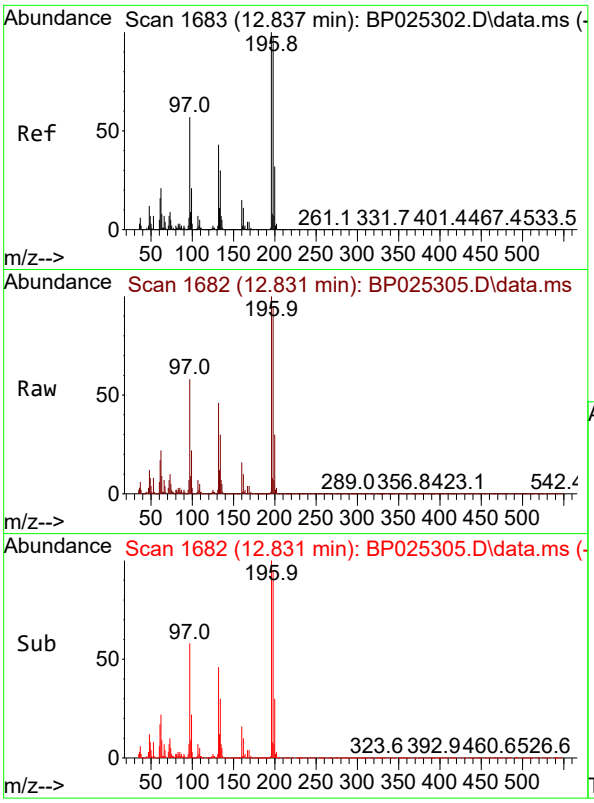


#42
2,4,6-Tribromophenol
Concen: 166.729 ng
RT: 15.937 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:330 Resp: 1324517

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	38.0	31.7	47.5

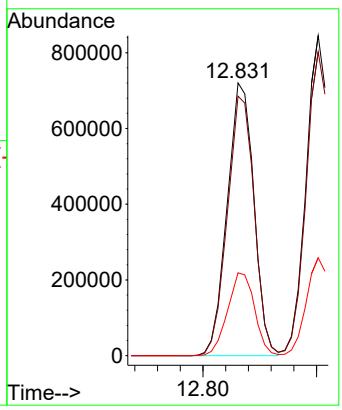




#43
2,4,6-Trichlorophenol
Concen: 86.791 ng
RT: 12.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:196 Resp: 117773

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.3	115.9
200	30.4	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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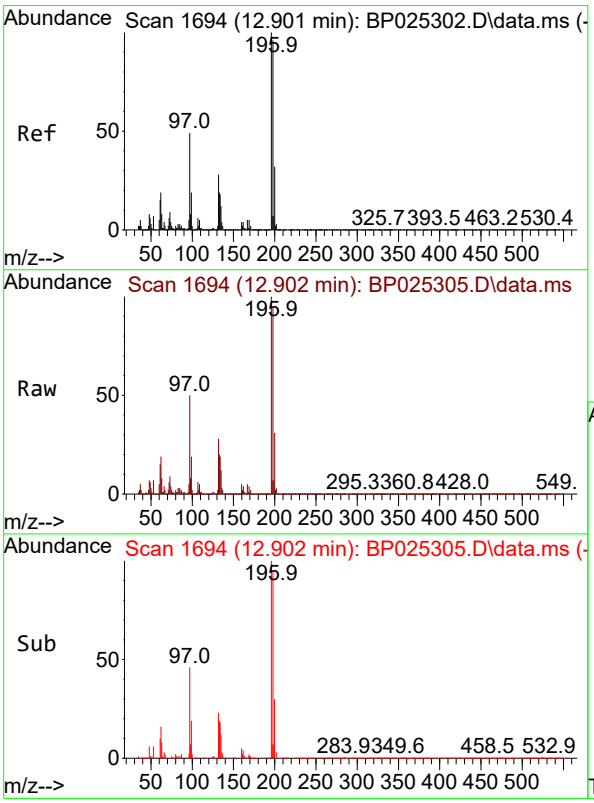
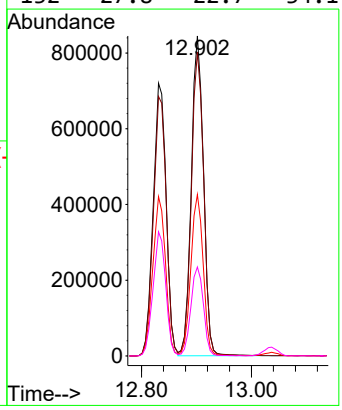
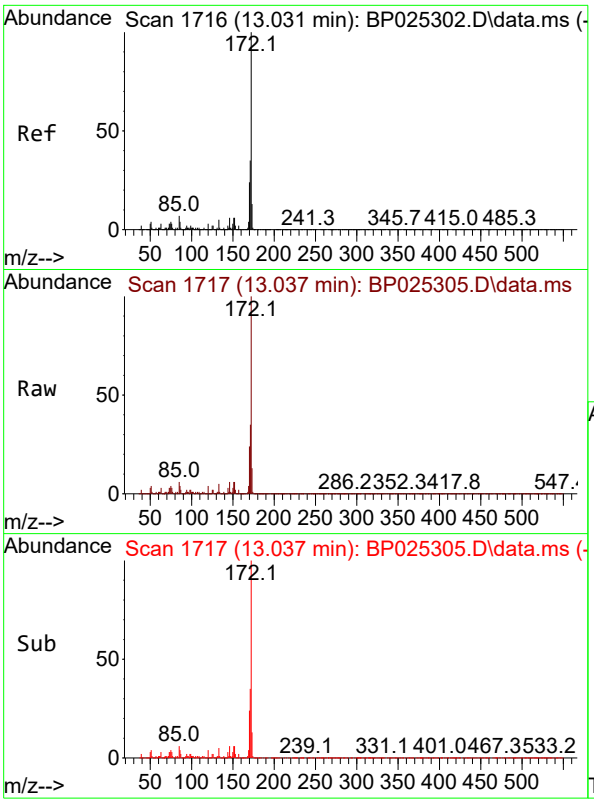


#44
2,4,5-Trichlorophenol
Concen: 85.453 ng
RT: 12.902 min Scan# 1694
Delta R.T. 0.001 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:196 Resp: 1300802

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.6	114.8
97	50.5	39.5	59.3
132	27.8	22.7	34.1

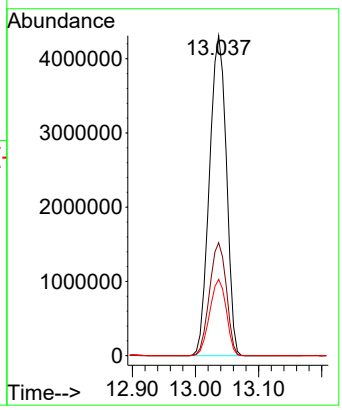




#45
2-Fluorobiphenyl
Concen: 144.776 ng
RT: 13.037 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:172 Resp: 802195

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.9	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
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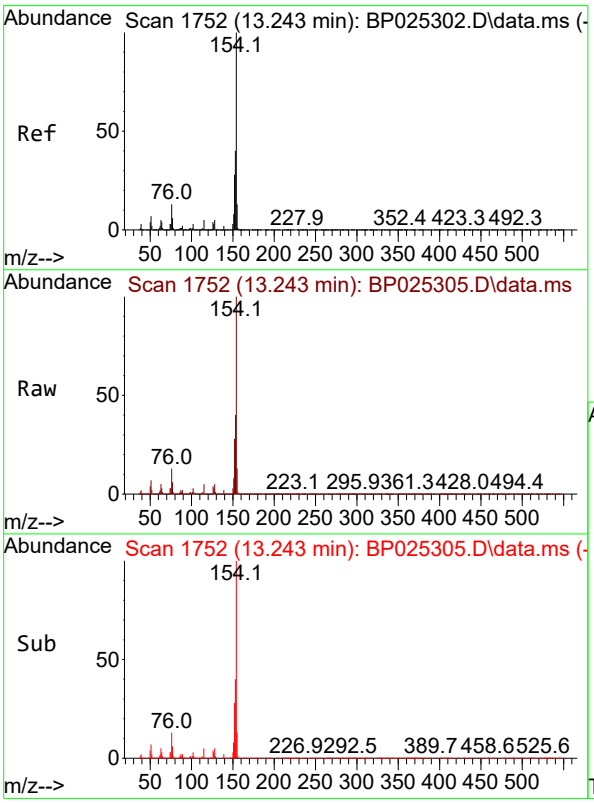
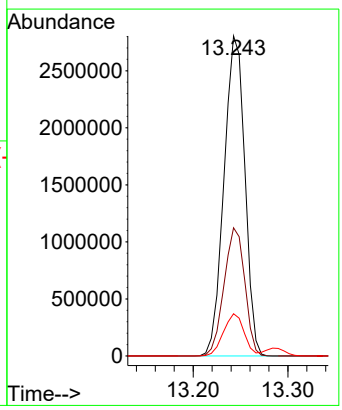
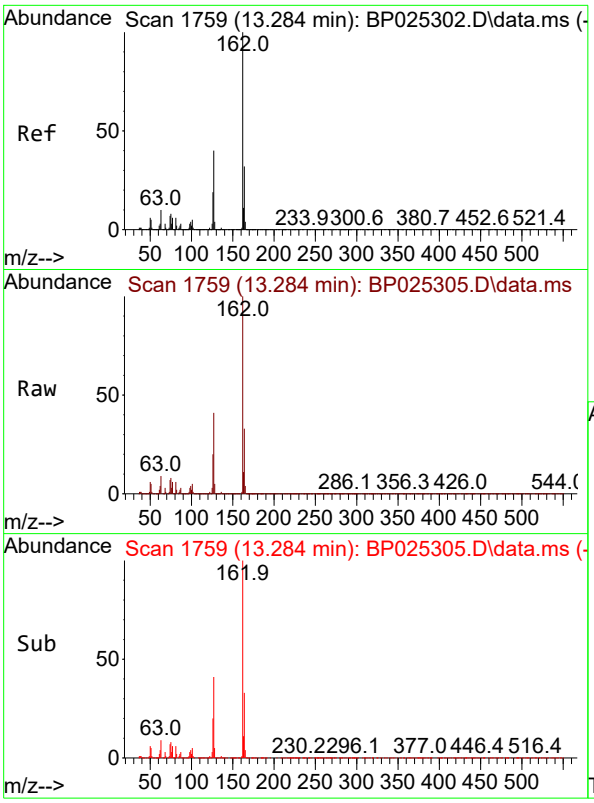


#46
1,1'-Biphenyl
Concen: 75.702 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:154 Resp: 4292450

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.9	59.9
76	13.2	0.0	33.2

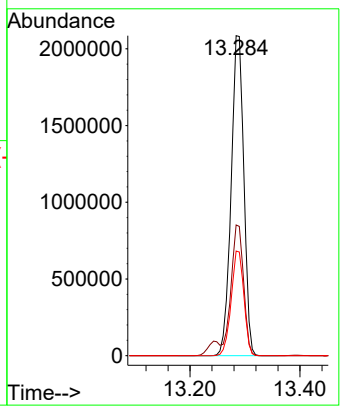




#47
2-Chloronaphthalene
Concen: 77.444 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:162 Resp: 335015

Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.2	48.2
164	32.7	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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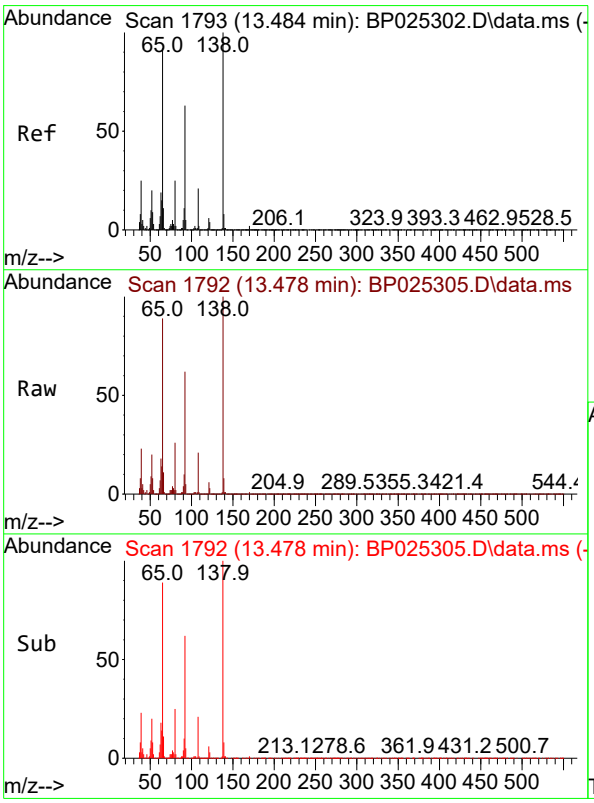
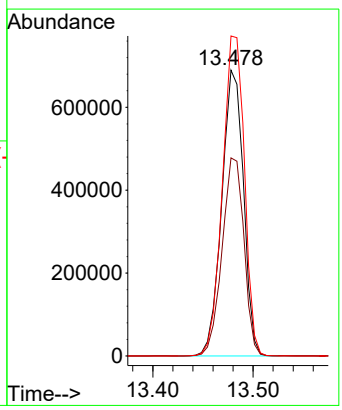
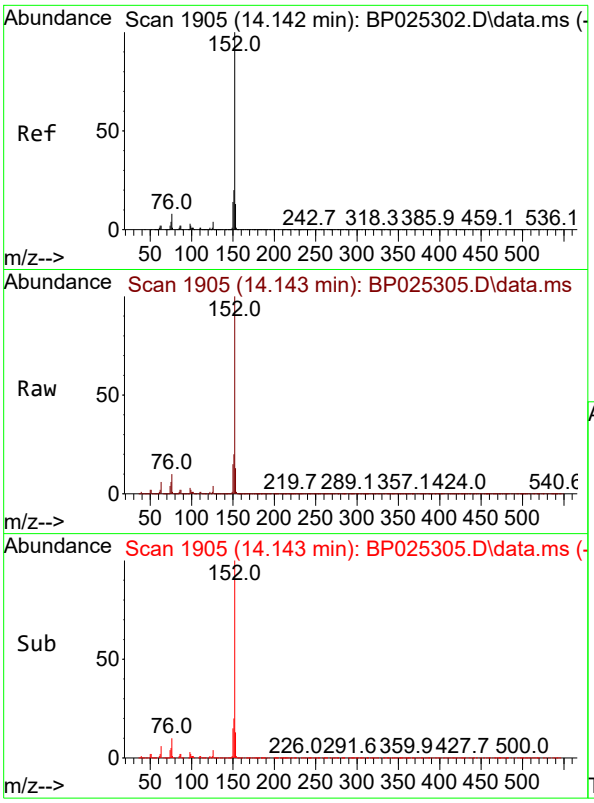


#48
2-Nitroaniline
Concen: 79.733 ng
RT: 13.478 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 65 Resp: 1036853

Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.4	81.6
138	112.0	87.0	130.4





#49
Acenaphthylene
Concen: 76.758 ng
RT: 14.143 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 553869

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.4	10.4	15.6

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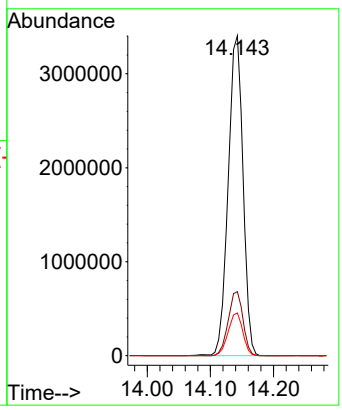
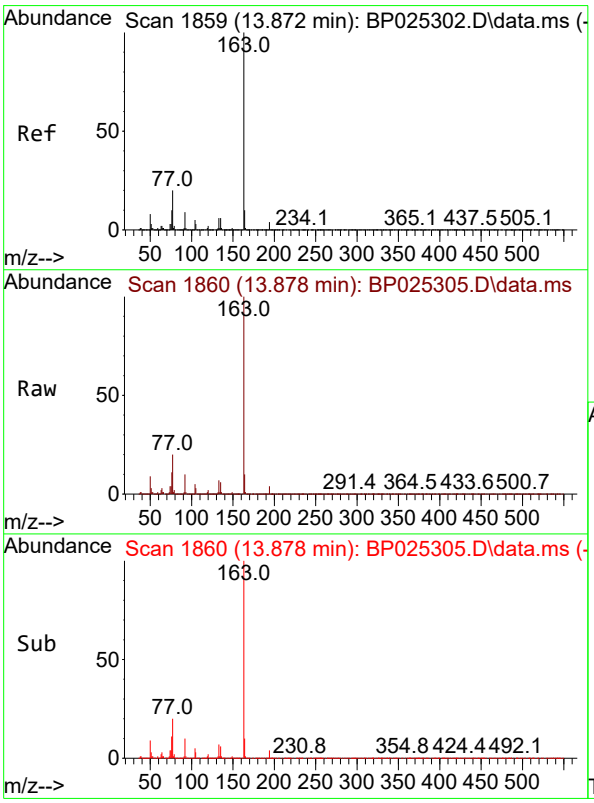
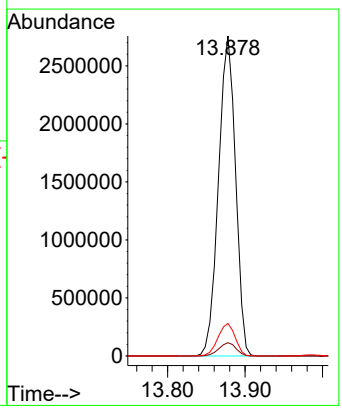


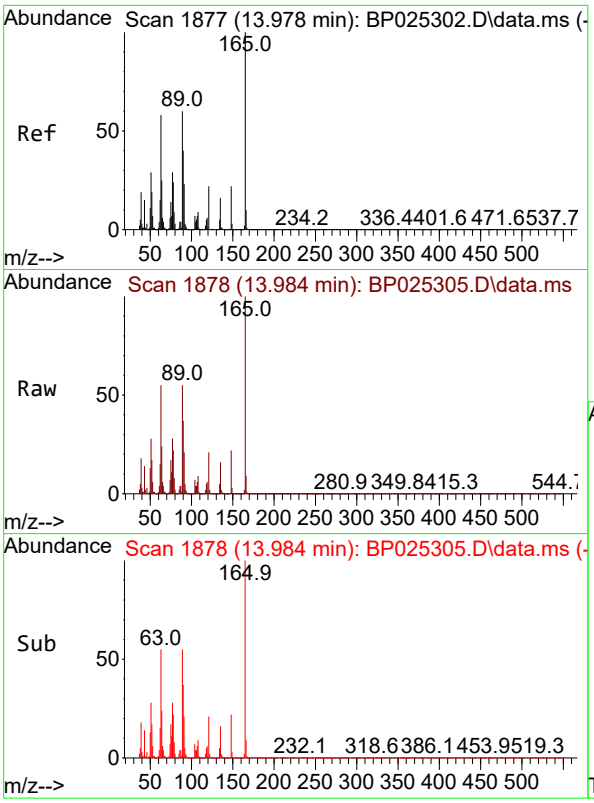


#50
Dimethylphthalate
Concen: 75.353 ng
RT: 13.878 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:163 Resp: 4226530

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 90.453 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:165 Resp: 93581

Ion	Ratio	Lower	Upper
165	100		
63	55.3	47.6	71.4
89	55.4	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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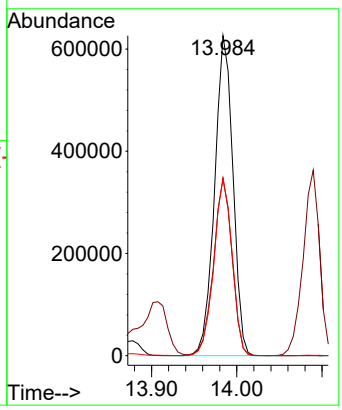
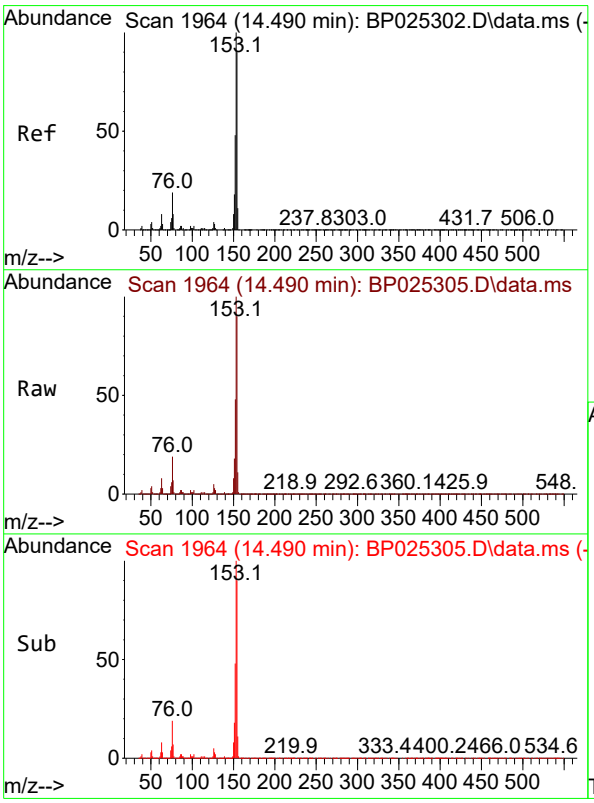
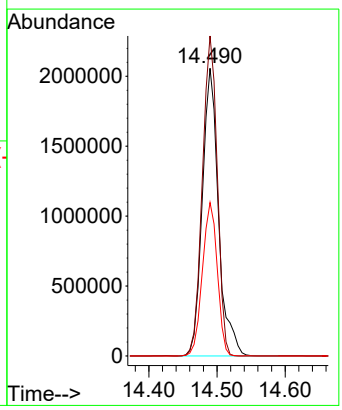


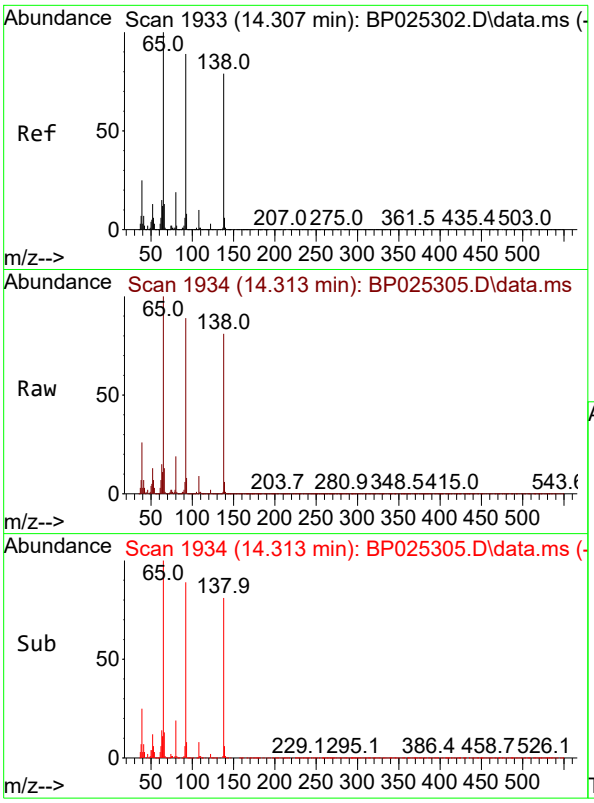


#52
Acenaphthene
Concen: 77.379 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:154 Resp: 3405740

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.4	134.0
152	53.3	43.0	64.6

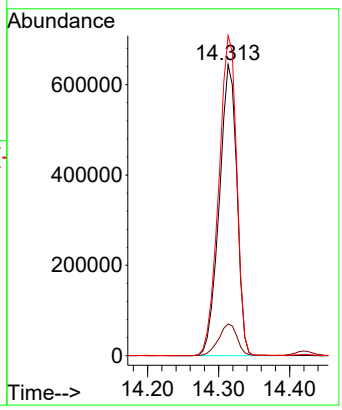




#53
3-Nitroaniline
Concen: 91.252 ng
RT: 14.313 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:138 Resp: 110470

Ion	Ratio	Lower	Upper
138	100		
108	10.9	10.5	15.7
92	109.9	90.9	136.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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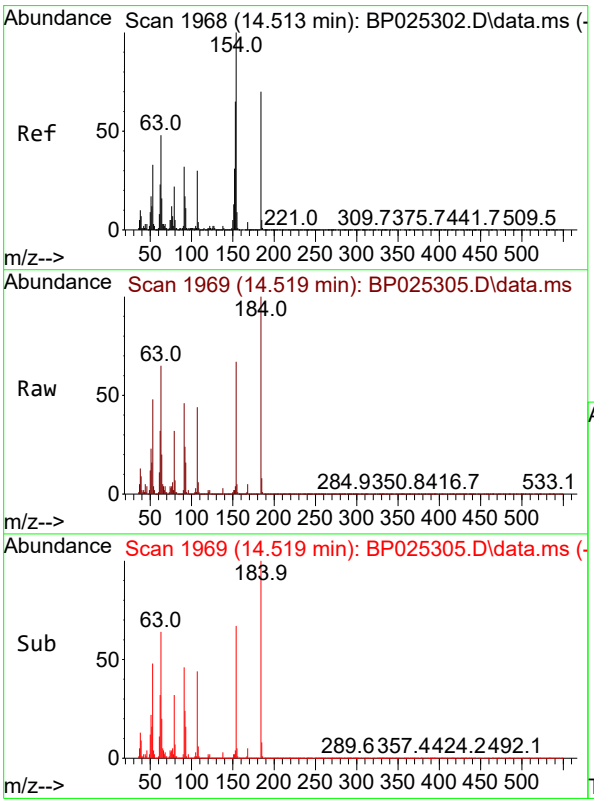
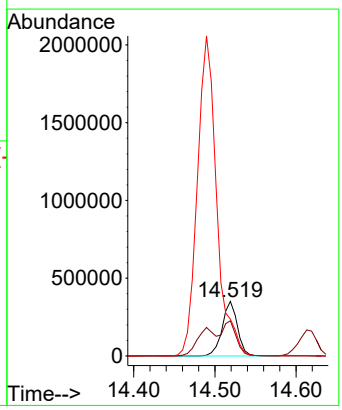
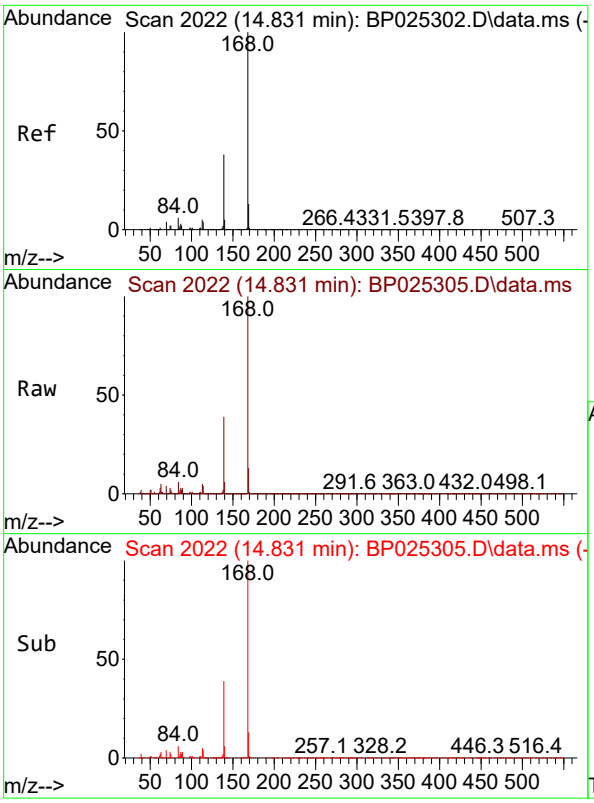


#54
2,4-Dinitrophenol
Concen: 79.662 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:184 Resp: 457765

Ion	Ratio	Lower	Upper
184	100		
63	64.6	56.3	84.5
154	67.5	124.5	186.7#

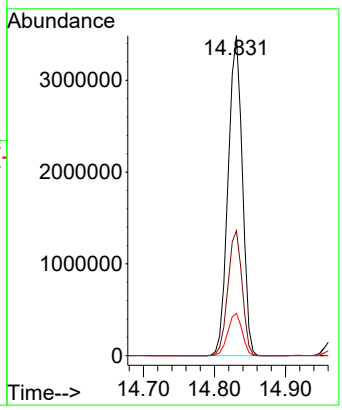




#55
Dibenzofuran
Concen: 73.640 ng
RT: 14.831 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:168 Resp: 484360

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.5	45.7
169	13.3	10.6	15.8



Instrument :
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ClientSampleId :
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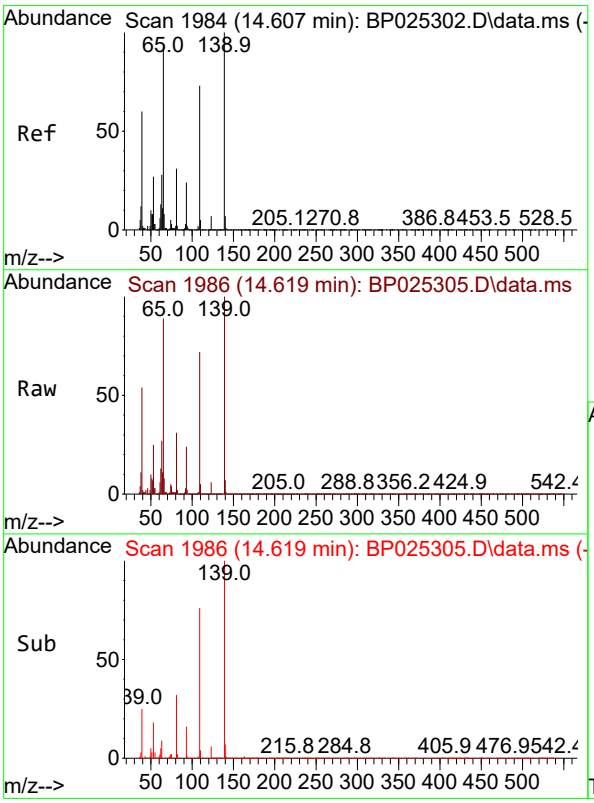
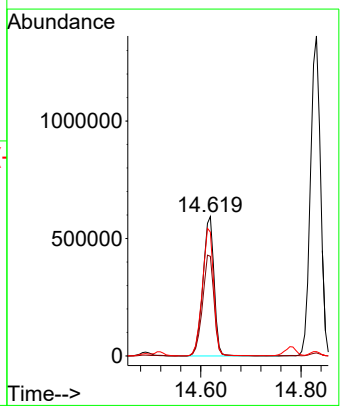
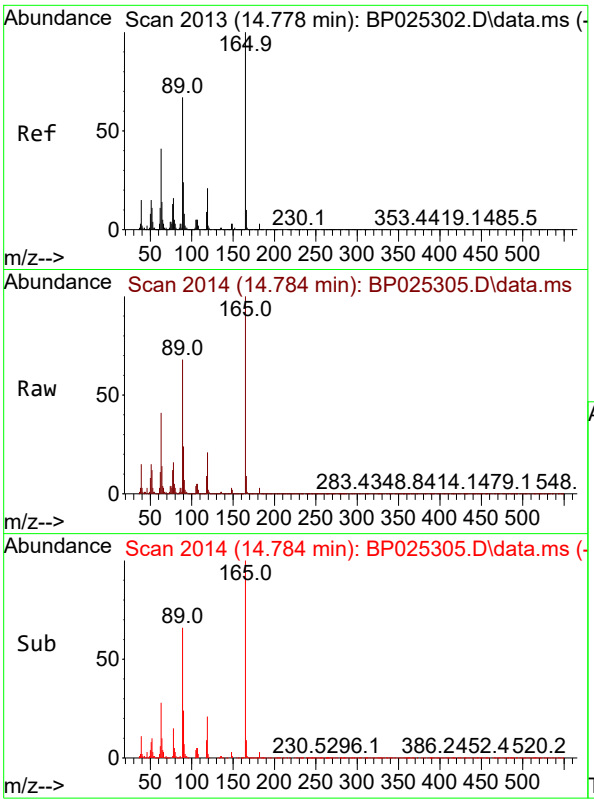


#56
4-Nitrophenol
Concen: 85.952 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:139 Resp: 918340

Ion	Ratio	Lower	Upper
139	100		
109	71.5	52.7	92.7
65	88.9	73.4	113.4

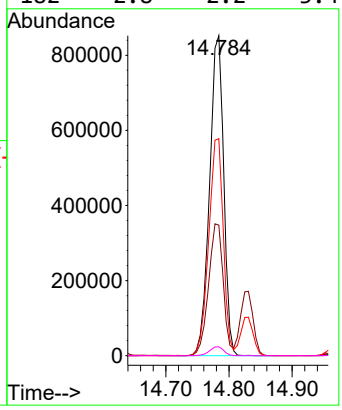




#57
2,4-Dinitrotoluene
Concen: 80.213 ng
RT: 14.784 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:165 Resp: 132402

Ion	Ratio	Lower	Upper
165	100		
63	40.8	33.2	49.8
89	67.8	53.5	80.3
182	2.8	2.2	3.4



Instrument :
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ClientSampleId :
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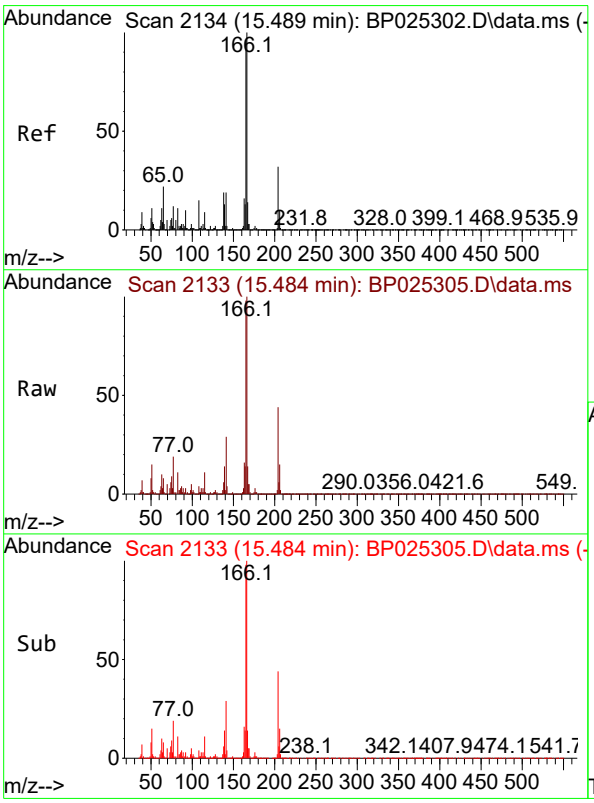
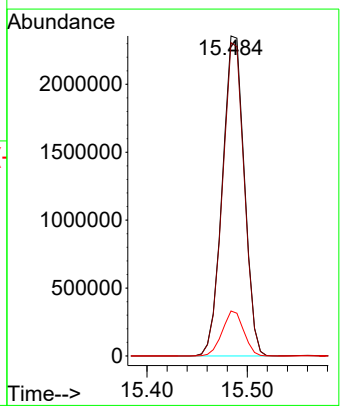
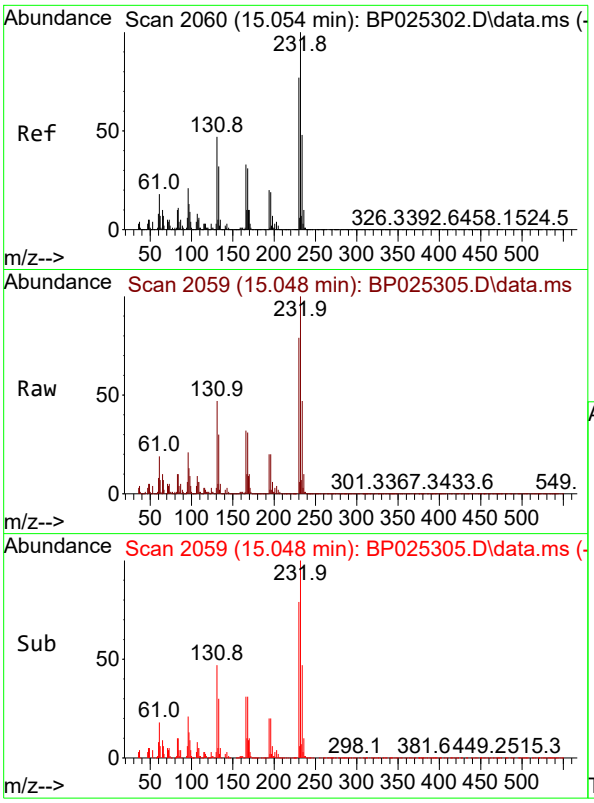


#58
Fluorene
Concen: 69.303 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:166 Resp: 3580163

Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.7	115.1
167	14.0	10.9	16.3

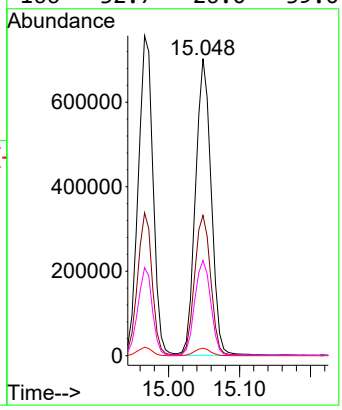




#59
2,3,4,6-Tetrachlorophenol
Concen: 84.394 ng
RT: 15.048 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:232 Resp: 107947

Ion	Ratio	Lower	Upper
232	100		
131	48.6	39.3	58.9
130	2.6	2.2	3.2
166	32.7	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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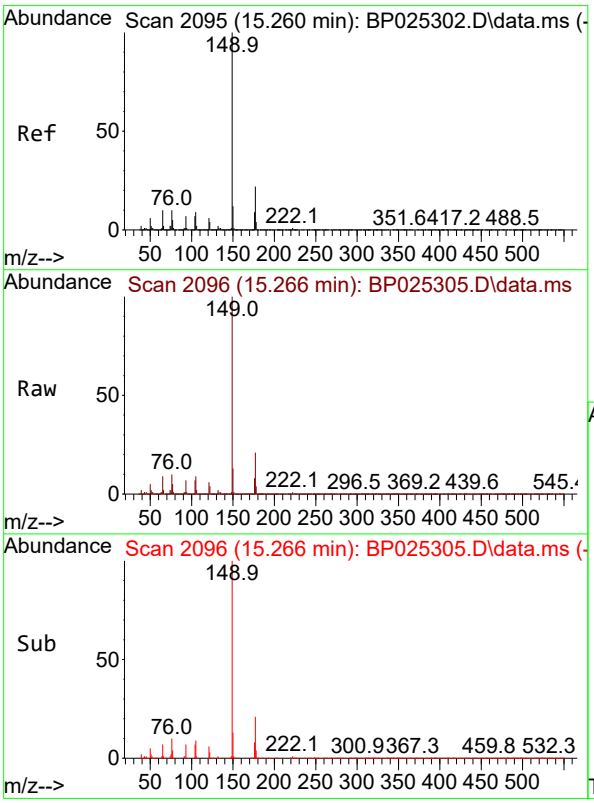
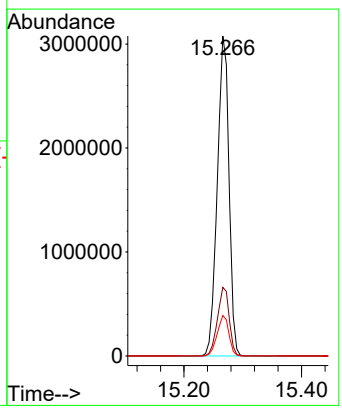
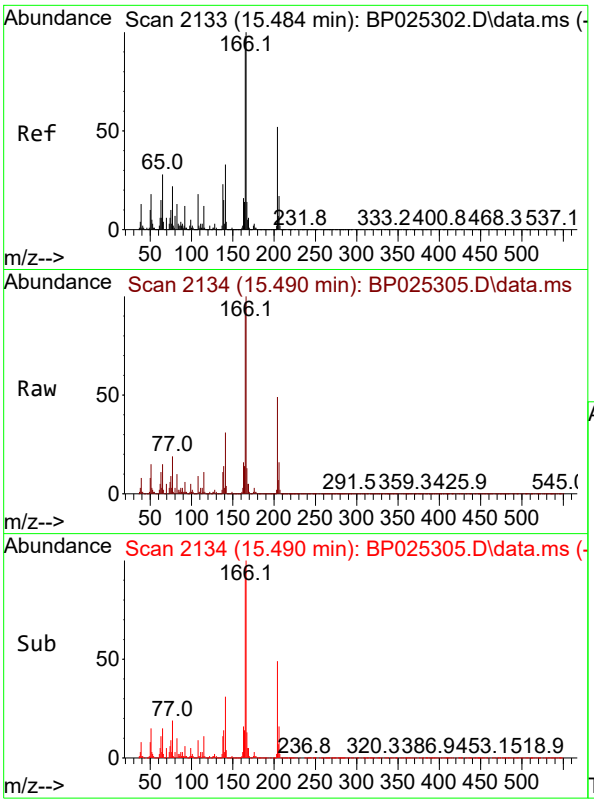


#60
Diethylphthalate
Concen: 75.138 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:149 Resp: 4248904

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.6	9.8	14.8

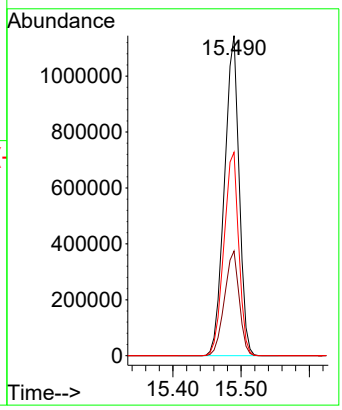




#61
4-Chlorophenyl-phenylether
Concen: 70.093 ng
RT: 15.490 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:204 Resp: 171662

Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.0	40.4
141	63.6	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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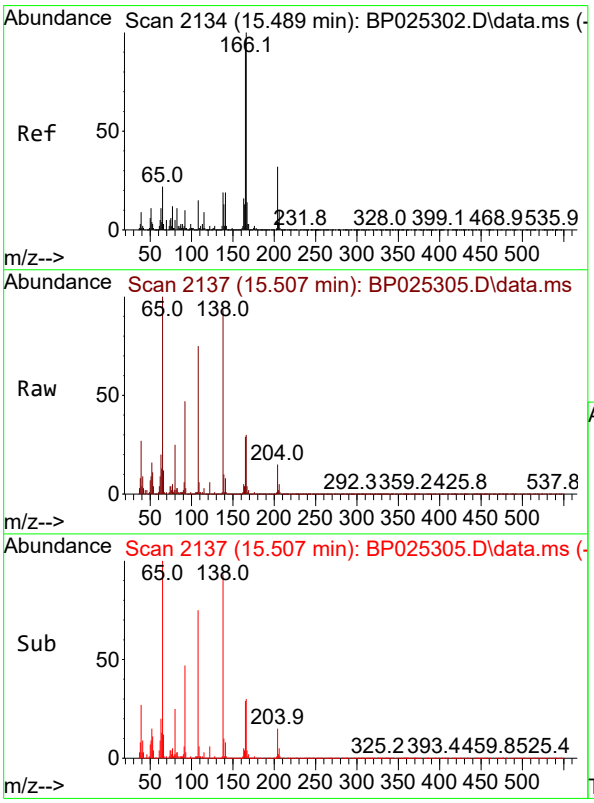
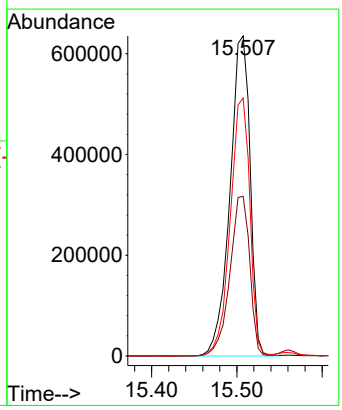
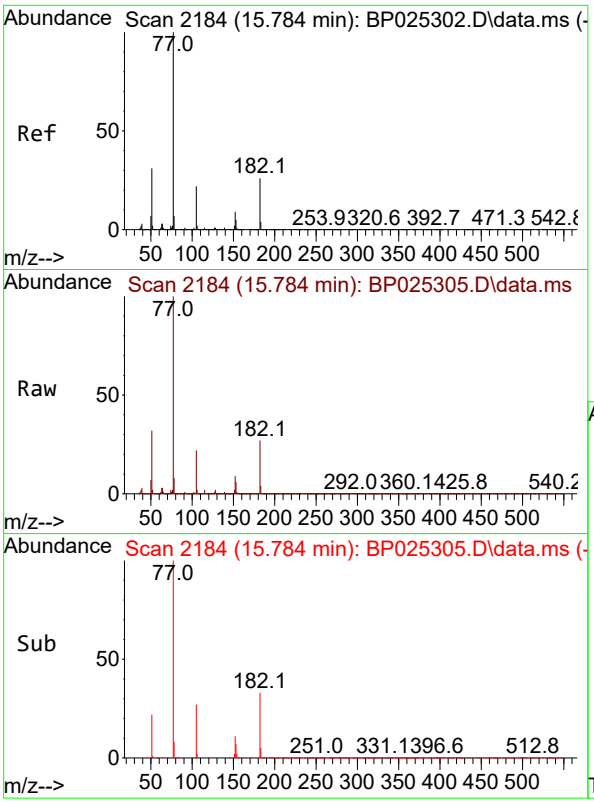


#62
4-Nitroaniline
Concen: 86.933 ng
RT: 15.507 min Scan# 2137
Delta R.T. 0.018 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:138 Resp: 1042796

Ion	Ratio	Lower	Upper
138	100		
92	49.9	29.8	69.8
108	80.5	56.6	96.6

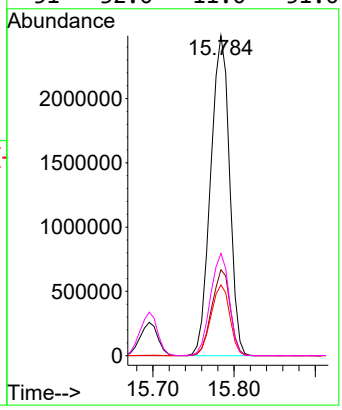




#63
Azobenzene
Concen: 76.490 ng
RT: 15.784 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion: 77 Resp: 401824

Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.0	46.0
105	22.1	2.1	42.1
51	32.0	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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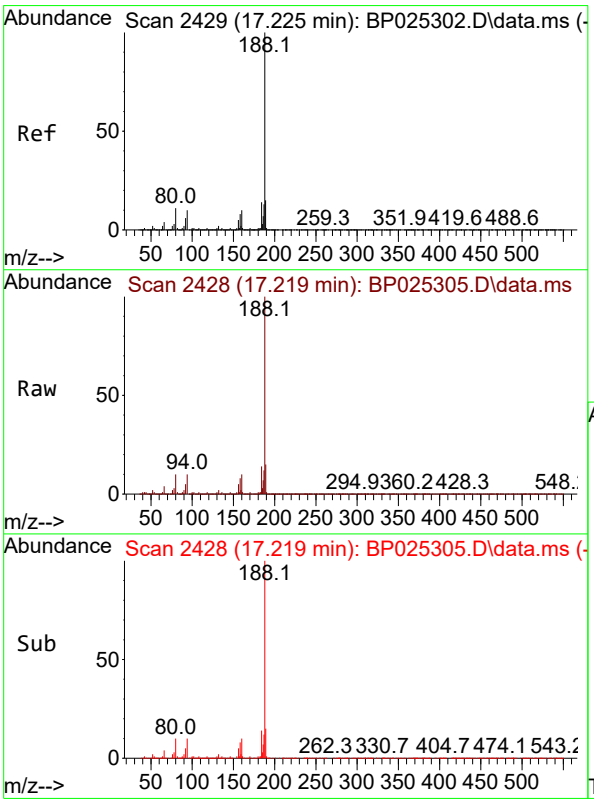
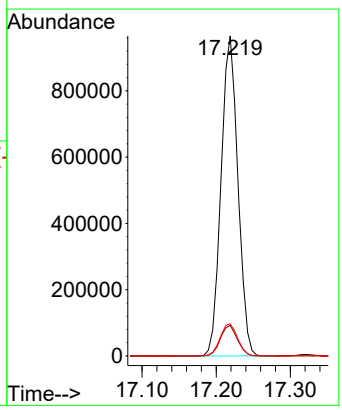
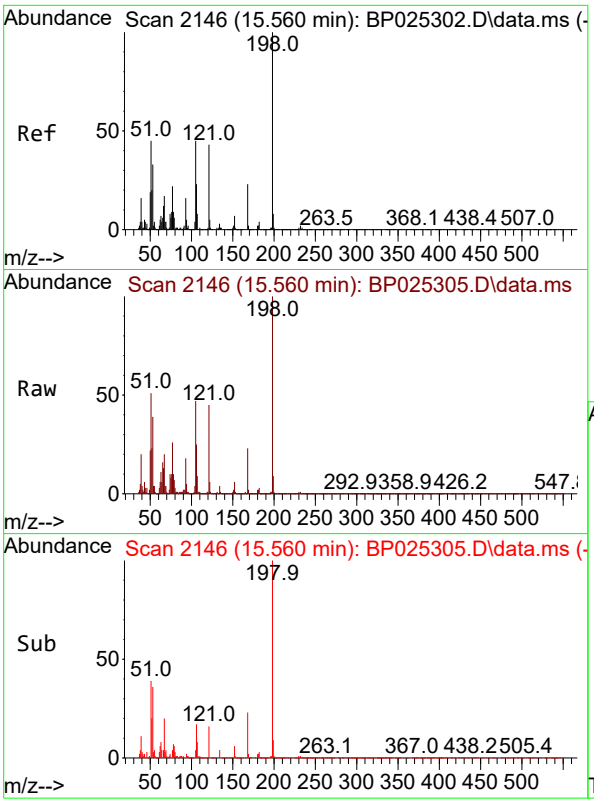


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:188 Resp: 1520824

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.0	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 78.886 ng
RT: 15.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:198 Resp: 65349

Ion	Ratio	Lower	Upper
198	100		
51	51.2	26.7	66.7
105	47.2	25.6	65.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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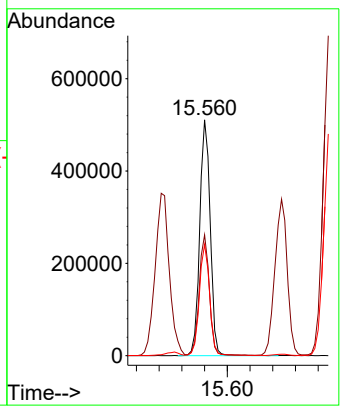
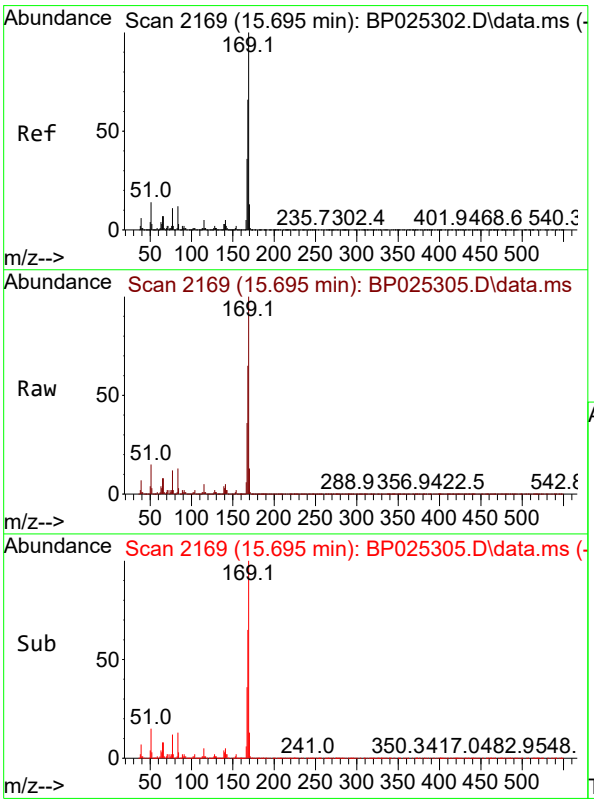
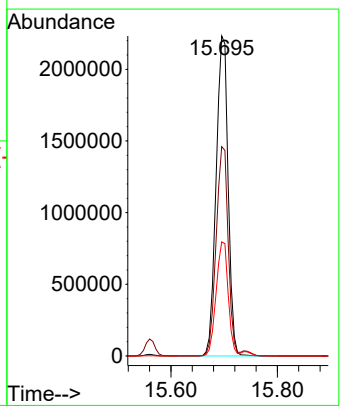


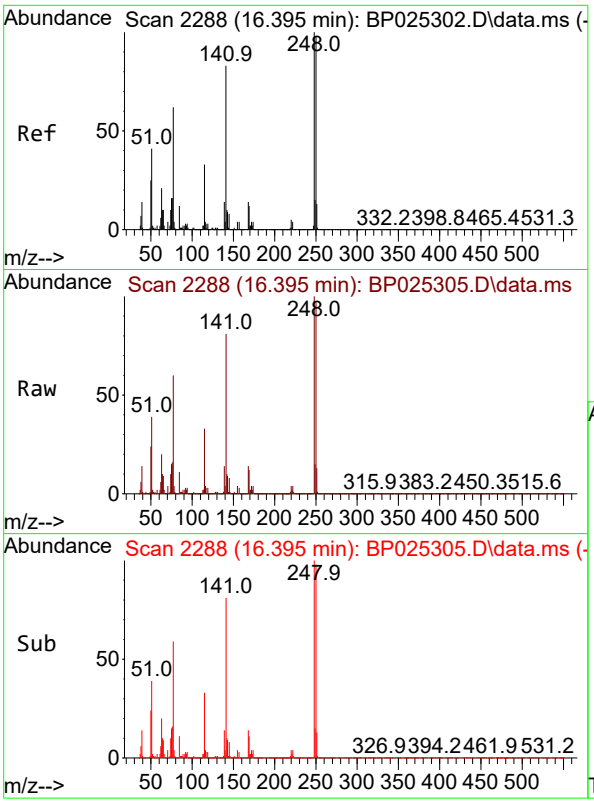


#66
n-Nitrosodiphenylamine
Concen: 75.135 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:169 Resp: 3479218

Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.8	79.2
167	35.7	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 76.943 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 117739

Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.6	117.8
141	81.0	66.6	99.8

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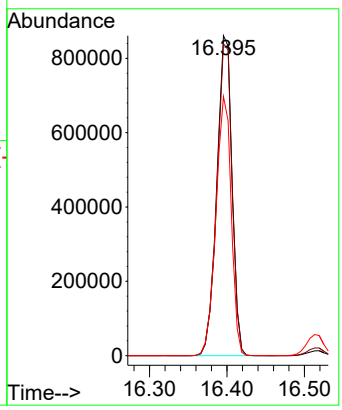
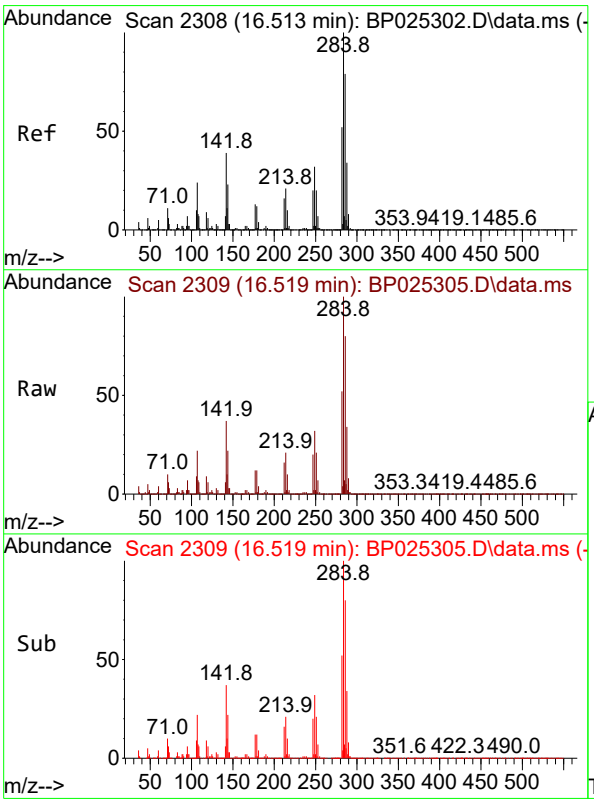
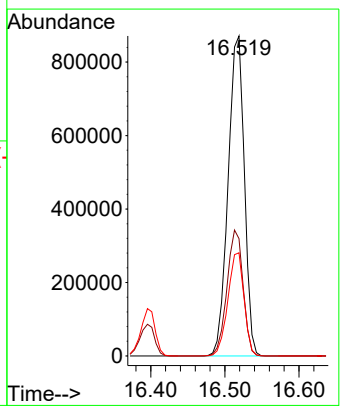


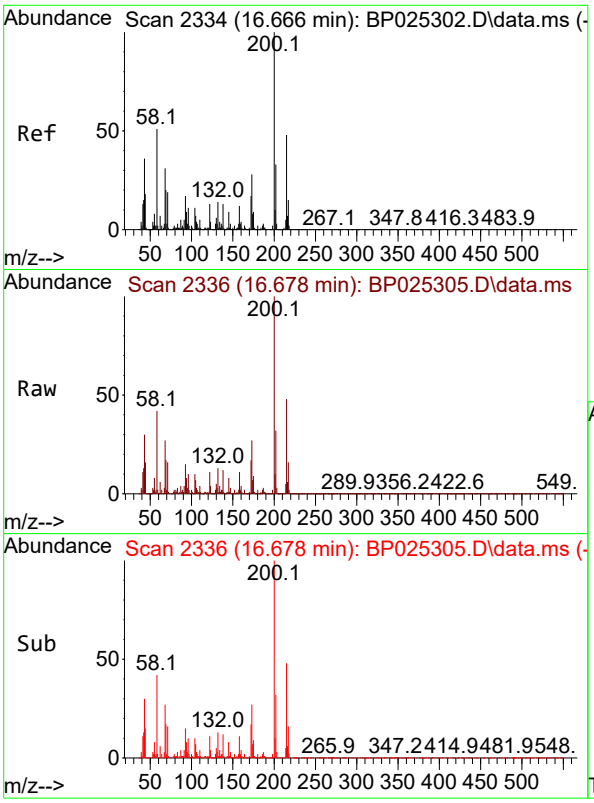


#68
Hexachlorobenzene
Concen: 77.280 ng
RT: 16.519 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:284 Resp: 1326894

Ion	Ratio	Lower	Upper
284	100		
142	36.6	30.8	46.2
249	32.2	25.4	38.0

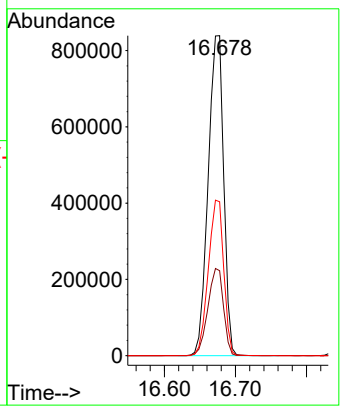




#69
Atrazine
Concen: 78.187 ng
RT: 16.678 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:200 Resp: 127325

Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.2	48.2
215	48.1	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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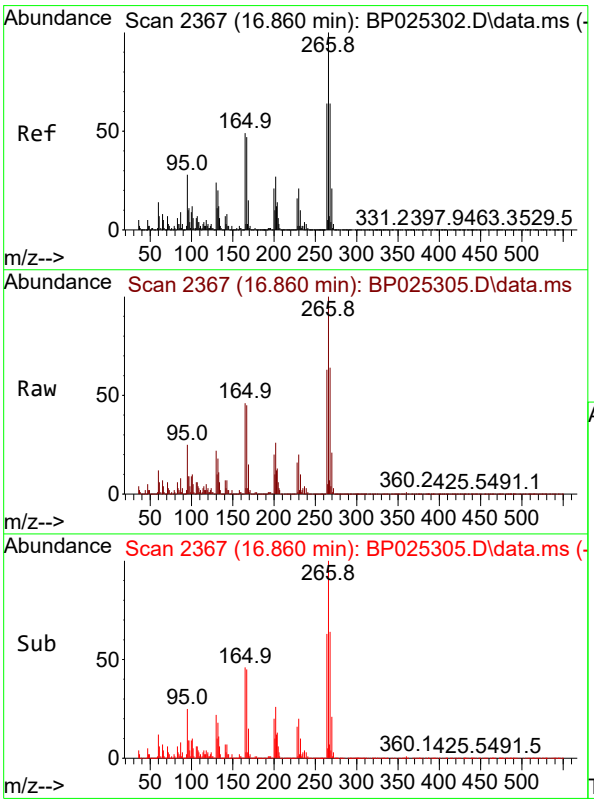
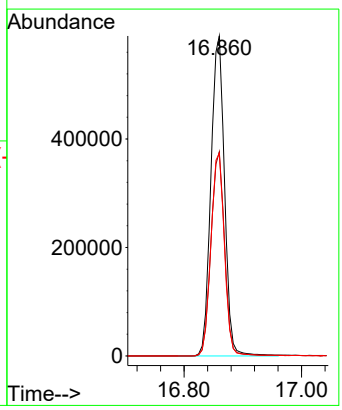
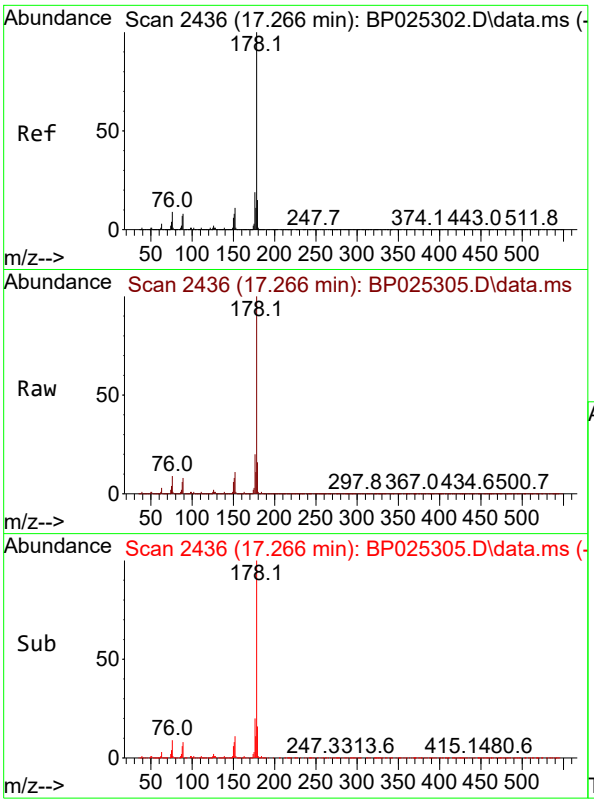


#70
Pentachlorophenol
Concen: 86.531 ng
RT: 16.860 min Scan# 2367
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:266 Resp: 946571

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.4	77.0
264	63.4	51.1	76.7

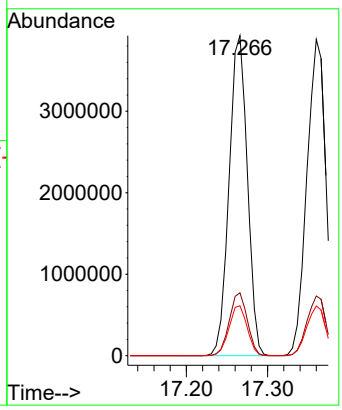




#71
Phenanthrene
Concen: 73.575 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:178 Resp: 612856

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.6	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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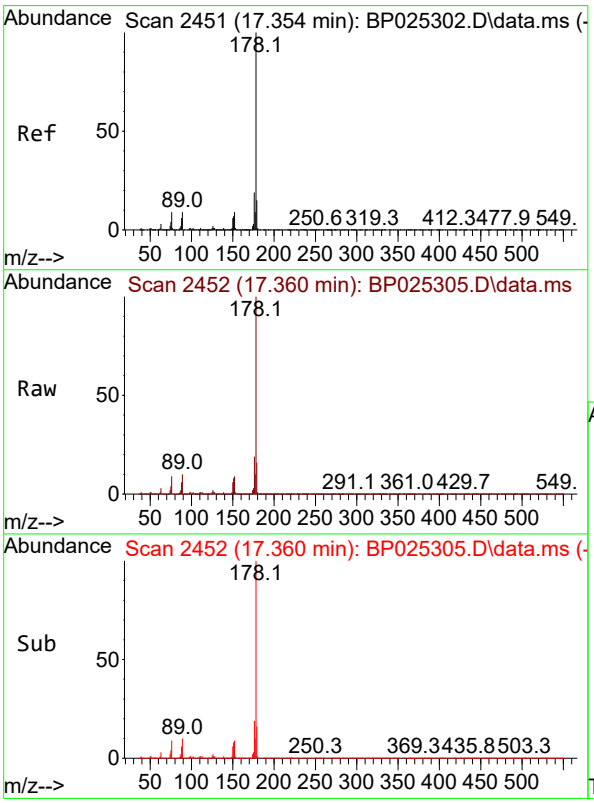
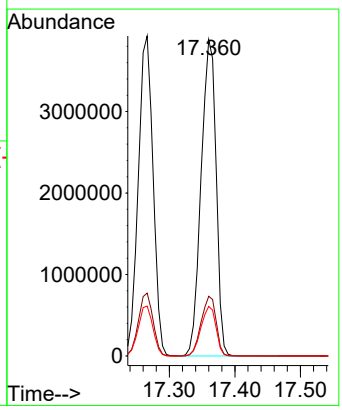
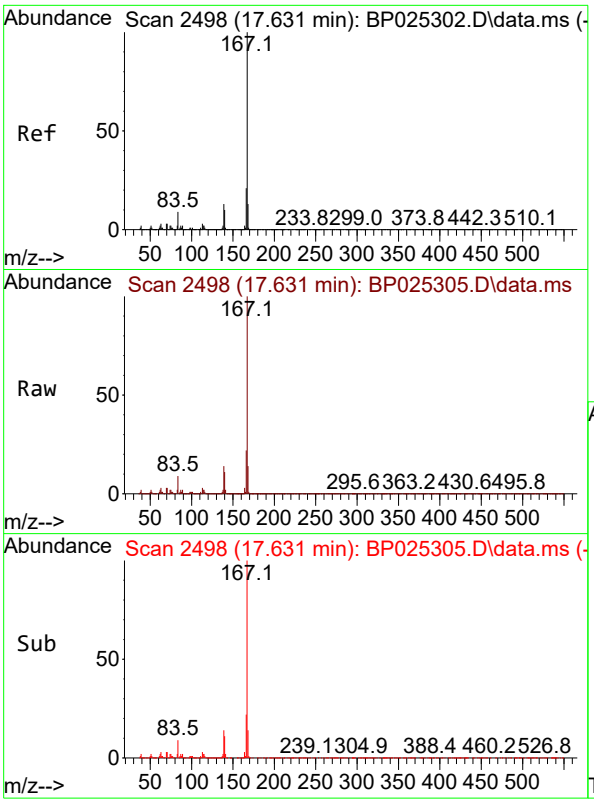


#72
Anthracene
Concen: 73.651 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:178 Resp: 6185852

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.7	12.3	18.5

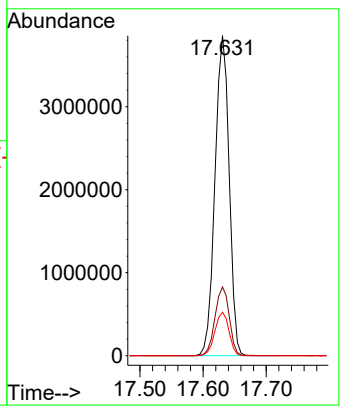




#73
Carbazole
Concen: 74.355 ng
RT: 17.631 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:167 Resp: 599470

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.6	10.6	16.0



Instrument :
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ClientSampleId :
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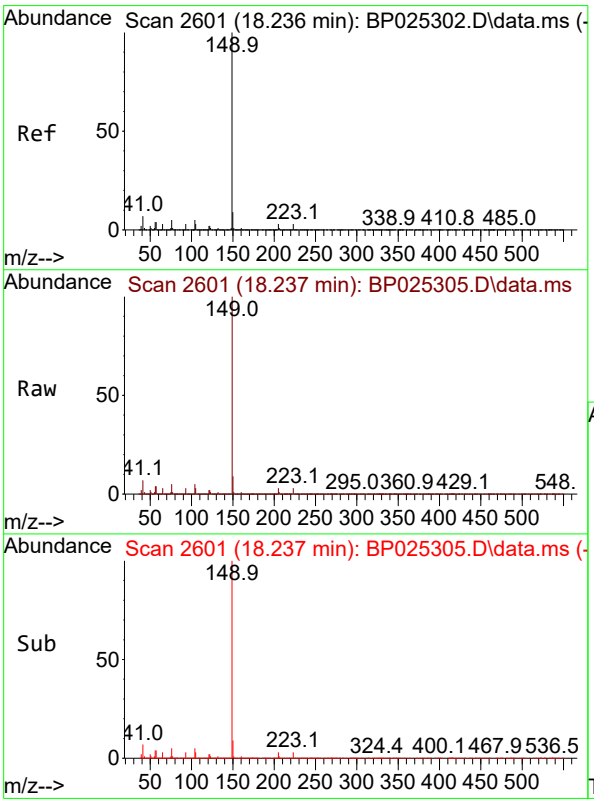
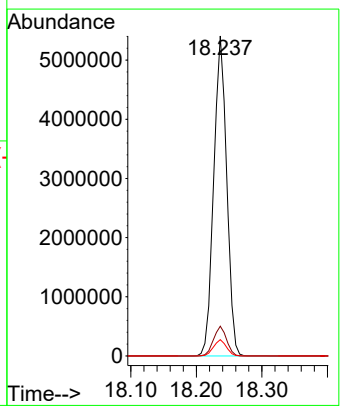
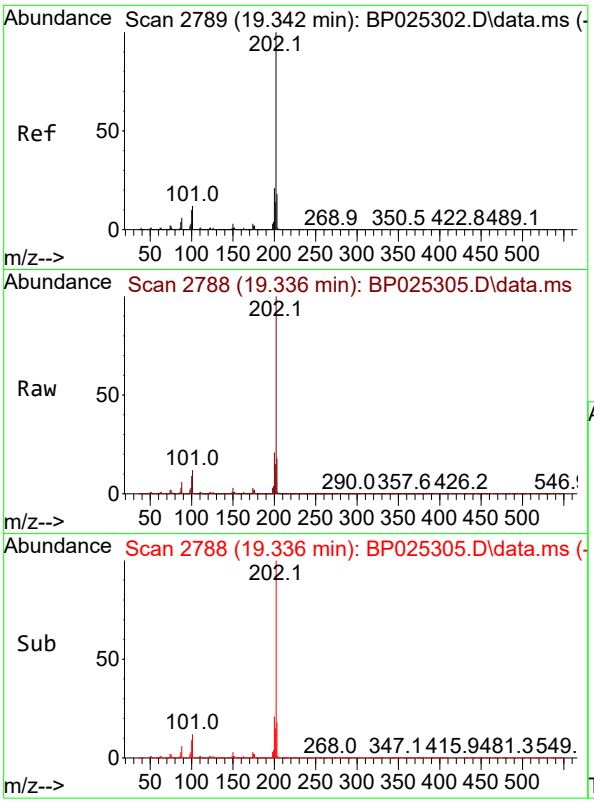


#74
Di-n-butylphthalate
Concen: 76.144 ng
RT: 18.237 min Scan# 2601
Delta R.T. 0.001 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:149 Resp: 7426722

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.1	4.1	6.1

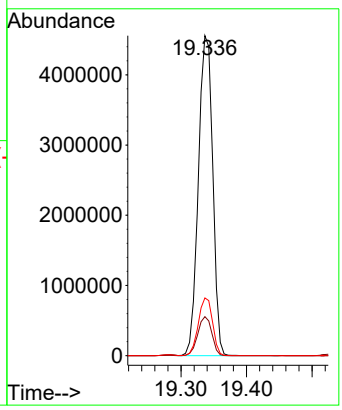




#75
Fluoranthene
Concen: 72.098 ng
RT: 19.336 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:202 Resp: 695215

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.5
203	18.0	0.0	37.6



Instrument :
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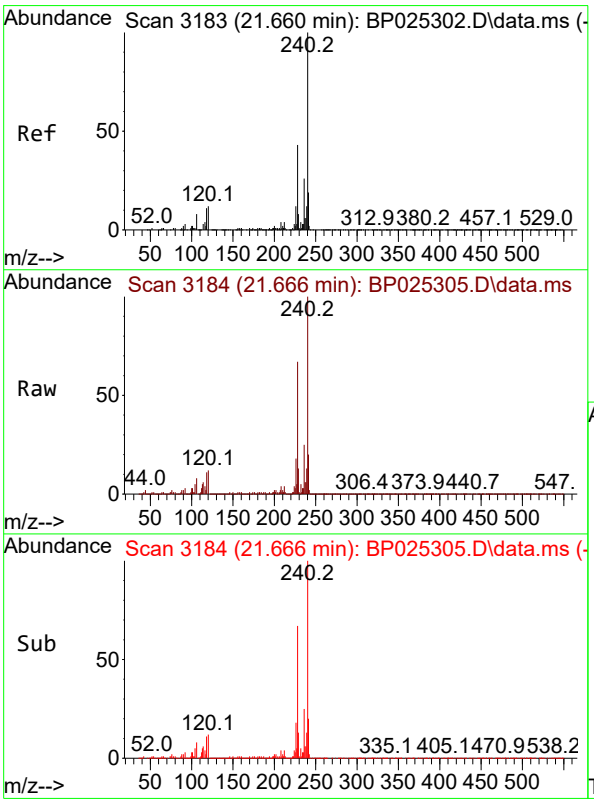
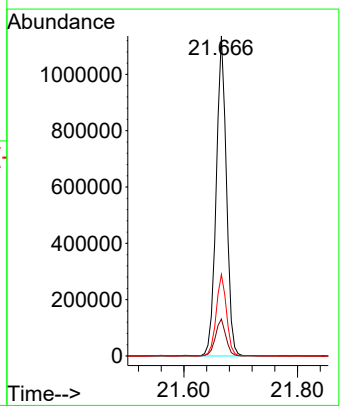
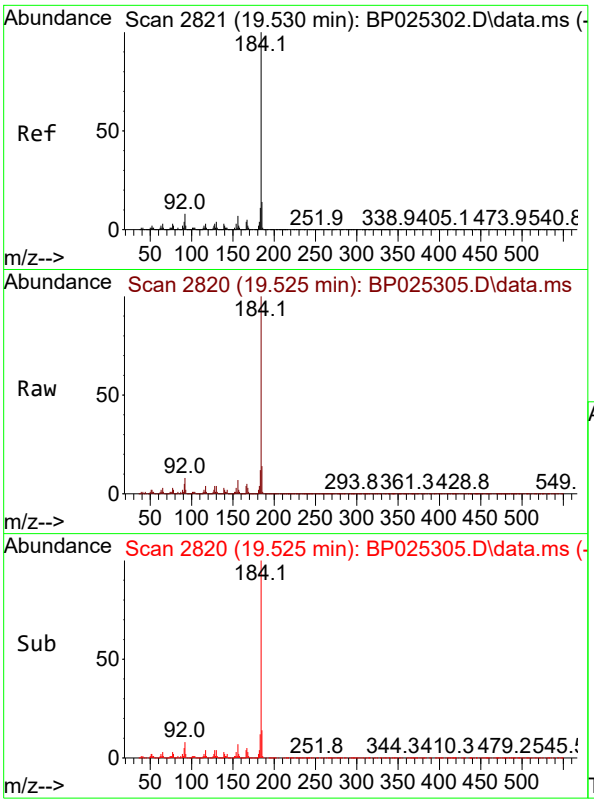


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:240 Resp: 1412527

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	25.5	20.4	30.6

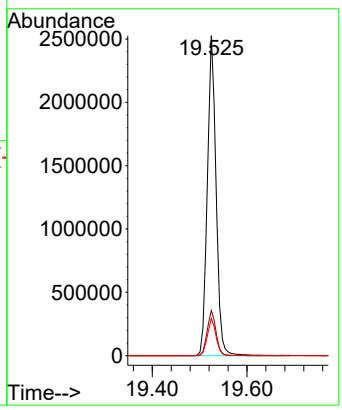




#77
Benzidine
Concen: 63.462 ng
RT: 19.525 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:184 Resp: 3244549

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.6
183	11.7	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
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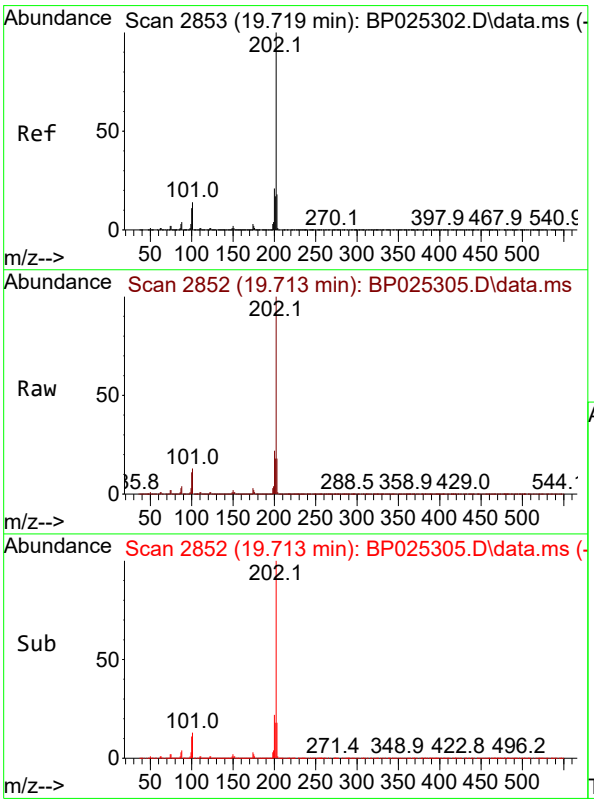
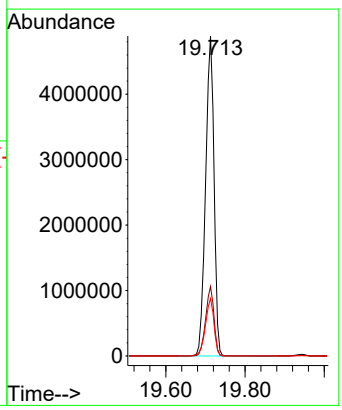
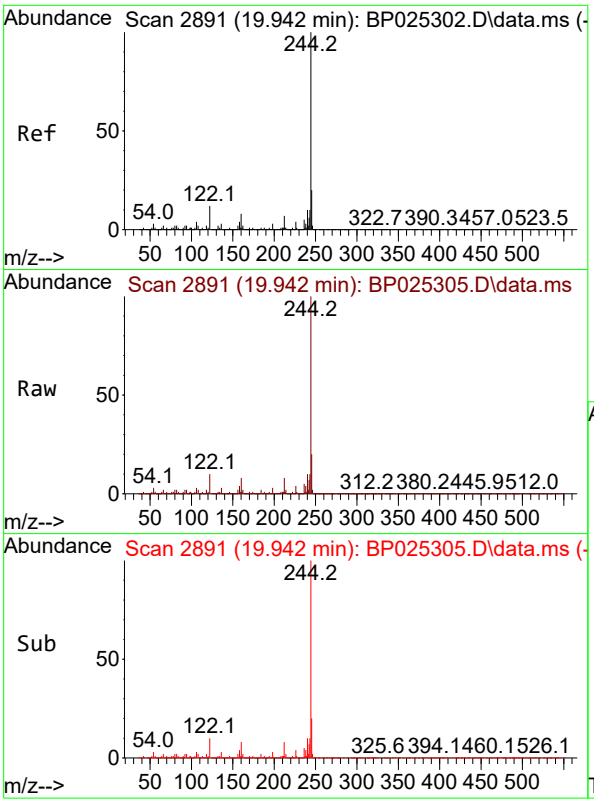


#78
Pyrene
Concen: 77.104 ng
RT: 19.713 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:202 Resp: 7242380

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	18.0	14.1	21.1

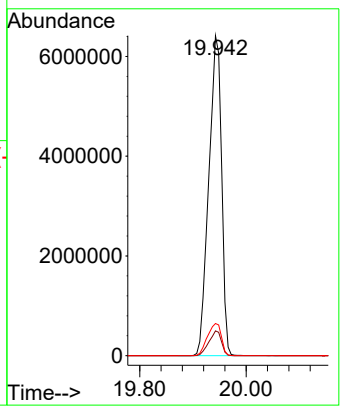




#79
Terphenyl-d14
Concen: 143.182 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:244 Resp:1070569

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.1	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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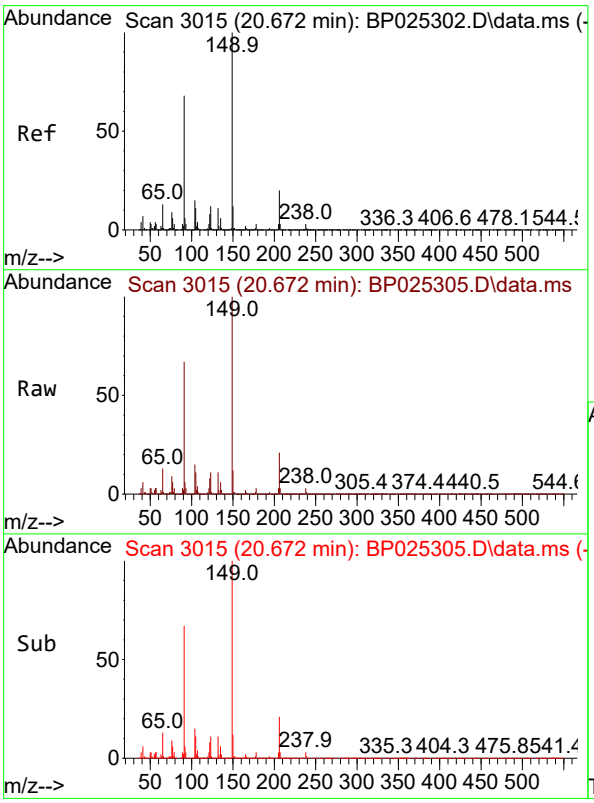
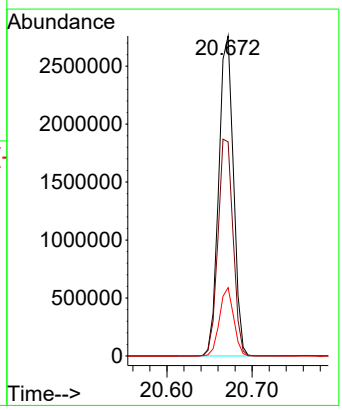
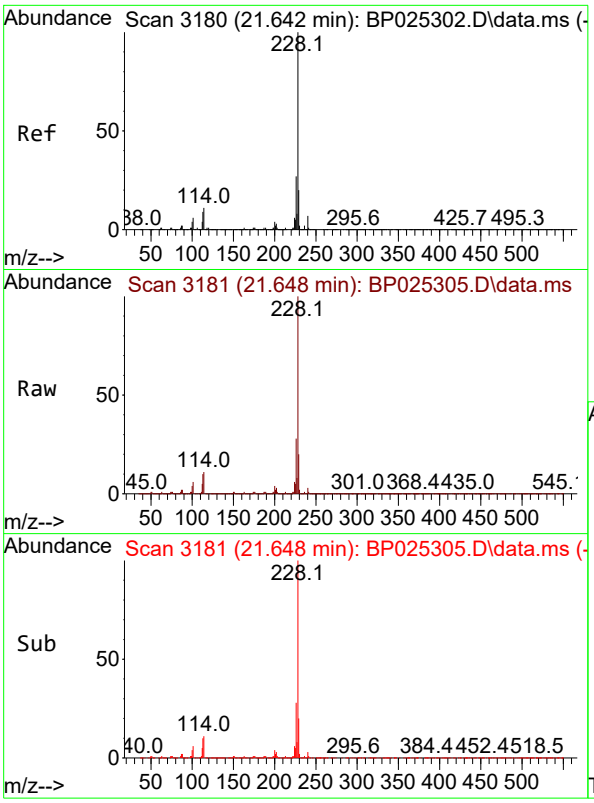


#80
Butylbenzylphthalate
Concen: 86.846 ng
RT: 20.672 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:149 Resp: 3308374

Ion	Ratio	Lower	Upper
149	100		
91	66.9	54.7	82.1
206	21.4	16.4	24.6

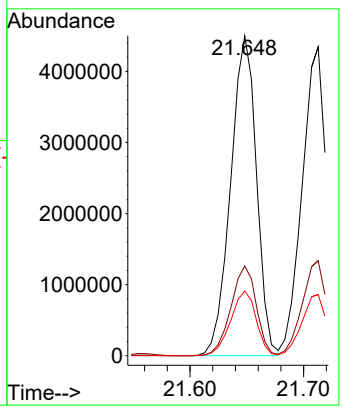




#81
Benzo(a)anthracene
Concen: 75.830 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:228 Resp: 711786

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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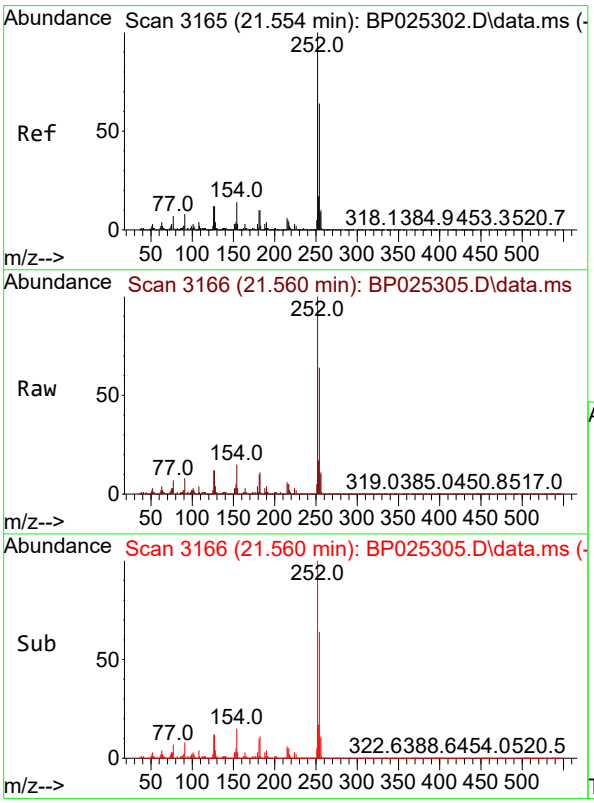
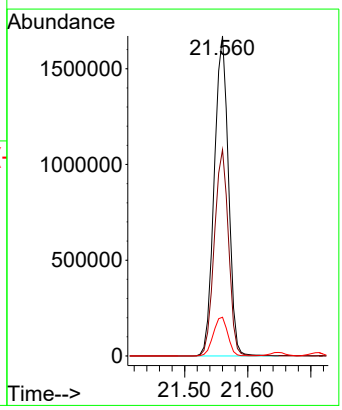
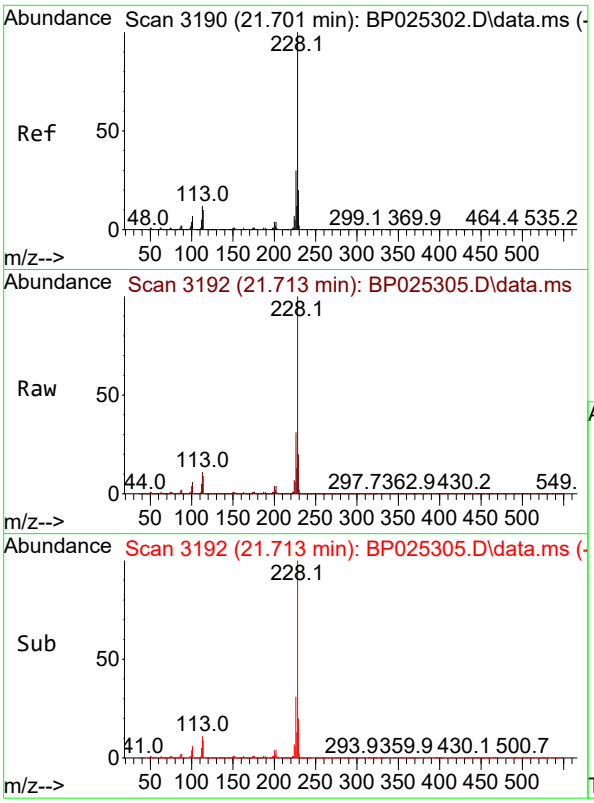


#82
3,3'-Dichlorobenzidine
Concen: 78.640 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:252 Resp: 2604409

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.0	76.6
126	12.1	9.4	14.2

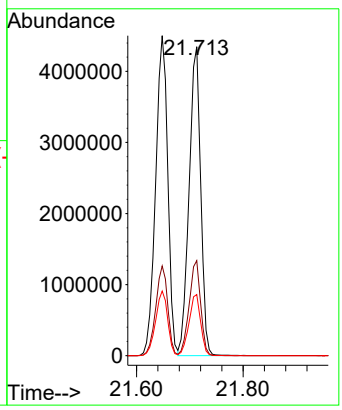




#83
Chrysene
Concen: 75.596 ng
RT: 21.713 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:228 Resp: 658149

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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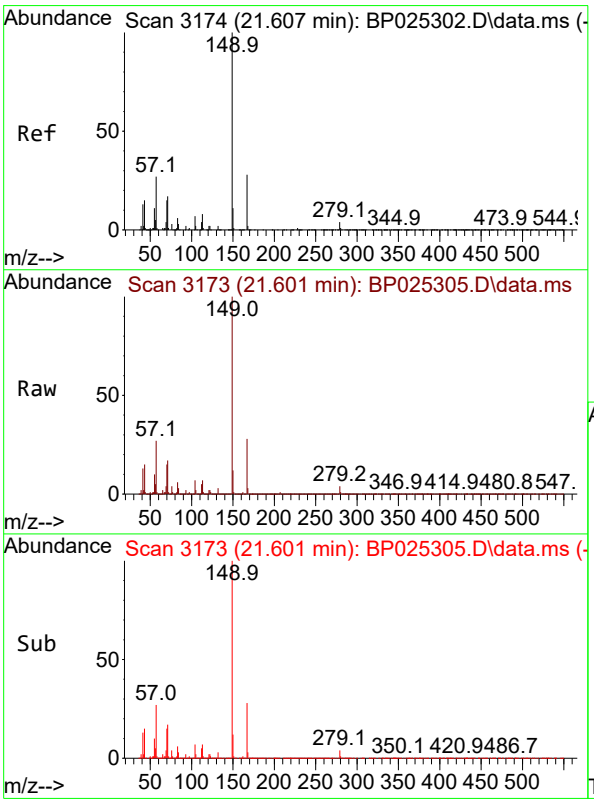
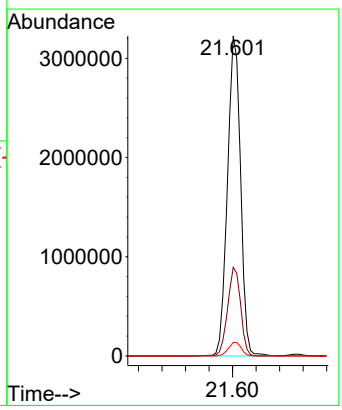
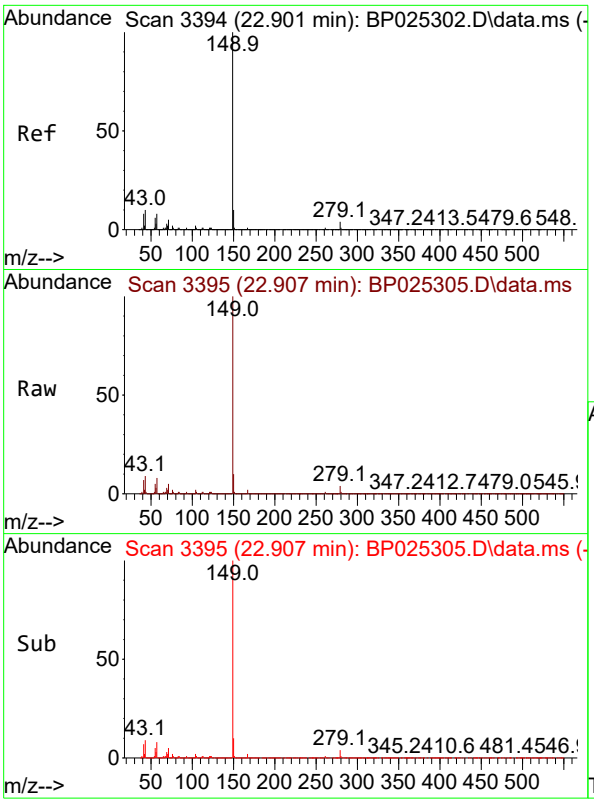


#84
Bis(2-ethylhexyl)phthalate
Concen: 81.923 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:149 Resp: 4983234

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	4.2	3.4	5.2

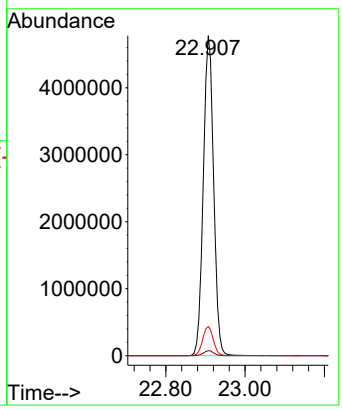




#85
Di-n-octyl phthalate
Concen: 84.688 ng
RT: 22.907 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:149 Resp: 862261

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.9	11.9



Instrument :
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ClientSampleId :
SSTDICC080

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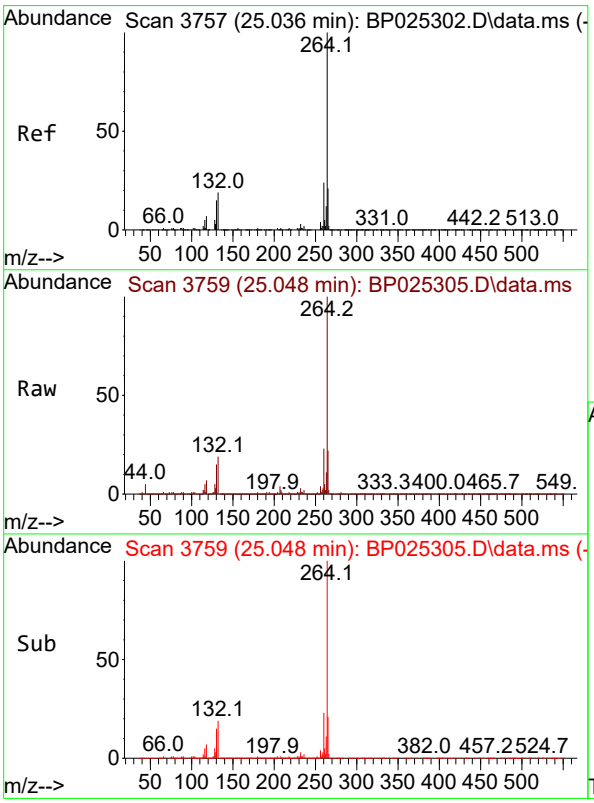
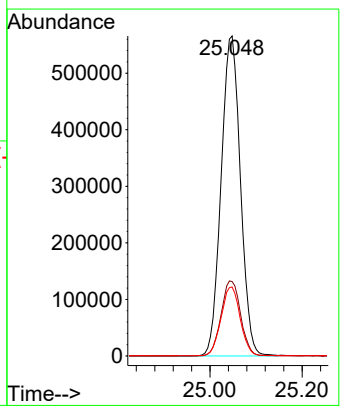
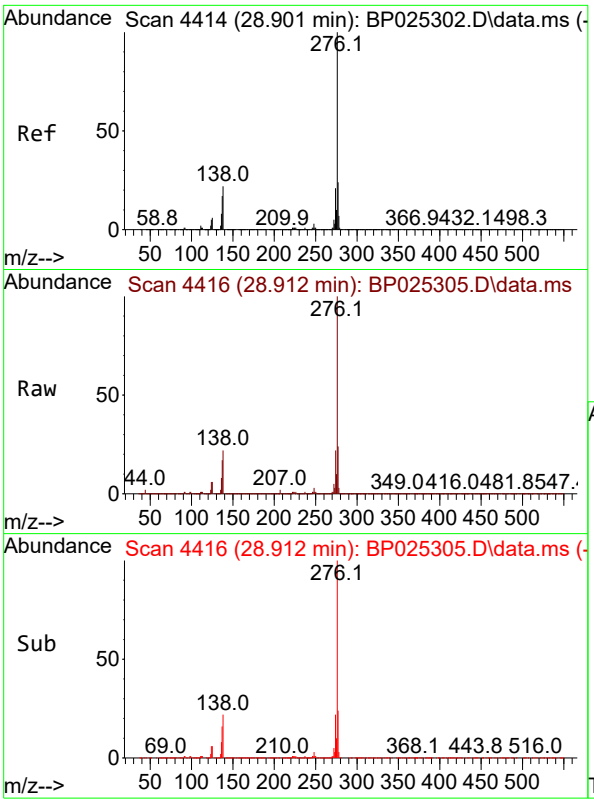


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.048 min Scan# 3759
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:264 Resp: 1639865

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.1	25.7

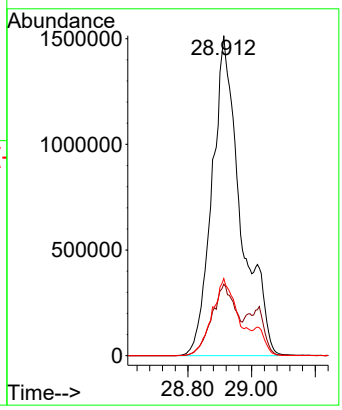




#87
Indeno(1,2,3-cd)pyrene
Concen: 80.231 ng m
RT: 28.912 min Scan# 4
Delta R.T. 0.011 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:276 Resp: 944431

Ion	Ratio	Lower	Upper
276	100		
138	18.9	14.6	22.0
277	21.9	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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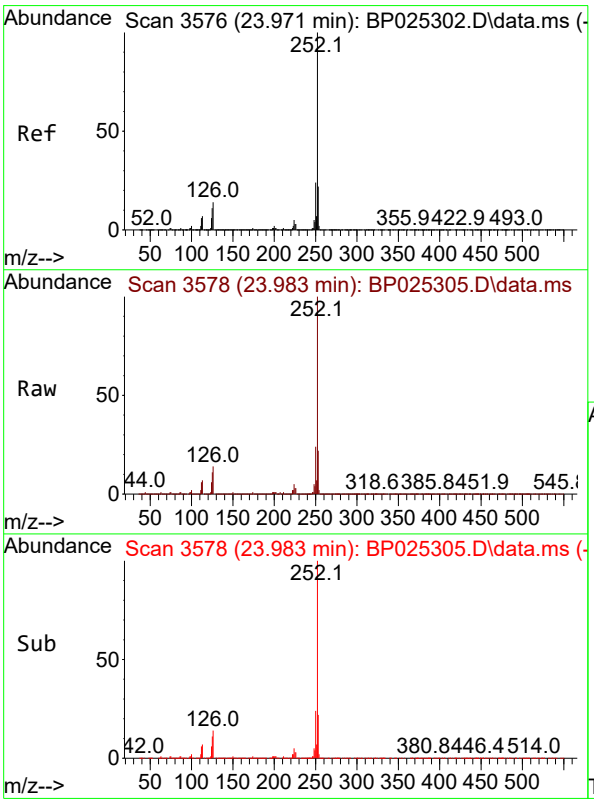
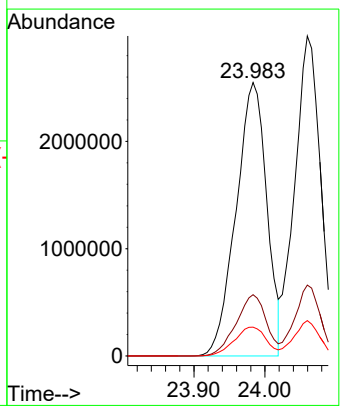
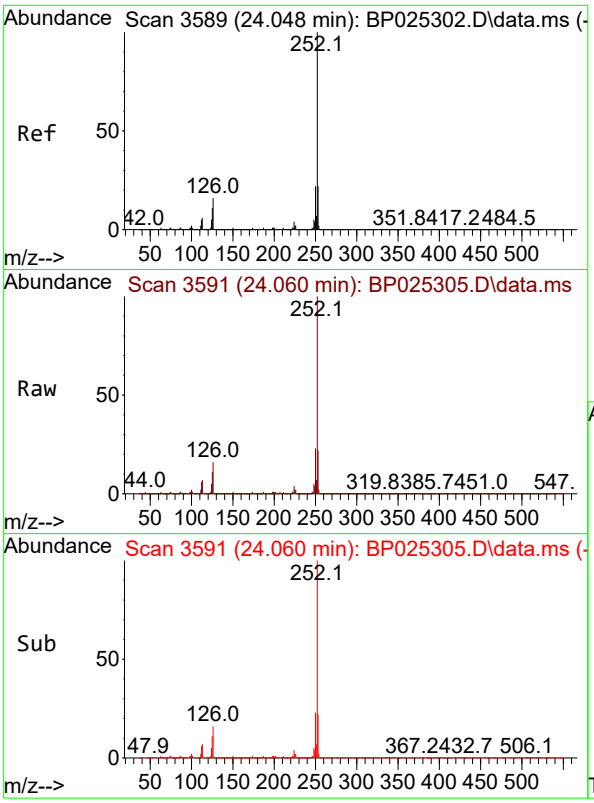


#88
Benzo(b)fluoranthene
Concen: 78.064 ng
RT: 23.983 min Scan# 3578
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:252 Resp: 7663180

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.6	8.5	12.7

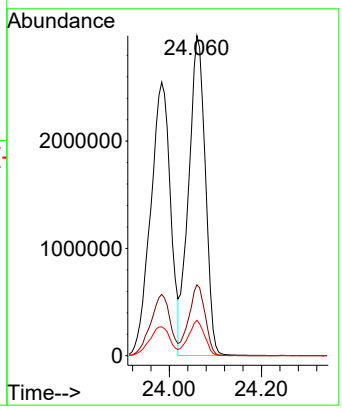




#89
Benzo(k)fluoranthene
Concen: 76.787 ng
RT: 24.060 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:252 Resp: 747241

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.0	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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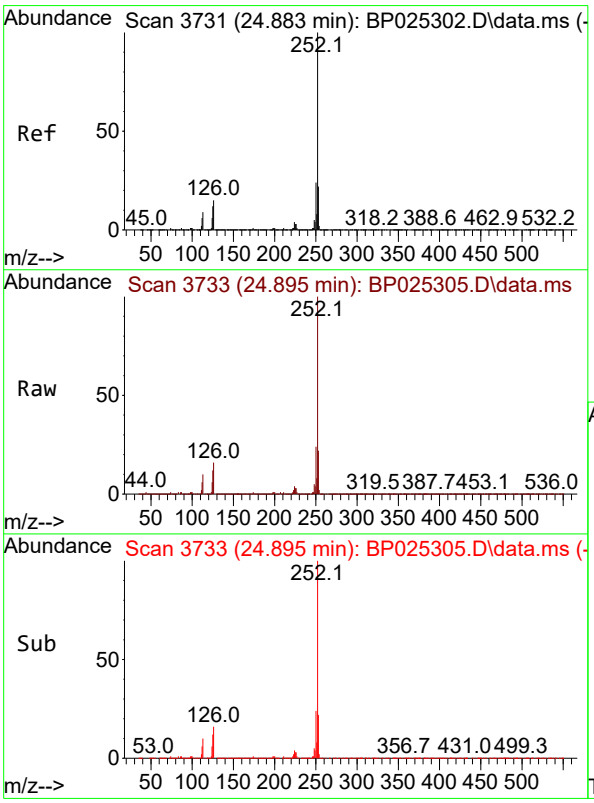
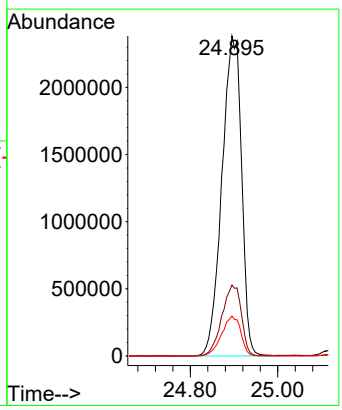
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

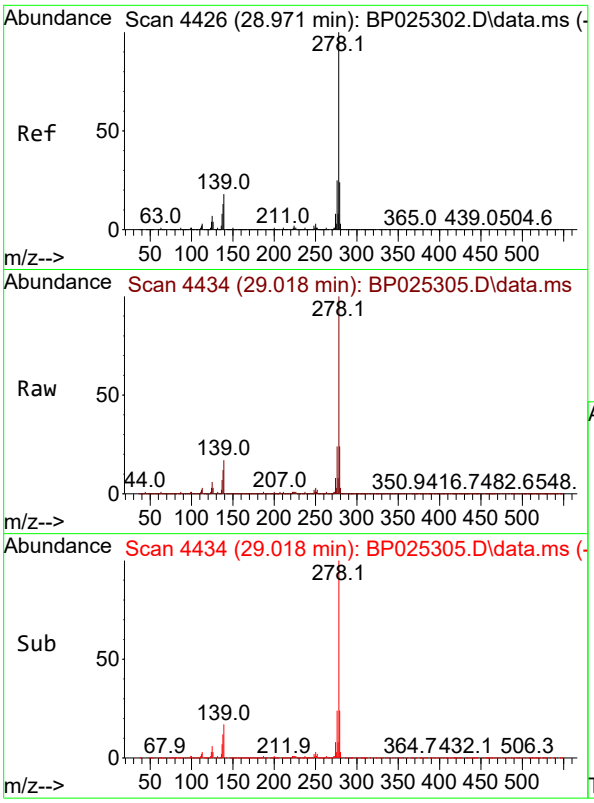


#90
Benzo(a)pyrene
Concen: 78.309 ng
RT: 24.895 min Scan# 3733
Delta R.T. 0.012 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:252 Resp: 7402973

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	12.4	9.4	14.0

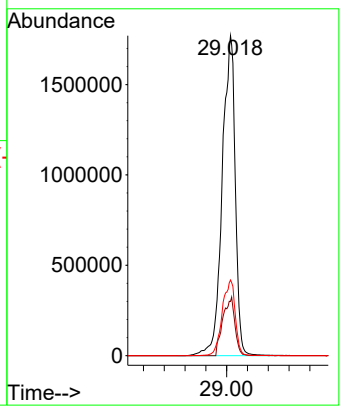




#91
Dibenzo(a,h)anthracene
Concen: 80.082 ng
RT: 29.018 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:278 Resp: 770895

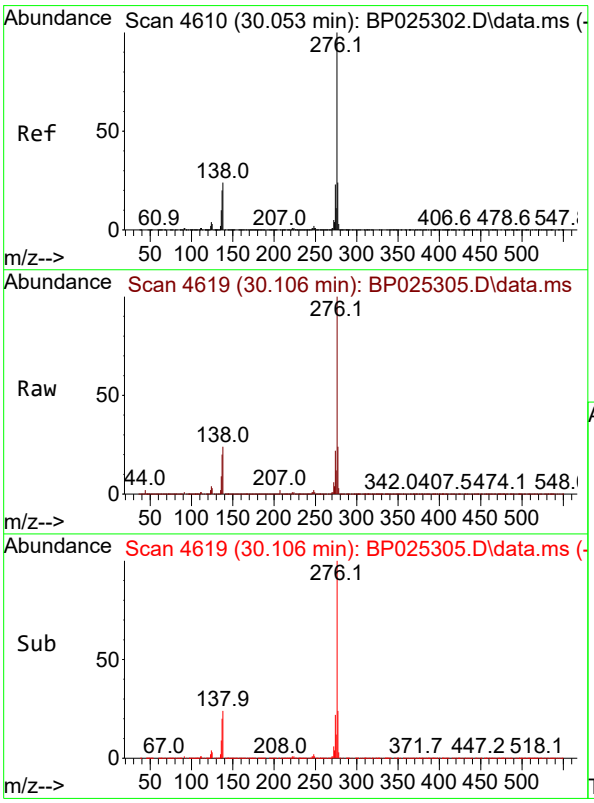
Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.6	22.0
279	23.7	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

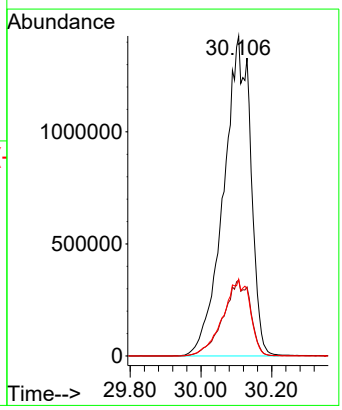
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 80.324 ng m
RT: 30.106 min Scan# 4619
Delta R.T. 0.053 min
Lab File: BP025305.D
Acq: 05 Aug 2025 16:51

Tgt Ion:276 Resp: 7590772

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	24.0	19.1	28.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	275520	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1222241	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	802996	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1605717	20.000	ng	-0.01
76) Chrysene-d12	21.666	240	1565231	20.000	ng	0.00
86) Perylene-d12	25.042	264	1730065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1181310	68.960	ng	0.00
7) Phenol-d6	6.966	99	1590709	70.557	ng	0.00
23) Nitrobenzene-d5	8.943	82	1586597	71.916	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	618969	77.267	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	3743672	64.394	ng	0.00
79) Terphenyl-d14	19.936	244	5251220	63.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	221468	32.761	ng	99
3) Pyridine	3.725	79	674974	35.938	ng	99
4) n-Nitrosodimethylamine	3.637	42	315629	36.198	ng	97
6) Aniline	7.131	93	1168199	37.746	ng	100
8) 2-Chlorophenol	7.366	128	716630	38.218	ng	99
9) Benzaldehyde	6.949	77	542125	33.857	ng	99
10) Phenol	6.990	94	908541	37.664	ng	100
11) bis(2-Chloroethyl)ether	7.231	93	715577	37.860	ng	99
12) 1,3-Dichlorobenzene	7.696	146	777323	36.894	ng	100
13) 1,4-Dichlorobenzene	7.837	146	790167	37.069	ng	99
14) 1,2-Dichlorobenzene	8.149	146	766897	37.139	ng	98
15) Benzyl Alcohol	8.031	79	668093	38.230	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.319	45	1098738	36.800	ng	99
17) 2-Methylphenol	8.225	107	633399	39.242	ng	98
18) Hexachloroethane	8.878	117	287484	37.712	ng	98
19) n-Nitroso-di-n-propyla...	8.596	70	578735	39.071	ng	99
20) 3+4-Methylphenols	8.549	107	858644	38.632	ng	98
22) Acetophenone	8.607	105	1158440	37.755	ng	100
24) Nitrobenzene	8.978	77	818671	39.201	ng	99
25) Isophorone	9.507	82	1701592	38.747	ng	99
26) 2-Nitrophenol	9.690	139	353273	39.528	ng	98
27) 2,4-Dimethylphenol	9.743	122	756826	37.381	ng	96
28) bis(2-Chloroethoxy)met...	9.984	93	1017512	38.088	ng	99
29) 2,4-Dichlorophenol	10.213	162	706413	39.853	ng	99
30) 1,2,4-Trichlorobenzene	10.431	180	736298	37.651	ng	100
31) Naphthalene	10.619	128	2369705	37.348	ng	99
32) Benzoic acid	9.872	122	476318	43.119	ng	96
33) 4-Chloroaniline	10.719	127	1097955	38.908	ng	99
34) Hexachlorobutadiene	10.913	225	426384	37.983	ng	98
35) Caprolactam	11.478	113	268817	39.093	ng	100
36) 4-Chloro-3-methylphenol	11.831	107	817278	39.847	ng	99
37) 2-Methylnaphthalene	12.225	142	1546620	37.660	ng	99
38) 1-Methylnaphthalene	12.443	142	1647105	38.438	ng	99
40) 1,2,4,5-Tetrachloroben...	12.595	216	806158	36.772	ng	100
41) Hexachlorocyclopentadiene	12.584	237	532962	39.389	ng	99
43) 2,4,6-Trichlorophenol	12.831	196	574283	40.551	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	637340	40.117	ng		99
46) 1,1'-Biphenyl	13.242	154	2225078	37.601	ng		100
47) 2-Chloronaphthalene	13.284	162	1670076	36.992	ng		99
48) 2-Nitroaniline	13.472	65	509511	39.111	ng		97
49) Acenaphthylene	14.131	152	2839893	37.711	ng		100
50) Dimethylphthalate	13.872	163	2210689	37.765	ng		100
51) 2,6-Dinitrotoluene	13.978	165	464068	42.979	ng		94
52) Acenaphthene	14.484	154	1741305	37.908	ng		99
53) 3-Nitroaniline	14.307	138	542330	42.925	ng		100
54) 2,4-Dinitrophenol	14.513	184	192889	44.579	ng	#	52
55) Dibenzofuran	14.819	168	2564382	37.357	ng		100
56) 4-Nitrophenol	14.613	139	459387	41.198	ng		95
57) 2,4-Dinitrotoluene	14.766	165	648337	39.363	ng		96
58) Fluorene	15.478	166	1972403	36.584	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.042	232	537674	40.516	ng		99
60) Diethylphthalate	15.260	149	2250136	38.127	ng		99
61) 4-Chlorophenyl-phenyle...	15.478	204	936379	36.635	ng		99
62) 4-Nitroaniline	15.484	138	521442	41.652	ng		98
63) Azobenzene	15.778	77	2076036	37.866	ng		99
65) 4,6-Dinitro-2-methylph...	15.548	198	293694	43.059	ng		98
66) n-Nitrosodiphenylamine	15.695	169	1831755	37.466	ng		99
67) 4-Bromophenyl-phenylether	16.389	248	612029	37.882	ng		98
68) Hexachlorobenzene	16.507	284	678667	37.437	ng		98
69) Atrazine	16.672	200	660816	38.434	ng		99
70) Pentachlorophenol	16.848	266	469548	40.655	ng		97
71) Phenanthrene	17.260	178	3218487	36.596	ng		99
72) Anthracene	17.354	178	3374425	38.053	ng		100
73) Carbazole	17.625	167	3142276	36.915	ng		99
74) Di-n-butylphthalate	18.236	149	4081711	39.636	ng		100
75) Fluoranthene	19.342	202	3757235	36.904	ng		99
77) Benzidine	19.536	184	2380752	42.024	ng		99
78) Pyrene	19.719	202	3853987	37.027	ng		99
80) Butylbenzylphthalate	20.677	149	1775636	42.064	ng		99
81) Benzo(a)anthracene	21.648	228	3826778	36.791	ng		99
82) 3,3'-Dichlorobenzidine	21.566	252	1431183	38.998	ng		99
83) Chrysene	21.719	228	3541271	36.707	ng		99
84) Bis(2-ethylhexyl)phtha...	21.607	149	2765334	41.026	ng		99
85) Di-n-octyl phthalate	22.913	149	4594460	40.723	ng		99
87) Indeno(1,2,3-cd)pyrene	28.895	276	4594863m	37.054	ng		
88) Benzo(b)fluoranthene	23.971	252	3794446	36.638	ng		100
89) Benzo(k)fluoranthene	24.036	252	3839465	37.398	ng		99
90) Benzo(a)pyrene	24.877	252	3753992	37.640	ng		99
91) Dibenzo(a,h)anthracene	28.983	278	3762707	37.050	ng		99
92) Benzo(g,h,i)perylene	30.083	276	3674873	36.870	ng		99

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

ICAL Form

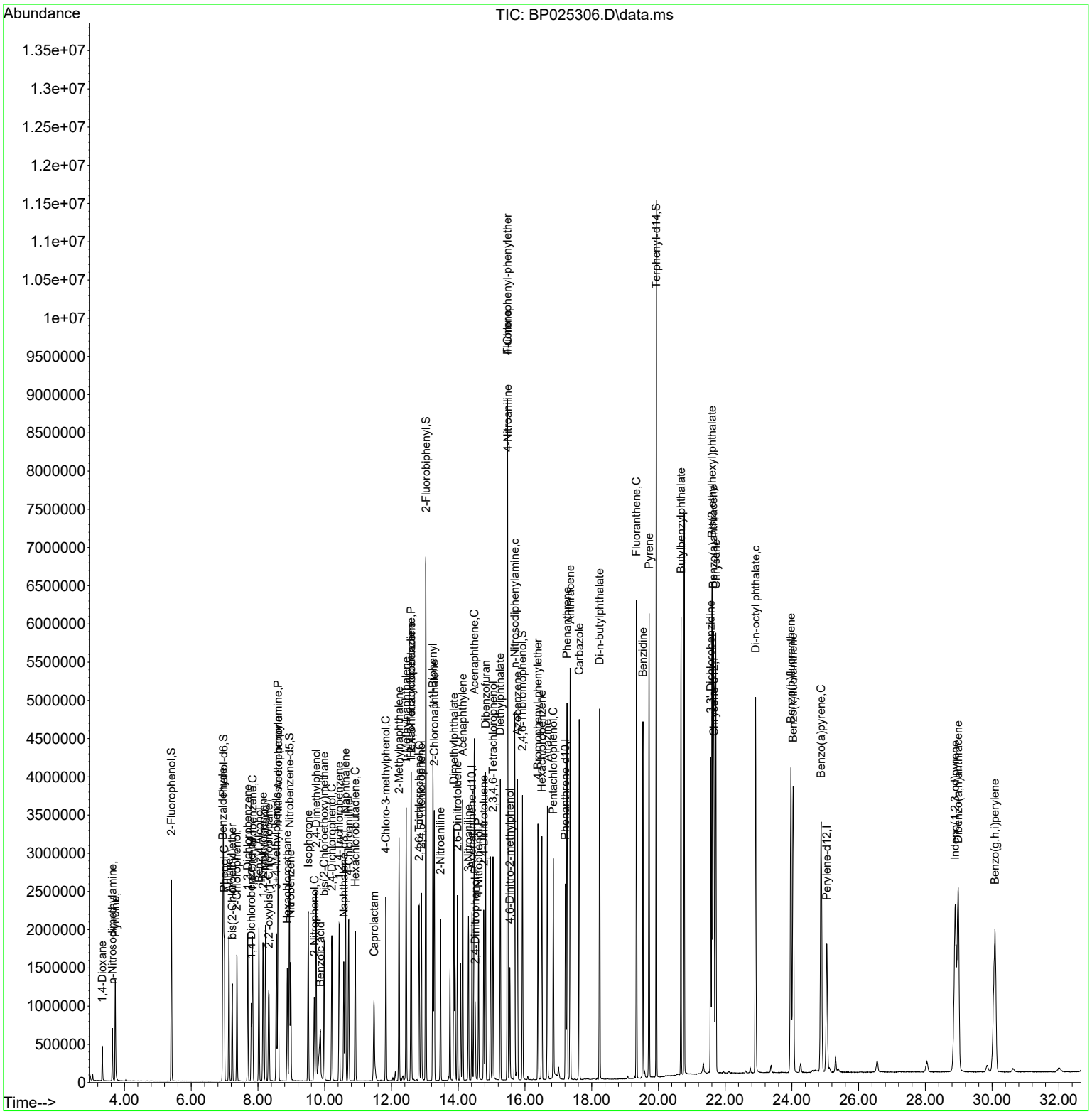
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

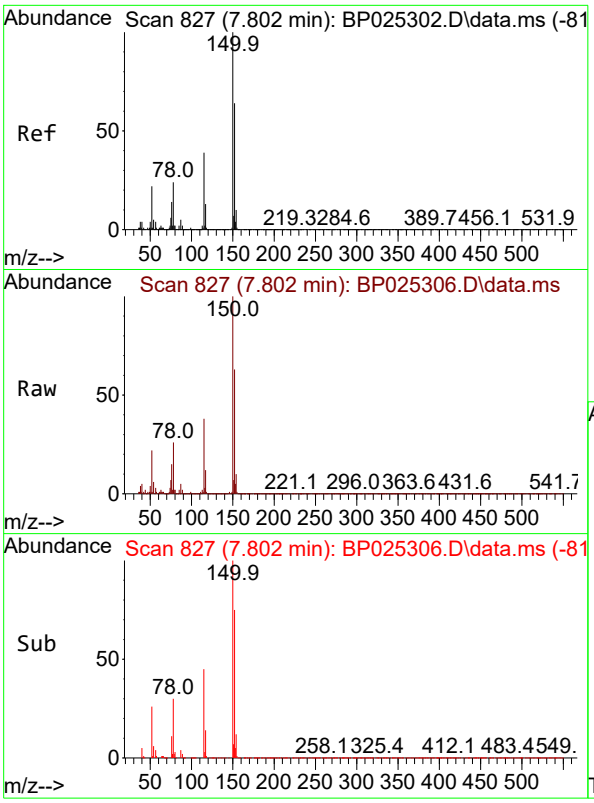
Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

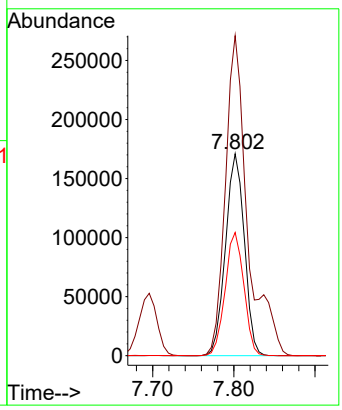




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:152 Resp: 27552

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.1	187.7
115	61.0	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/06/2025
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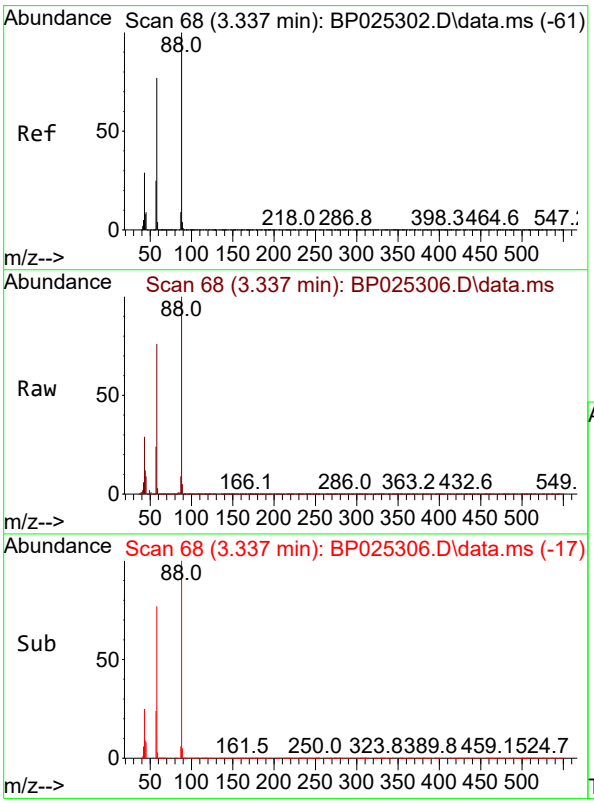
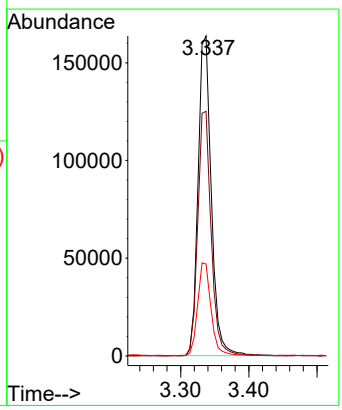
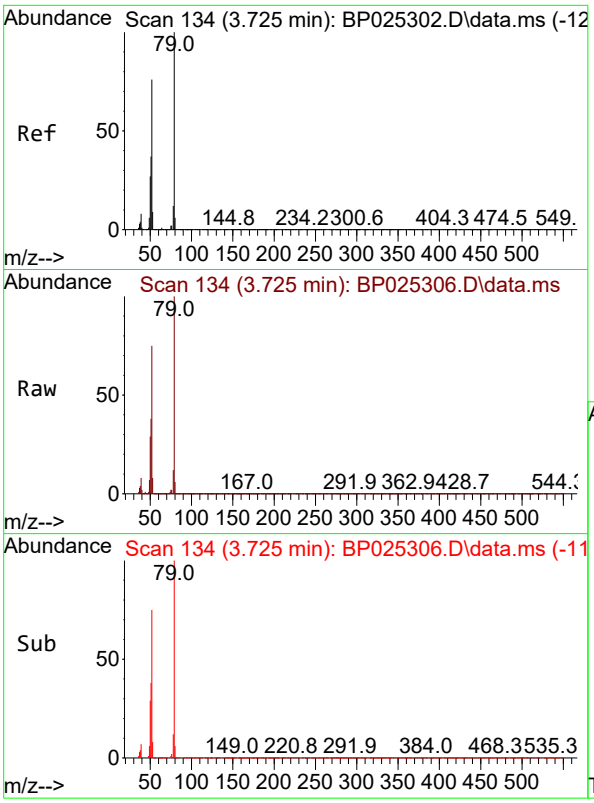


#2
1,4-Dioxane
Concen: 32.761 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 88 Resp: 221468

Ion	Ratio	Lower	Upper
88	100		
58	77.6	61.9	92.9
43	29.2	24.2	36.2

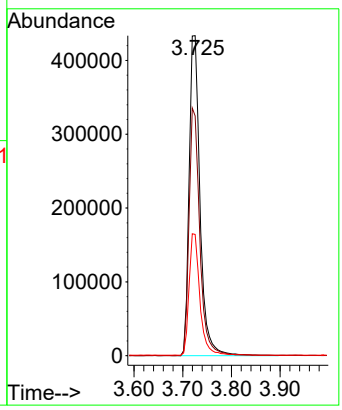




#3
Pyridine
Concen: 35.938 ng
RT: 3.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 79 Resp: 67497

Ion	Ratio	Lower	Upper
79	100		
52	74.9	60.5	90.7
51	37.9	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
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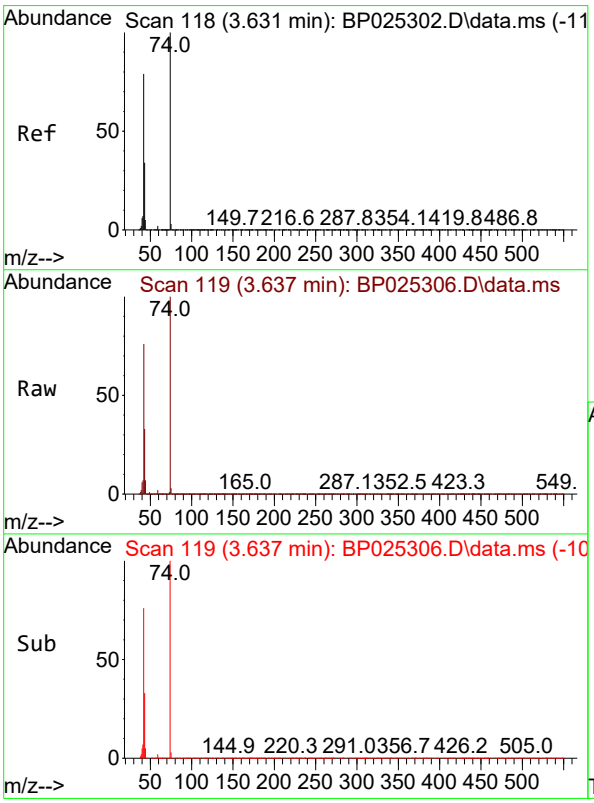
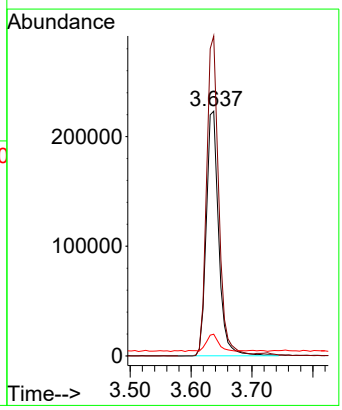
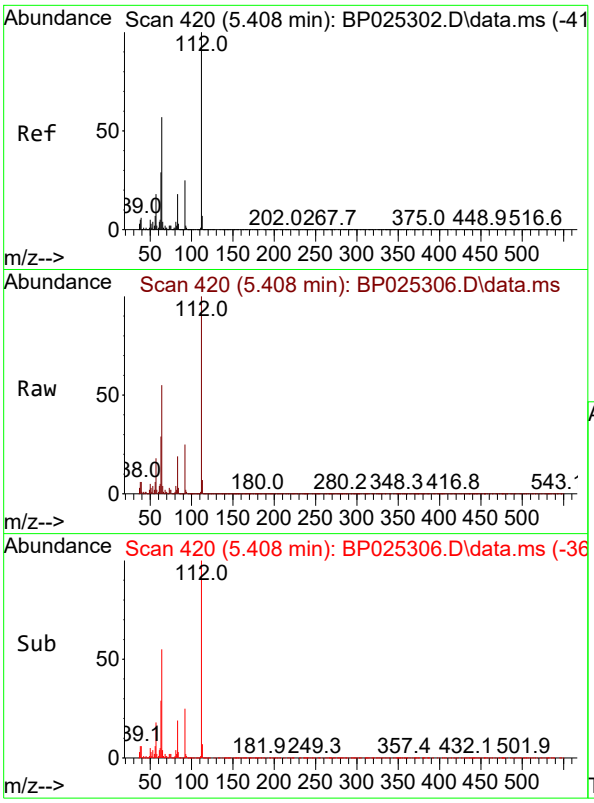


#4
n-Nitrosodimethylamine
Concen: 36.198 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 42 Resp: 315629

Ion	Ratio	Lower	Upper
42	100		
74	130.8	101.4	152.2
44	8.9	7.6	11.4

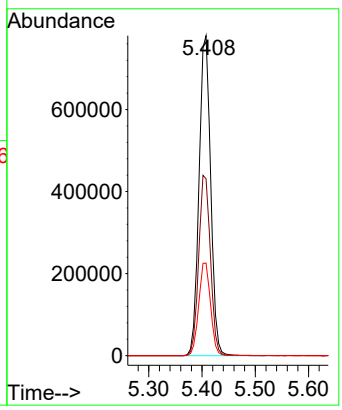




#5
2-Fluorophenol
Concen: 68.960 ng
RT: 5.408 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:112 Resp: 118131

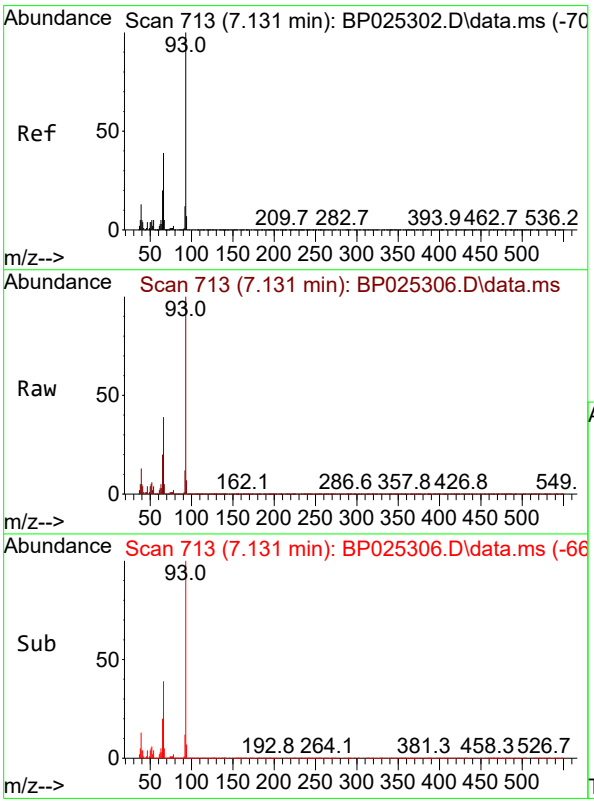
Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.3	67.9
63	29.0	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

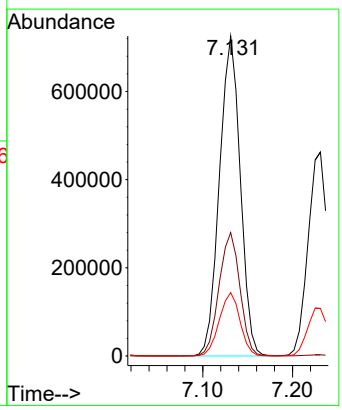
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

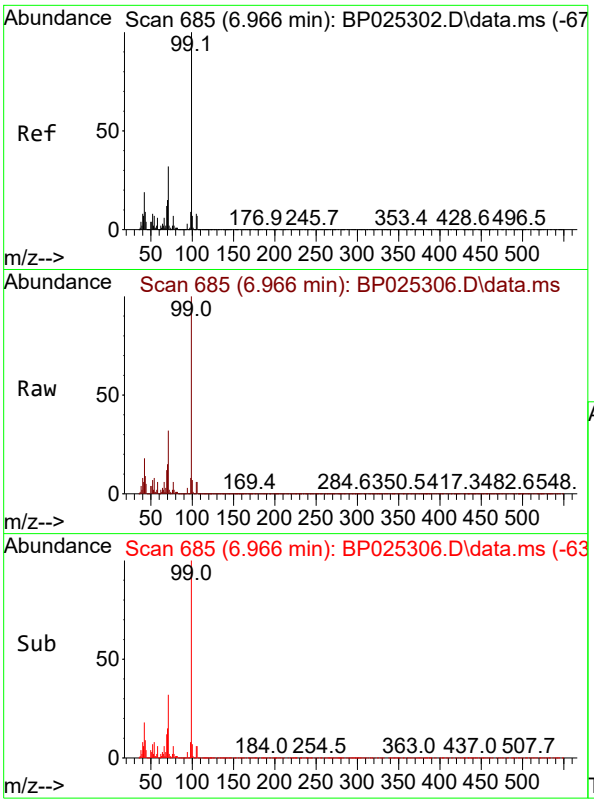


#6
Aniline
Concen: 37.746 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 93 Resp: 1168199

Ion	Ratio	Lower	Upper
93	100		
66	38.6	31.1	46.7
65	19.8	15.8	23.8

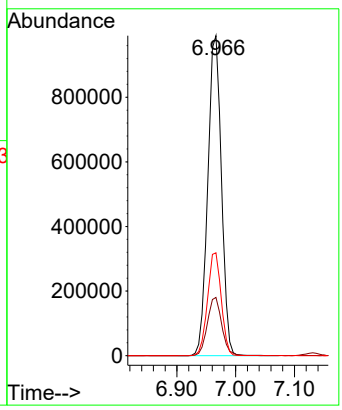




#7
Phenol-d6
Concen: 70.557 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 99 Resp: 159070

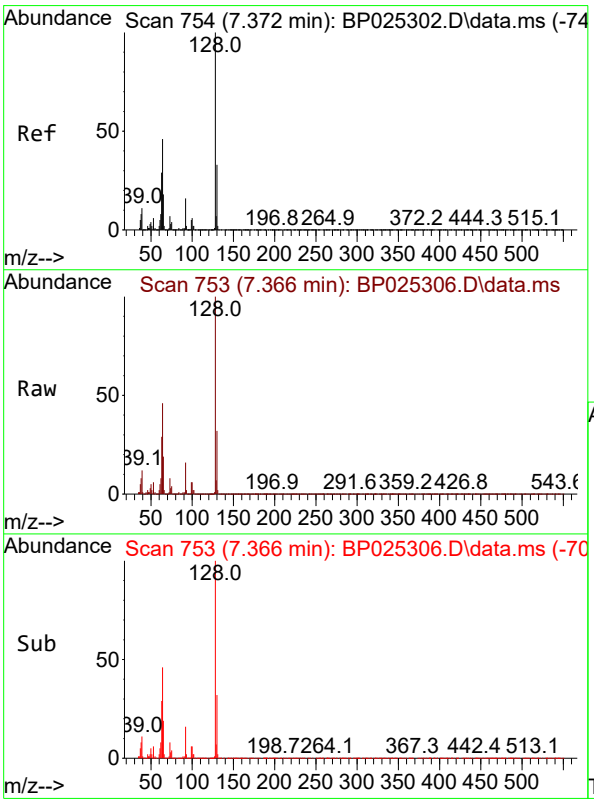
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.6
71	32.2	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

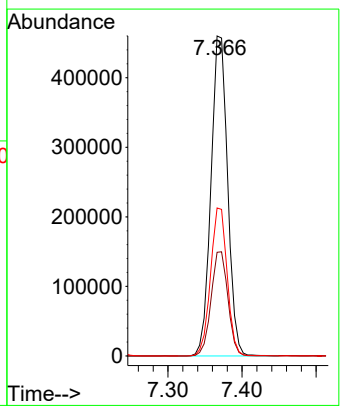
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

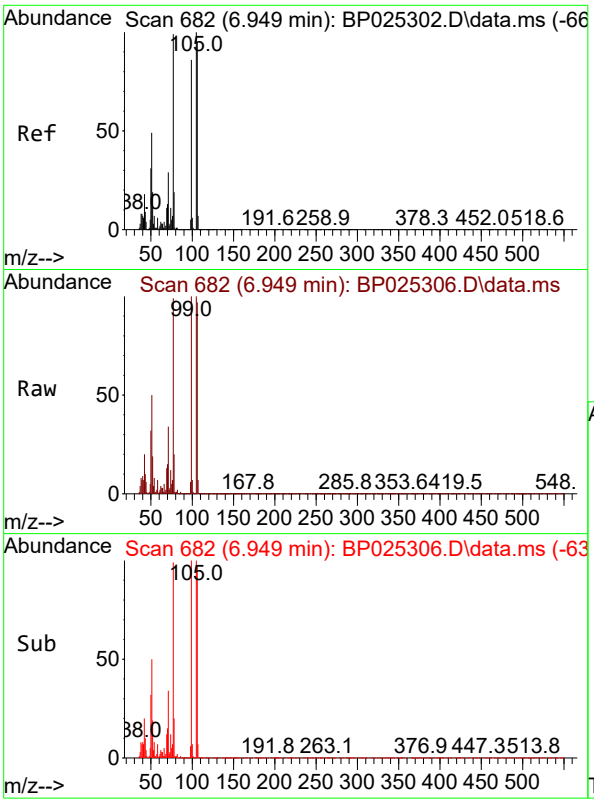


#8
2-Chlorophenol
Concen: 38.218 ng
RT: 7.366 min Scan# 753
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:128 Resp: 716630

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.1	53.1
64	46.3	26.1	66.1

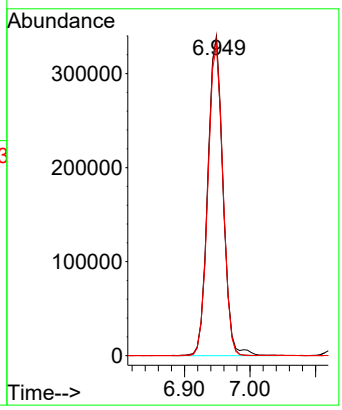




#9
Benzaldehyde
Concen: 33.857 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 77 Resp: 54212

Ion	Ratio	Lower	Upper
77	100		
105	100.7	81.4	121.4
106	97.5	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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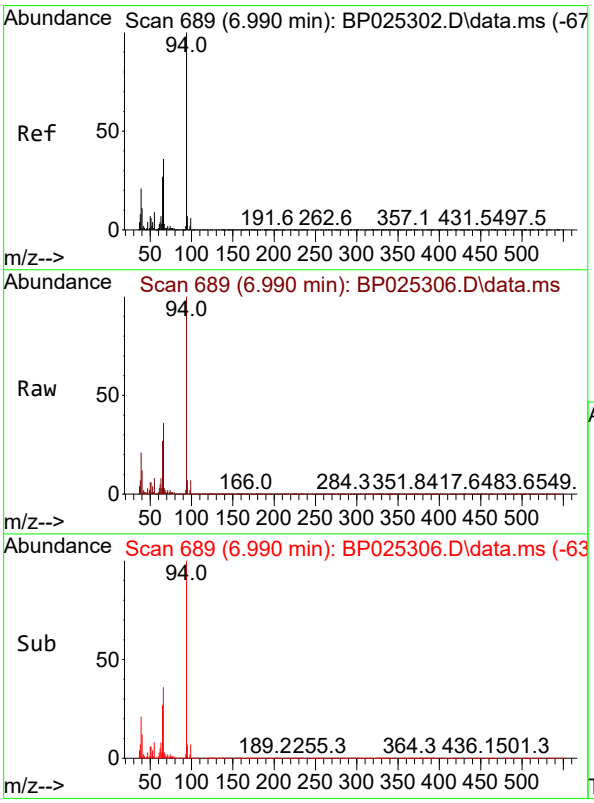
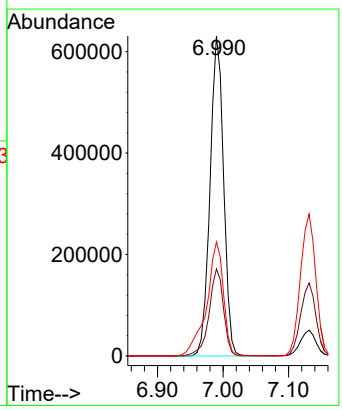
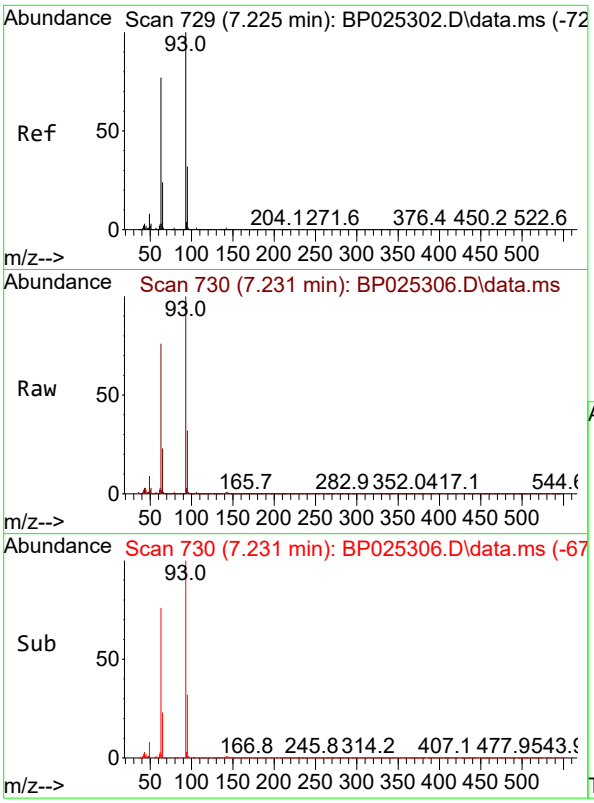


#10
Phenol
Concen: 37.664 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 94 Resp: 908541

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.3	47.3
66	35.6	15.7	55.7

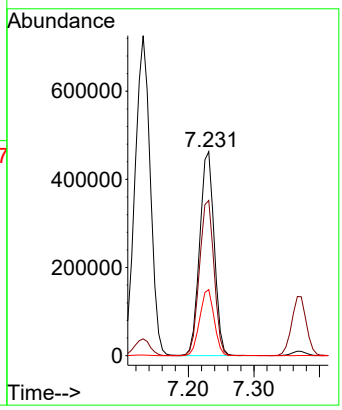




#11
bis(2-Chloroethyl)ether
Concen: 37.860 ng
RT: 7.231 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 93 Resp: 71557

Ion	Ratio	Lower	Upper
93	100		
63	76.1	57.0	97.0
95	32.4	12.1	52.1



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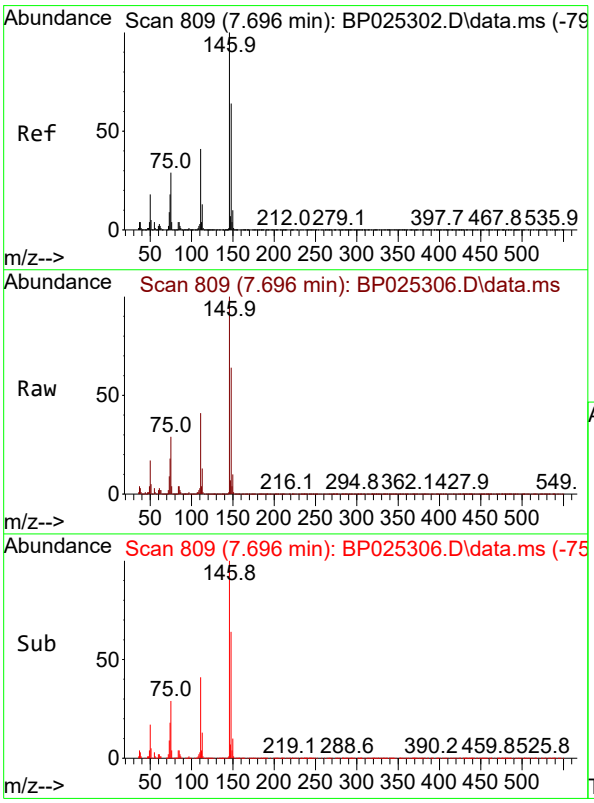
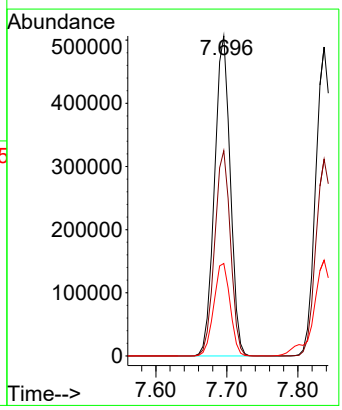
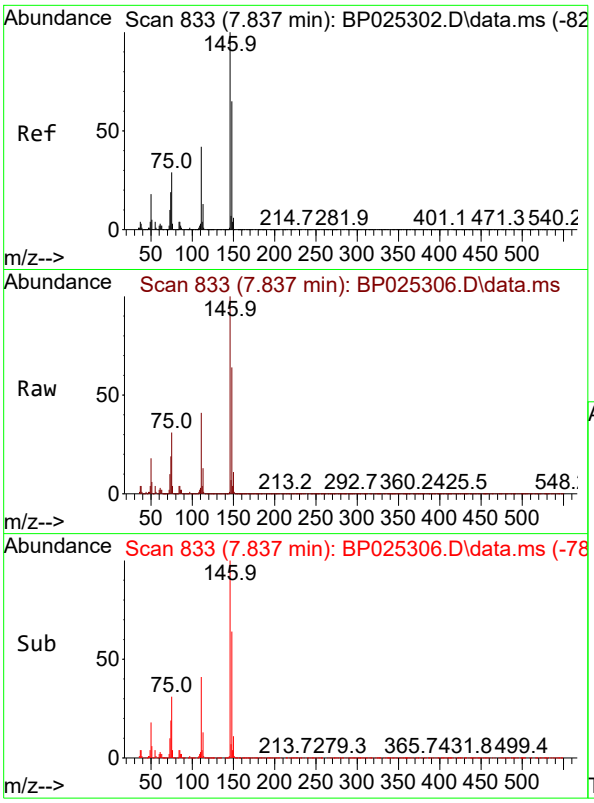


#12
1,3-Dichlorobenzene
Concen: 36.894 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:146 Resp: 777323

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
75	28.9	23.2	34.8

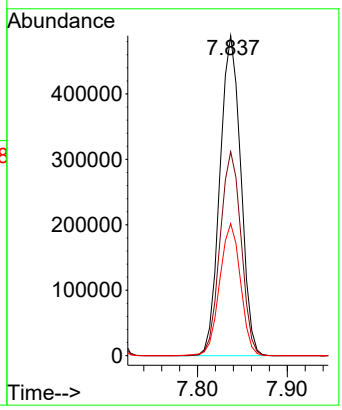




#13
1,4-Dichlorobenzene
Concen: 37.069 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:146 Resp: 79016

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	41.2	33.2	49.8



Instrument :
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ClientSampleId :
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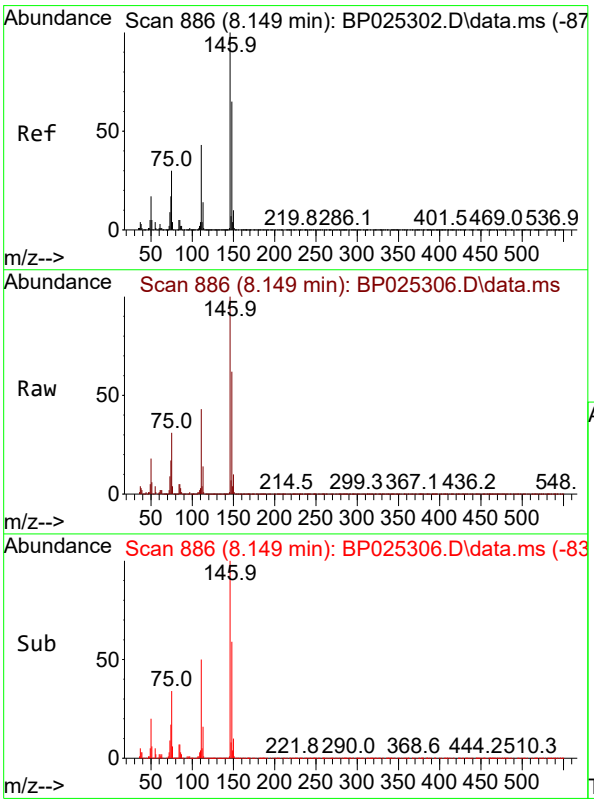
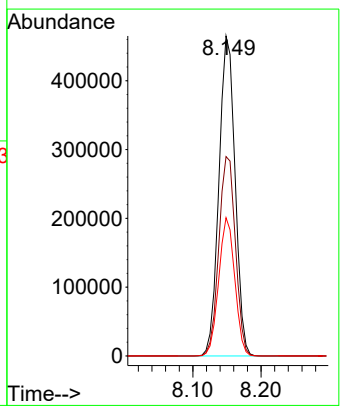
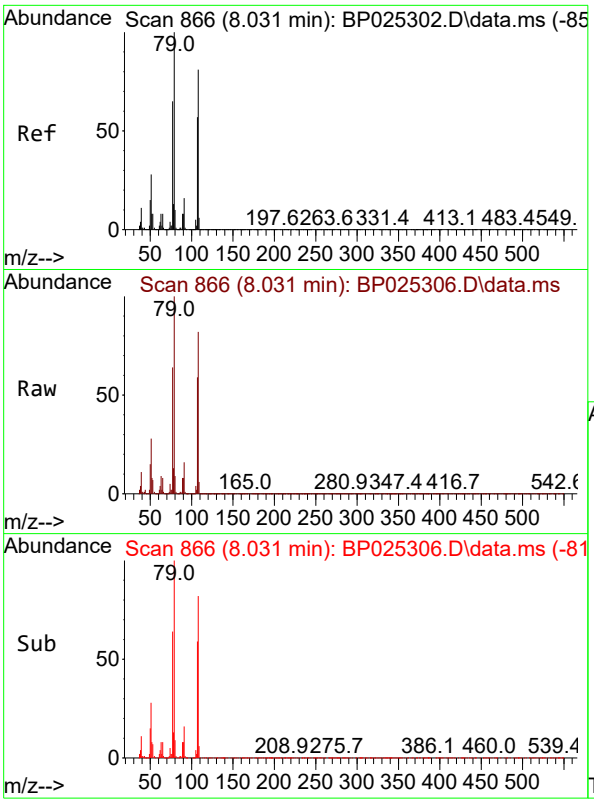


#14
1,2-Dichlorobenzene
Concen: 37.139 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:146 Resp: 766897

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.9	77.9
111	43.2	34.4	51.6

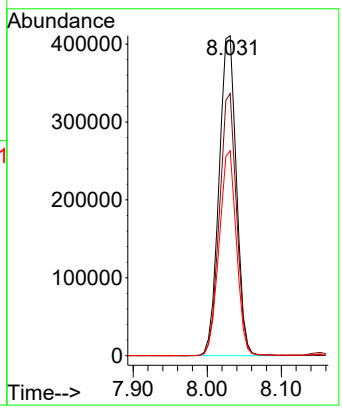




#15
Benzyl Alcohol
Concen: 38.230 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 79 Resp: 66809

Ion	Ratio	Lower	Upper
79	100		
108	81.9	64.5	96.7
77	64.0	51.9	77.9



Instrument :
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ClientSampleId :
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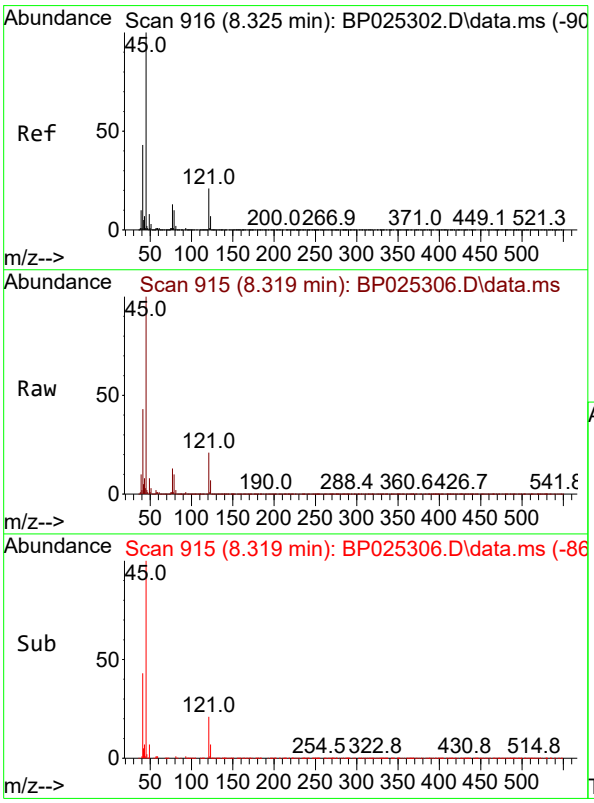
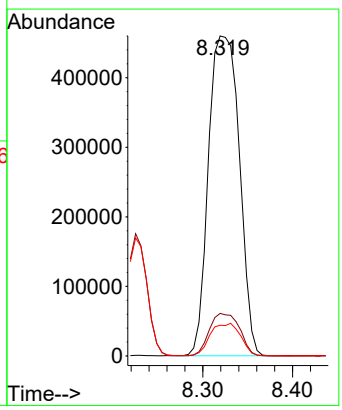
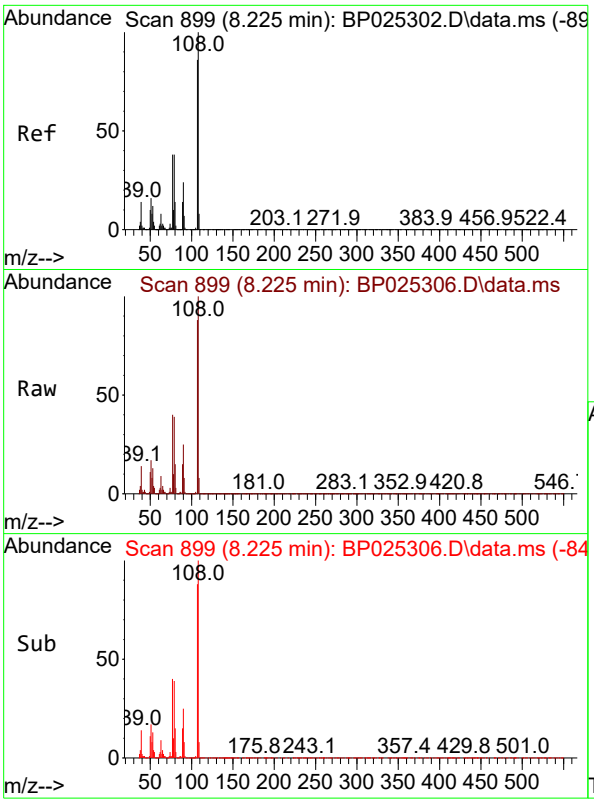


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.800 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 45 Resp: 1098738

Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	33.0
79	9.6	0.0	29.8

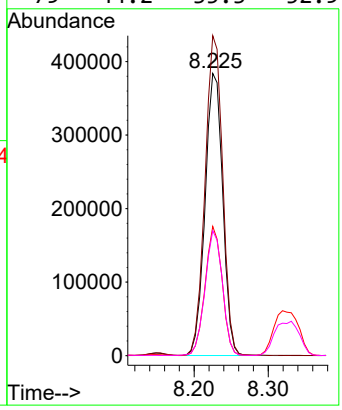




#17
2-Methylphenol
Concen: 39.242 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:107 Resp: 63339

Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.6	139.0
77	45.8	35.4	53.2
79	44.2	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
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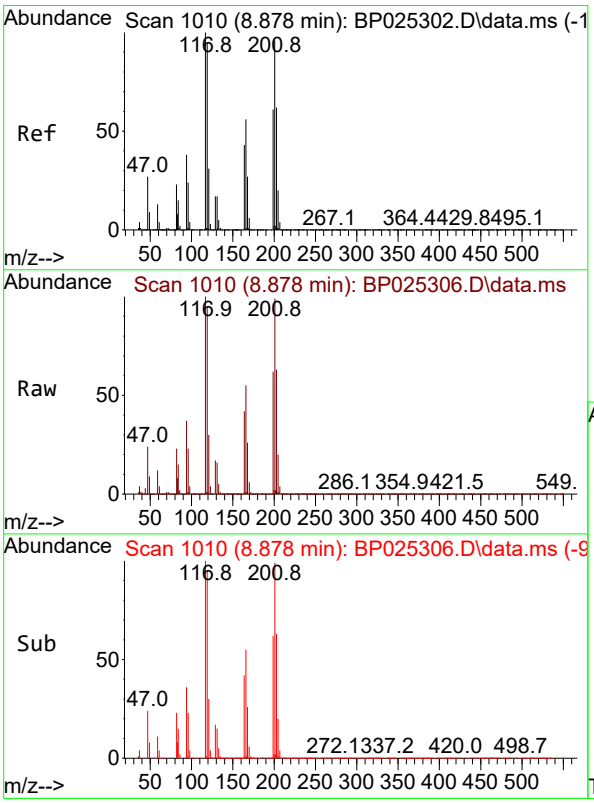
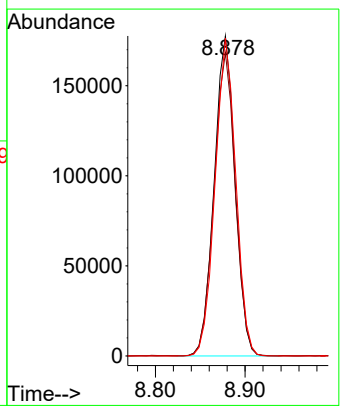
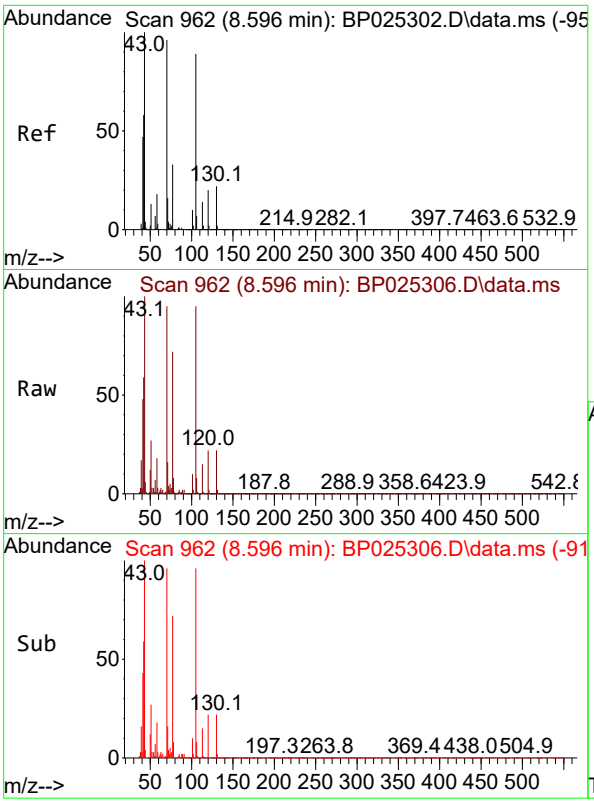


#18
Hexachloroethane
Concen: 37.712 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:117 Resp: 287484

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	99.3	76.6	114.8

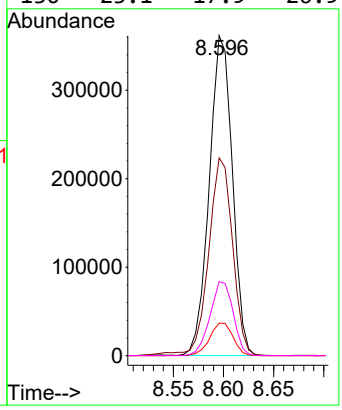




#19
n-Nitroso-di-n-propylamine
Concen: 39.071 ng
RT: 8.596 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 70 Resp: 57873

Ion	Ratio	Lower	Upper
70	100		
42	61.8	49.4	74.0
101	10.1	7.9	11.9
130	23.1	17.9	26.9



Instrument :
BNA_P
ClientSampleId :
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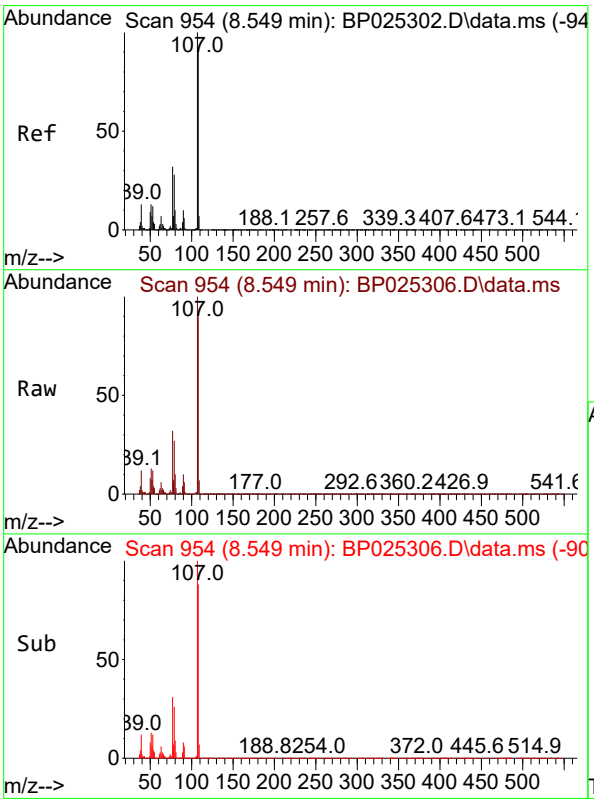
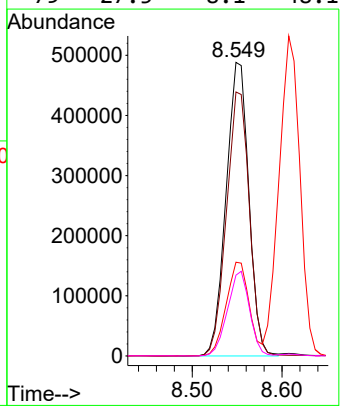
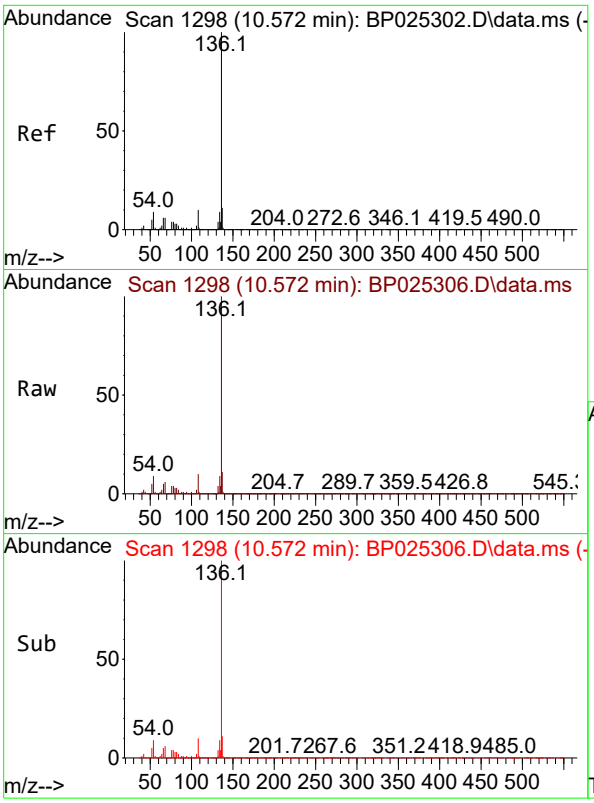


#20
3+4-Methylphenols
Concen: 38.632 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:107 Resp: 858644

Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.9	111.9
77	31.9	12.0	52.0
79	27.5	8.1	48.1

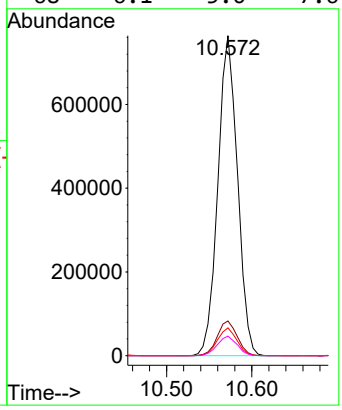




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:136 Resp: 122224

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.7	7.0	10.6
68	6.1	5.0	7.6



Instrument :
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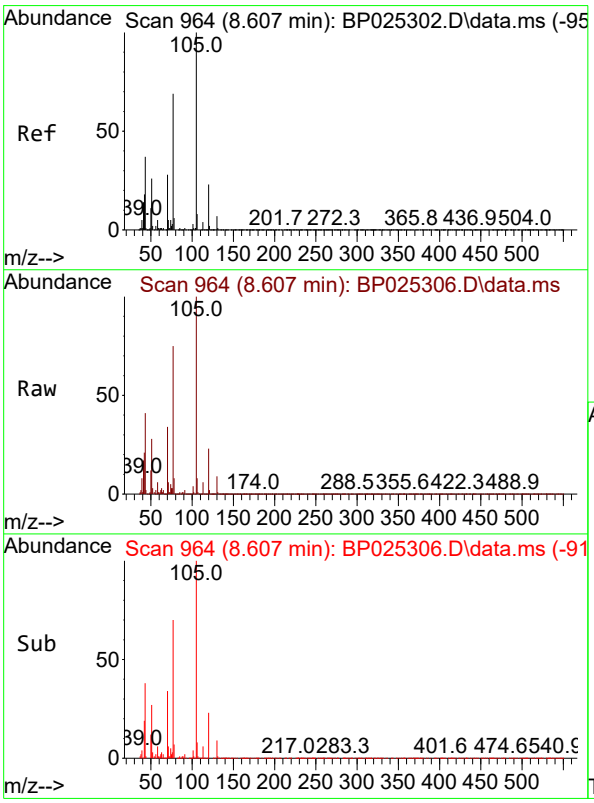
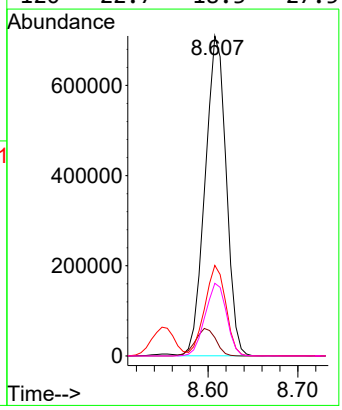
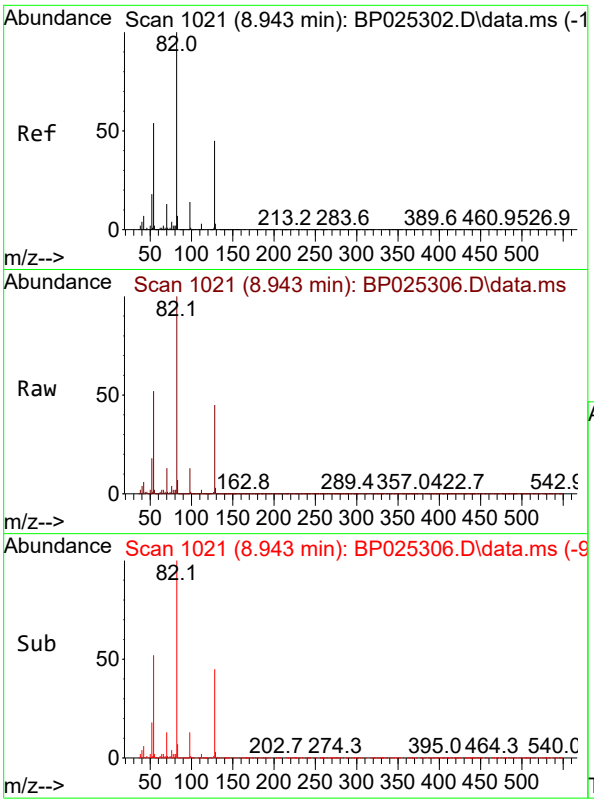


#22
Acetophenone
Concen: 37.755 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:105 Resp: 1158440

Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.1	6.1
51	28.3	22.7	34.1
120	22.7	18.3	27.5

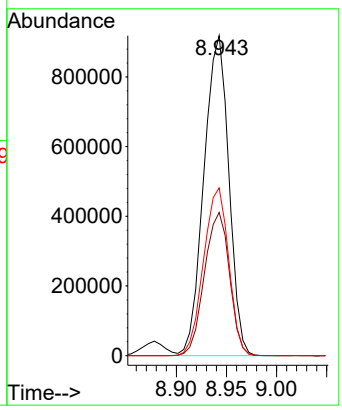




#23
Nitrobenzene-d5
Concen: 71.916 ng
RT: 8.943 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 82 Resp: 158659

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.4	53.2
54	52.5	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
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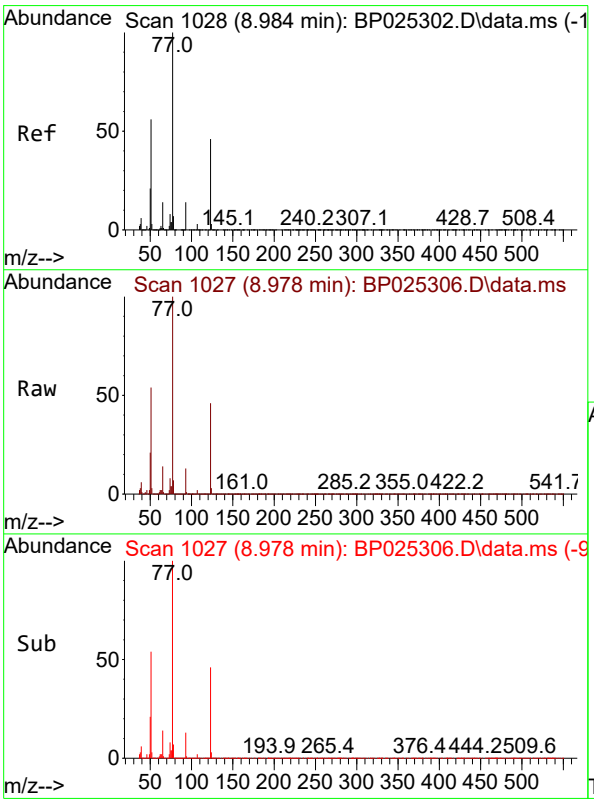
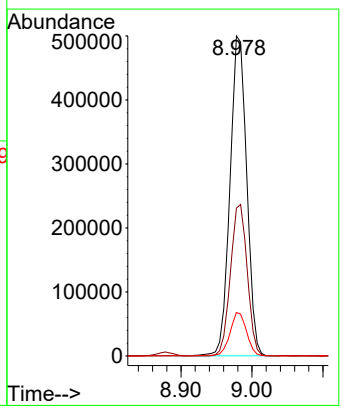
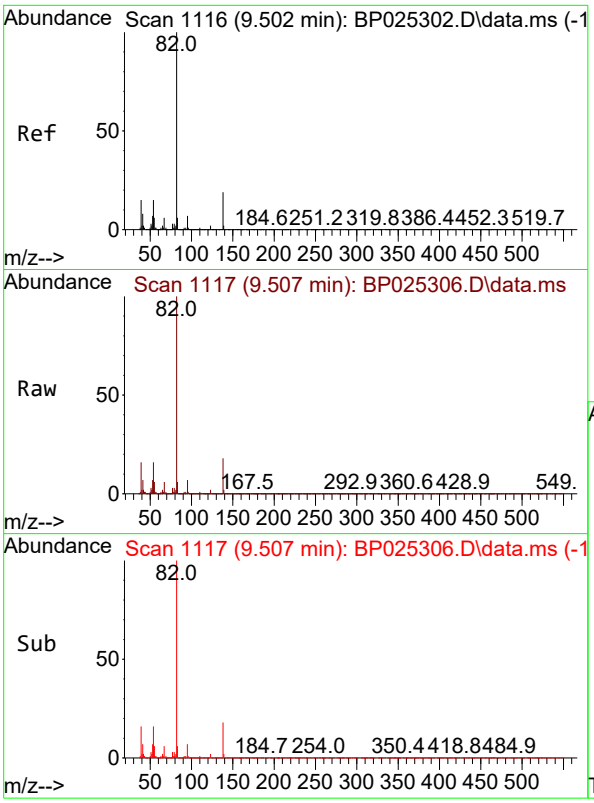


#24
Nitrobenzene
Concen: 39.201 ng
RT: 8.978 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 77 Resp: 818671

Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.4	56.2
65	13.6	11.1	16.7

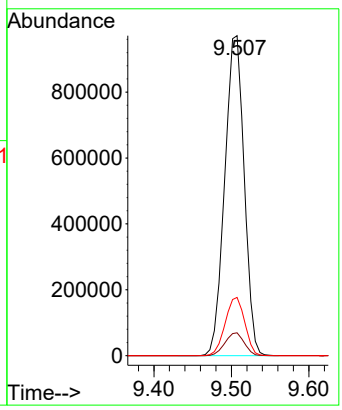




#25
Isophorone
Concen: 38.747 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.005 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 82 Resp: 170159

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	18.2	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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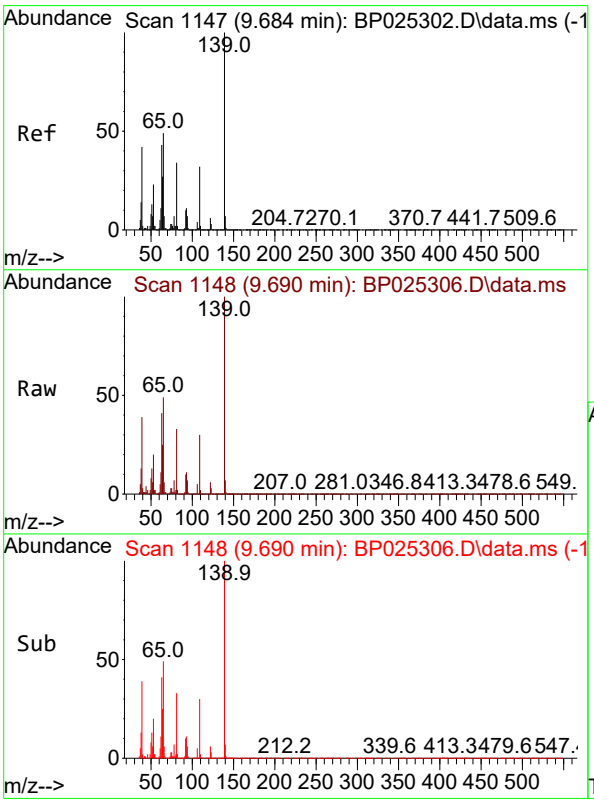
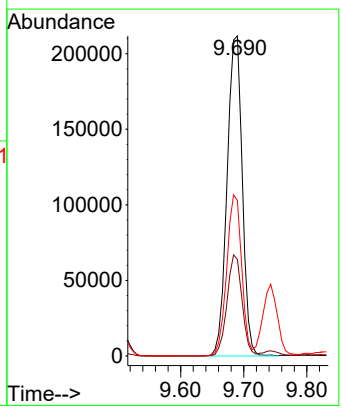
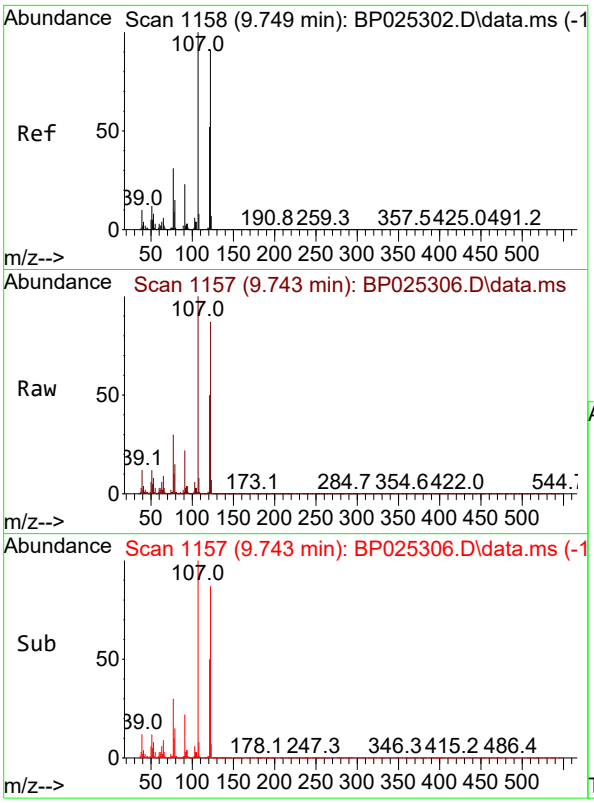


#26
2-Nitrophenol
Concen: 39.528 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:139 Resp: 353273

Ion	Ratio	Lower	Upper
139	100		
109	30.1	25.2	37.8
65	48.6	39.6	59.4

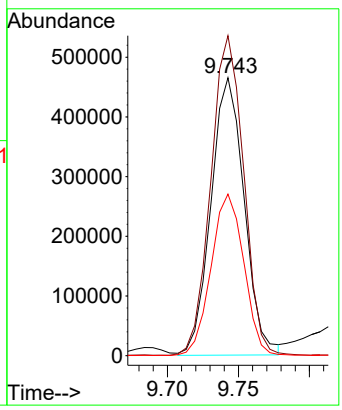




#27
2,4-Dimethylphenol
Concen: 37.381 ng
RT: 9.743 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:122 Resp: 75682

Ion	Ratio	Lower	Upper
122	100		
107	115.1	87.4	131.0
121	58.1	45.8	68.8



Instrument :
BNA_P
ClientSampleId :
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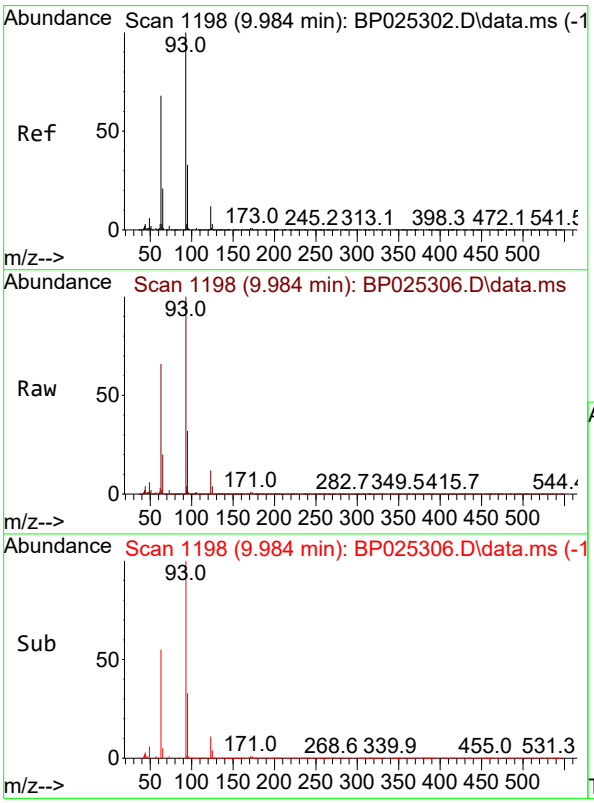
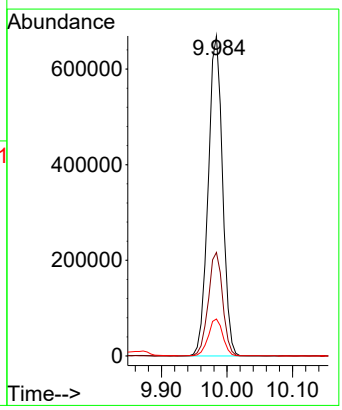
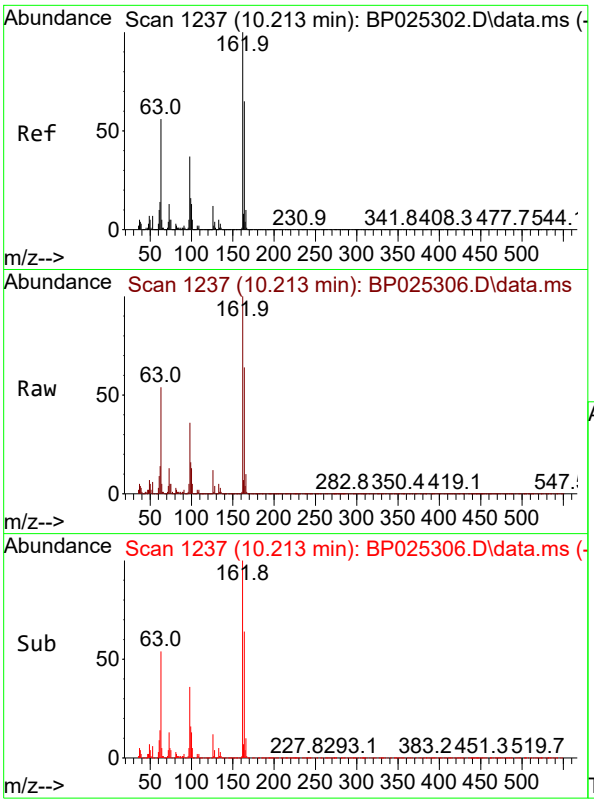


#28
bis(2-Chloroethoxy)methane
Concen: 38.088 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 93 Resp: 1017512

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	11.6	9.4	14.2

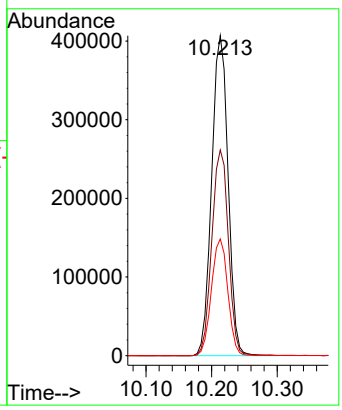




#29
2,4-Dichlorophenol
Concen: 39.853 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:162 Resp: 70641

Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.2	85.2
98	36.5	17.5	57.5



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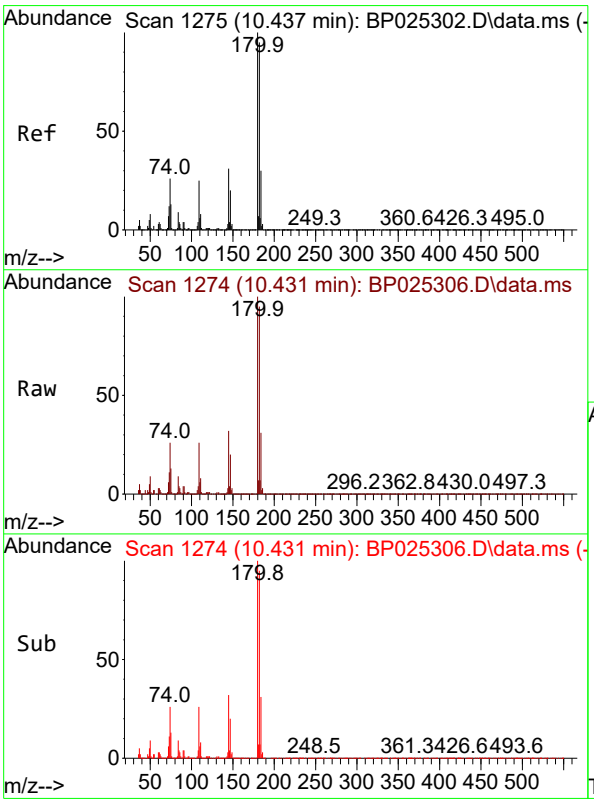
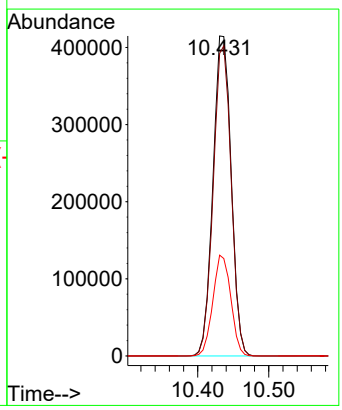
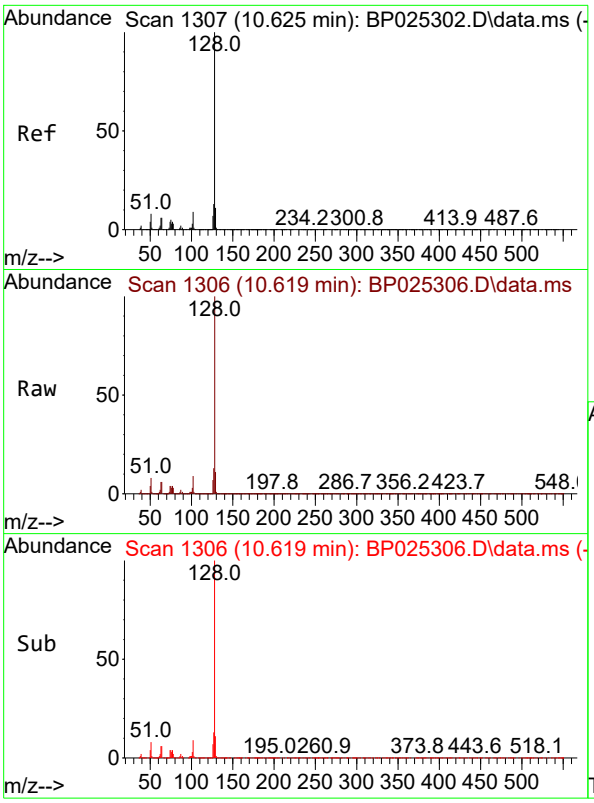


#30
1,2,4-Trichlorobenzene
Concen: 37.651 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:180 Resp: 736298

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.8
145	31.5	25.0	37.4

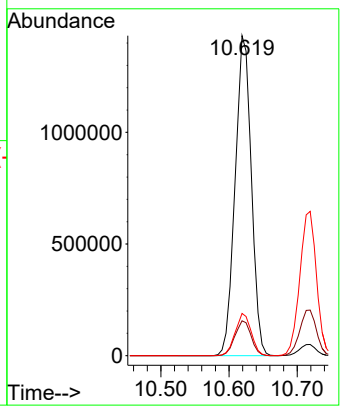




#31
Naphthalene
Concen: 37.348 ng
RT: 10.619 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:128 Resp: 236970

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.2	10.4	15.6



Instrument :
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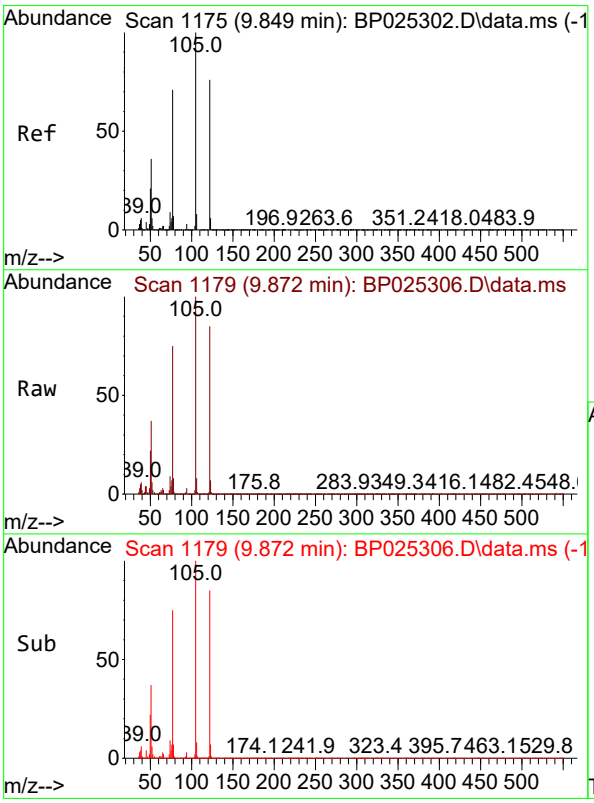
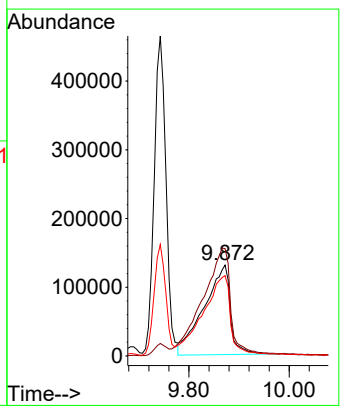
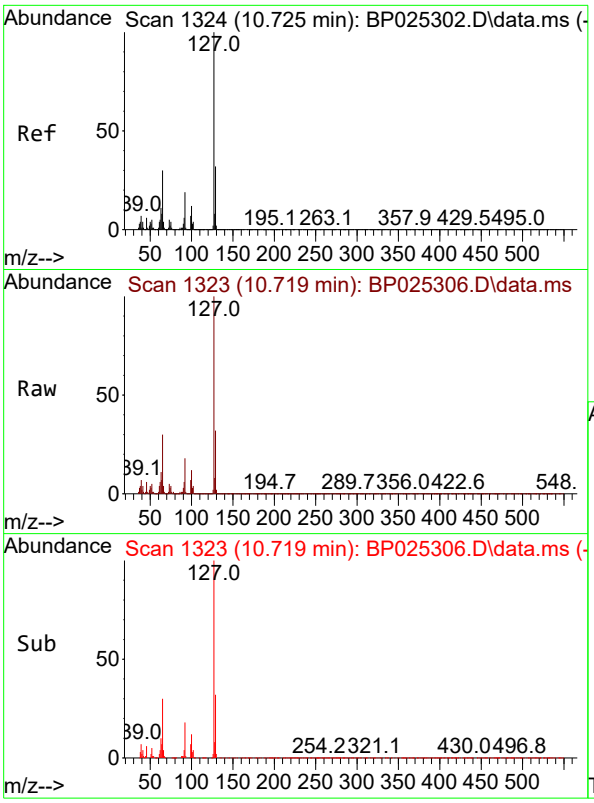


#32
Benzoic acid
Concen: 43.119 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.023 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:122 Resp: 476318

Ion	Ratio	Lower	Upper
122	100		
105	118.2	104.0	144.0
77	88.4	71.8	111.8

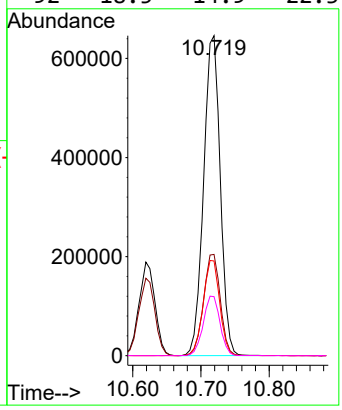




#33
4-Chloroaniline
Concen: 38.908 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:127 Resp: 109795

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	29.6	23.6	35.4
92	18.5	14.9	22.3



Instrument :
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ClientSampleId :
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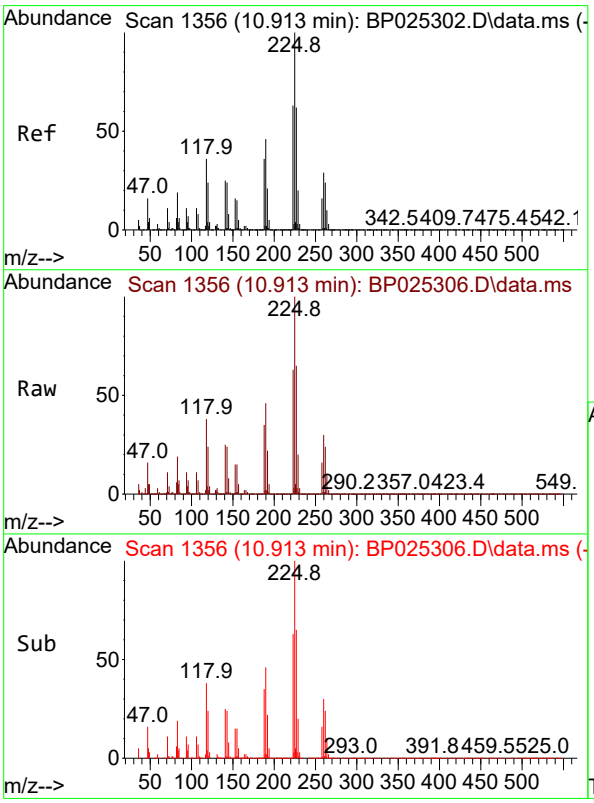
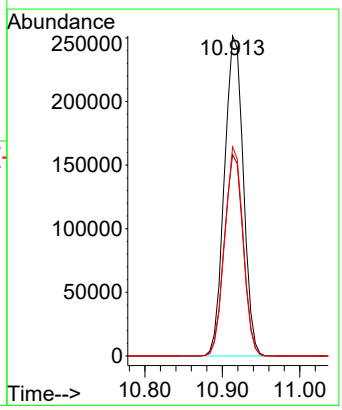
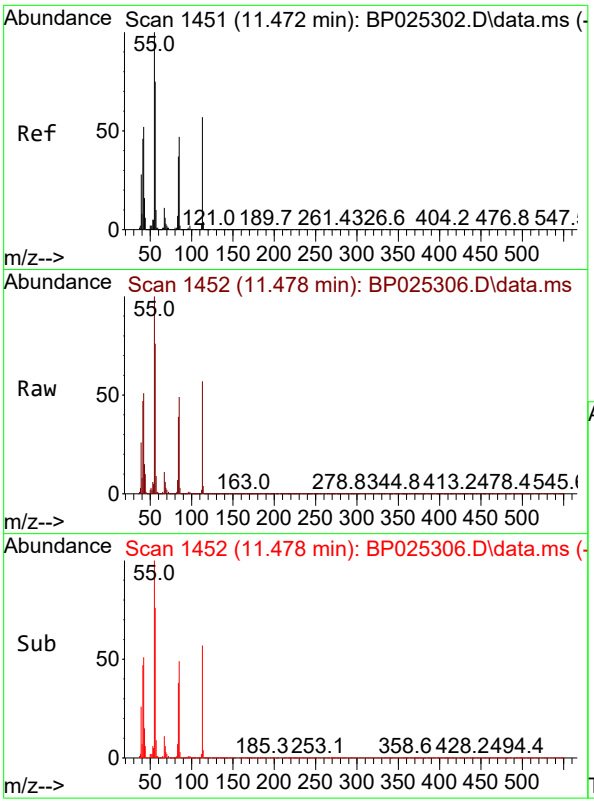


#34
Hexachlorobutadiene
Concen: 37.983 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:225 Resp: 426384

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	65.3	49.7	74.5

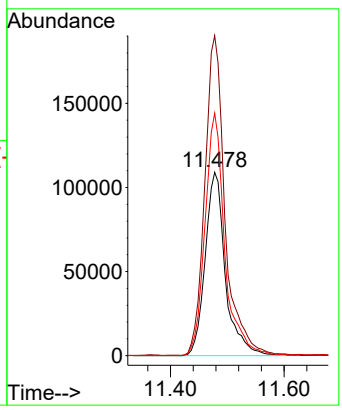




#35
Caprolactam
Concen: 39.093 ng
RT: 11.478 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:113 Resp: 26881

Ion	Ratio	Lower	Upper
113	100		
55	174.4	154.4	194.4
56	132.2	110.9	150.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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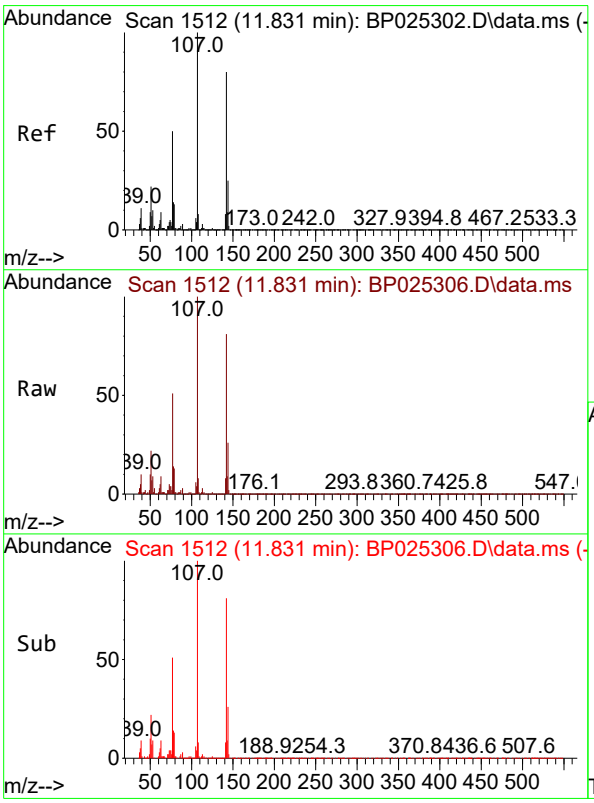
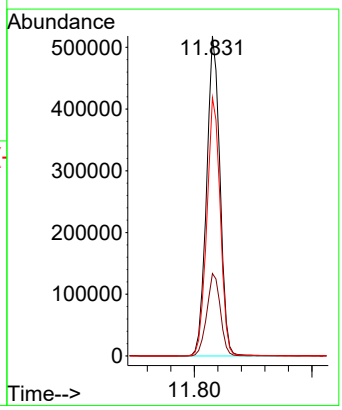
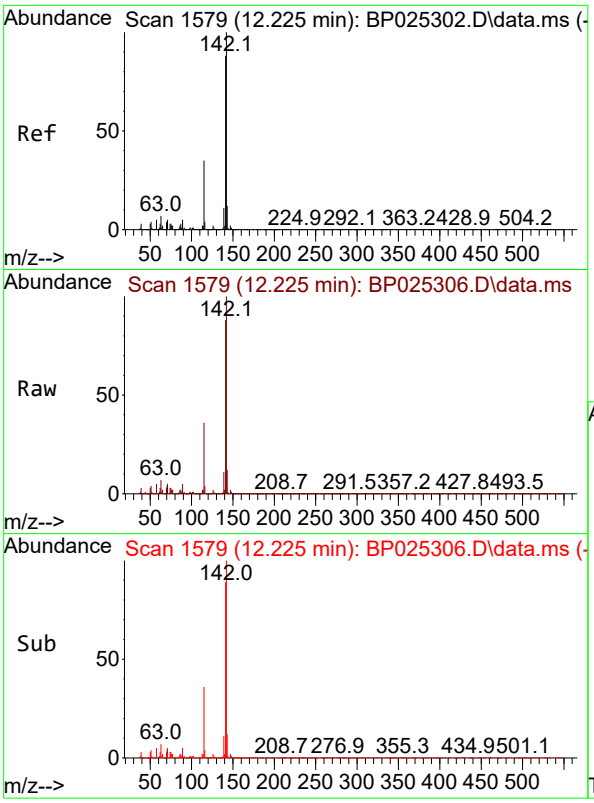


#36
4-Chloro-3-methylphenol
Concen: 39.847 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:107 Resp: 817278

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.4	30.6
142	80.7	63.7	95.5

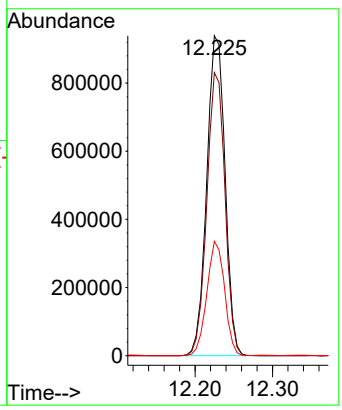




#37
2-Methylnaphthalene
Concen: 37.660 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:142 Resp: 154662

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	35.7	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
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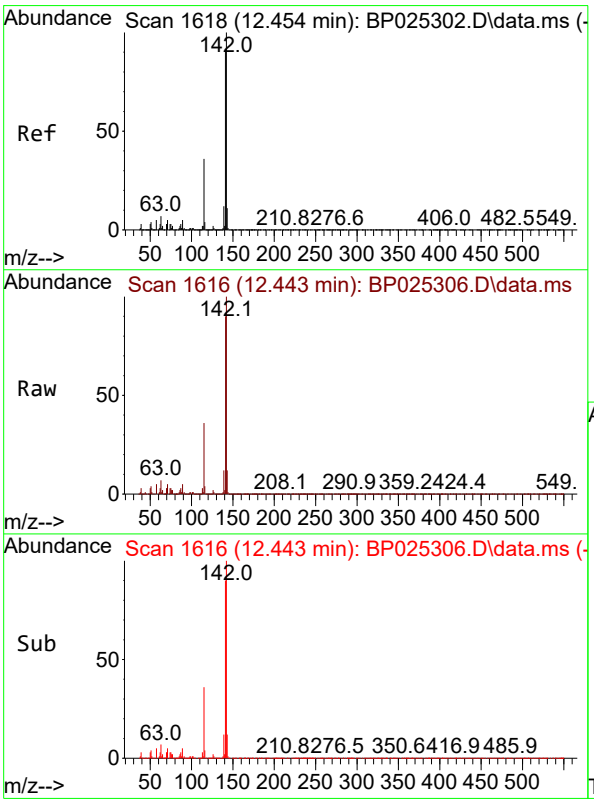
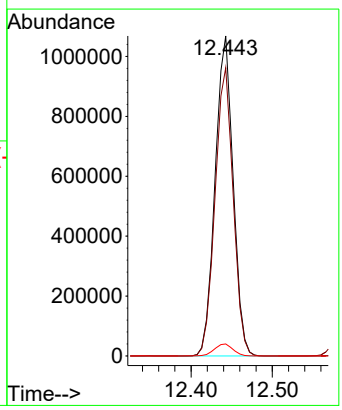
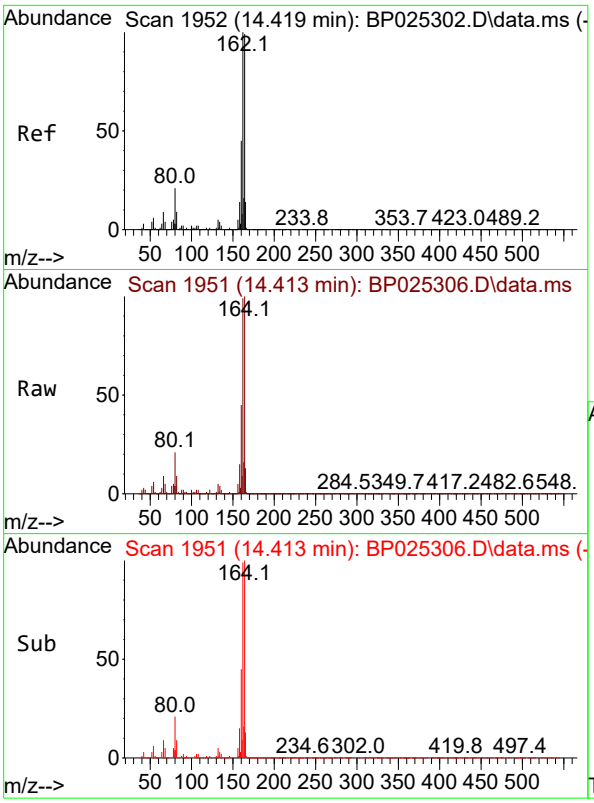


#38
1-Methylnaphthalene
Concen: 38.438 ng
RT: 12.443 min Scan# 1616
Delta R.T. -0.011 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:142 Resp: 1647105

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.6
116	3.8	3.0	4.6

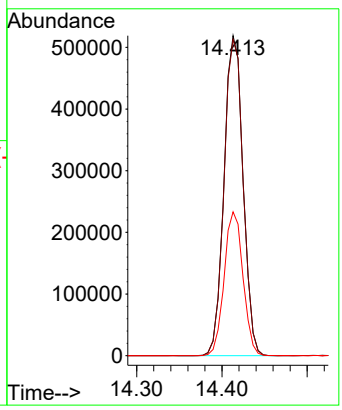




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:164 Resp: 80299

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	120.8
160	45.0	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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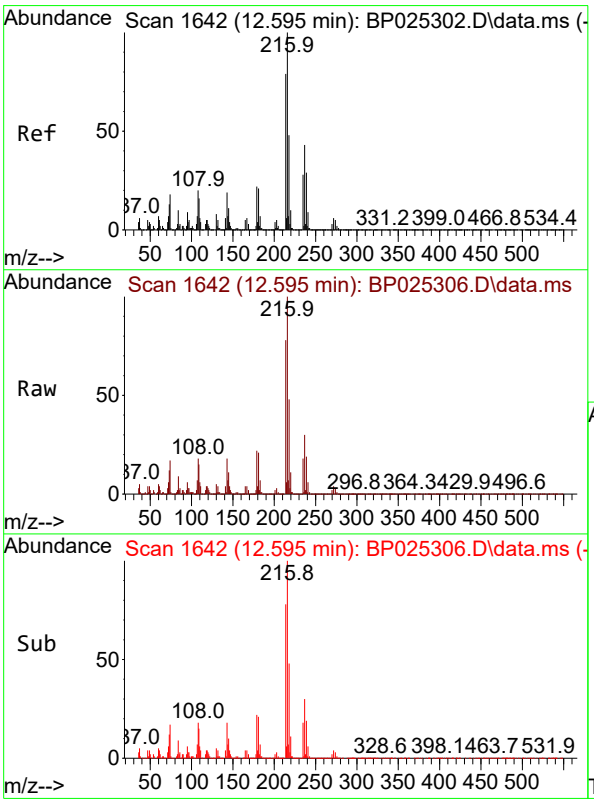
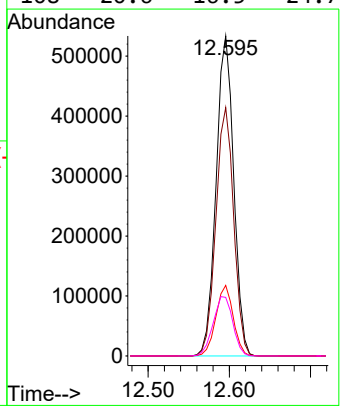
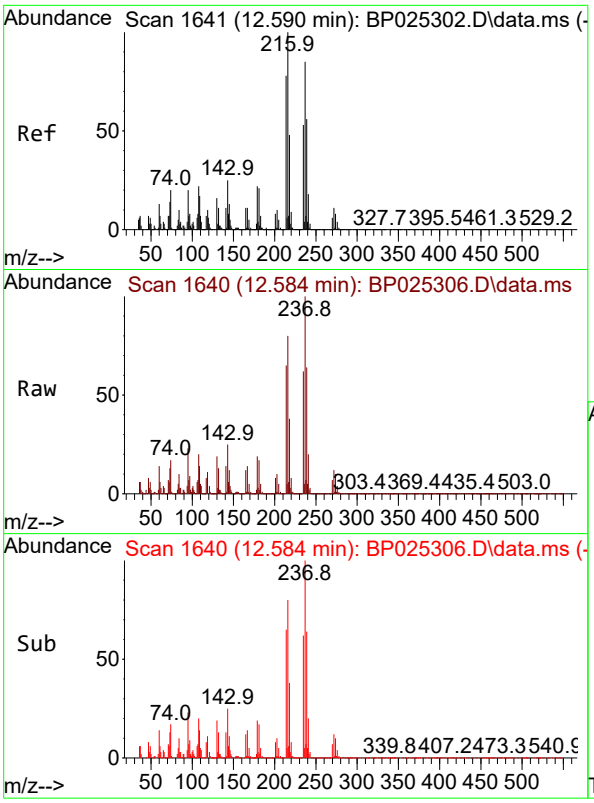


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.772 ng
RT: 12.595 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:216 Resp: 806158

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	21.8	17.5	26.3
108	20.6	16.5	24.7

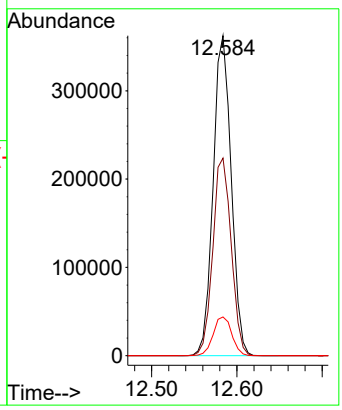




#41
Hexachlorocyclopentadiene
Concen: 39.389 ng
RT: 12.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:237 Resp: 53296

Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.2	82.2
272	12.1	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
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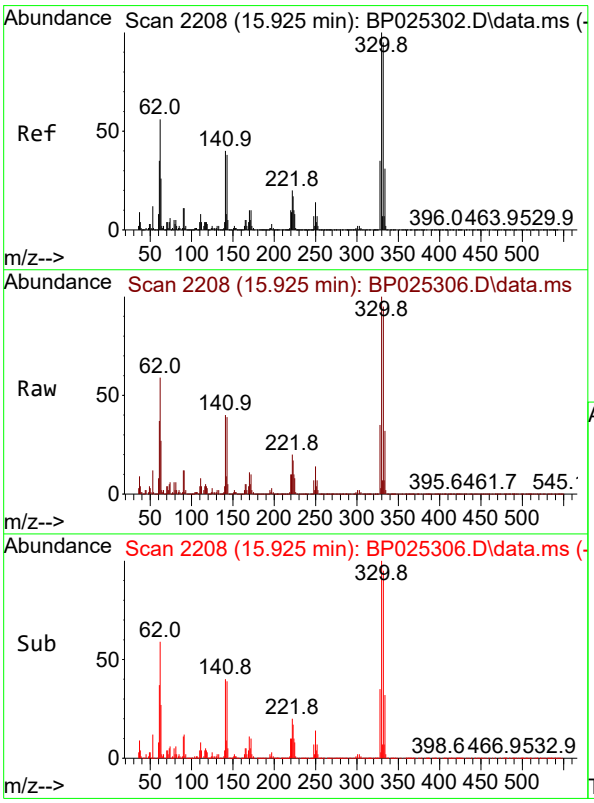
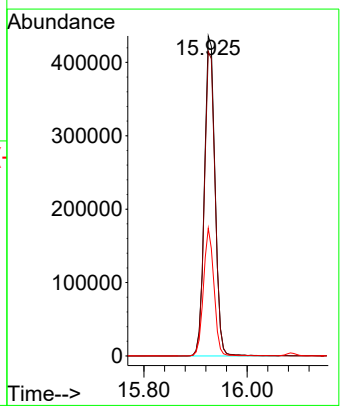
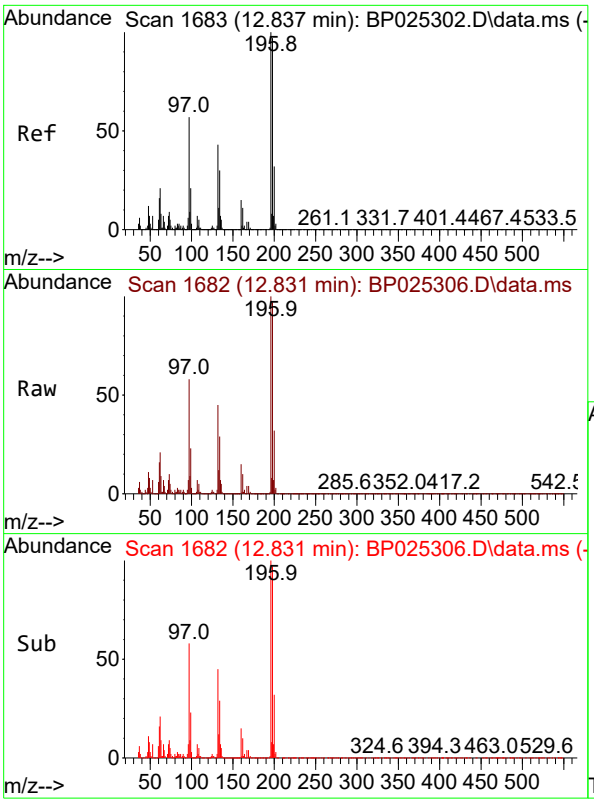


#42
2,4,6-Tribromophenol
Concen: 77.267 ng
RT: 15.925 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:330 Resp: 618969

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	39.5	31.7	47.5

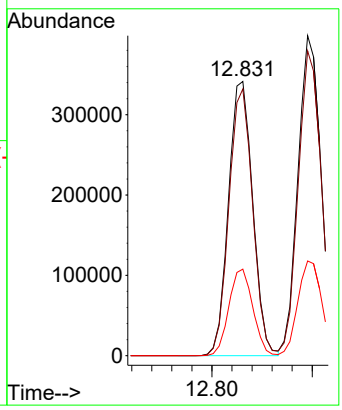




#43
2,4,6-Trichlorophenol
Concen: 40.551 ng
RT: 12.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:196 Resp: 57428

Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.3	115.9
200	31.6	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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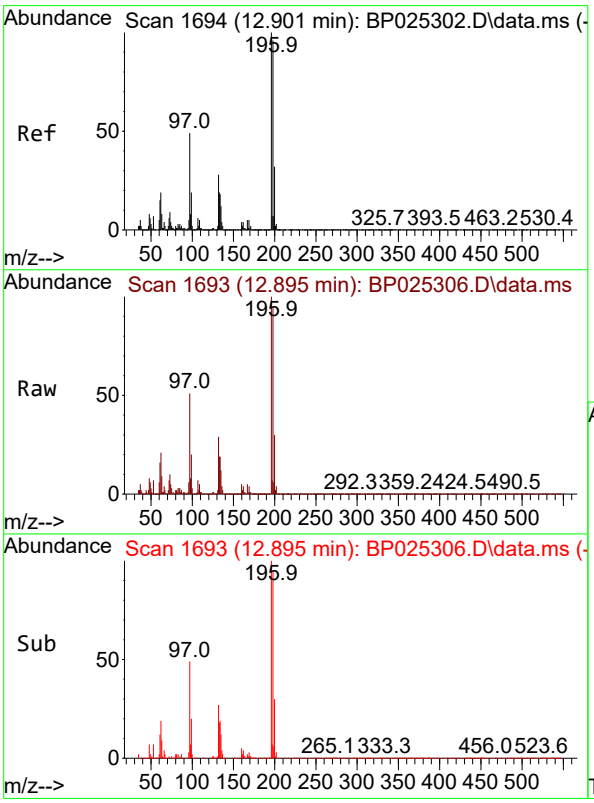
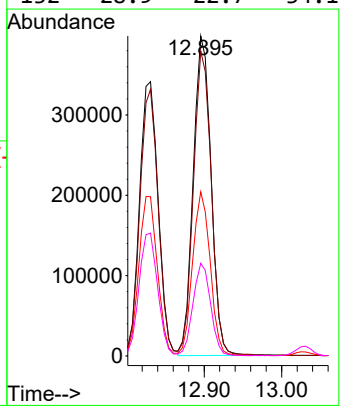
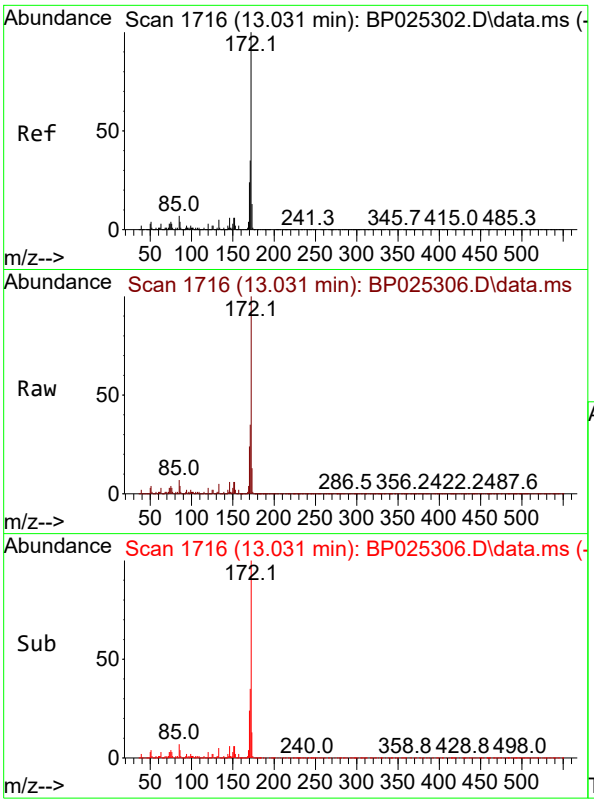


#44
2,4,5-Trichlorophenol
Concen: 40.117 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:196 Resp: 637340

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	114.8
97	51.3	39.5	59.3
132	28.9	22.7	34.1

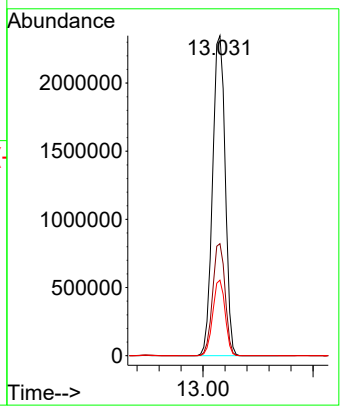




#45
2-Fluorobiphenyl
Concen: 64.394 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:172 Resp: 374367

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.6	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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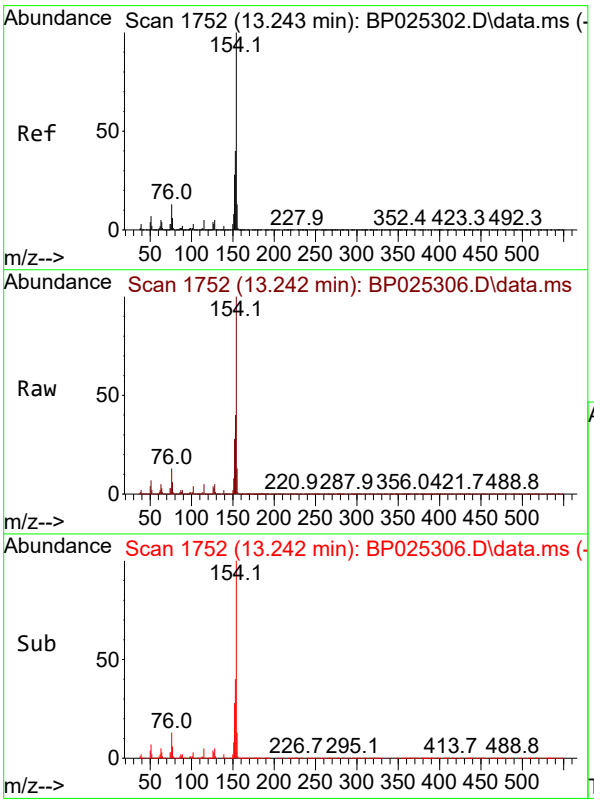
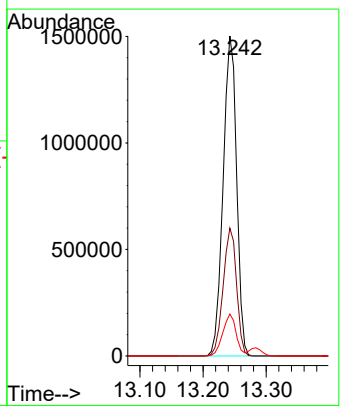
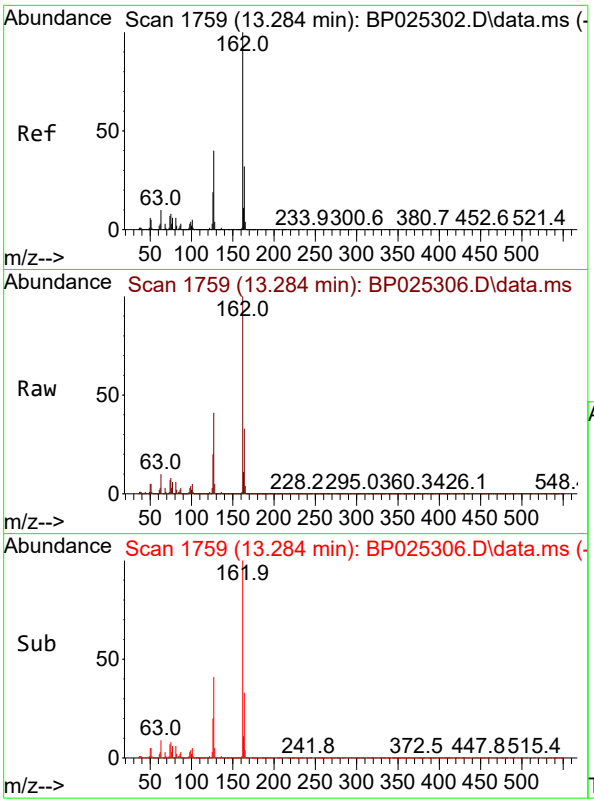


#46
1,1'-Biphenyl
Concen: 37.601 ng
RT: 13.242 min Scan# 1752
Delta R.T. -0.001 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:154 Resp: 2225078

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	13.1	0.0	33.2

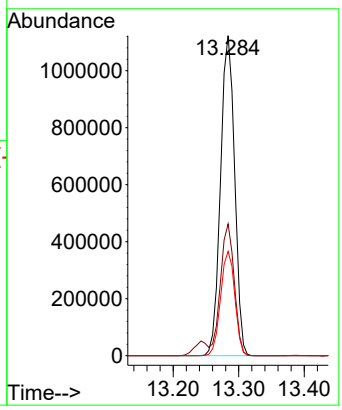




#47
2-Chloronaphthalene
Concen: 36.992 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:162 Resp: 167007

Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.2	48.2
164	32.6	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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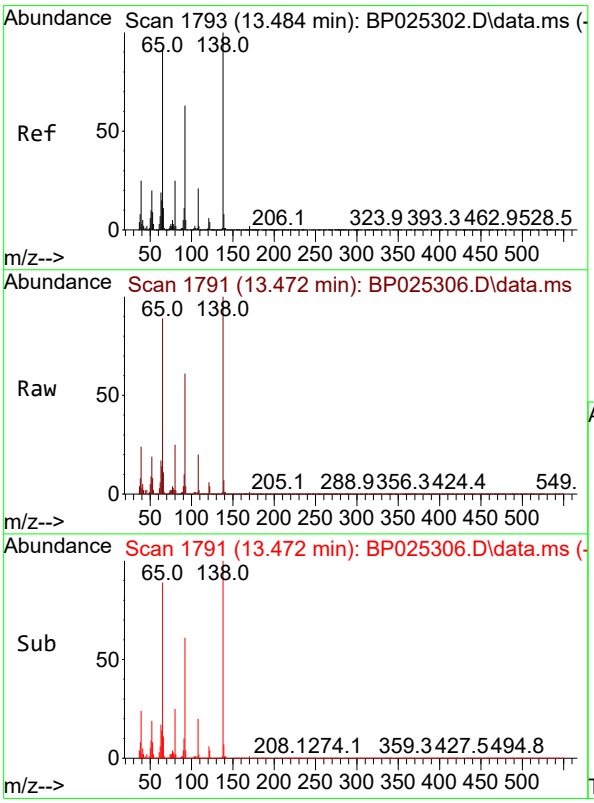
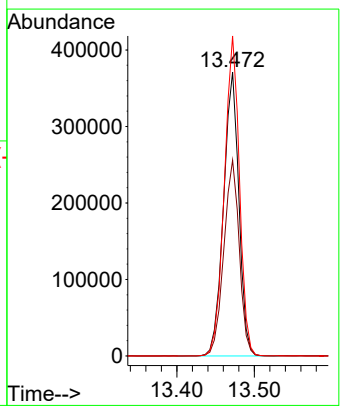
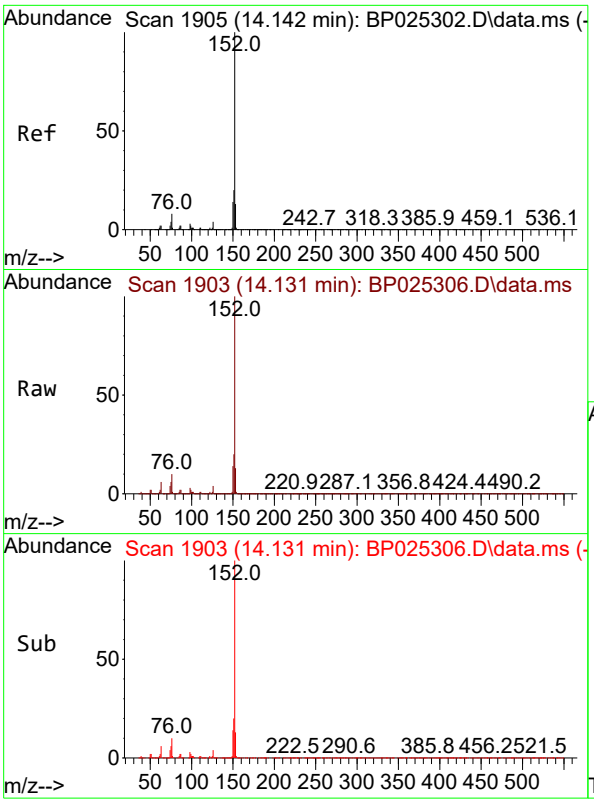


#48
2-Nitroaniline
Concen: 39.111 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 65 Resp: 509511

Ion	Ratio	Lower	Upper
65	100		
92	69.0	54.4	81.6
138	112.8	87.0	130.4

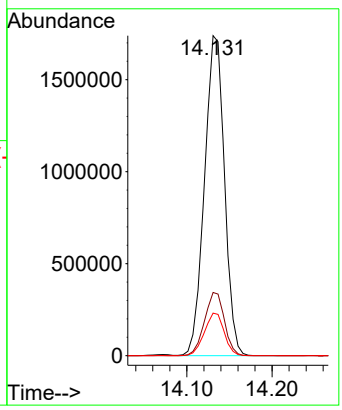




#49
Acenaphthylene
Concen: 37.711 ng
RT: 14.131 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:152 Resp: 283989

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.3	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
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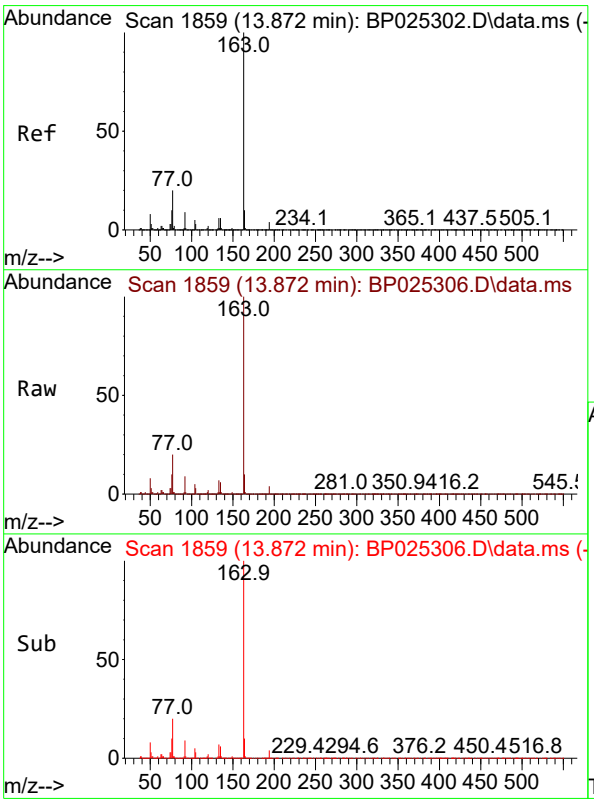
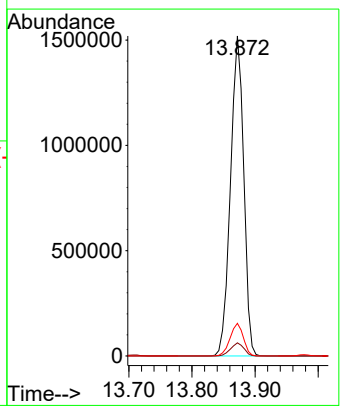
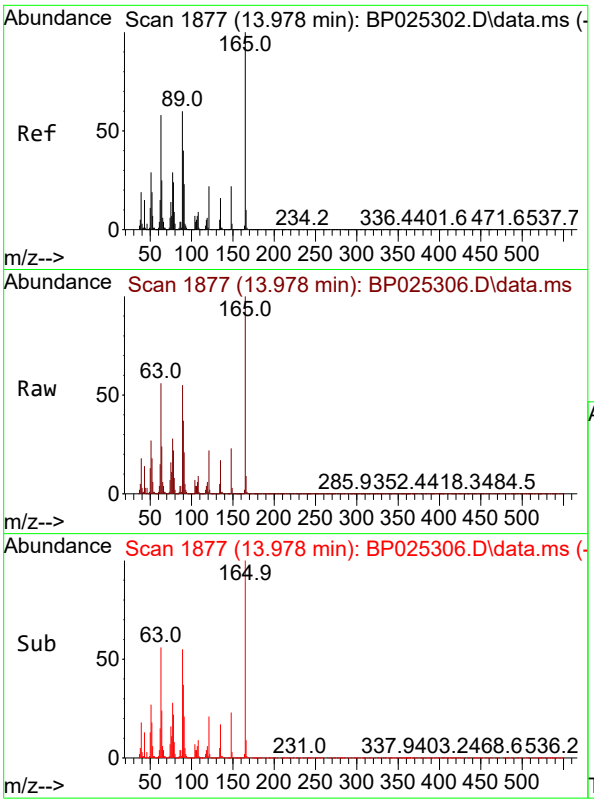


#50
Dimethylphthalate
Concen: 37.765 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:163 Resp: 2210689

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 42.979 ng
RT: 13.978 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:165 Resp: 46406

Ion	Ratio	Lower	Upper
165	100		
63	55.6	47.6	71.4
89	54.8	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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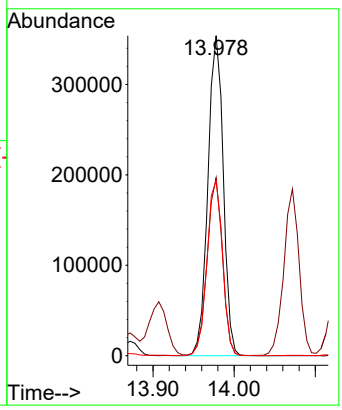
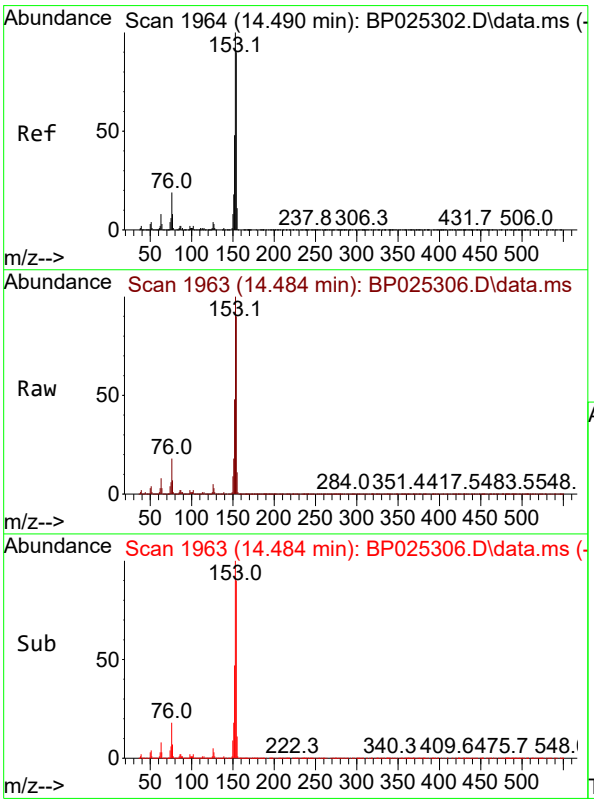
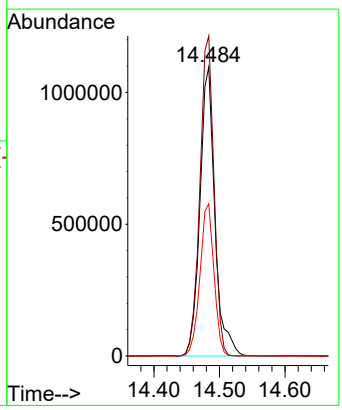


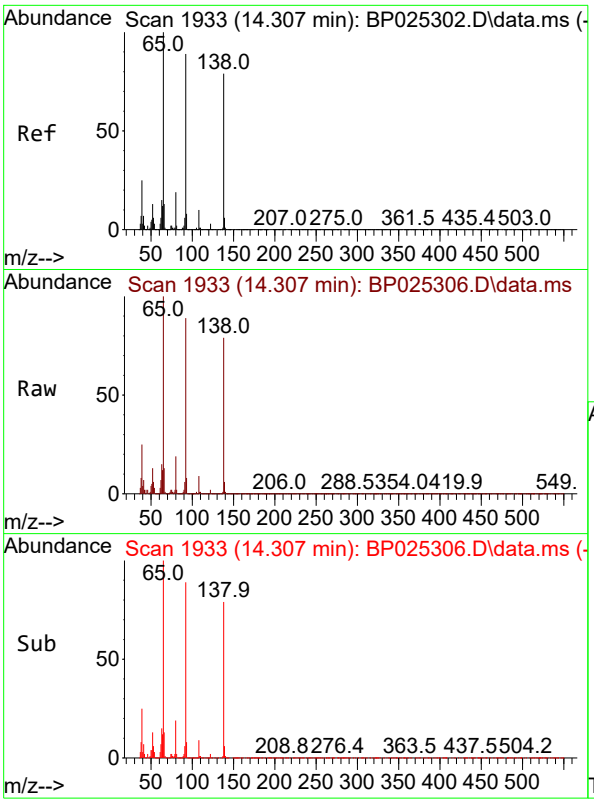


#52
Acenaphthene
Concen: 37.908 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:154 Resp: 1741305

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.4	134.0
152	52.6	43.0	64.6





#53
3-Nitroaniline
Concen: 42.925 ng
RT: 14.307 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:138 Resp: 54233

Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.5	15.7
92	113.5	90.9	136.3

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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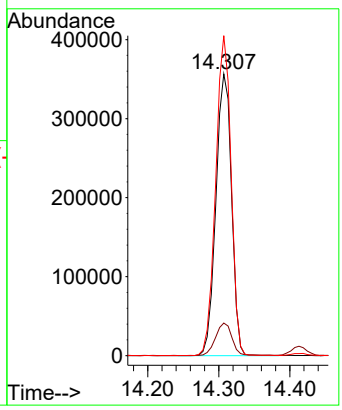
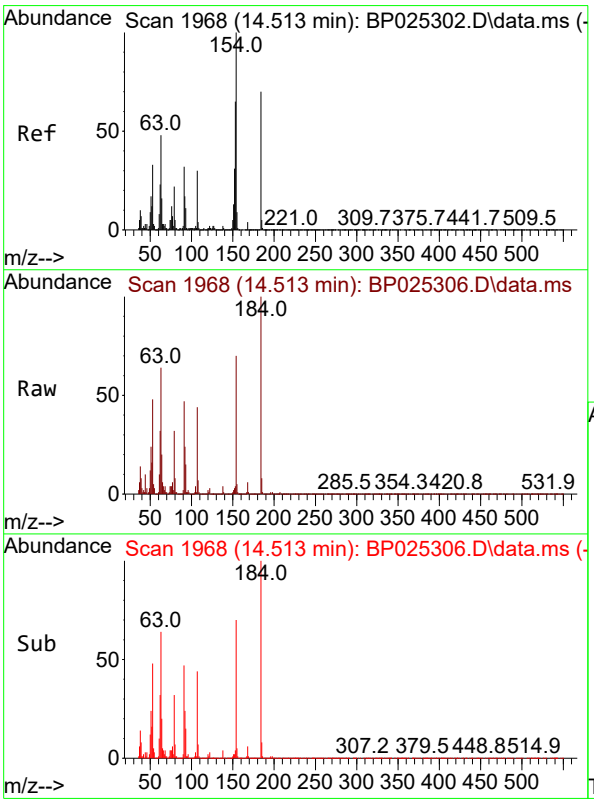
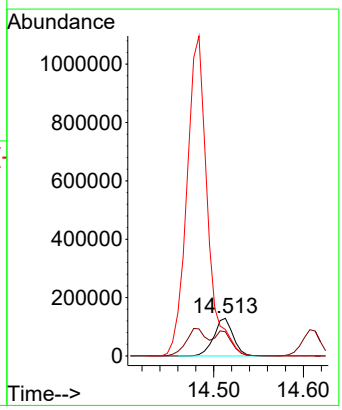


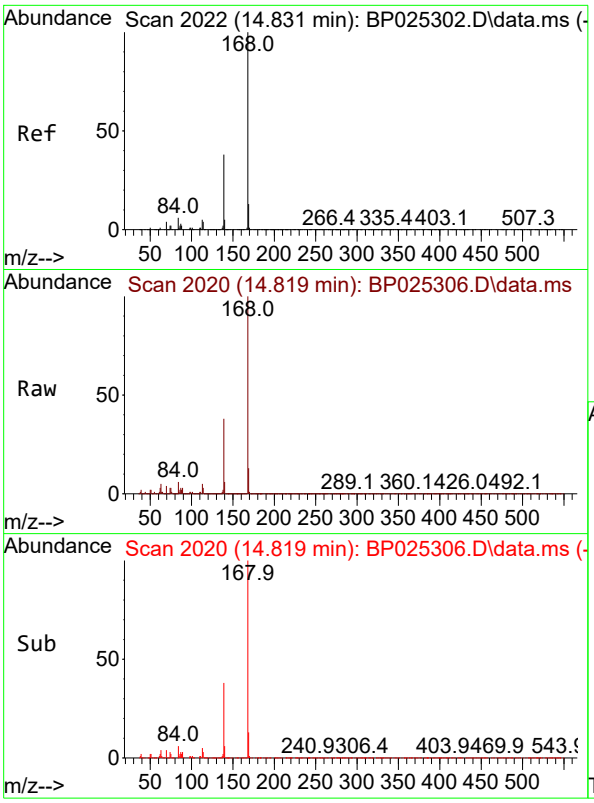


#54
2,4-Dinitrophenol
Concen: 44.579 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:184 Resp: 192889

Ion	Ratio	Lower	Upper
184	100		
63	64.3	56.3	84.5
154	70.3	124.5	186.7#

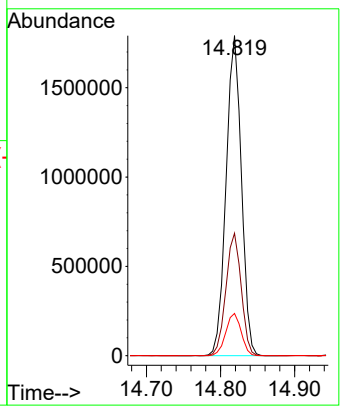




#55
Dibenzofuran
Concen: 37.357 ng
RT: 14.819 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:168 Resp: 256438

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.5	45.7
169	13.2	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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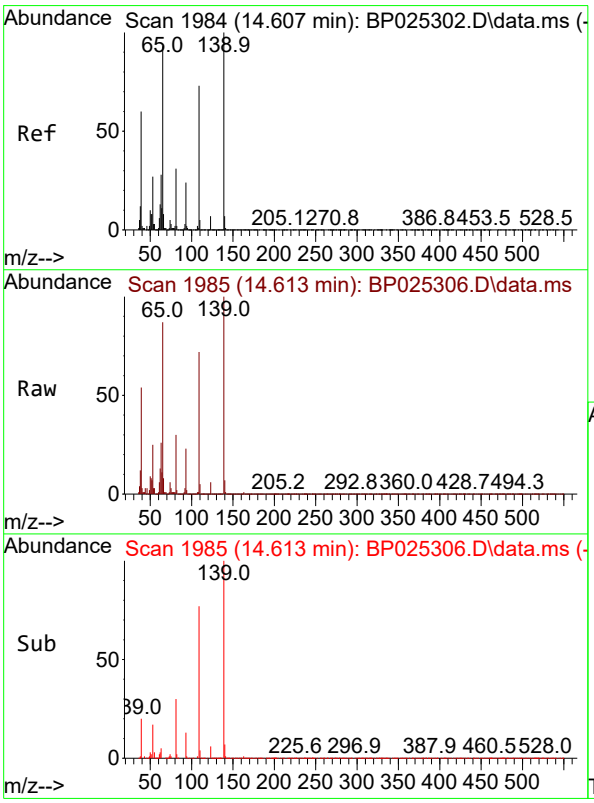
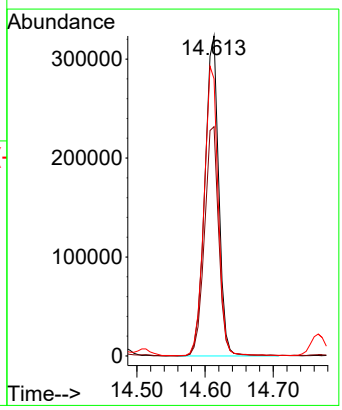
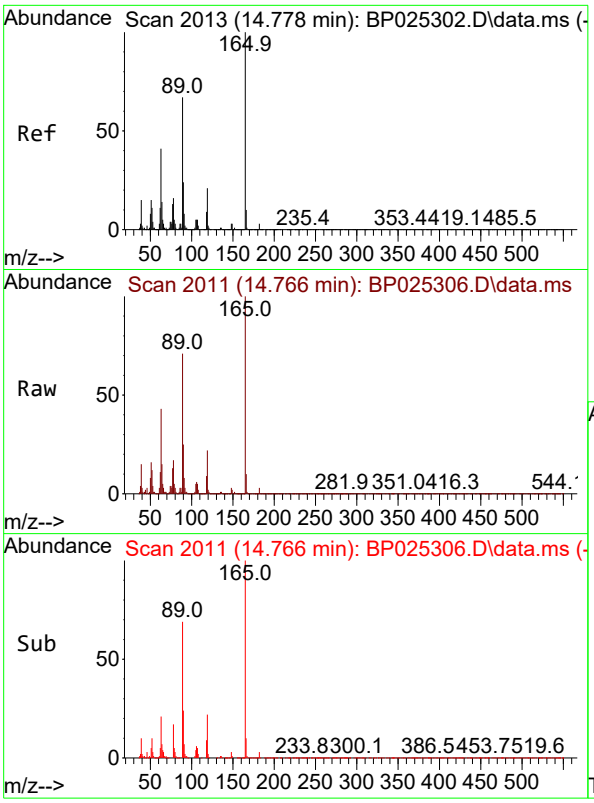


#56
4-Nitrophenol
Concen: 41.198 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:139 Resp: 459387

Ion	Ratio	Lower	Upper
139	100		
109	71.6	52.7	92.7
65	86.6	73.4	113.4

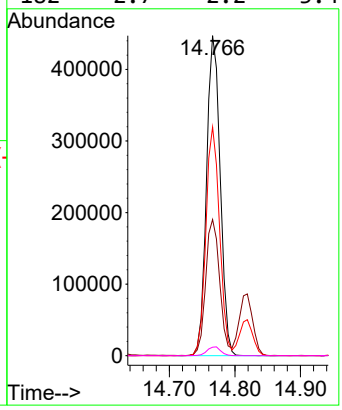




#57
2,4-Dinitrotoluene
Concen: 39.363 ng
RT: 14.766 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:165 Resp: 64833

Ion	Ratio	Lower	Upper
165	100		
63	42.6	33.2	49.8
89	71.5	53.5	80.3
182	2.7	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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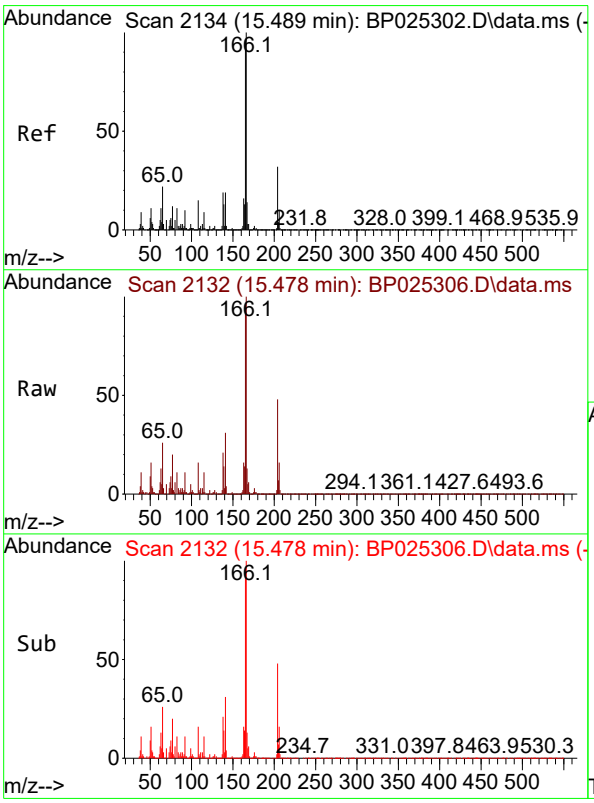
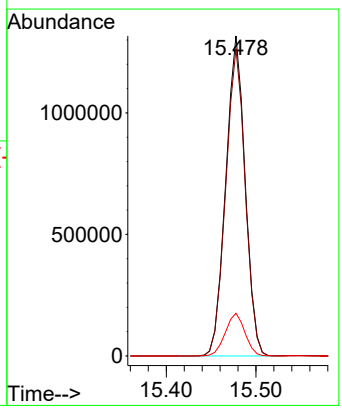
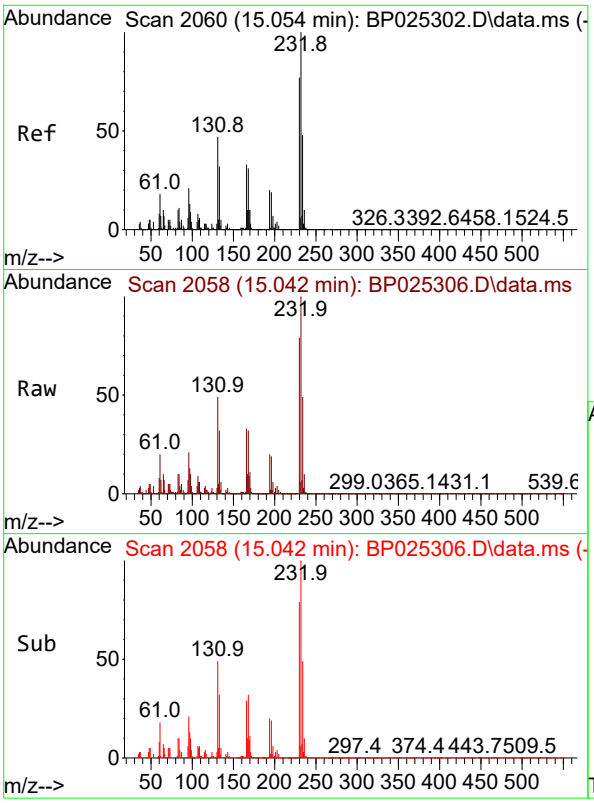


#58
Fluorene
Concen: 36.584 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:166 Resp: 1972403

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.7	115.1
167	13.4	10.9	16.3

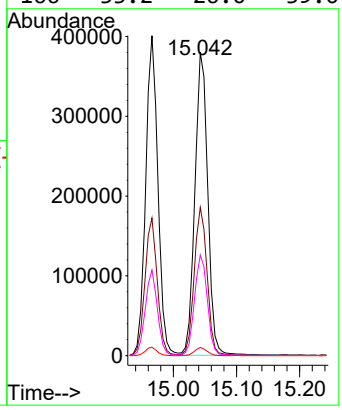




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.516 ng
RT: 15.042 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:232 Resp: 53767

Ion	Ratio	Lower	Upper
232	100		
131	48.5	39.3	58.9
130	2.6	2.2	3.2
166	33.2	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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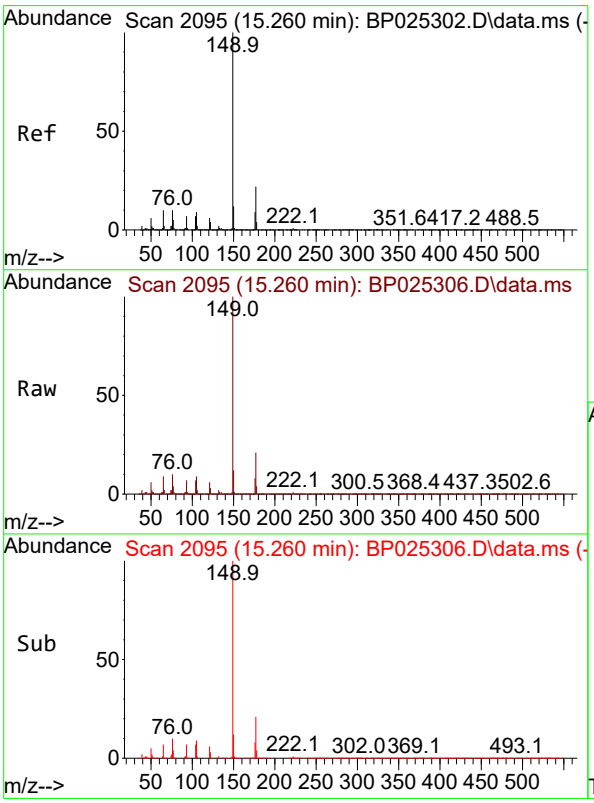
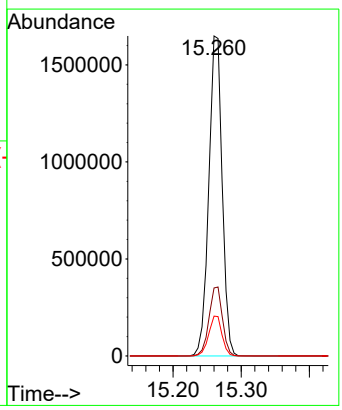
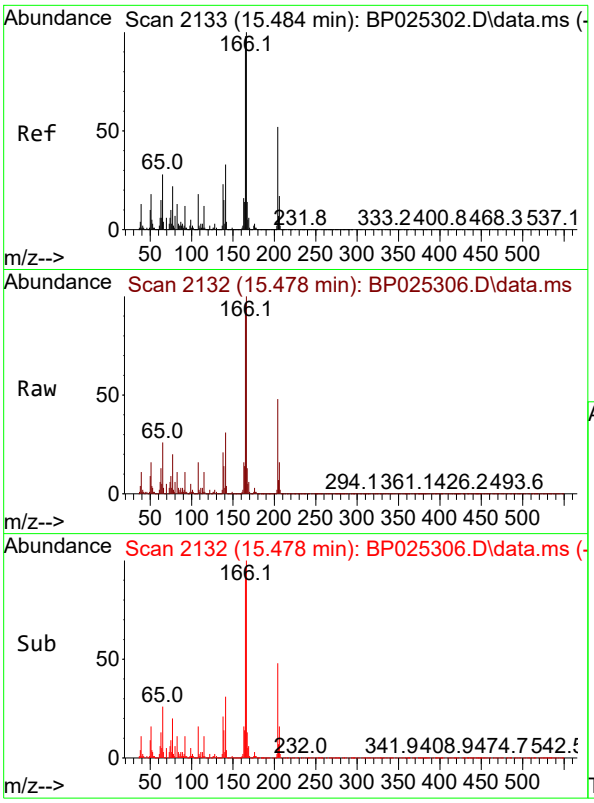


#60
Diethylphthalate
Concen: 38.127 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:149 Resp: 2250136

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.4	9.8	14.8

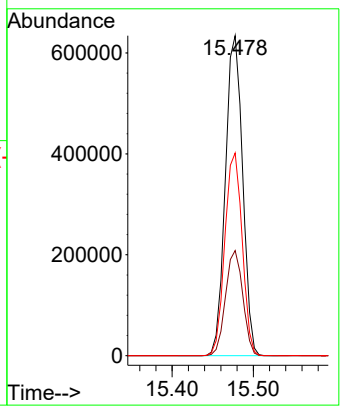




#61
4-Chlorophenyl-phenylether
Concen: 36.635 ng
RT: 15.478 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:204 Resp: 93637

Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.0	40.4
141	63.4	50.3	75.5



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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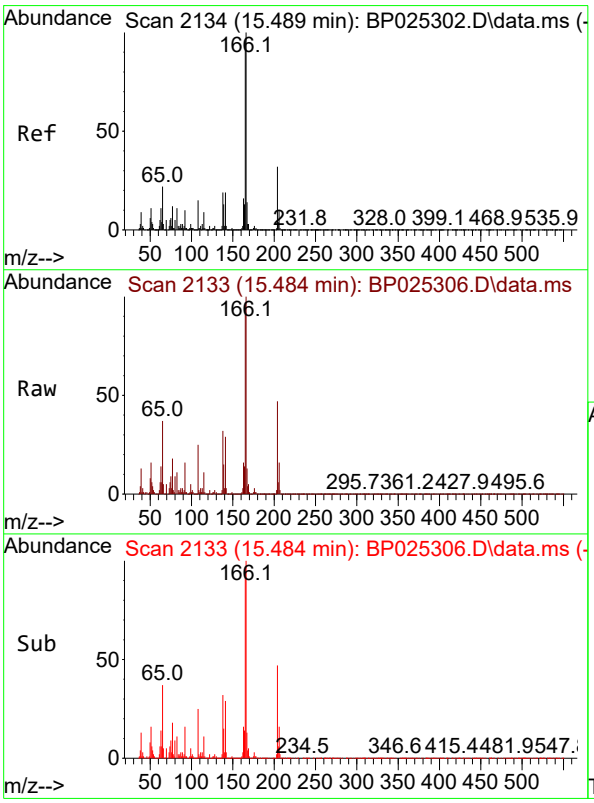
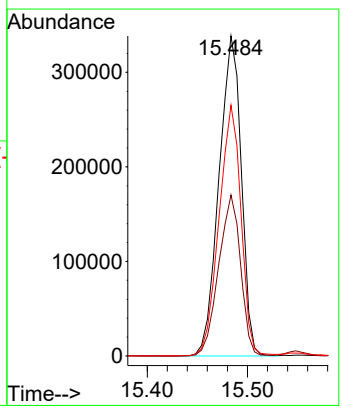
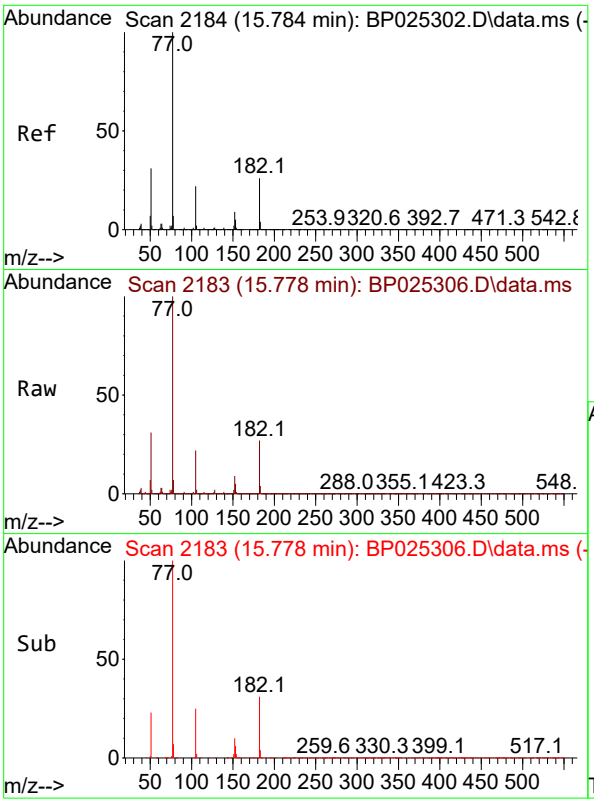


#62
4-Nitroaniline
Concen: 41.652 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:138 Resp: 521442

Ion	Ratio	Lower	Upper
138	100		
92	50.3	29.8	69.8
108	78.3	56.6	96.6

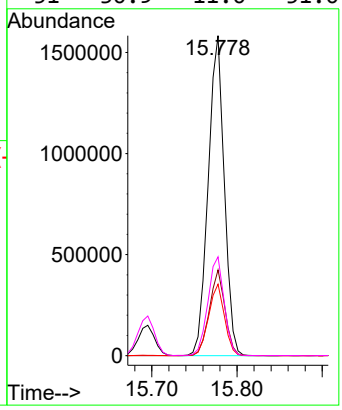




#63
Azobenzene
Concen: 37.866 ng
RT: 15.778 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion: 77 Resp: 207603

Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.0	46.0
105	22.4	2.1	42.1
51	30.9	11.0	51.0



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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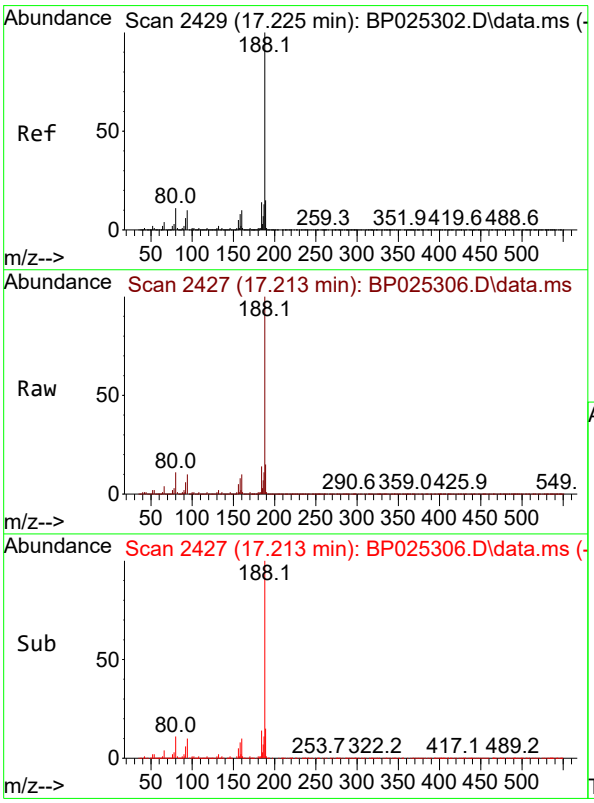
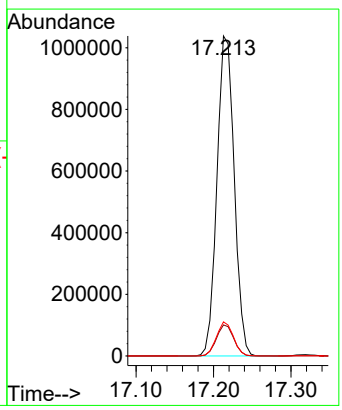
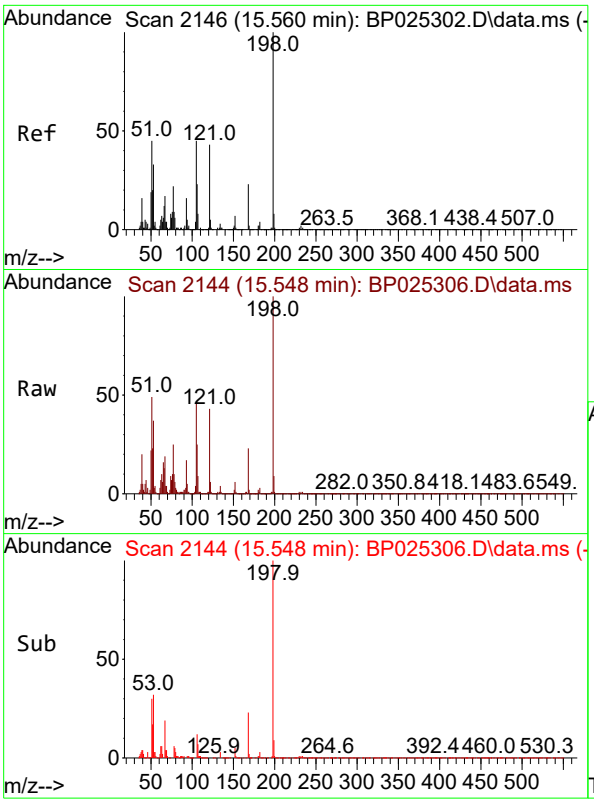


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:188 Resp: 1605717

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.7	8.5	12.7

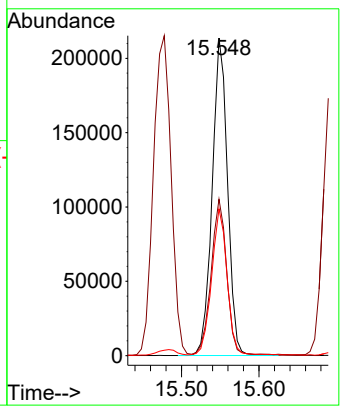




#65
4,6-Dinitro-2-methylphenol
Concen: 43.059 ng
RT: 15.548 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:198 Resp: 29369

Ion	Ratio	Lower	Upper
198	100		
51	49.3	26.7	66.7
105	46.2	25.6	65.6



Instrument :
BNA_P
ClientSampleId :
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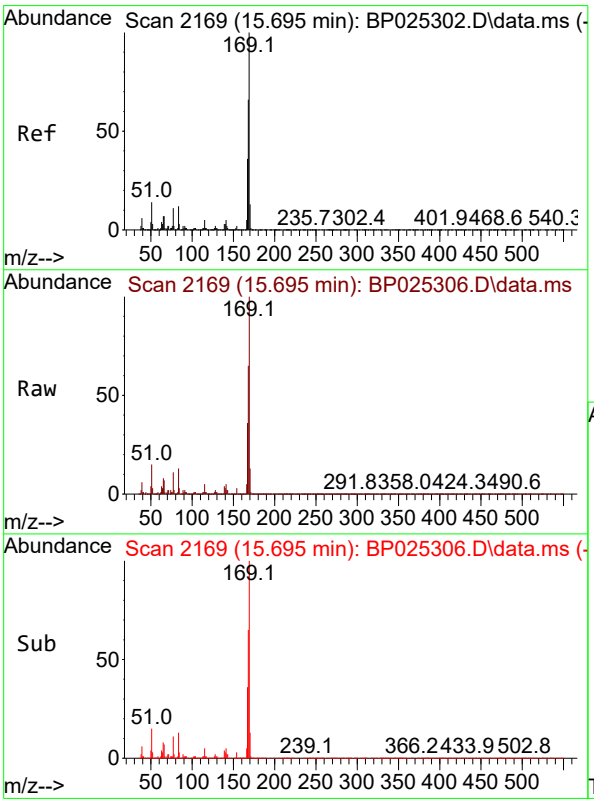
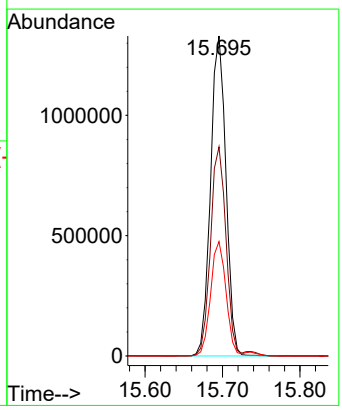
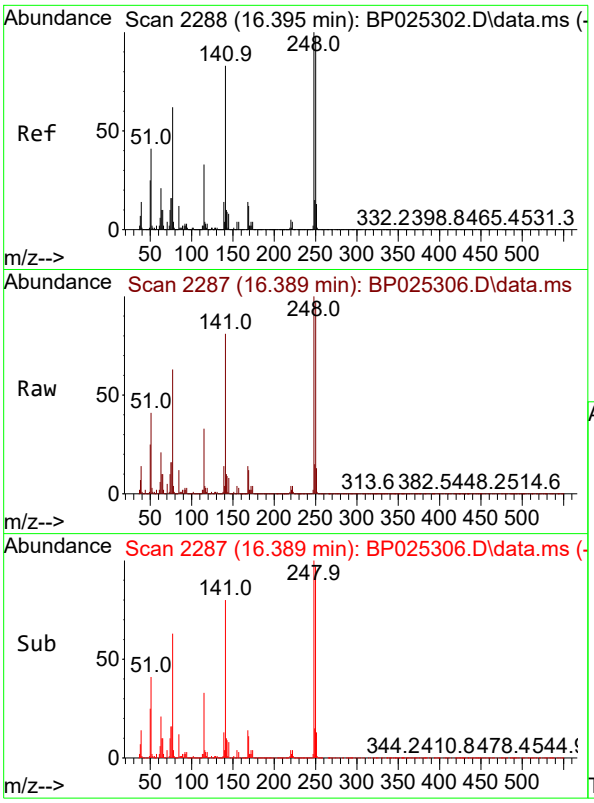


#66
n-Nitrosodiphenylamine
Concen: 37.466 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:169 Resp: 1831755

Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.8	79.2
167	35.8	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 37.882 ng
RT: 16.389 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:248 Resp: 61202

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.6	117.8
141	80.7	66.6	99.8

Instrument :
BNA_P
ClientSampleId :
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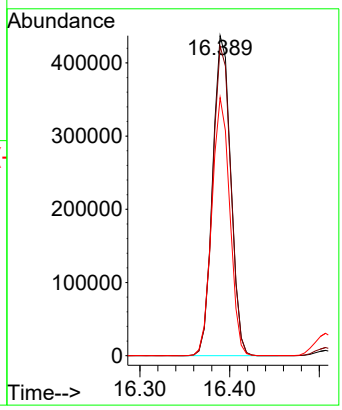
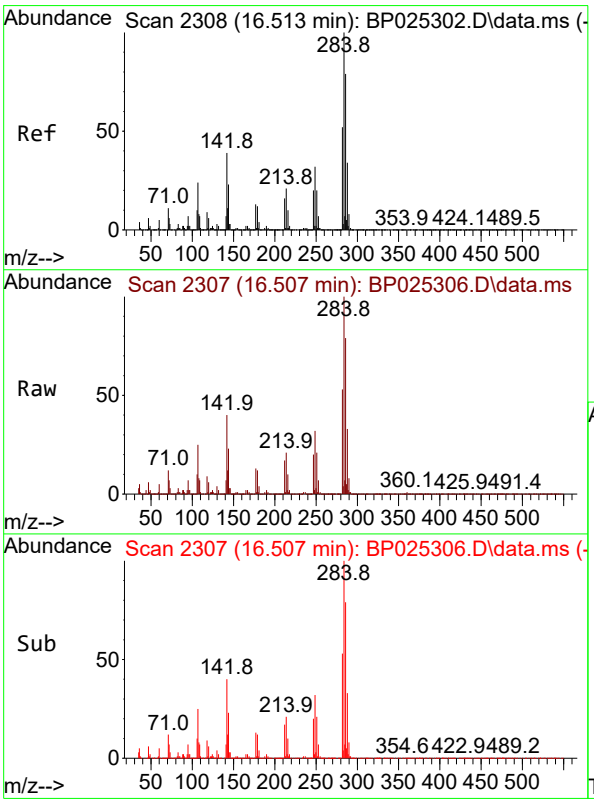
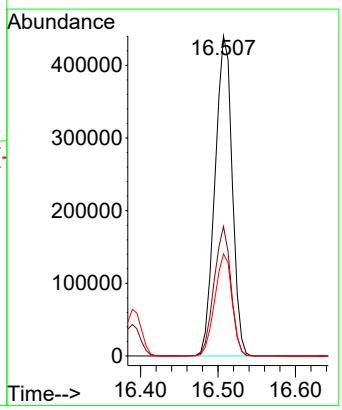


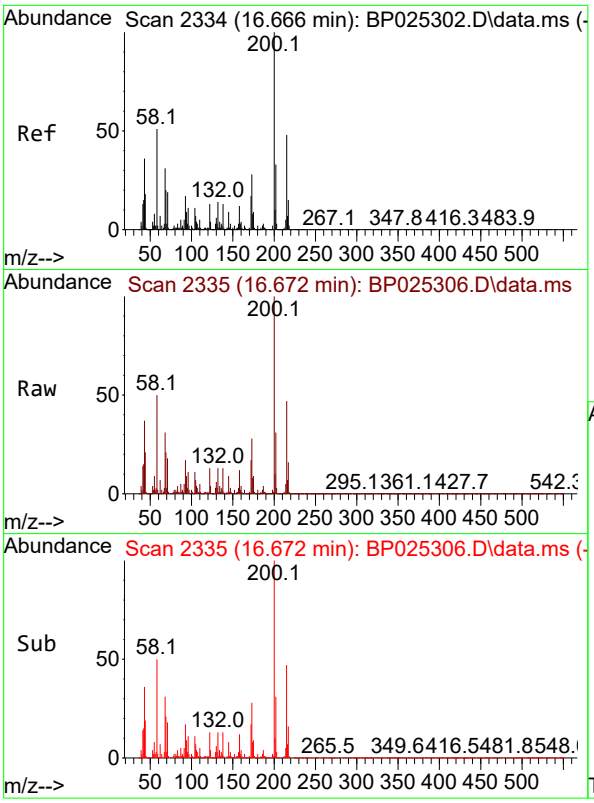


#68
Hexachlorobenzene
Concen: 37.437 ng
RT: 16.507 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:284 Resp: 678667

Ion	Ratio	Lower	Upper
284	100		
142	40.5	30.8	46.2
249	31.9	25.4	38.0

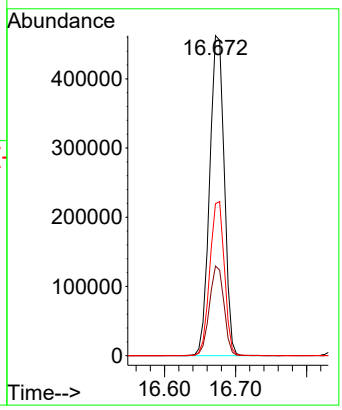




#69
Atrazine
Concen: 38.434 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:200 Resp: 66081

Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.2	48.2
215	47.5	28.1	68.1



Instrument :
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ClientSampleId :
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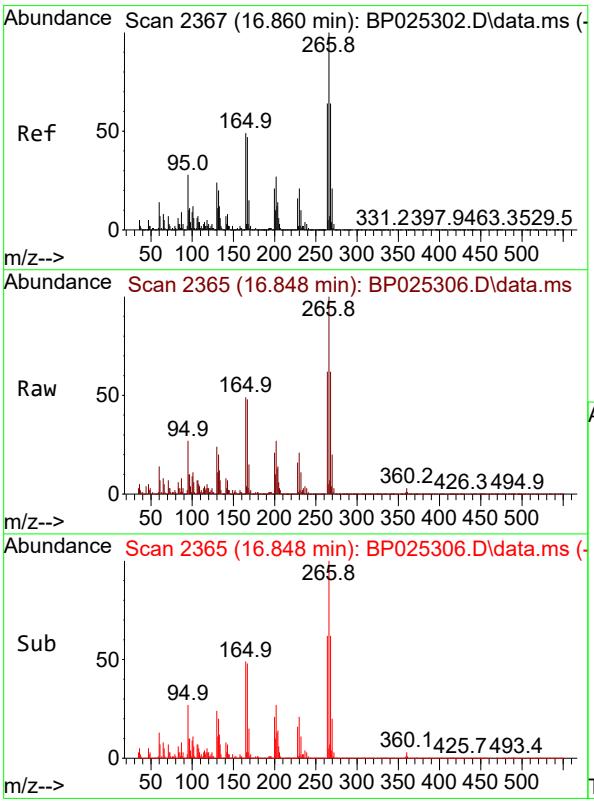
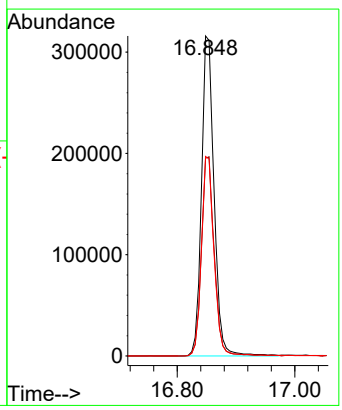
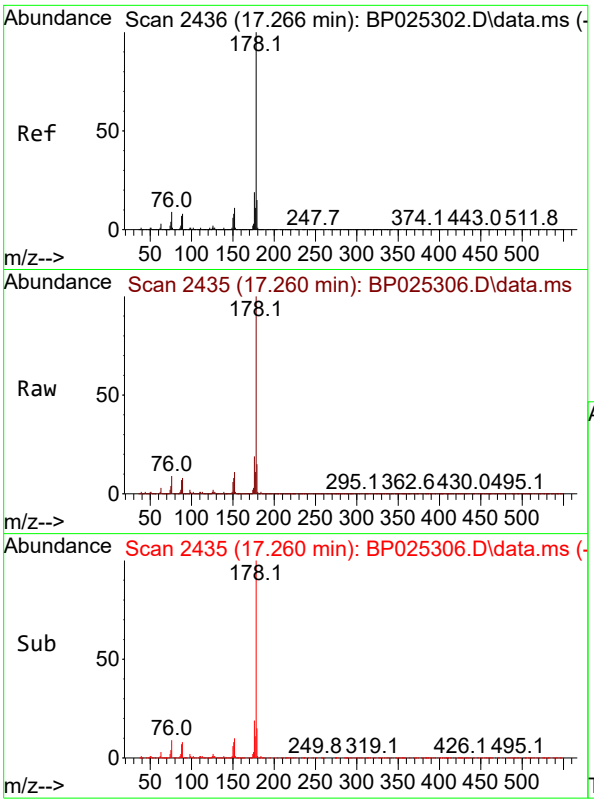


#70
Pentachlorophenol
Concen: 40.655 ng
RT: 16.848 min Scan# 2365
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:266 Resp: 469548

Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.4	77.0
264	62.4	51.1	76.7

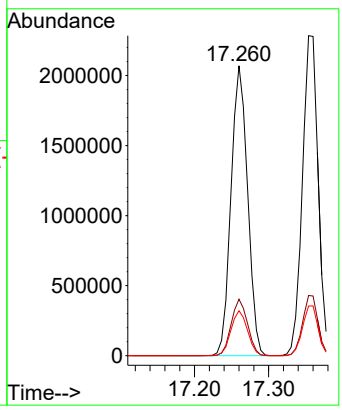




#71
Phenanthrene
Concen: 36.596 ng
RT: 17.260 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:178 Resp: 321848

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.5	12.1	18.1



Instrument :
BNA_P
ClientSampleId :
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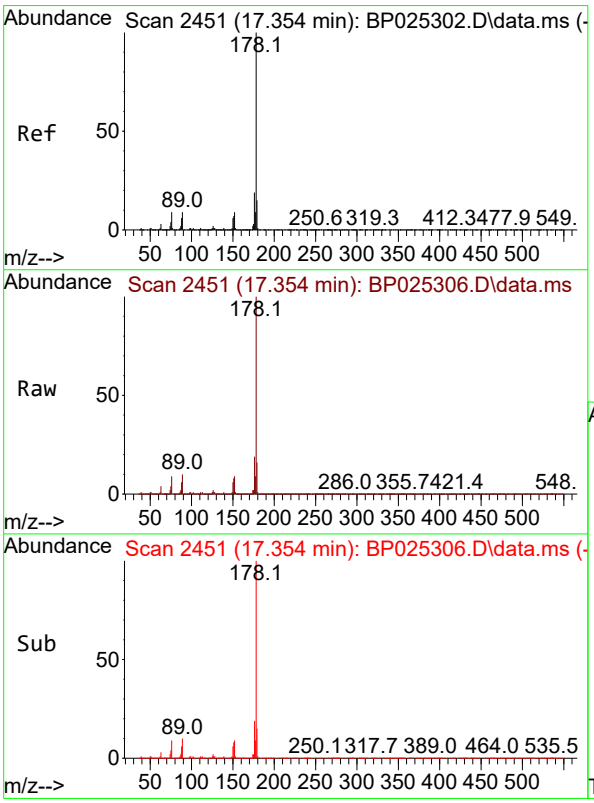
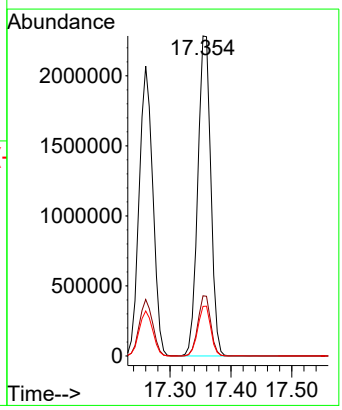
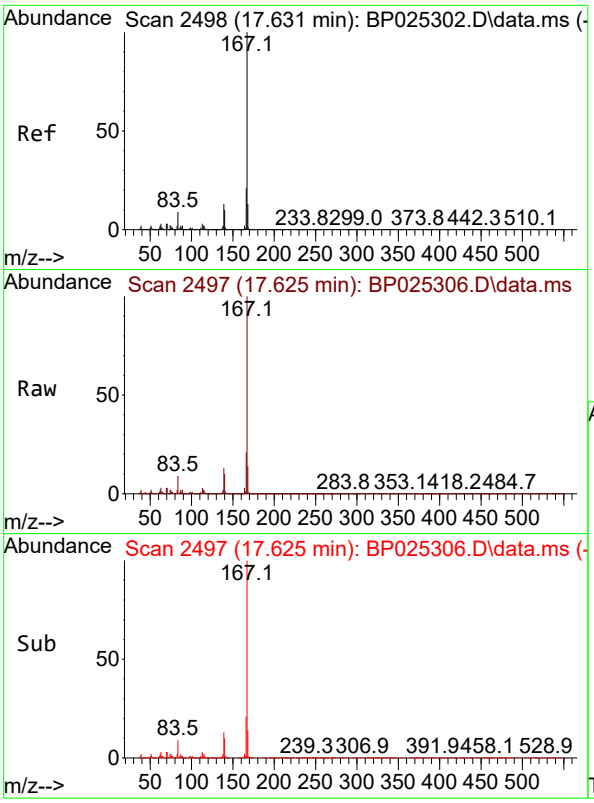


#72
Anthracene
Concen: 38.053 ng
RT: 17.354 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:178 Resp: 3374425

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.5	12.3	18.5

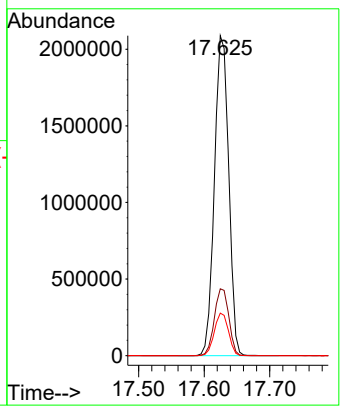




#73
Carbazole
Concen: 36.915 ng
RT: 17.625 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:167 Resp: 314227

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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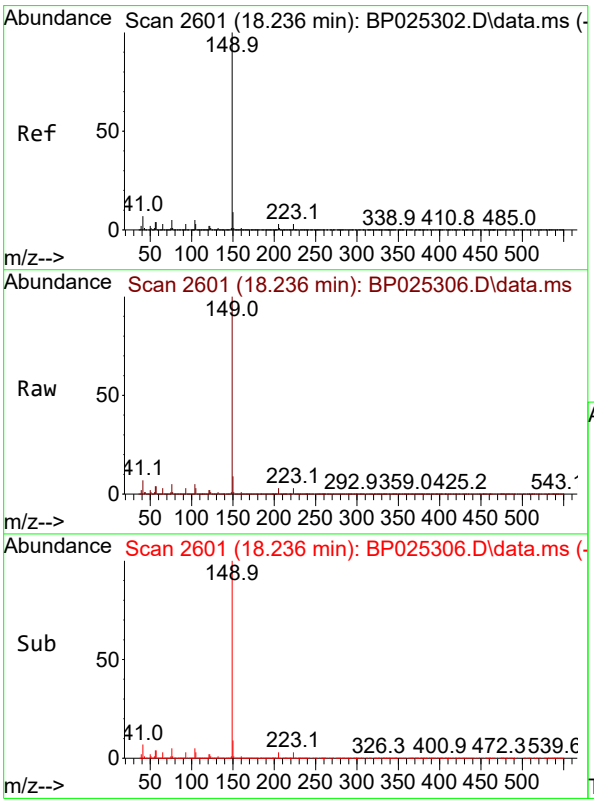
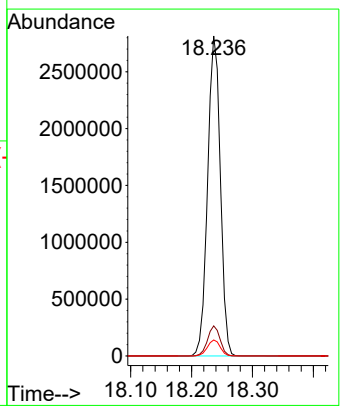
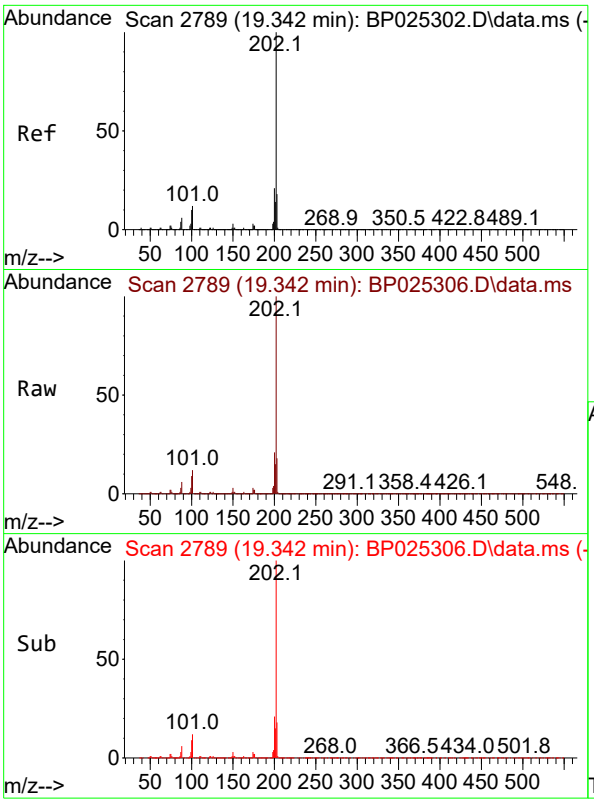


#74
Di-n-butylphthalate
Concen: 39.636 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:149 Resp: 4081711

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.0	4.1	6.1

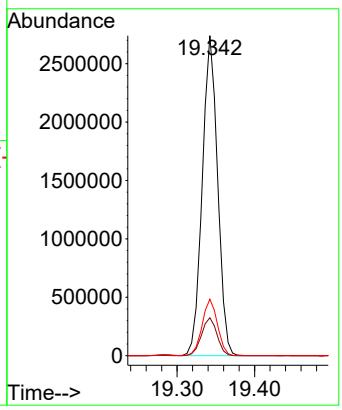




#75
Fluoranthene
Concen: 36.904 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:202 Resp: 375723

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.5
203	17.7	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

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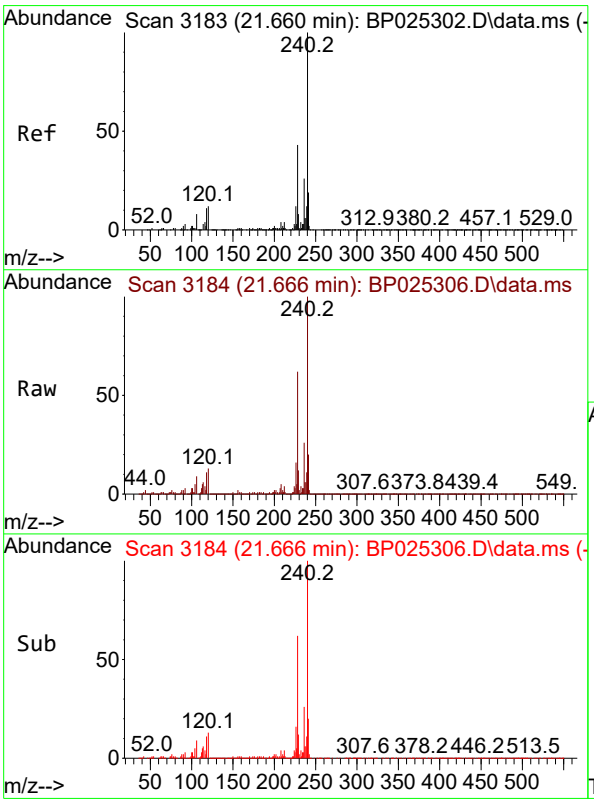
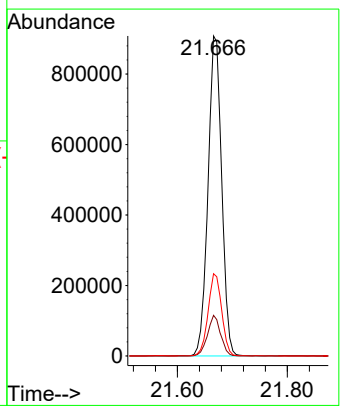
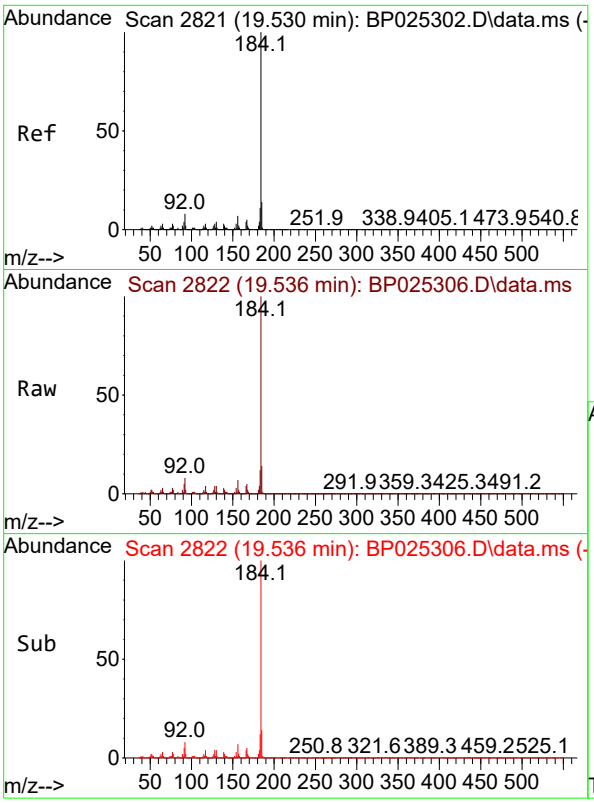


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:240 Resp: 1565231

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.6	14.4
236	25.7	20.4	30.6

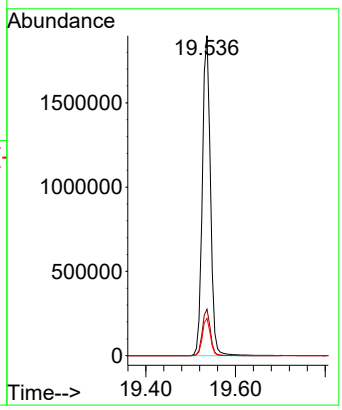




#77
Benzidine
Concen: 42.024 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:184 Resp: 238075

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.0	16.6
183	11.6	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
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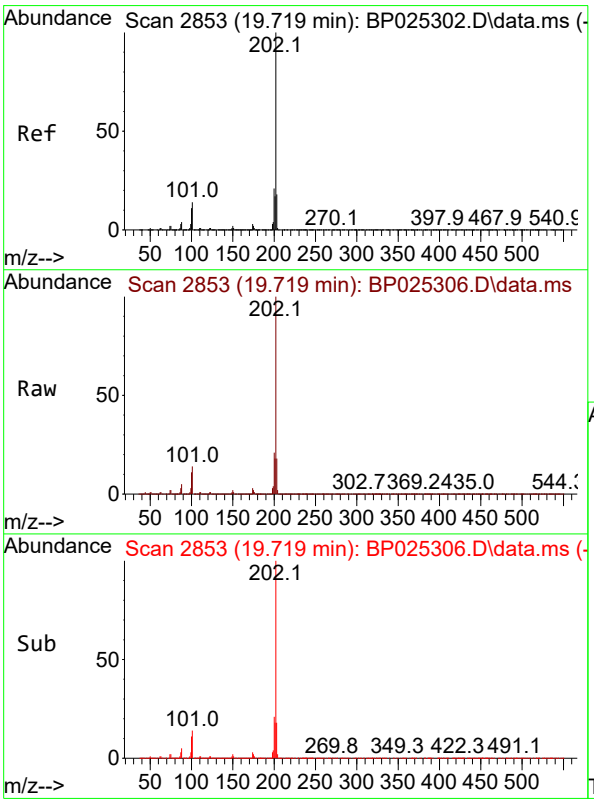
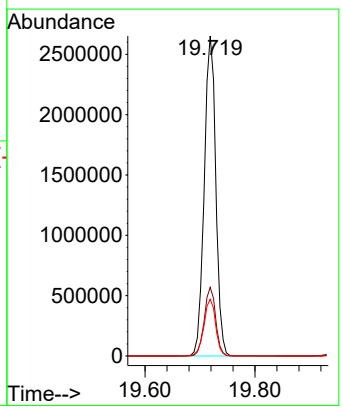
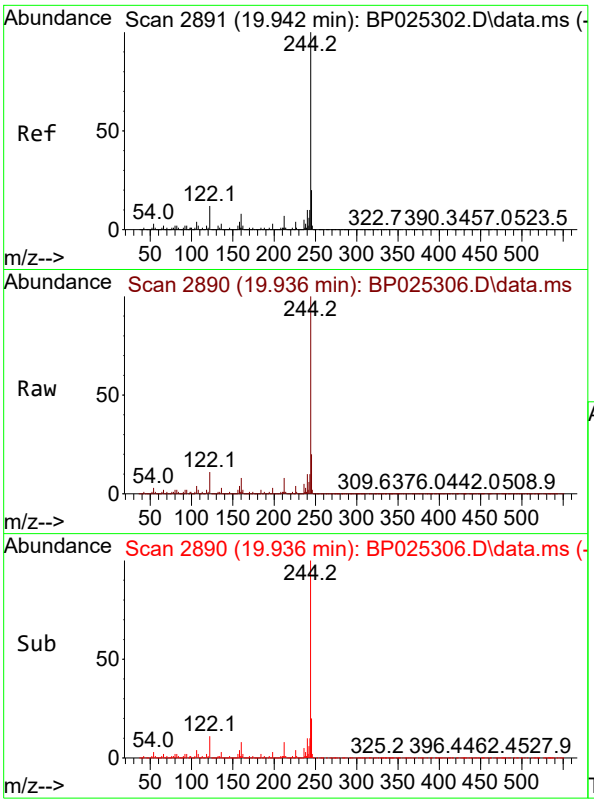


#78
Pyrene
Concen: 37.027 ng
RT: 19.719 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:202 Resp: 3853987

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	17.8	14.1	21.1

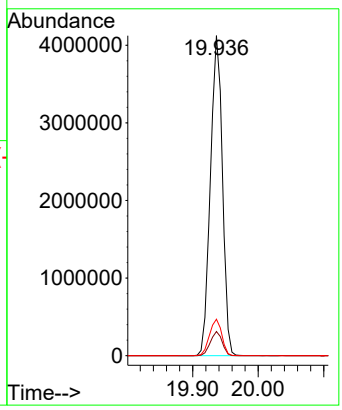




#79
Terphenyl-d14
Concen: 63.367 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:244 Resp: 525122

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.4	9.5	14.3



Instrument :
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ClientSampleId :
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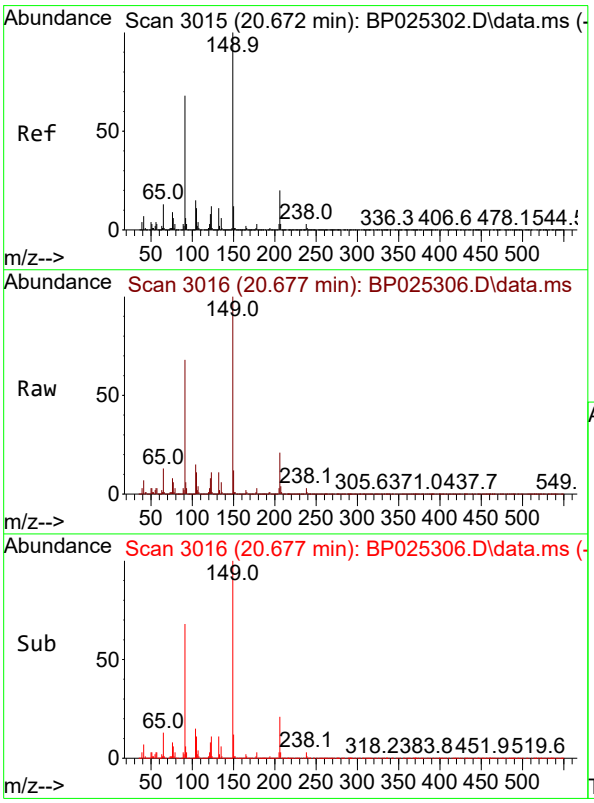
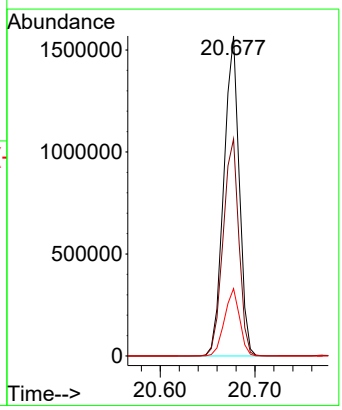
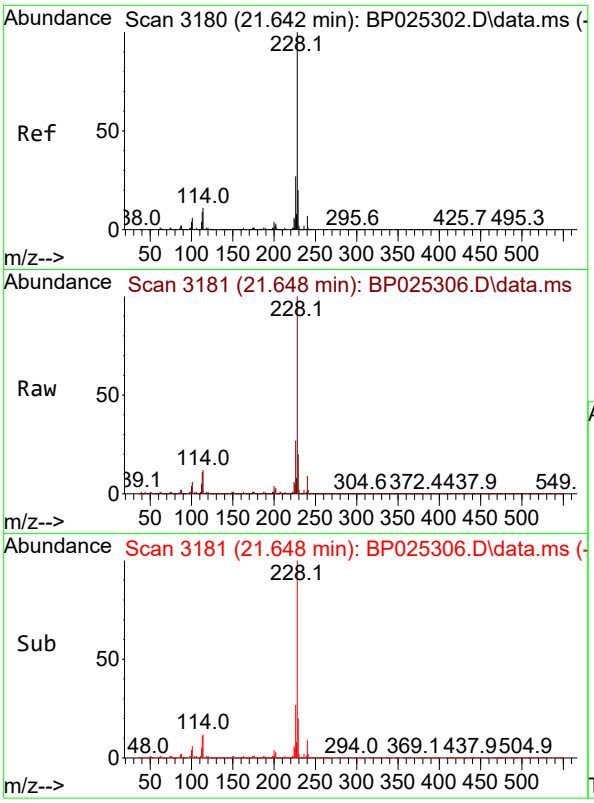


#80
Butylbenzylphthalate
Concen: 42.064 ng
RT: 20.677 min Scan# 3016
Delta R.T. 0.005 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:149 Resp: 1775636

Ion	Ratio	Lower	Upper
149	100		
91	67.8	54.7	82.1
206	21.1	16.4	24.6

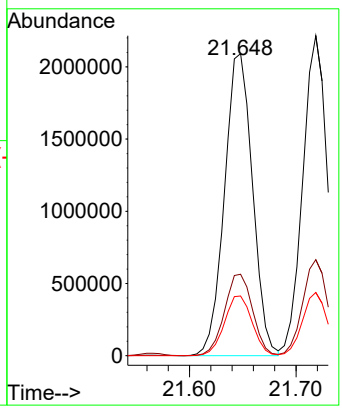




#81
Benzo(a)anthracene
Concen: 36.791 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:228 Resp: 382677

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.8	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
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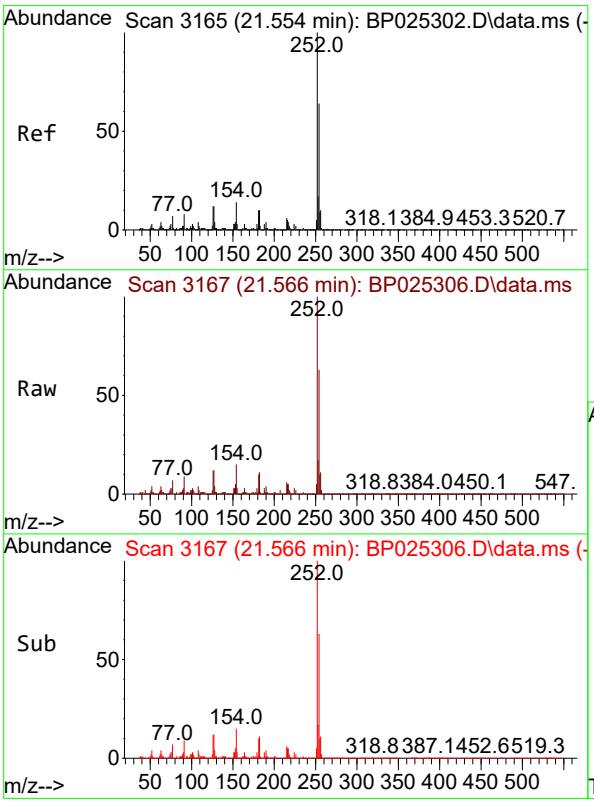
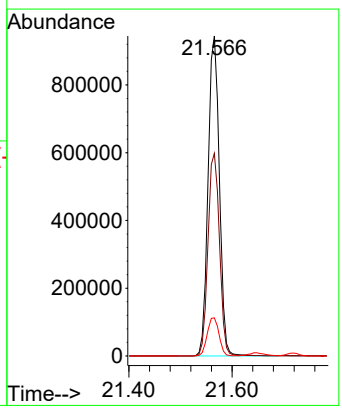
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

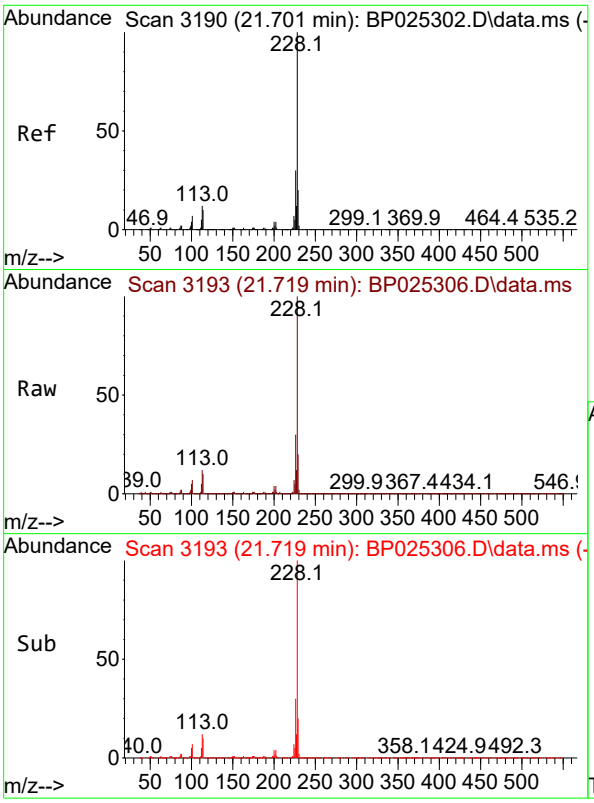


#82
3,3'-Dichlorobenzidine
Concen: 38.998 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:252 Resp: 1431183

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.0	76.6
126	11.9	9.4	14.2

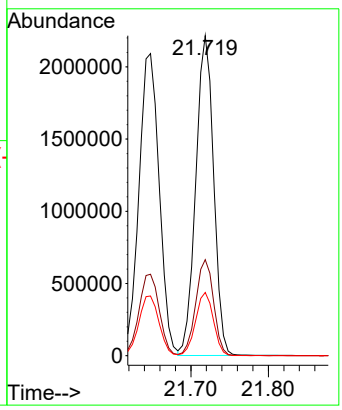




#83
Chrysene
Concen: 36.707 ng
RT: 21.719 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:228 Resp: 354127

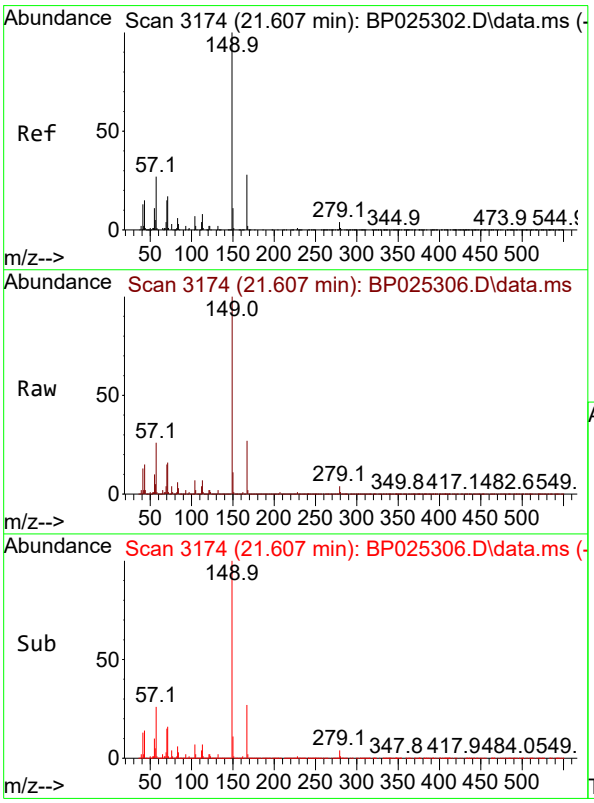
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

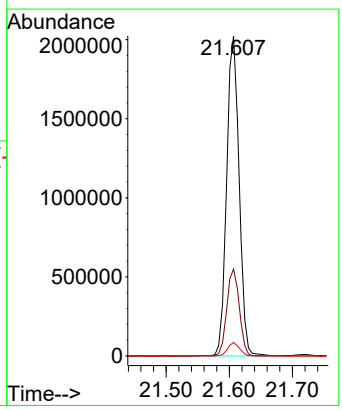
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

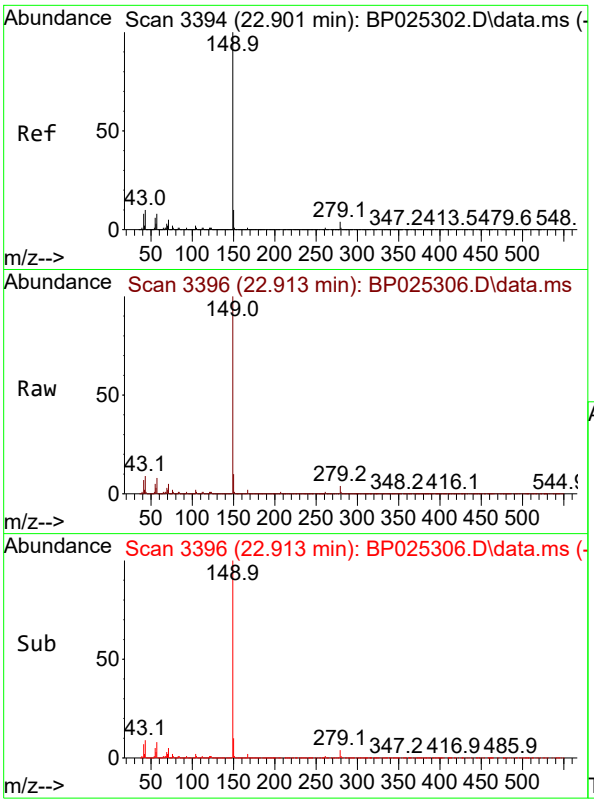


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.026 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:149 Resp: 2765334

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	4.2	3.4	5.2

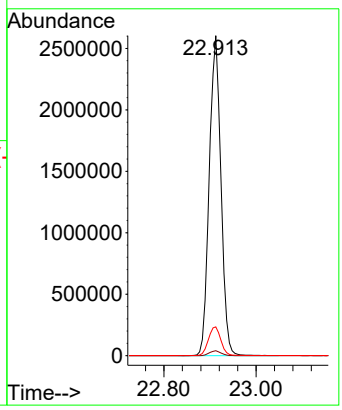




#85
Di-n-octyl phthalate
Concen: 40.723 ng
RT: 22.913 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:149 Resp: 459446

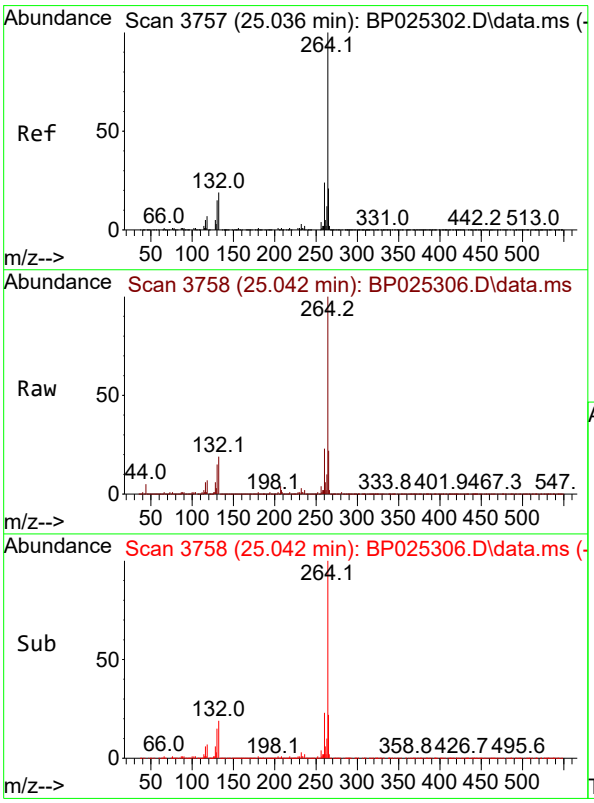
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.6	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

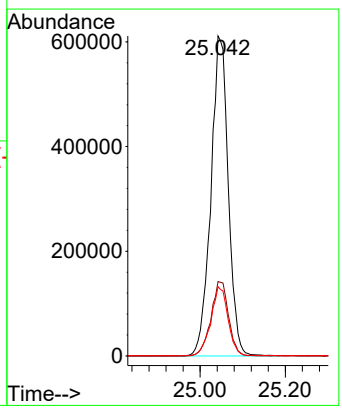
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

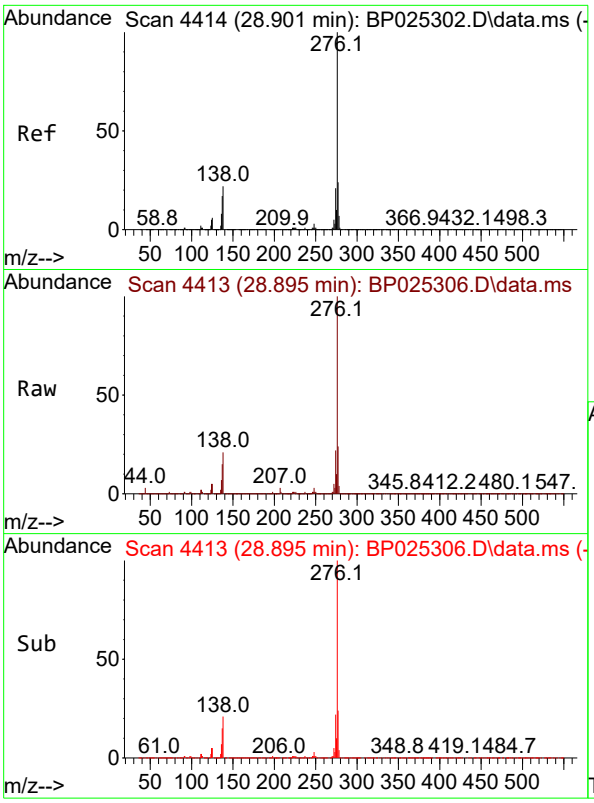


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:264 Resp: 1730065

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.1	25.7

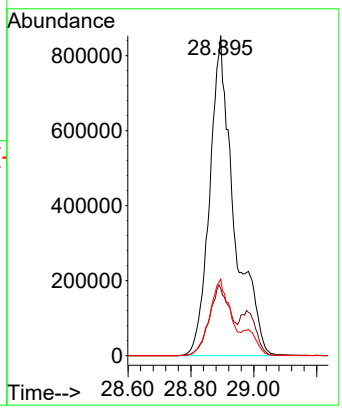




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.054 ng m
RT: 28.895 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:276 Resp: 459486

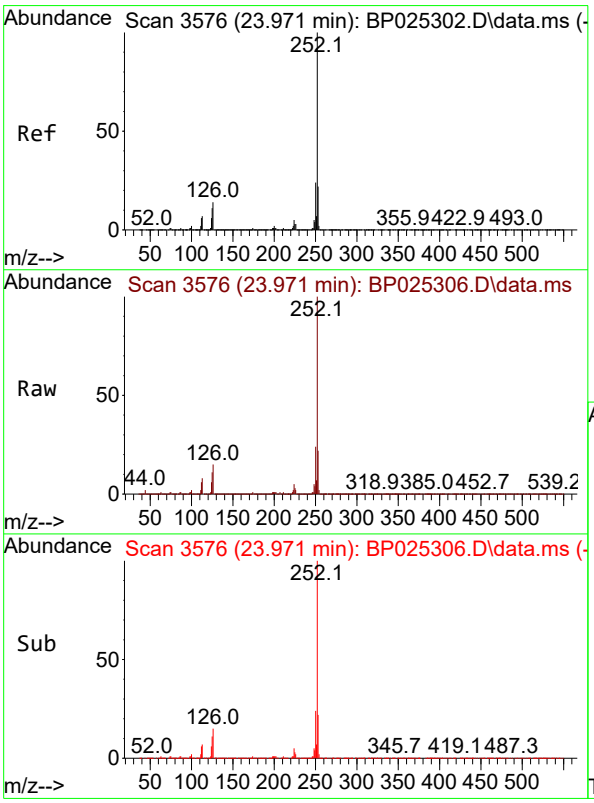
Ion	Ratio	Lower	Upper
276	100		
138	19.2	14.6	22.0
277	20.7	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

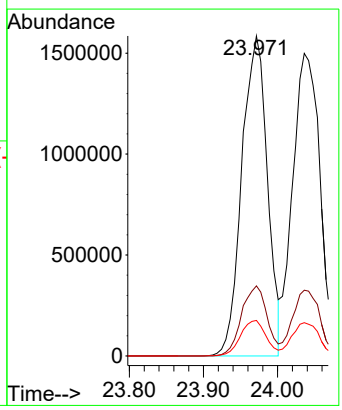
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

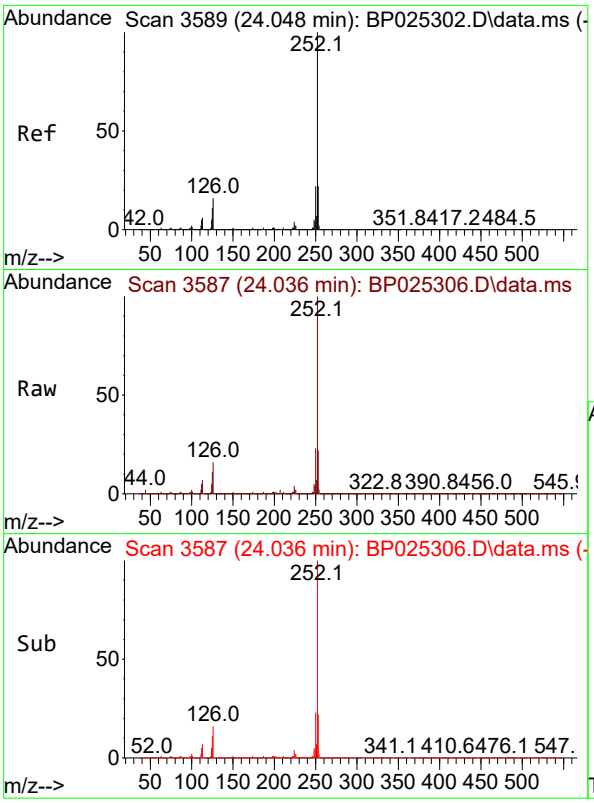


#88
Benzo(b)fluoranthene
Concen: 36.638 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:252 Resp: 3794446

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.1	8.5	12.7

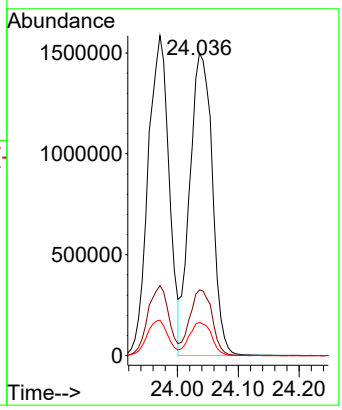




#89
Benzo(k)fluoranthene
Concen: 37.398 ng
RT: 24.036 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:252 Resp: 383946

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.0	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
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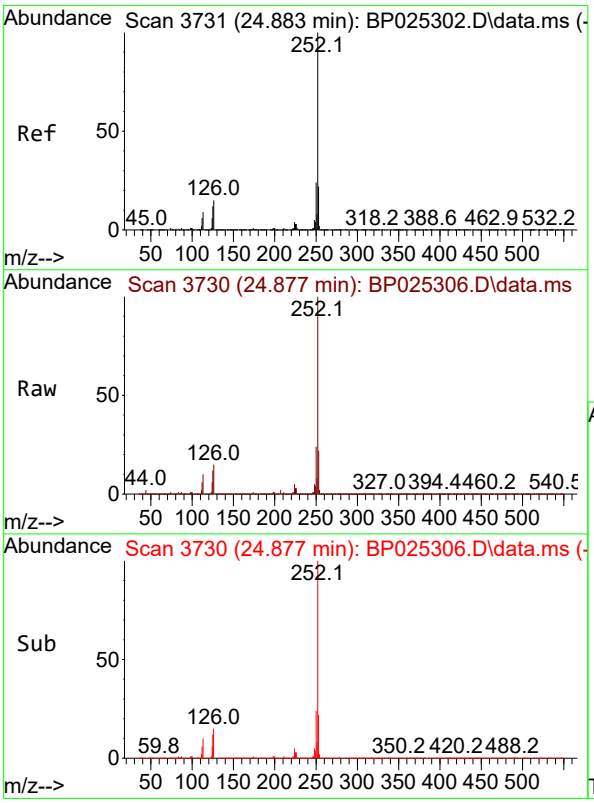
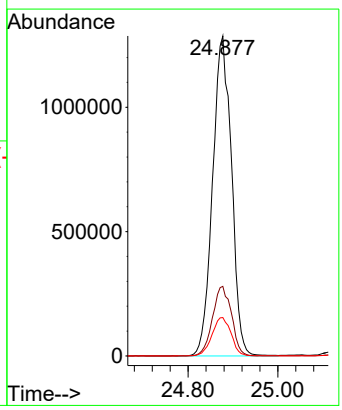
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

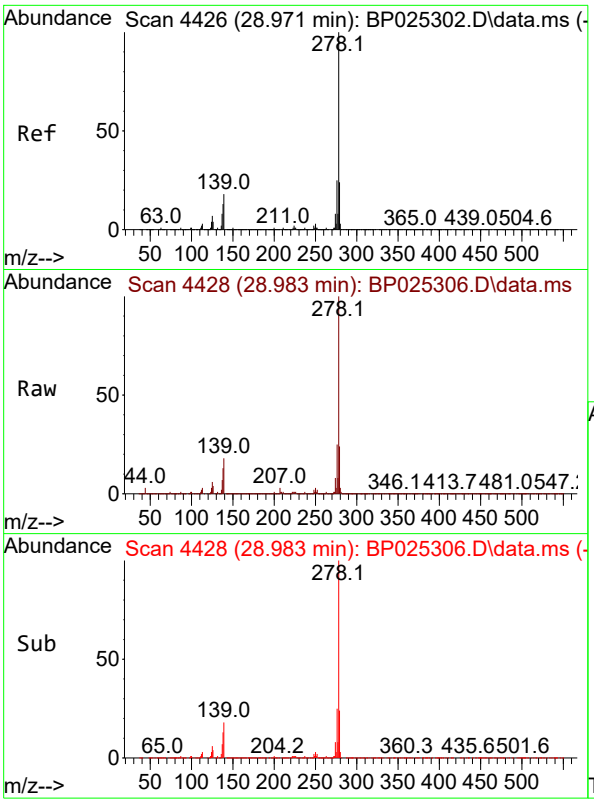


#90
Benzo(a)pyrene
Concen: 37.640 ng
RT: 24.877 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:252 Resp: 3753992

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	12.0	9.4	14.0

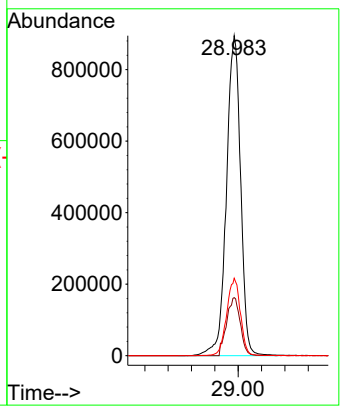




#91
Dibenzo(a,h)anthracene
Concen: 37.050 ng
RT: 28.983 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:278 Resp: 376270

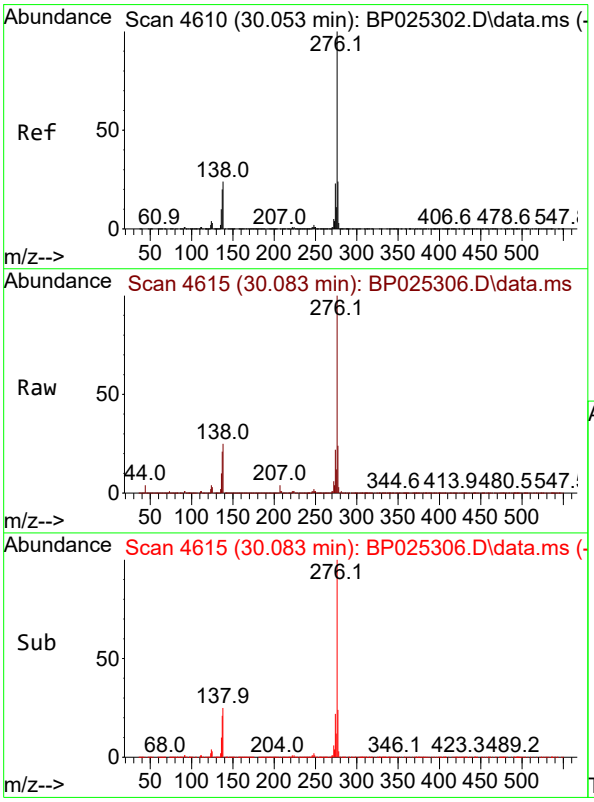
Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.6	22.0
279	24.2	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Manual Integrations
APPROVED

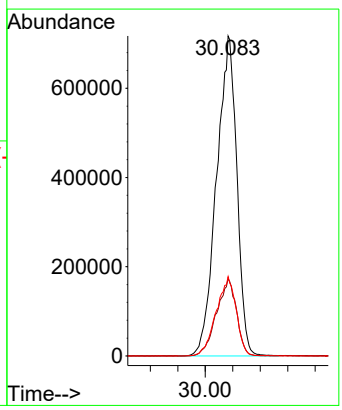
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#92
Benzo(g,h,i)perylene
Concen: 36.870 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.030 min
Lab File: BP025306.D
Acq: 05 Aug 2025 17:32

Tgt Ion:276 Resp: 3674873

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	24.8	19.1	28.7



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	136	0.00
2		1,4-Dioxane	0.491	0.402	18.1	114	0.00
3		Pyridine	1.363	1.225	10.1	125	0.00
4		n-Nitrosodimethylamine	0.633	0.573	9.5	128	0.00
5	S	2-Fluorophenol	1.244	1.072	13.8	119	0.00
6		Aniline	2.247	2.120	5.7	130	0.00
7	S	Phenol-d6	1.637	1.443	11.9	121	0.00
8		2-Chlorophenol	1.361	1.301	4.4	131	0.00
9		Benzaldehyde	1.162	0.984	15.3	96	0.00
10	C	Phenol	1.751	1.649	5.8	130	0.00
11		bis(2-Chloroethyl)ether	1.372	1.299	5.3	133	0.00
12		1,3-Dichlorobenzene	1.529	1.411	7.7	131	0.00
13	C	1,4-Dichlorobenzene	1.547	1.434	7.3	130	0.00
14		1,2-Dichlorobenzene	1.499	1.392	7.1	130	0.00
15		Benzyl Alcohol	1.269	1.212	4.5	133	0.00
16		2,2'-oxybis(1-Chloropropane	2.167	1.994	8.0	129	0.00
17		2-Methylphenol	1.172	1.149	2.0	133	0.00
18		Hexachloroethane	0.553	0.522	5.6	132	0.00
19	P	n-Nitroso-di-n-propylamine	1.075	1.050	2.3	133	0.00
20		3+4-Methylphenols	1.613	1.558	3.4	134	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	139	0.00
22		Acetophenone	0.502	0.474	5.6	133	0.00
23	S	Nitrobenzene-d5	0.361	0.325	10.0	121	0.00
24		Nitrobenzene	0.342	0.335	2.0	135	0.00
25		Isophorone	0.719	0.696	3.2	136	0.00
26	C	2-Nitrophenol	0.126	0.145	-15.1	157#	0.00
27		2,4-Dimethylphenol	0.331	0.310	6.3	133	0.00
28		bis(2-Chloroethoxy)methane	0.437	0.416	4.8	134	0.00
29	C	2,4-Dichlorophenol	0.290	0.289	0.3	135	0.00
30		1,2,4-Trichlorobenzene	0.320	0.301	5.9	134	0.00
31		Naphthalene	1.038	0.969	6.6	132	0.00
32		Benzoic acid	0.168	0.195	-16.1	160#	0.02
33		4-Chloroaniline	0.462	0.449	2.8	136	0.00
34	C	Hexachlorobutadiene	0.184	0.174	5.4	135	0.00
35		Caprolactam	0.113	0.110	2.7	133	0.00
36	C	4-Chloro-3-methylphenol	0.336	0.334	0.6	136	0.00
37		2-Methylnaphthalene	0.672	0.633	5.8	134	0.00
38		1-Methylnaphthalene	0.701	0.674	3.9	137	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	145	0.00
40		1,2,4,5-Tetrachlorobenzene	0.546	0.502	8.1	133	0.00
41	P	Hexachlorocyclopentadiene	0.337	0.332	1.5	145	0.00
42	S	2,4,6-Tribromophenol	0.200	0.193	3.5	131	0.00
43	C	2,4,6-Trichlorophenol	0.353	0.358	-1.4	141	0.00
44		2,4,5-Trichlorophenol	0.396	0.397	-0.3	139	0.00
45	S	2-Fluorobiphenyl	1.448	1.166	19.5	117	0.00
46		1,1'-Biphenyl	1.474	1.385	6.0	139	0.00
47		2-Chloronaphthalene	1.124	1.040	7.5	136	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.288	0.317	-10.1	149	-0.01
49		Acenaphthylene	1.876	1.768	5.8	137	-0.01
50		Dimethylphthalate	1.458	1.377	5.6	139	0.00
51		2,6-Dinitrotoluene	0.269	0.289	-7.4	146	0.00
52	C	Acenaphthene	1.144	1.084	5.2	141	0.00
53		3-Nitroaniline	0.315	0.338	-7.3	147	0.00
54	P	2,4-Dinitrophenol	0.105	0.120	-14.3	183#	0.00
55		Dibenzofuran	1.710	1.597	6.6	138	-0.01
56	P	4-Nitrophenol	0.278	0.286	-2.9	146	0.00
57		2,4-Dinitrotoluene	0.359	0.404	-12.5	150#	-0.01
58		Fluorene	1.343	1.228	8.6	135	-0.01
59		2,3,4,6-Tetrachlorophenol	0.331	0.335	-1.2	141	-0.01
60		Diethylphthalate	1.470	1.401	4.7	141	0.00
61		4-Chlorophenyl-phenylether	0.637	0.583	8.5	134	0.00
62		4-Nitroaniline	0.312	0.325	-4.2	139	0.00
63		Azobenzene	1.366	1.293	5.3	139	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	146	-0.01
65		4,6-Dinitro-2-methylphenol	0.080	0.091	-13.7	178#	-0.01
66	c	n-Nitrosodiphenylamine	0.609	0.570	6.4	138	0.00
67		4-Bromophenyl-phenylether	0.201	0.191	5.0	140	0.00
68		Hexachlorobenzene	0.226	0.211	6.6	141	0.00
69		Atrazine	0.214	0.206	3.7	142	0.00
70	C	Pentachlorophenol	0.144	0.146	-1.4	149	-0.01
71		Phenanthrene	1.095	1.002	8.5	137	0.00
72		Anthracene	1.105	1.051	4.9	140	0.00
73		Carbazole	1.060	0.978	7.7	136	0.00
74		Di-n-butylphthalate	1.283	1.271	0.9	144	0.00
75	C	Fluoranthene	1.268	1.170	7.7	137	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	142	0.00
77		Benzidine	0.724	0.761	-5.1	112	0.00
78		Pyrene	1.330	1.231	7.4	136	0.00
79	S	Terphenyl-d14	1.059	0.839	20.8	114	0.00
80		Butylbenzylphthalate	0.539	0.567	-5.2	143	0.00
81		Benzo(a)anthracene	1.329	1.222	8.1	134	0.00
82		3,3'-Dichlorobenzidine	0.469	0.457	2.6	138	0.01
83		Chrysene	1.233	1.131	8.3	132	0.02
84		Bis(2-ethylhexyl)phthalate	0.861	0.883	-2.6	141	0.00
85	c	Di-n-octyl phthalate	1.442	1.468	-1.8	139	0.01
86	I	Perylene-d12	1.000	1.000	0.0	137	0.00
87		Indeno(1,2,3-cd)pyrene	1.434	1.328	7.4	126	0.00
88		Benzo(b)fluoranthene	1.197	1.097	8.4	127	0.00
89		Benzo(k)fluoranthene	1.187	1.110	6.5	130	-0.01
90	C	Benzo(a)pyrene	1.153	1.085	5.9	129	0.00
91		Dibenzo(a,h)anthracene	1.174	1.087	7.4	126	0.01
92		Benzo(g,h,i)perylene	1.152	1.062	7.8	126	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	136	0.00
2		1,4-Dioxane	40.000	32.761	18.1	114	0.00
3		Pyridine	40.000	35.938	10.2	125	0.00
4		n-Nitrosodimethylamine	40.000	36.198	9.5	128	0.00
5	S	2-Fluorophenol	80.000	68.960	13.8	119	0.00
6		Aniline	40.000	37.746	5.6	130	0.00
7	S	Phenol-d6	80.000	70.557	11.8	121	0.00
8		2-Chlorophenol	40.000	38.218	4.5	131	0.00
9		Benzaldehyde	40.000	33.857	15.4	96	0.00
10	C	Phenol	40.000	37.664	5.8	130	0.00
11		bis(2-Chloroethyl)ether	40.000	37.860	5.4	133	0.00
12		1,3-Dichlorobenzene	40.000	36.894	7.8	131	0.00
13	C	1,4-Dichlorobenzene	40.000	37.069	7.3	130	0.00
14		1,2-Dichlorobenzene	40.000	37.139	7.2	130	0.00
15		Benzyl Alcohol	40.000	38.230	4.4	133	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.800	8.0	129	0.00
17		2-Methylphenol	40.000	39.242	1.9	133	0.00
18		Hexachloroethane	40.000	37.712	5.7	132	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.071	2.3	133	0.00
20		3+4-Methylphenols	40.000	38.632	3.4	134	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	139	0.00
22		Acetophenone	40.000	37.755	5.6	133	0.00
23	S	Nitrobenzene-d5	80.000	71.916	10.1	121	0.00
24		Nitrobenzene	40.000	39.201	2.0	135	0.00
25		Isophorone	40.000	38.747	3.1	136	0.00
26	C	2-Nitrophenol	40.000	39.528	1.2	157	0.00
27		2,4-Dimethylphenol	40.000	37.381	6.5	133	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.088	4.8	134	0.00
29	C	2,4-Dichlorophenol	40.000	39.853	0.4	135	0.00
30		1,2,4-Trichlorobenzene	40.000	37.651	5.9	134	0.00
31		Naphthalene	40.000	37.348	6.6	132	0.00
32		Benzoic acid	40.000	43.119	-7.8	160	0.02
33		4-Chloroaniline	40.000	38.908	2.7	136	0.00
34	C	Hexachlorobutadiene	40.000	37.983	5.0	135	0.00
35		Caprolactam	40.000	39.093	2.3	133	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.847	0.4	136	0.00
37		2-Methylnaphthalene	40.000	37.660	5.9	134	0.00
38		1-Methylnaphthalene	40.000	38.438	3.9	137	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	145	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	36.772	8.1	133	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.389	1.5	145	0.00
42	S	2,4,6-Tribromophenol	80.000	77.267	3.4	131	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.551	-1.4	141	0.00
44		2,4,5-Trichlorophenol	40.000	40.117	-0.3	139	0.00
45	S	2-Fluorobiphenyl	80.000	64.394	19.5	117	0.00
46		1,1'-Biphenyl	40.000	37.601	6.0	139	0.00
47		2-Chloronaphthalene	40.000	36.992	7.5	136	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.111	2.2	149	-0.01
49		Acenaphthylene	40.000	37.711	5.7	137	-0.01
50		Dimethylphthalate	40.000	37.765	5.6	139	0.00
51		2,6-Dinitrotoluene	40.000	42.979	-7.4	146	0.00
52	C	Acenaphthene	40.000	37.908	5.2	141	0.00
53		3-Nitroaniline	40.000	42.925	-7.3	147	0.00
54	P	2,4-Dinitrophenol	40.000	44.579	-11.4	183	0.00
55		Dibenzofuran	40.000	37.357	6.6	138	-0.01
56	P	4-Nitrophenol	40.000	41.198	-3.0	146	0.00
57		2,4-Dinitrotoluene	40.000	39.363	1.6	150	-0.01
58		Fluorene	40.000	36.584	8.5	135	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	40.516	-1.3	141	-0.01
60		Diethylphthalate	40.000	38.127	4.7	141	0.00
61		4-Chlorophenyl-phenylether	40.000	36.635	8.4	134	0.00
62		4-Nitroaniline	40.000	41.652	-4.1	139	0.00
63		Azobenzene	40.000	37.866	5.3	139	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	146	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	43.059	-7.6	178	-0.01
66	c	n-Nitrosodiphenylamine	40.000	37.466	6.3	138	0.00
67		4-Bromophenyl-phenylether	40.000	37.882	5.3	140	0.00
68		Hexachlorobenzene	40.000	37.437	6.4	141	0.00
69		Atrazine	40.000	38.434	3.9	142	0.00
70	C	Pentachlorophenol	40.000	40.655	-1.6	149	-0.01
71		Phenanthrene	40.000	36.596	8.5	137	0.00
72		Anthracene	40.000	38.053	4.9	140	0.00
73		Carbazole	40.000	36.915	7.7	136	0.00
74		Di-n-butylphthalate	40.000	39.636	0.9	144	0.00
75	C	Fluoranthene	40.000	36.904	7.7	137	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	142	0.00
77		Benzidine	40.000	42.024	-5.1	112	0.00
78		Pyrene	40.000	37.027	7.4	136	0.00
79	S	Terphenyl-d14	80.000	63.367	20.8	114	0.00
80		Butylbenzylphthalate	40.000	42.064	-5.2	143	0.00
81		Benzo(a)anthracene	40.000	36.791	8.0	134	0.00
82		3,3'-Dichlorobenzidine	40.000	38.998	2.5	138	0.01
83		Chrysene	40.000	36.707	8.2	132	0.02
84		Bis(2-ethylhexyl)phthalate	40.000	41.026	-2.6	141	0.00
85	c	Di-n-octyl phthalate	40.000	40.723	-1.8	139	0.01
86	I	Perylene-d12	20.000	20.000	0.0	137	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.054	7.4	126	0.00
88		Benzo(b)fluoranthene	40.000	36.638	8.4	127	0.00
89		Benzo(k)fluoranthene	40.000	37.398	6.5	130	-0.01
90	C	Benzo(a)pyrene	40.000	37.640	5.9	129	0.00
91		Dibenzo(a,h)anthracene	40.000	37.050	7.4	126	0.01
92		Benzo(g,h,i)perylene	40.000	36.870	7.8	126	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025306.D
Acq On : 05 Aug 2025 17:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP080525

Quant Time: Aug 06 06:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.204	2.4
Benzaldehyde			0.987	0.956	1.366	1.262	1.082	17.1
Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.544	4.2
Phenol		1.594	1.529	1.613	1.575	1.707	1.620	3.9
bis(2-Chloroethyl)ether		1.283	1.183	1.273	1.222	1.321	1.263	3.8
2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.359	3.8
2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.125	5.4
2,2-oxybis(1-Chloropropane)		1.762	1.592	1.712	1.620	1.751	1.692	4.0
Acetophenone		0.515	0.487	0.506	0.485	0.523	0.502	3.0
3+4-Methylphenols			1.442	1.533	1.525	1.639	1.560	4.9
n-Nitroso-di-n-propylamine	1.014	1.066	0.959	1.056	0.992	1.053	1.023	3.7
Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.395	3.7
Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.563	3.1
Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.353	3.2
Isophorone		0.734	0.672	0.700	0.674	0.730	0.700	3.7
2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.181	7.4
2,4-Dimethylphenol		0.303	0.303	0.296	0.308	0.336	0.312	4.5
bis(2-Chloroethoxy)methane		0.443	0.407	0.425	0.407	0.439	0.423	3.6
2,4-Dichlorophenol		0.293	0.293	0.308	0.305	0.331	0.310	4.7
Naphthalene		1.069	1.020	1.037	1.000	1.087	1.040	3.1
4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.459	4.2
Hexachlorobutadiene		0.222	0.205	0.211	0.205	0.218	0.211	3.1
Caprolactam			0.114	0.110	0.109	0.120	0.114	3.7
4-Chloro-3-methylphenol		0.366	0.335	0.347	0.346	0.373	0.355	3.9
2-Methylnaphthalene		0.716	0.653	0.678	0.652	0.700	0.676	3.7
Hexachlorocyclopentadiene			0.274	0.313	0.348	0.387	0.349	13.5
2,4,6-Trichlorophenol		0.368	0.364	0.381	0.382	0.421	0.390	5.6
2-Fluorobiphenyl		1.558	1.483	1.507	1.392	1.517	1.463	5.0
2,4,5-Trichlorophenol		0.417	0.385	0.424	0.424	0.457	0.427	5.5
1,1-Biphenyl		1.495	1.418	1.457	1.408	1.537	1.453	3.4
2-Chloronaphthalene		1.152	1.093	1.144	1.101	1.184	1.131	3.0
2-Nitroaniline		0.301	0.306	0.317	0.330	0.360	0.329	6.9
Dimethylphthalate		1.569	1.449	1.438	1.403	1.512	1.465	4.1
Acenaphthylene		1.907	1.806	1.848	1.806	1.992	1.871	3.6

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.297	0.287	0.302	0.309	0.331	0.309	4.9
3-Nitroaniline		0.318	0.329	0.337	0.342	0.384	0.347	6.6
Acenaphthene		1.149	1.082	1.100	1.041	1.155	1.098	3.9
2,4-Dinitrophenol			0.114	0.140	0.163	0.186	0.165	19.8
4-Nitrophenol			0.251	0.265	0.279	0.315	0.285	8.6
Dibenzofuran		1.820	1.711	1.737	1.677	1.811	1.736	3.4
2,4-Dinitrotoluene		0.404	0.407	0.431	0.438	0.479	0.440	6.6
Diethylphthalate		1.615	1.475	1.465	1.434	1.540	1.488	4.5
4-Chlorophenyl-phenylether		0.761	0.684	0.679	0.651	0.690	0.681	5.9
Fluorene		1.506	1.391	1.390	1.306	1.415	1.370	6.0
4-Nitroaniline		0.341	0.336	0.349	0.351	0.387	0.356	4.9
4,6-Dinitro-2-methylphenol			0.096	0.113	0.123	0.139	0.125	14.2
n-Nitrosodiphenylamine		0.636	0.603	0.607	0.591	0.634	0.610	3.0
2,4,6-Tribromophenol		0.266	0.259	0.267	0.263	0.286	0.269	3.4
4-Bromophenyl-phenylether		0.233	0.206	0.217	0.213	0.230	0.220	4.3
Hexachlorobenzene		0.264	0.253	0.254	0.242	0.264	0.255	3.1
Atrazine		0.229	0.226	0.228	0.218	0.240	0.228	2.7
Pentachlorophenol			0.135	0.154	0.157	0.177	0.161	9.8
Phenanthrene		1.162	1.101	1.111	1.040	1.135	1.099	3.9
Anthracene		1.161	1.124	1.133	1.079	1.175	1.122	3.4
Carbazole		1.079	1.052	1.074	1.007	1.111	1.057	3.3
Di-n-butylphthalate		1.345	1.255	1.332	1.244	1.374	1.300	3.9
Fluoranthene		1.370	1.323	1.348	1.228	1.361	1.311	4.1
Pyrene		1.398	1.261	1.287	1.274	1.320	1.300	4.0
Terphenyl-d14		1.249	1.100	1.097	1.045	1.100	1.093	7.2
Butylbenzylphthalate		0.589	0.557	0.592	0.579	0.614	0.589	3.6
3,3-Dichlorobenzidine			0.482	0.507	0.488	0.521	0.497	3.3
Benzo(a)anthracene		1.384	1.302	1.313	1.268	1.359	1.319	3.2
Chrysene		1.292	1.214	1.249	1.182	1.280	1.235	3.5
Bis(2-ethylhexyl)phthalate		0.907	0.826	0.874	0.831	0.901	0.867	3.7
Di-n-octyl phthalate			1.381	1.498	1.444	1.572	1.492	4.8
Benzo(b)fluoranthene		1.203	1.126	1.171	1.134	1.250	1.179	3.6
Benzo(k)fluoranthene		1.202	1.157	1.200	1.130	1.226	1.180	3.2
Benzo(a)pyrene		1.139	1.093	1.150	1.108	1.219	1.148	3.8
Indeno(1,2,3-cd)pyrene		1.454	1.385	1.440	1.411	1.569	1.467	4.4

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.180	1.125	1.179	1.156	1.290	1.199	4.6
Benzo(g,h,i)perylene		1.162	1.118	1.169	1.138	1.248	1.178	3.9
1,2,4,5-Tetrachlorobenzene		0.578	0.559	0.585	0.560	0.610	0.578	3.0
1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.472	5.1
2,3,4,6-Tetrachlorophenol		0.375	0.360	0.366	0.368	0.402	0.377	4.0

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP0253
99.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07
3)		Pyridine		1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77
4)		n-Nitrosodimet...			0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13
5)	S	2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42
6)		Aniline		2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96
7)	S	Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16
8)		2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83
9)		Benzaldehyde			0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12
10)	C	Phenol		1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87
11)		bis(2-Chloroet...		1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78
12)		1,3-Dichlorobe...		1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07
13)	C	1,4-Dichlorobe...		1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12
14)		1,2-Dichlorobe...		1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35
15)		Benzyl Alcohol			1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83
16)		2,2'-oxybis(1-...		1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96
17)		2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41
18)		Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13
19)	P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)		3+4-Methylphenols			1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96
23)	S	Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65
24)		Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21
25)		Isophorone		0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70
26)	C	2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43
27)		2,4-Dimethylph...		0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46
28)		bis(2-Chloroet...		0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61
29)	C	2,4-Dichloroph...		0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71
30)		1,2,4-Trichlor...		0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61
31)		Naphthalene		1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06
32)		Benzoic acid			0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20
33)		4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19
34)	C	Hexachlorobuta...		0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05
35)		Caprolactam			0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67
36)	C	4-Chloro-3-met...		0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85
37)		2-Methylnaphth...		0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69
38)		1-Methylnaphth...		0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00
41)	P	Hexachlorocycl...		0.274	0.313	0.348	0.387	0.388	0.383	0.349	13.46
42)	S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39
43)	C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56
44)		2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52
45)	S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04
46)		1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37
47)		2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99
48)		2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85
49)		Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63
50)		Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12
51)		2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95
52)	C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93
53)		3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56
54)	P	2,4-Dinitrophenol		0.114	0.140	0.163	0.186	0.192	0.194	0.165	19.83
55)		Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40
56)	P	4-Nitrophenol		0.251	0.265	0.279	0.315	0.304	0.298	0.285	8.56
57)		2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61
58)		Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02
59)		2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01
60)		Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48
61)		4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91
62)		4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89
63)		Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.096	0.113	0.123	0.139	0.139	0.138	0.125	14.21
66)	c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99
67)		4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34
68)		Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06
69)		Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74
70)	C	Pentachlorophenol		0.135	0.154	0.157	0.177	0.171	0.172	0.161	9.76
71)		Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88
72)		Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37
73)		Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32
74)		Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86
75)	C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.642	0.642	0.967	0.664	0.608	0.573	0.683	20.94
78)		Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00
79)	S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15
80)		Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55
81)		Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21
82)		3,3'-Dichlorob...		0.482	0.507	0.488	0.521	0.506	0.480	0.497	3.31
83)		Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49
84)		Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73
85)	c	Di-n-octyl pht...		1.381	1.498	1.444	1.572	1.563	1.491	1.492	4.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)		Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)		Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90)	C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)		Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)		Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	140275	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	567766	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	380728	20.000	ng	0.01
64) Phenanthrene-d10	17.213	188	796256	20.000	ng	0.01
76) Chrysene-d12	21.660	240	884747	20.000	ng	0.01
86) Perylene-d12	25.042	264	1005304	20.000	ng	0.01
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...	8.584	70	17781	2.476	ng	99

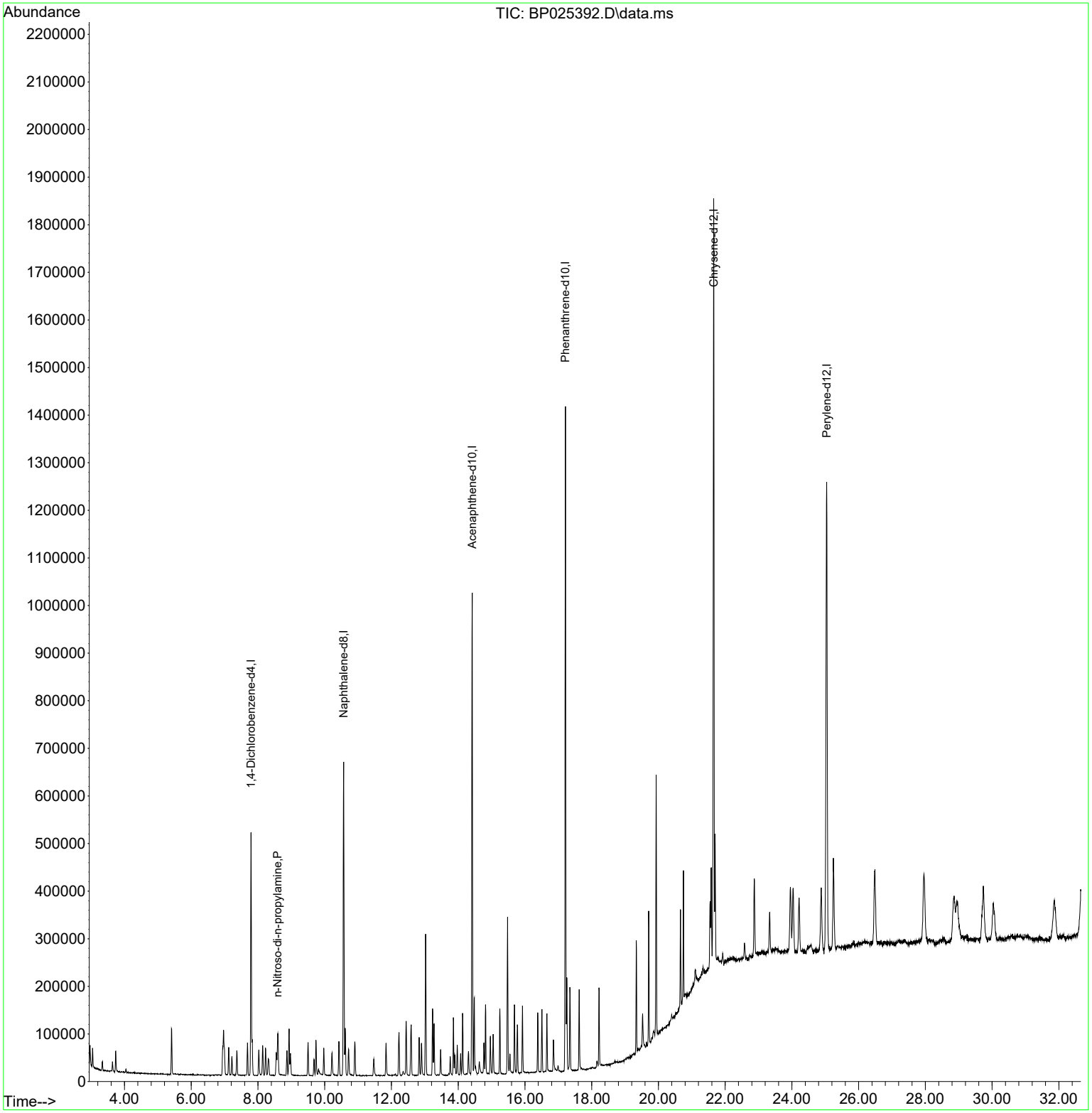
(#) = qualifier out of range (m) = manual integration (+) = signals summed

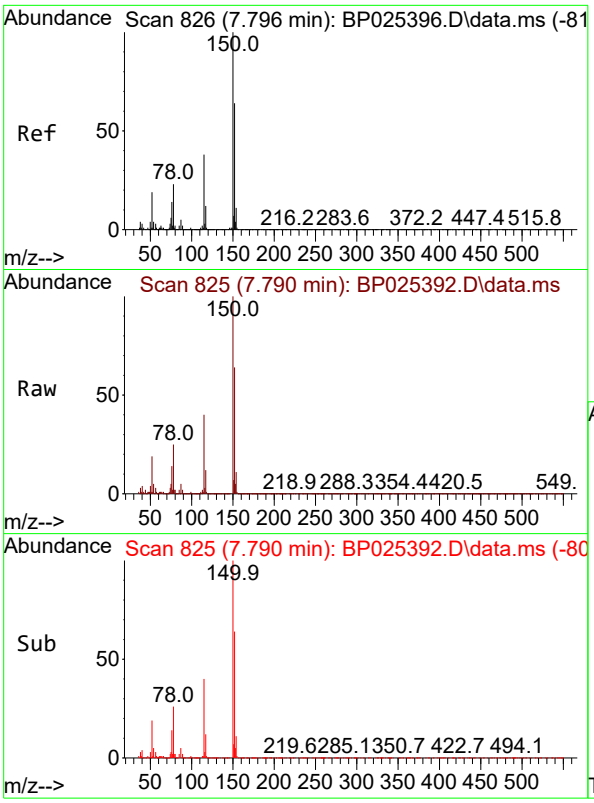
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



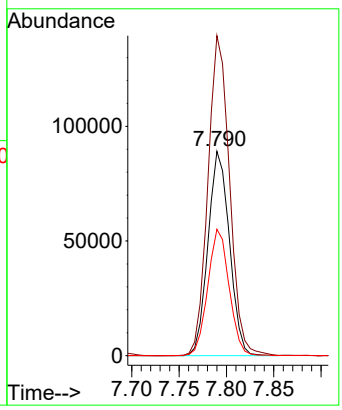


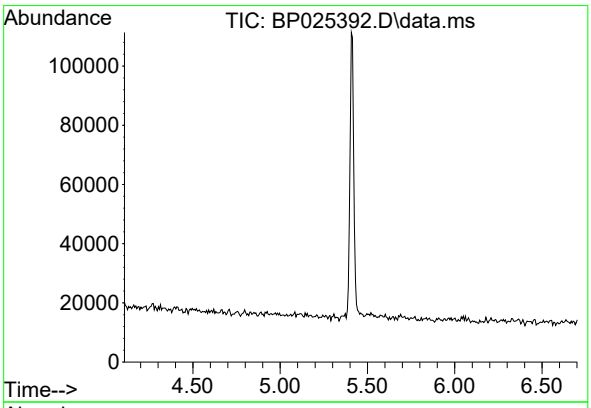
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 140275

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	61.9	48.5	72.7



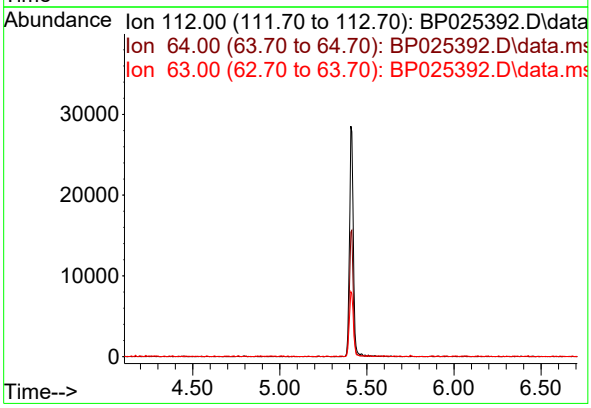


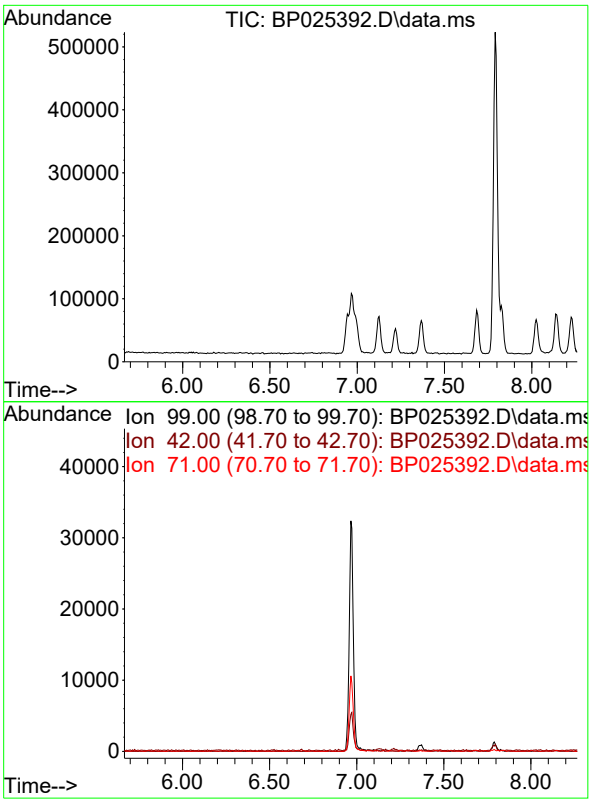
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	54.8
63	28.4





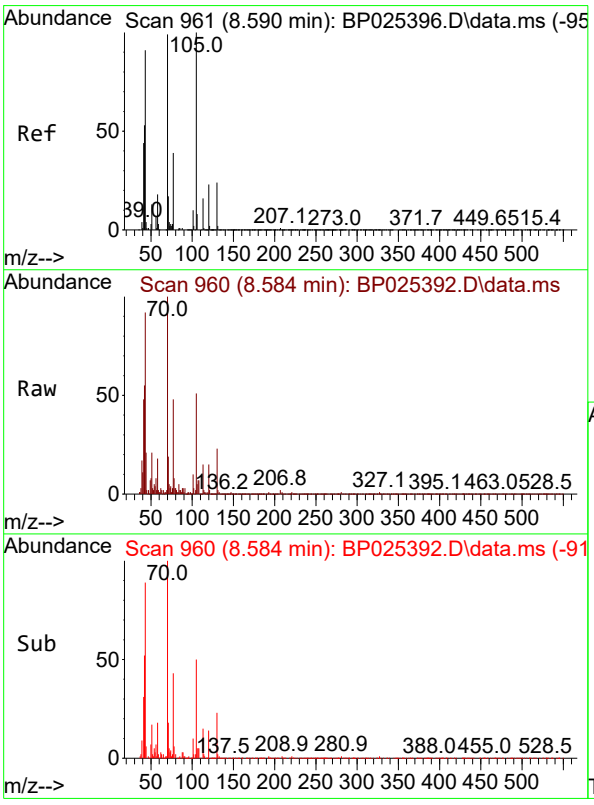
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.97 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

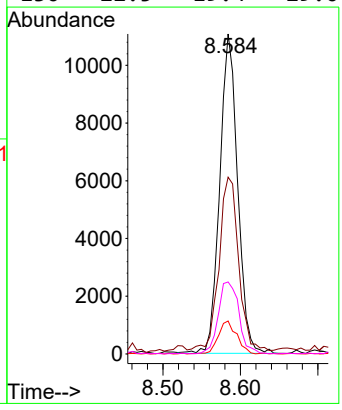
Sig	Exp Ratio
99	100
42	17.1
71	35.3

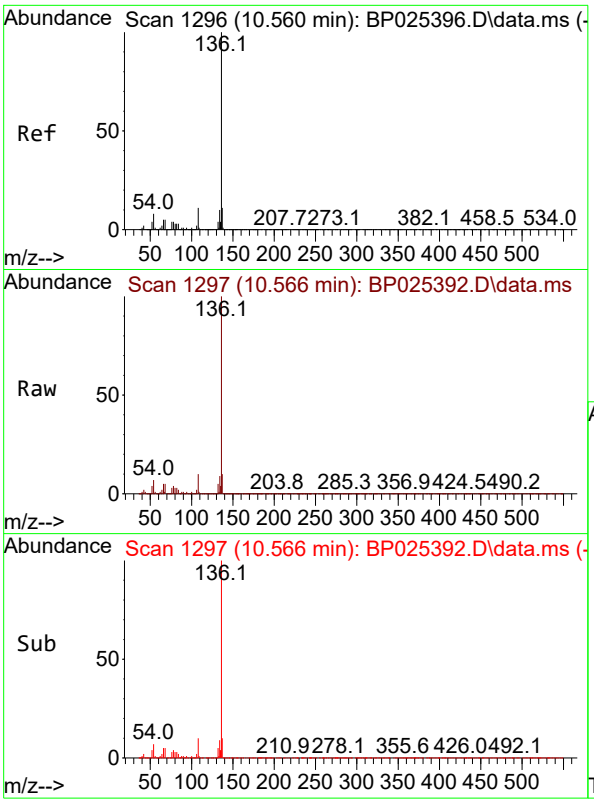


#19
n-Nitroso-di-n-propylamine
Concen: 2.476 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 70 Resp: 17781

Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.8	65.6
101	10.3	8.5	12.7
130	22.5	19.4	29.0



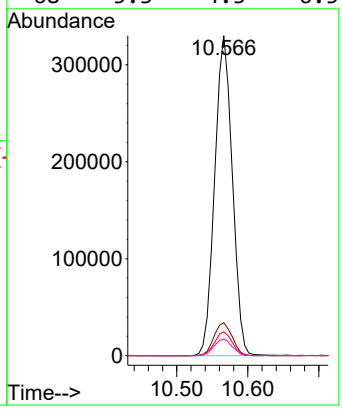


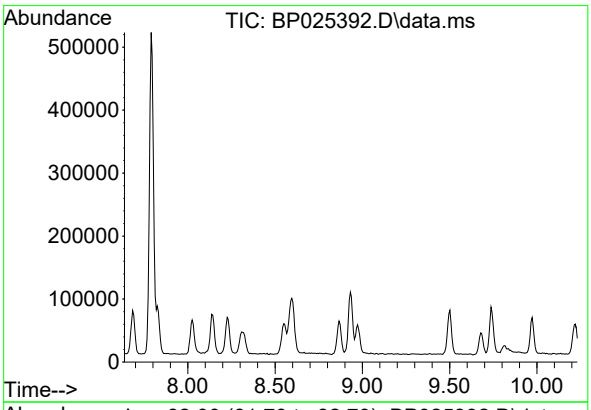
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 567766

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	7.4	6.0	9.0
68	5.3	4.3	6.5



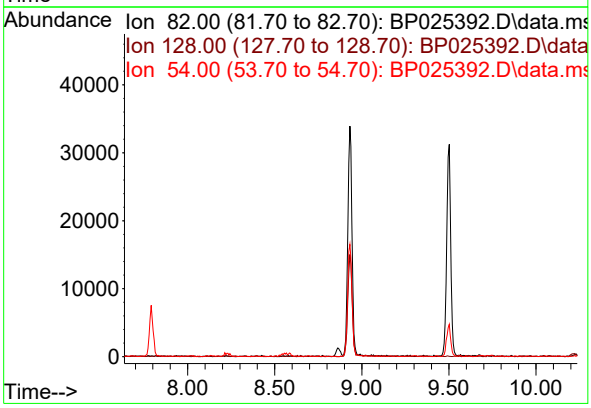


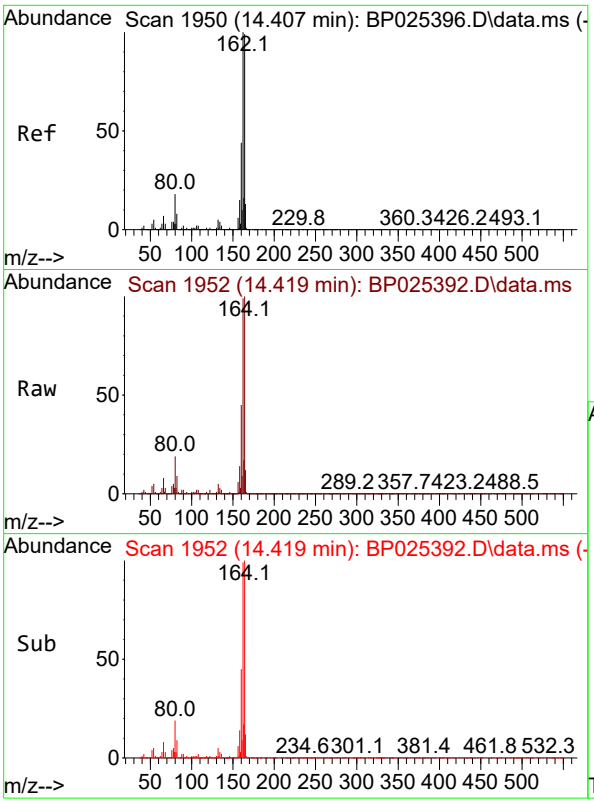
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.94 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	47.1
54	49.7



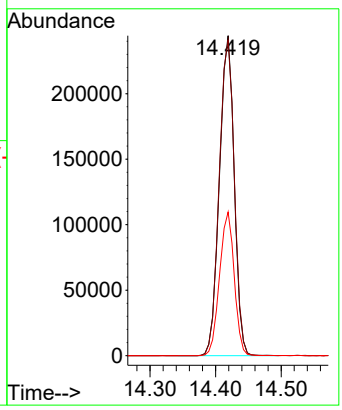


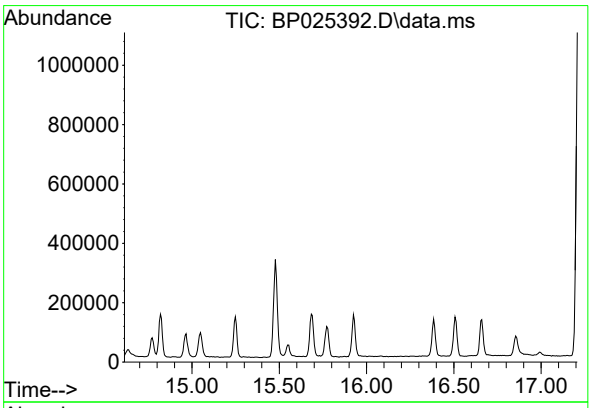
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 380728

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.0	121.6
160	44.9	35.4	53.2



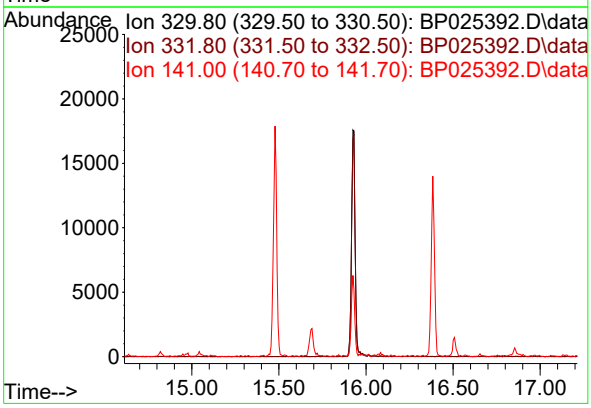


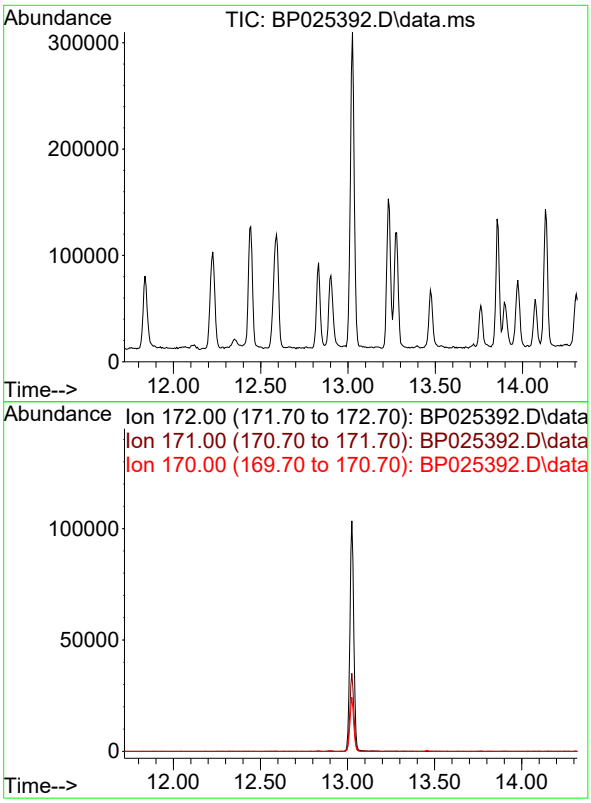
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.91 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	33.2





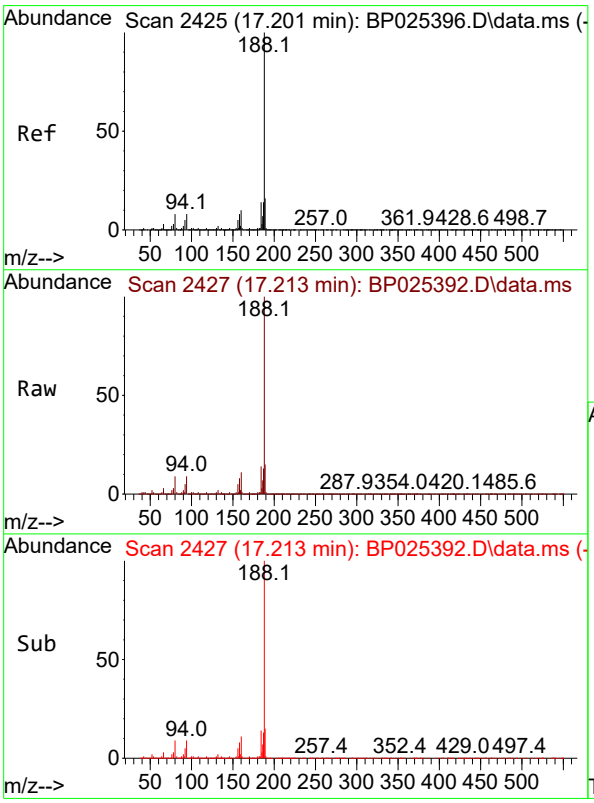
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.02 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

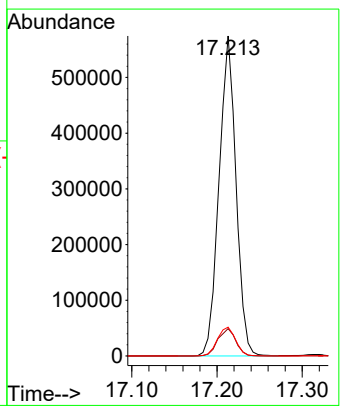
Sig	Exp Ratio
172	100
171	35.1
170	23.3

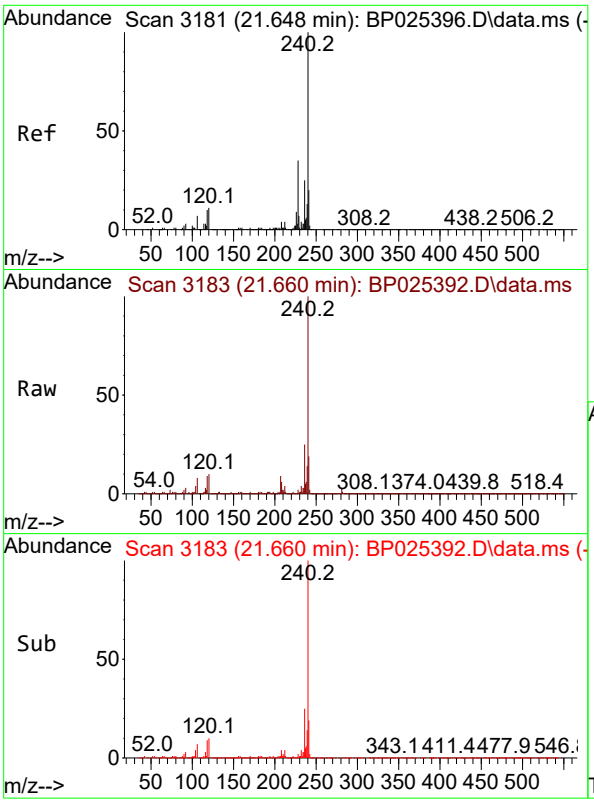


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion:188 Resp: 796256

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.0	6.7	10.1



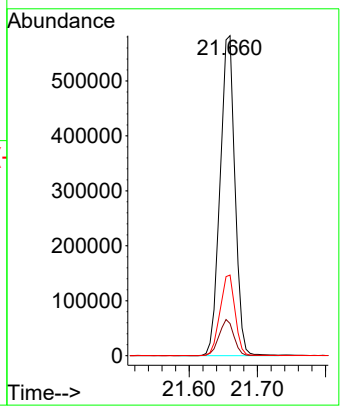


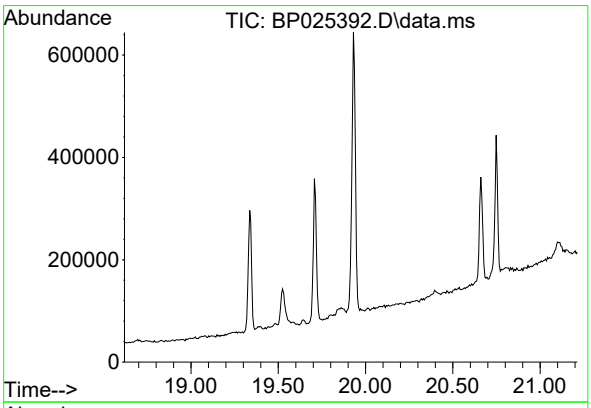
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 884747

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	25.2	19.8	29.8



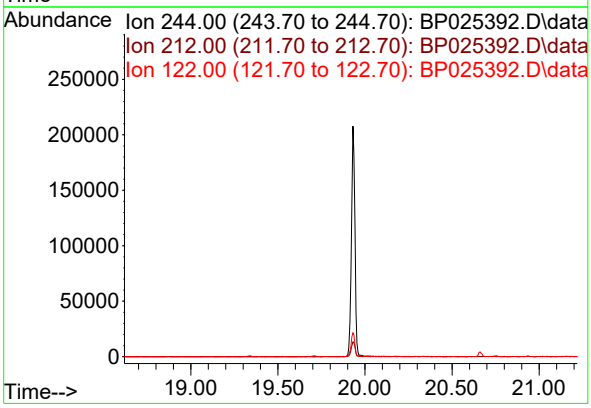


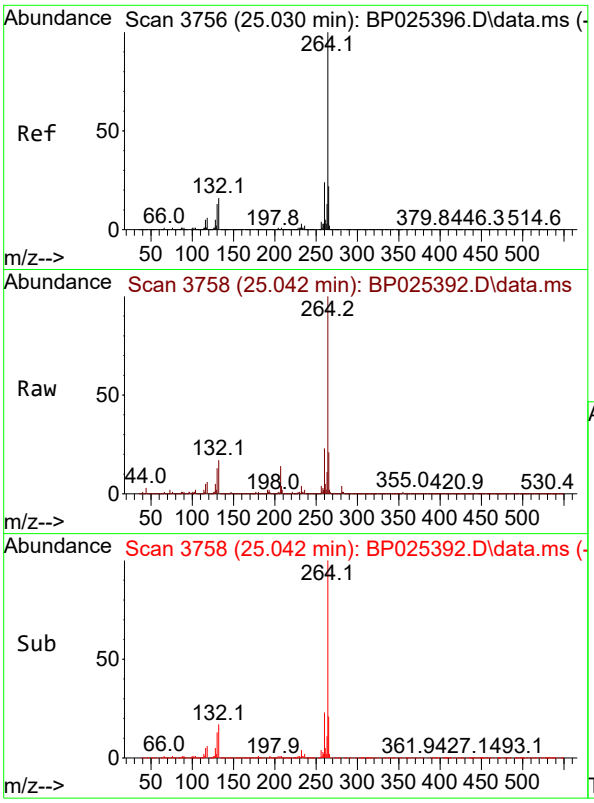
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.92 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.2
122	9.3



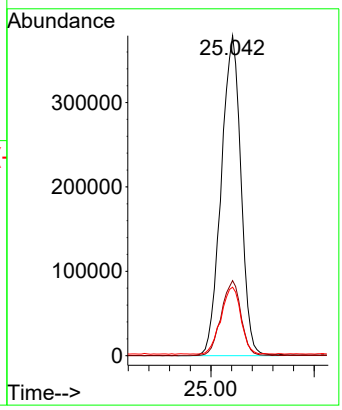


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1005304

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.4	17.4	26.0



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	130958	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	551384	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	392376	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	816331	20.000	ng		0.00
76) Chrysene-d12	21.654	240	858165	20.000	ng		0.00
86) Perylene-d12	25.036	264	963881	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	80645	10.227	ng		0.00
7) Phenol-d6	6.966	99	97106	9.605	ng		0.00
23) Nitrobenzene-d5	8.931	82	108814	9.983	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	52188	9.881	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	305742	10.649	ng		0.00
79) Terphenyl-d14	19.925	244	536049	11.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	17016	5.509	ng		95
3) Pyridine	3.731	79	47347	5.600	ng		95
6) Aniline	7.119	93	68694	5.043	ng		100
8) 2-Chlorophenol	7.366	128	44217	4.969	ng		98
10) Phenol	6.990	94	52186	4.919	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	41995	5.079	ng		98
12) 1,3-Dichlorobenzene	7.684	146	50146	5.111	ng		96
13) 1,4-Dichlorobenzene	7.825	146	51948	5.180	ng		97
14) 1,2-Dichlorobenzene	8.143	146	50995	5.253	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.313	45	57686	5.208	ng		98
17) 2-Methylphenol	8.225	107	35186	4.776	ng		96
18) Hexachloroethane	8.866	117	18905	5.127	ng		99
19) n-Nitroso-di-n-propyla...	8.584	70	34898	5.205	ng		95
22) Acetophenone	8.602	105	70986	5.134	ng	#	96
24) Nitrobenzene	8.972	77	48234	4.951	ng		99
25) Isophorone	9.496	82	101112	5.242	ng		98
26) 2-Nitrophenol	9.678	139	23020	4.605	ng		95
27) 2,4-Dimethylphenol	9.737	122	41790	4.861	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	61017	5.233	ng		98
29) 2,4-Dichlorophenol	10.213	162	40336	4.723	ng		94
30) 1,2,4-Trichlorobenzene	10.425	180	49237	5.259	ng		97
31) Naphthalene	10.613	128	147346	5.141	ng		99
33) 4-Chloroaniline	10.713	127	62452	4.933	ng		96
34) Hexachlorobutadiene	10.902	225	30559	5.241	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	50515	5.154	ng		91
37) 2-Methylnaphthalene	12.219	142	98648	5.289	ng		97
38) 1-Methylnaphthalene	12.437	142	107044	5.397	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	56676	5.001	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	36093	4.718	ng		95
44) 2,4,5-Trichlorophenol	12.901	196	40875	4.875	ng		95
46) 1,1'-Biphenyl	13.237	154	146651	5.146	ng		98
47) 2-Chloronaphthalene	13.272	162	113015	5.094	ng		99
48) 2-Nitroaniline	13.466	65	29527	4.568	ng		98
49) Acenaphthylene	14.125	152	187026	5.095	ng		99
50) Dimethylphthalate	13.860	163	153868	5.355	ng		99
51) 2,6-Dinitrotoluene	13.966	165	29088	4.803	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.472	154	112730m	5.232	ng	
53) 3-Nitroaniline	14.301	138	31224	4.583	ng	85
55) Dibenzofuran	14.813	168	178494	5.240	ng	99
57) 2,4-Dinitrotoluene	14.760	165	39658	4.590	ng	94
58) Fluorene	15.472	166	147760	5.497	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.037	232	36779	4.968	ng	99
60) Diethylphthalate	15.237	149	158426	5.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	74636	5.583	ng	99
62) 4-Nitroaniline	15.478	138	33466	4.791	ng	90
63) Azobenzene	15.760	77	128978	5.159	ng	99
66) n-Nitrosodiphenylamine	15.678	169	129805	5.214	ng	97
67) 4-Bromophenyl-phenylether	16.378	248	47579	5.299	ng	98
68) Hexachlorobenzene	16.501	284	53940	5.183	ng	98
69) Atrazine	16.648	200	46750	5.015	ng	96
71) Phenanthrene	17.248	178	237107	5.287	ng	98
72) Anthracene	17.342	178	236938	5.174	ng	99
73) Carbazole	17.619	167	220112	5.103	ng	98
74) Di-n-butylphthalate	18.231	149	274467	5.172	ng	99
75) Fluoranthene	19.336	202	279497	5.225	ng	99
78) Pyrene	19.713	202	299922	5.377	ng	98
80) Butylbenzylphthalate	20.654	149	126321	4.997	ng	99
81) Benzo(a)anthracene	21.636	228	296847	5.245	ng	100
83) Chrysene	21.701	228	277175	5.229	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	194541	5.228	ng	97
87) Indeno(1,2,3-cd)pyrene	28.865	276	350414	4.956	ng	98
88) Benzo(b)fluoranthene	23.960	252	289797	5.099	ng	99
89) Benzo(k)fluoranthene	24.042	252	289556	5.091	ng	98
90) Benzo(a)pyrene	24.877	252	274440	4.960	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	284440	4.924	ng	100
92) Benzo(g,h,i)perylene	30.036	276	279987	4.931	ng	97

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

ICAL Form

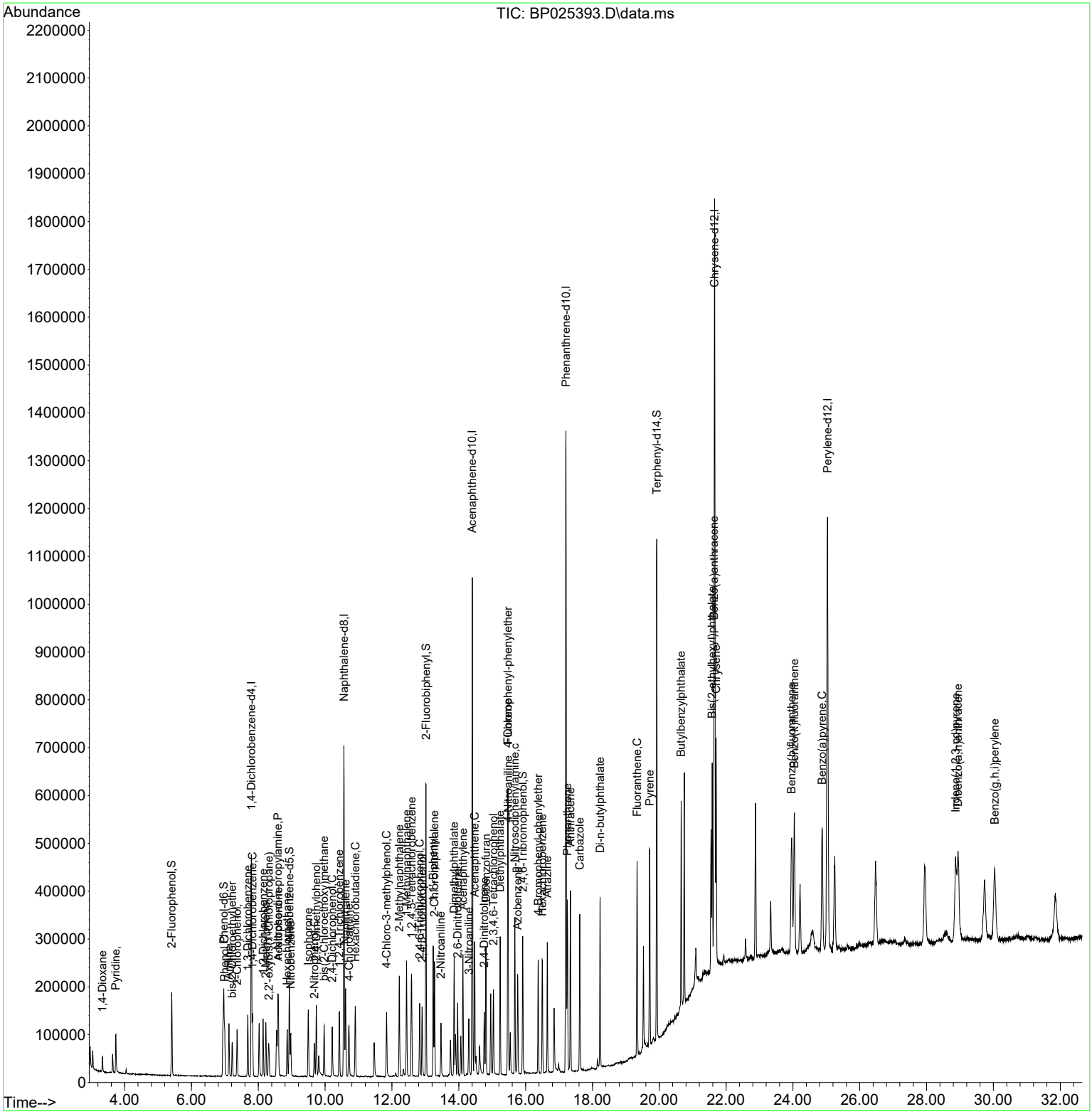
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

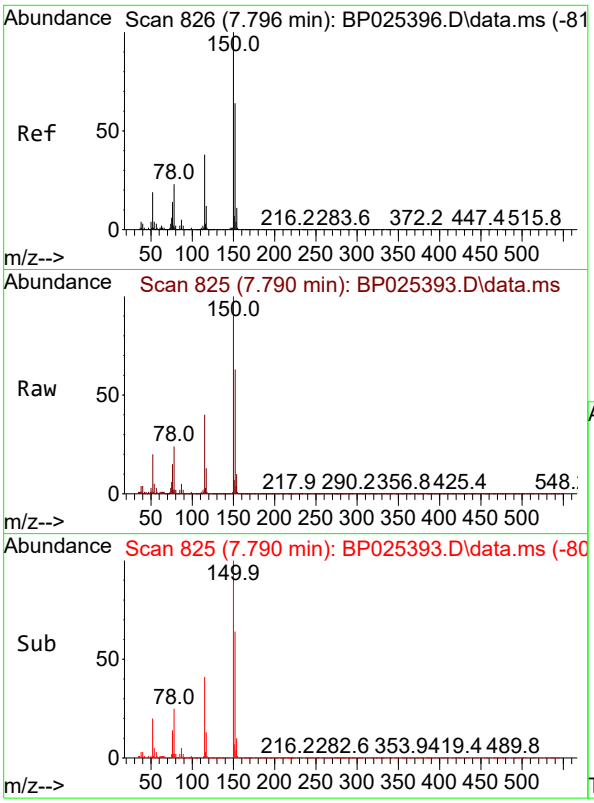
Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

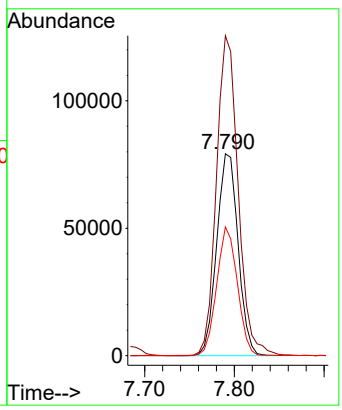




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:152 Resp: 13095

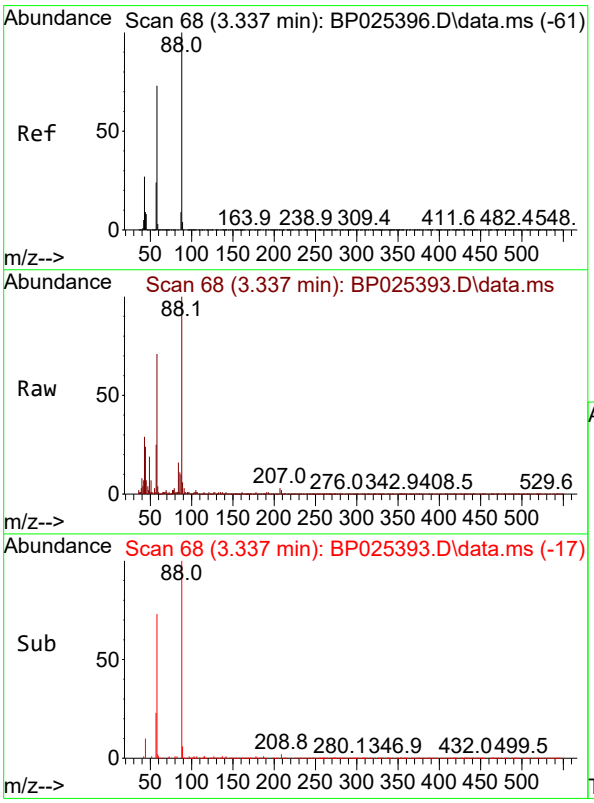
Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.9	188.9
115	63.8	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

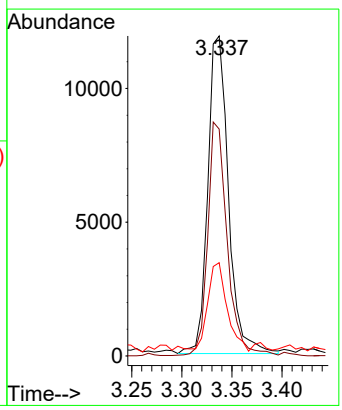
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

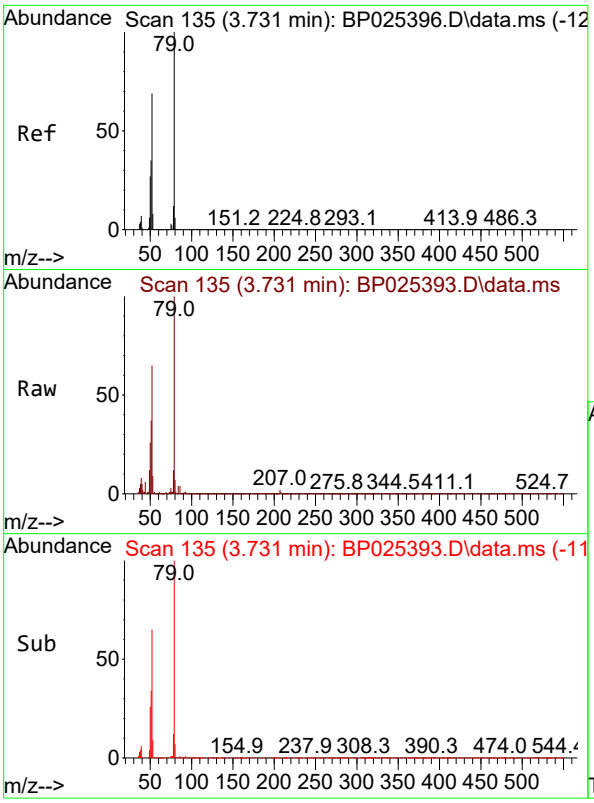


#2
1,4-Dioxane
Concen: 5.509 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 88 Resp: 17016

Ion	Ratio	Lower	Upper
88	100		
58	69.1	59.2	88.8
43	26.1	21.7	32.5

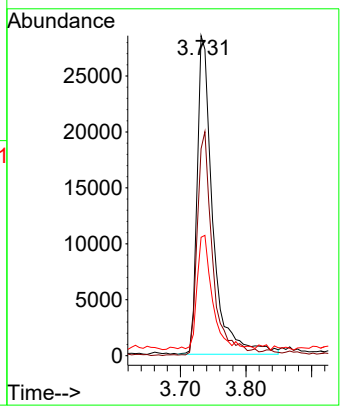




#3
Pyridine
Concen: 5.600 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 79 Resp: 4734

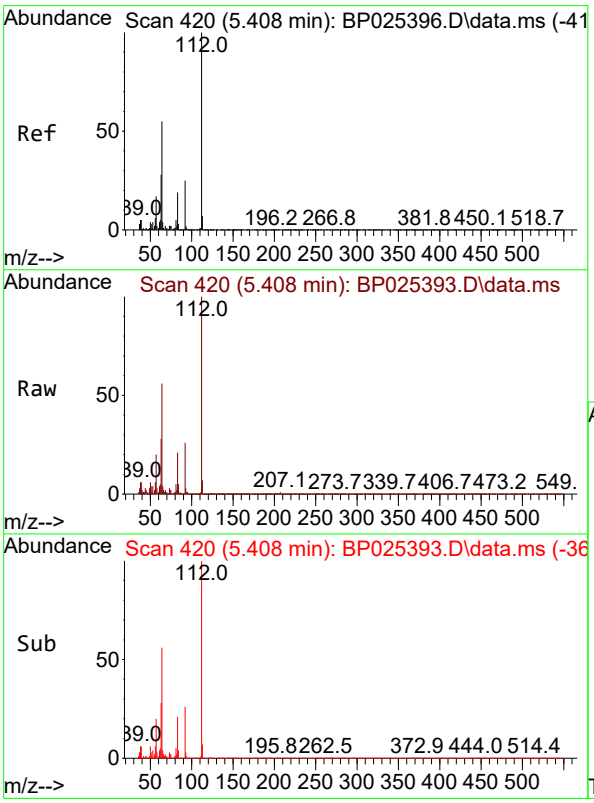
Ion	Ratio	Lower	Upper
79	100		
52	64.7	55.5	83.3
51	37.0	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

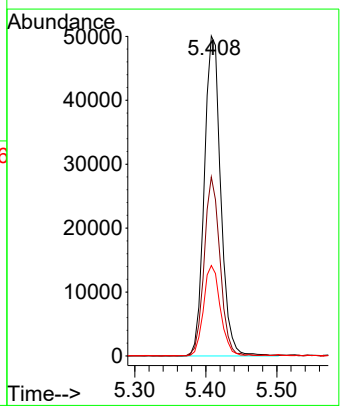
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

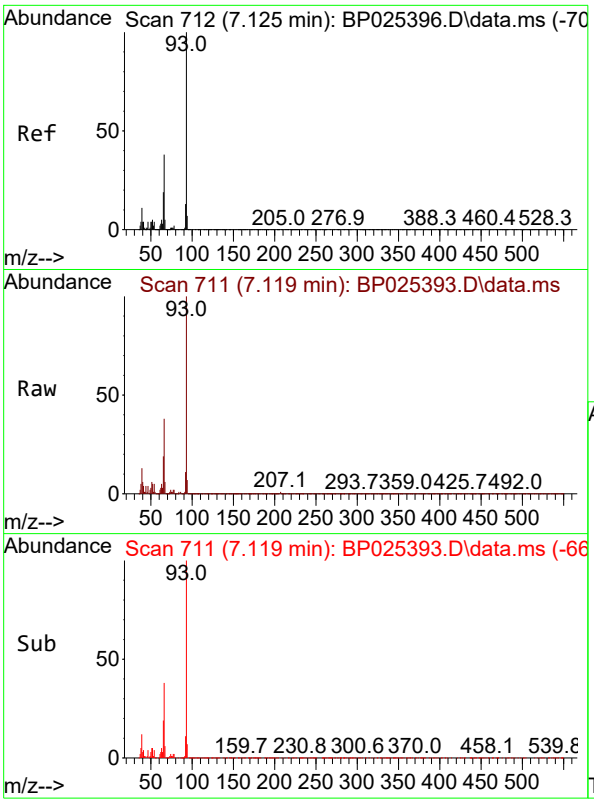


#5
2-Fluorophenol
Concen: 10.227 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:112 Resp: 80645

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.8
63	28.3	22.7	34.1

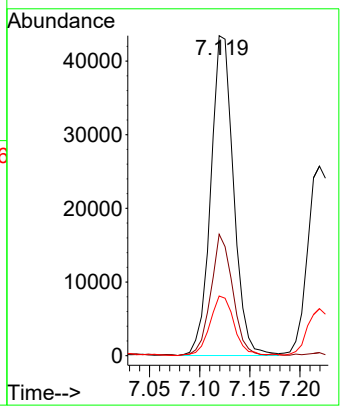




#6
Aniline
Concen: 5.043 ng
RT: 7.119 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 93 Resp: 6869

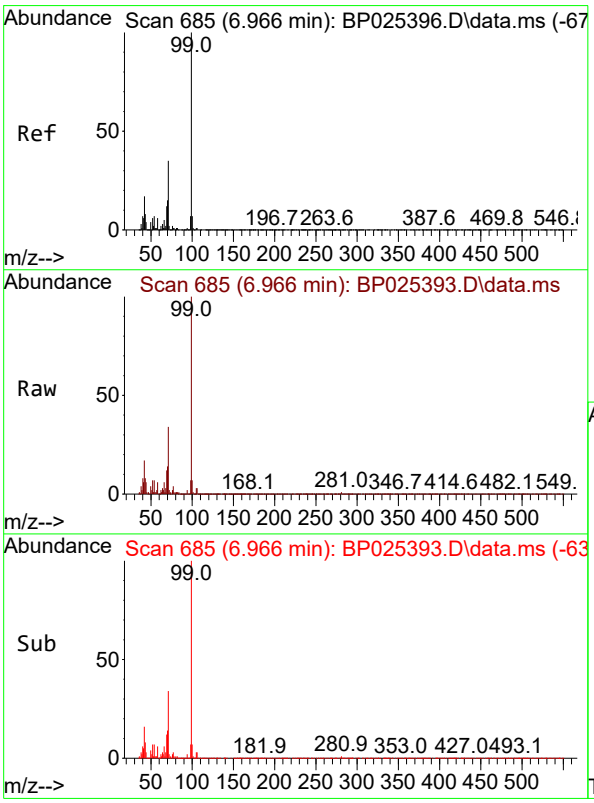
Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	18.6	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

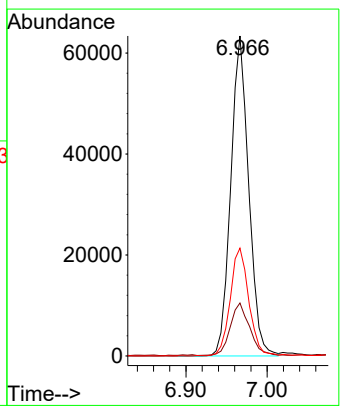
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

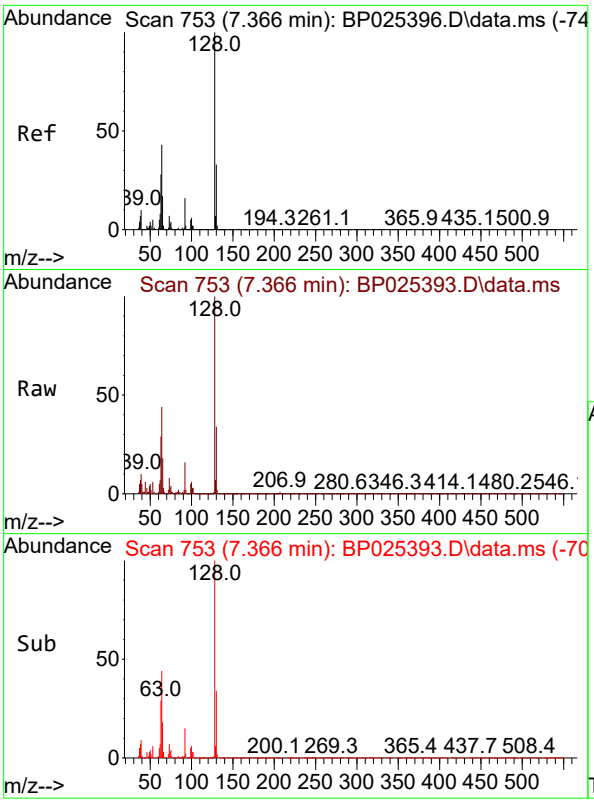


#7
Phenol-d6
Concen: 9.605 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 99 Resp: 97106

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	33.7	28.2	42.4

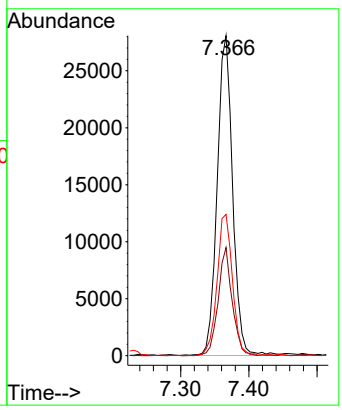




#8
2-Chlorophenol
Concen: 4.969 ng
RT: 7.366 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:128 Resp: 4421

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.6	52.6
64	44.1	23.4	63.4



Instrument :
BNA_P
ClientSampleId :
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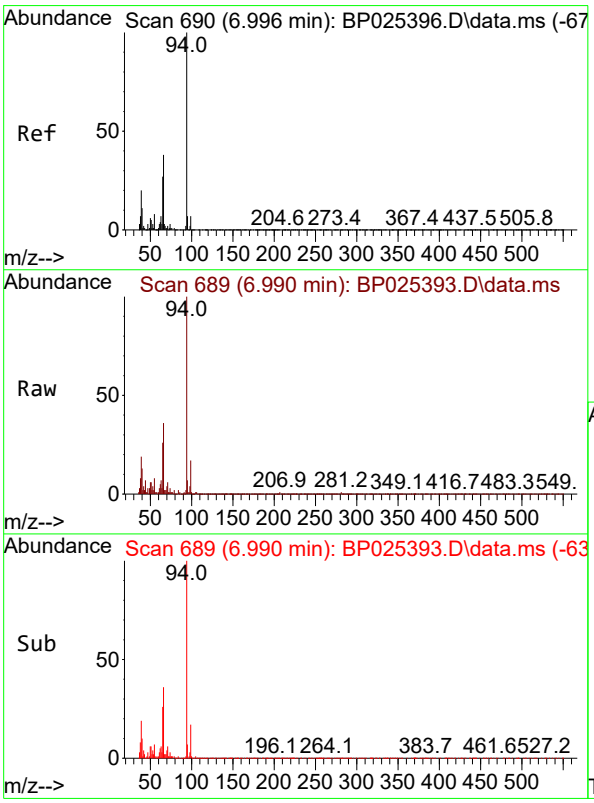
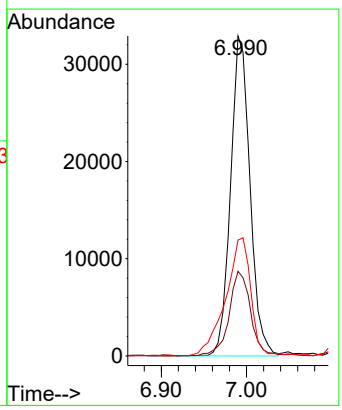
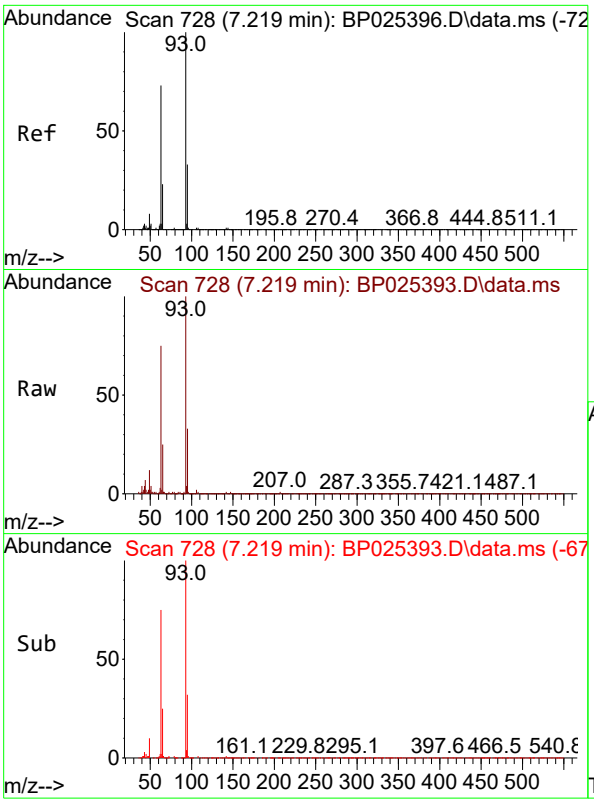


#10
Phenol
Concen: 4.919 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 94 Resp: 52186

Ion	Ratio	Lower	Upper
94	100		
65	26.5	6.8	46.8
66	36.2	18.2	58.2

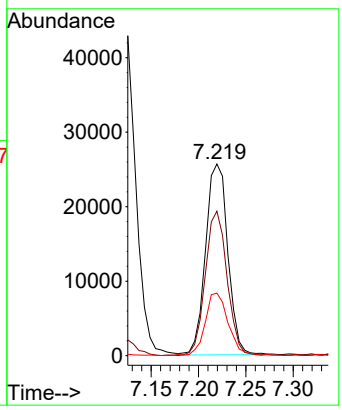




#11
bis(2-Chloroethyl)ether
Concen: 5.079 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 93 Resp: 4199

Ion	Ratio	Lower	Upper
93	100		
63	75.4	52.6	92.6
95	32.6	12.7	52.7



Instrument :
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ClientSampleId :
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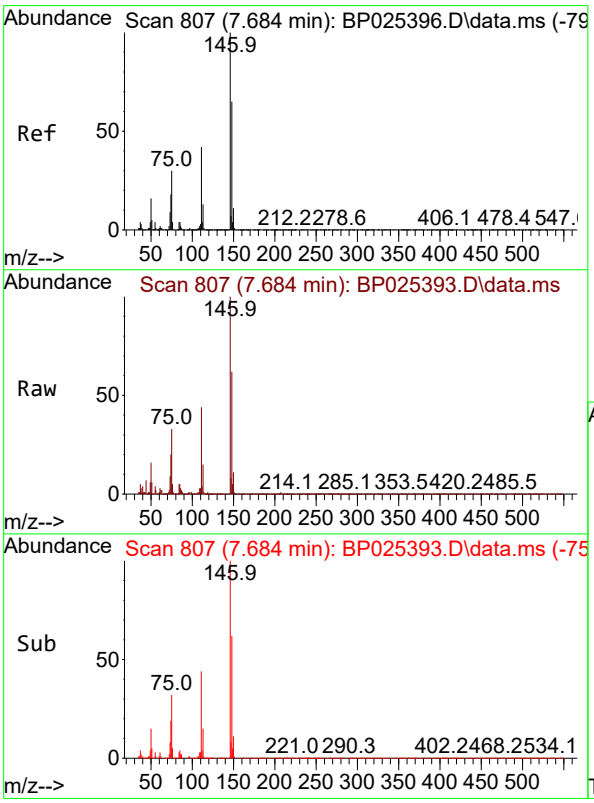
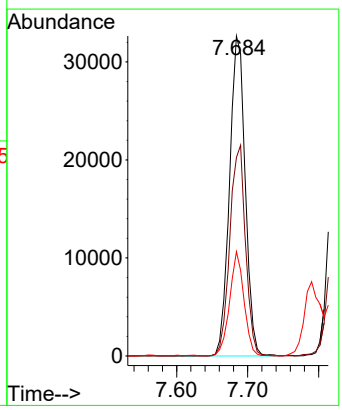
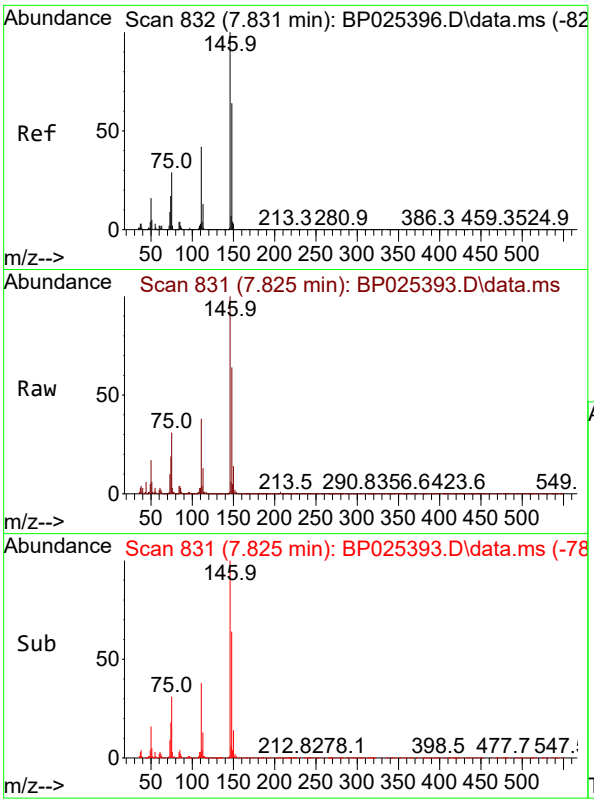


#12
1,3-Dichlorobenzene
Concen: 5.111 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:146 Resp: 50146

Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.9	77.9
75	32.6	23.7	35.5





#13
1,4-Dichlorobenzene
Concen: 5.180 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:146 Resp: 5194

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	38.3	33.4	50.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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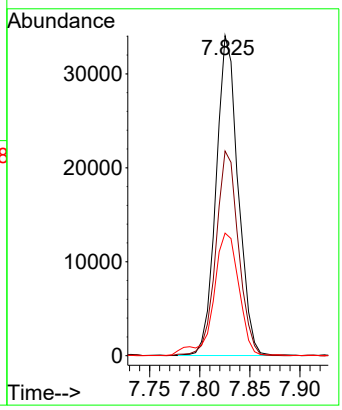
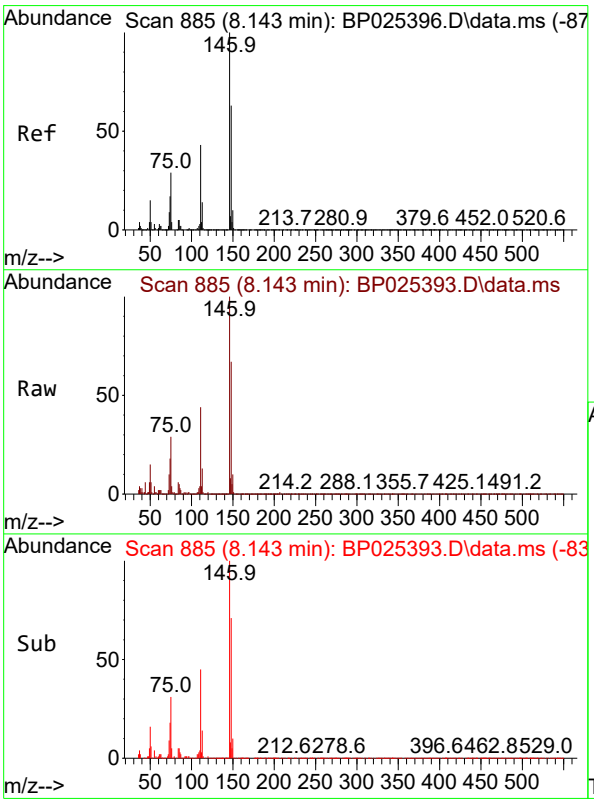
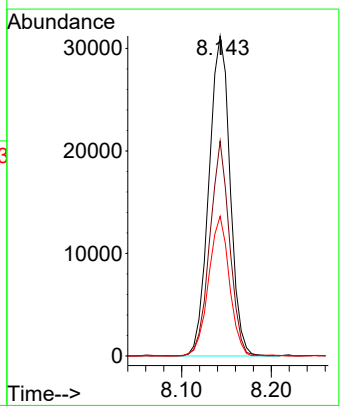


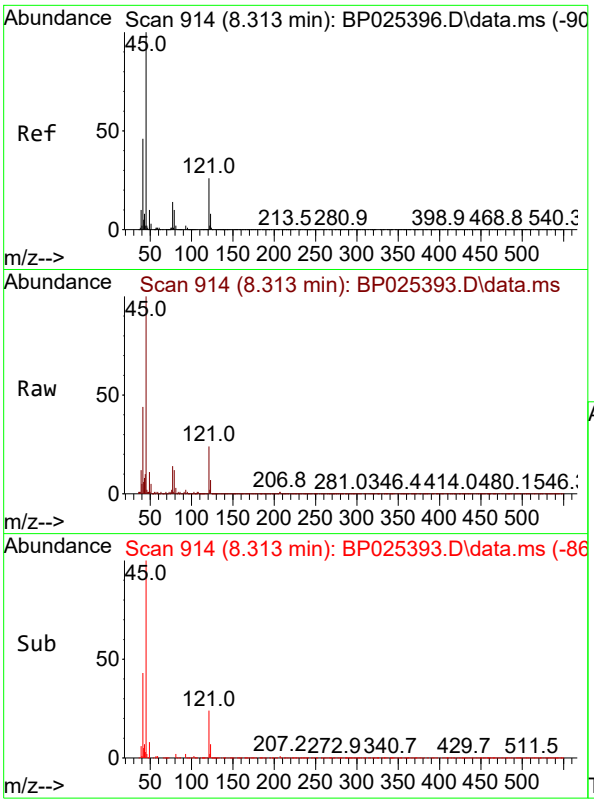


#14
1,2-Dichlorobenzene
Concen: 5.253 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:146 Resp: 50995

Ion	Ratio	Lower	Upper
146	100		
148	67.2	50.4	75.6
111	43.7	34.5	51.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.208 ng
RT: 8.313 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 45 Resp: 5768

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.3
79	12.4	0.0	31.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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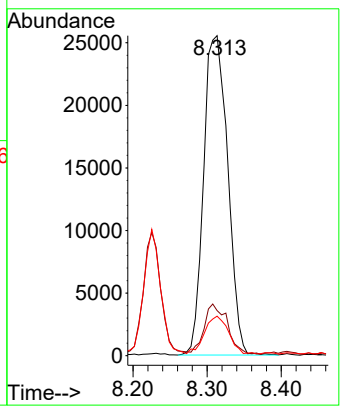
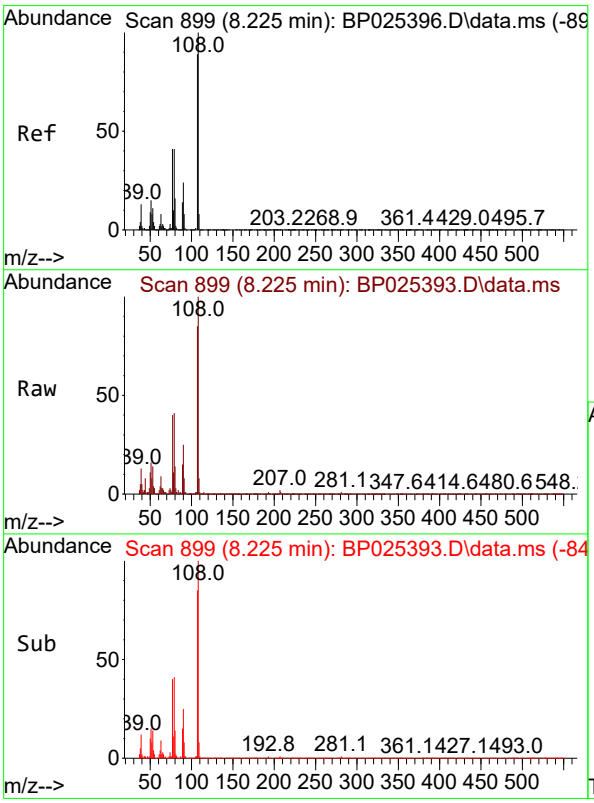
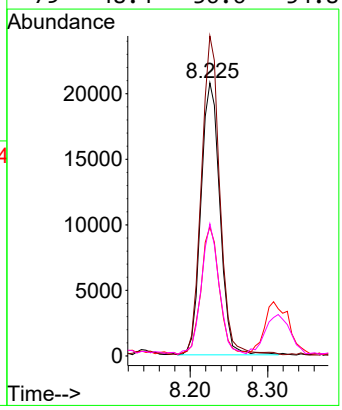


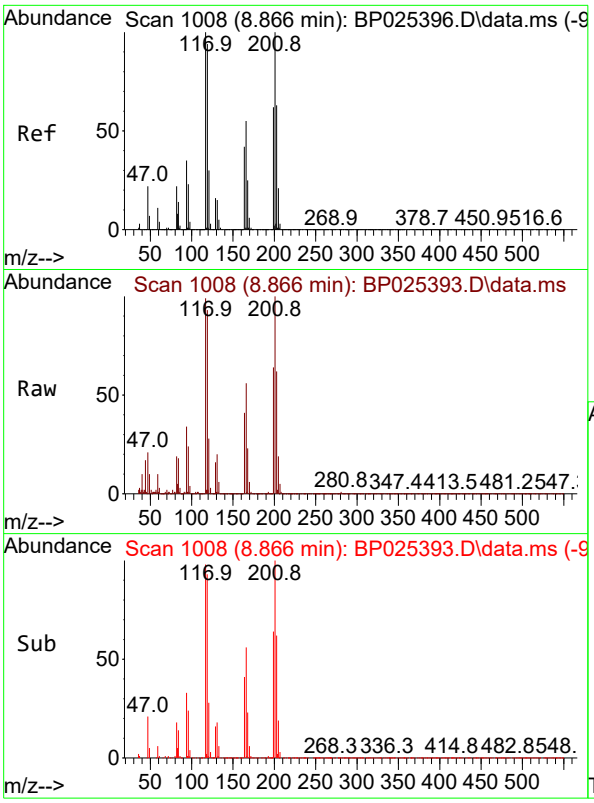


#17
2-Methylphenol
Concen: 4.776 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:107 Resp: 35186

Ion	Ratio	Lower	Upper
107	100		
108	117.2	89.4	134.0
77	47.2	36.3	54.5
79	48.4	36.6	54.8





#18
Hexachloroethane
Concen: 5.127 ng
RT: 8.866 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 1890

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.1	112.7
201	101.5	80.1	120.1

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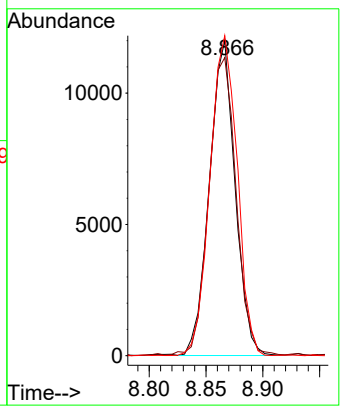
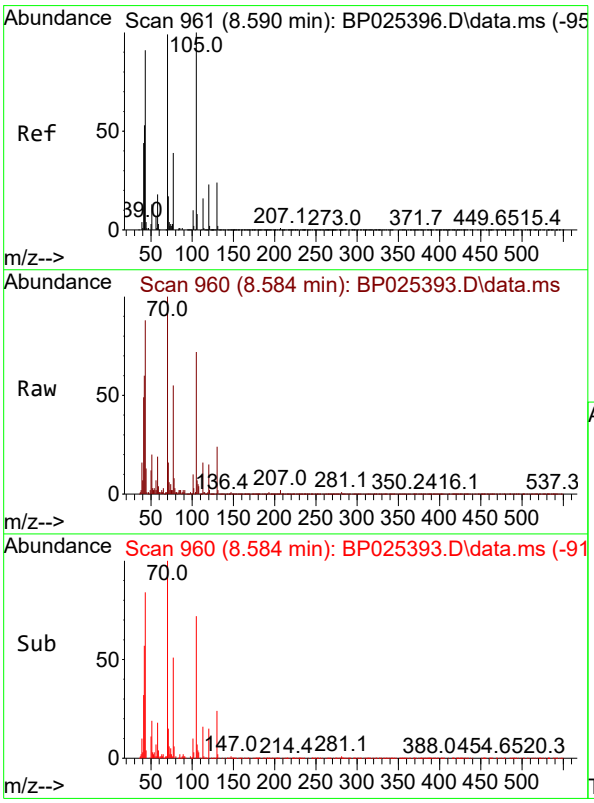
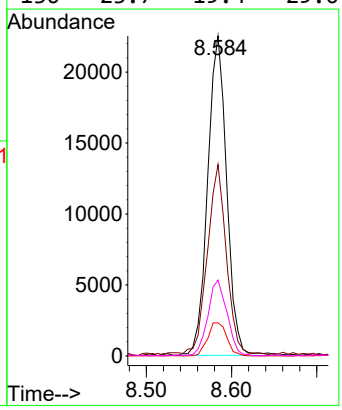


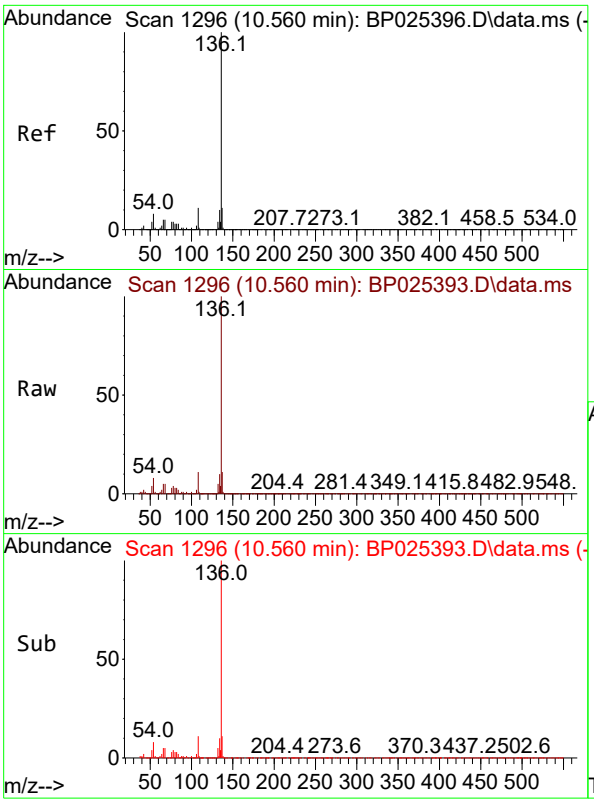


#19
n-Nitroso-di-n-propylamine
Concen: 5.205 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 70 Resp: 34898

Ion	Ratio	Lower	Upper
70	100		
42	59.8	43.8	65.6
101	10.3	8.5	12.7
130	23.7	19.4	29.0

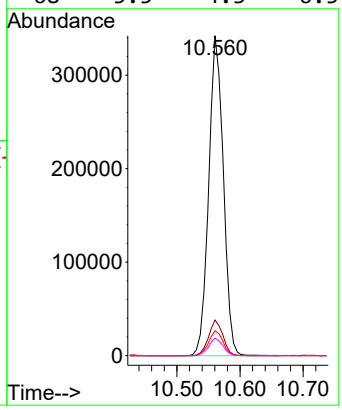




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:136 Resp: 55138

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.8	6.0	9.0
68	5.5	4.3	6.5



Instrument :
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ClientSampleId :
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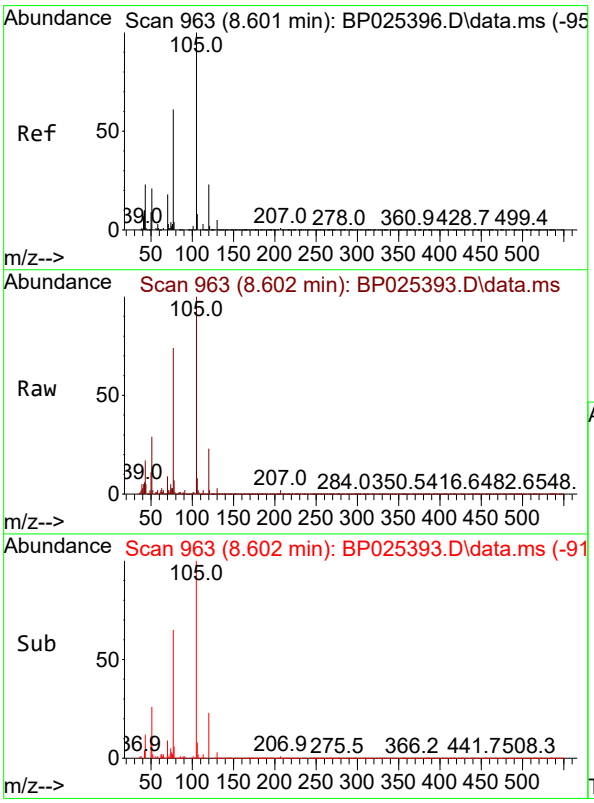
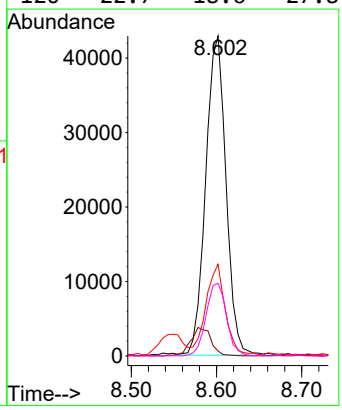
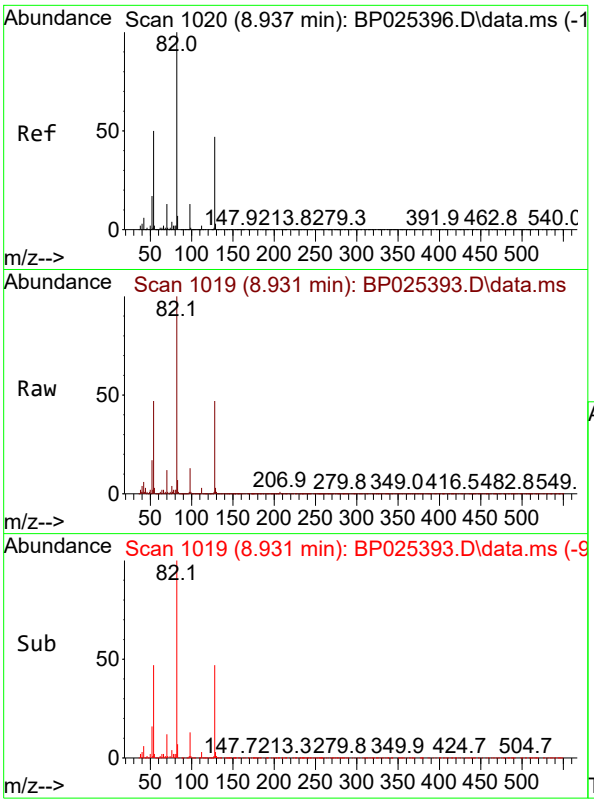


#22
Acetophenone
Concen: 5.134 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:105 Resp: 70986

Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.6	4.0#
51	28.7	20.6	30.8
120	22.7	18.6	27.8

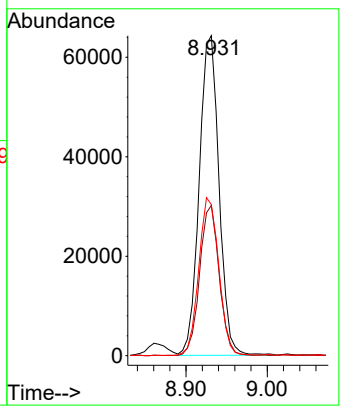




#23
Nitrobenzene-d5
Concen: 9.983 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 82 Resp: 10881

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.7	56.5
54	47.2	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
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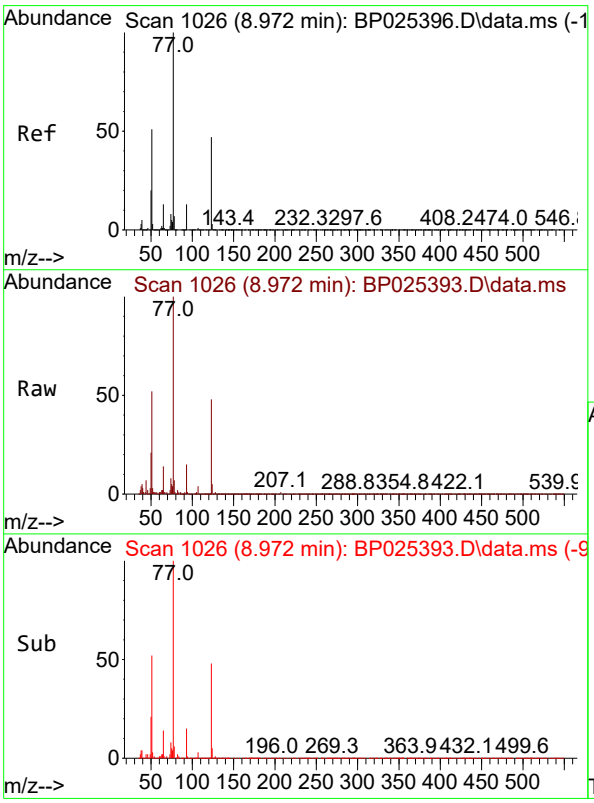
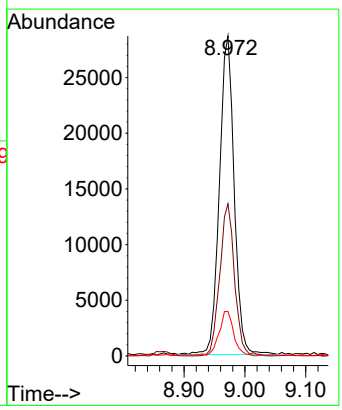
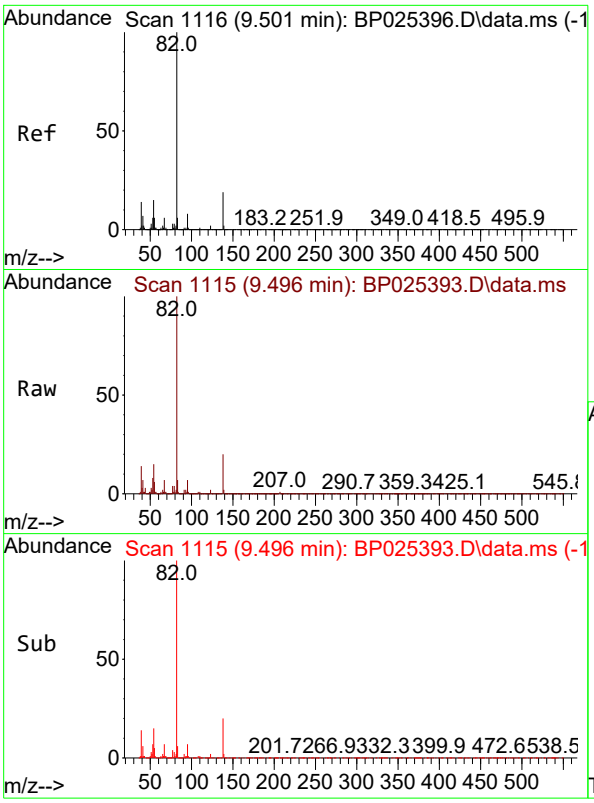


#24
Nitrobenzene
Concen: 4.951 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 77 Resp: 48234

Ion	Ratio	Lower	Upper
77	100		
123	47.6	38.6	58.0
65	13.9	10.6	15.8

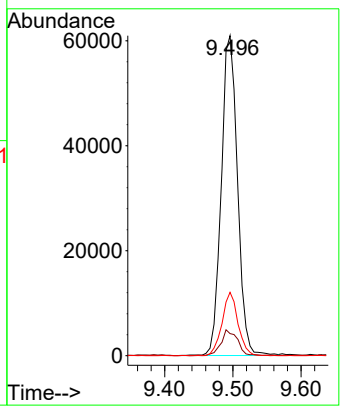




#25
Isophorone
Concen: 5.242 ng
RT: 9.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 82 Resp: 10111

Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.4	9.6
138	19.8	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
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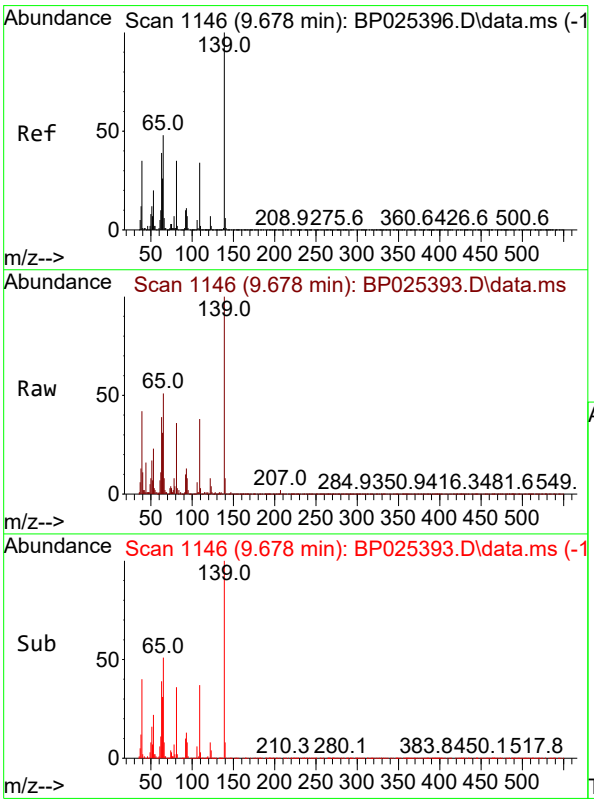
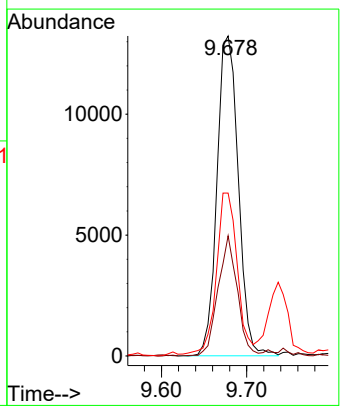
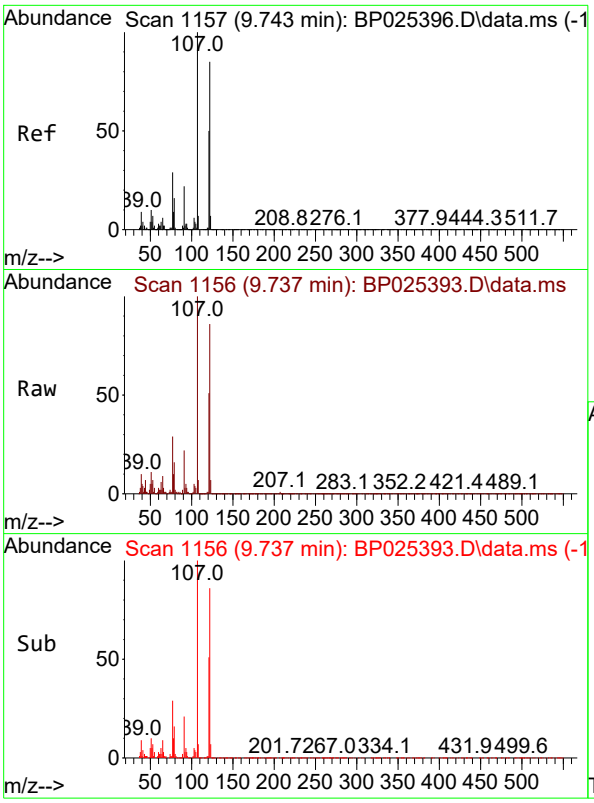


#26
2-Nitrophenol
Concen: 4.605 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:139 Resp: 23020

Ion	Ratio	Lower	Upper
139	100		
109	37.5	26.9	40.3
65	50.9	38.3	57.5

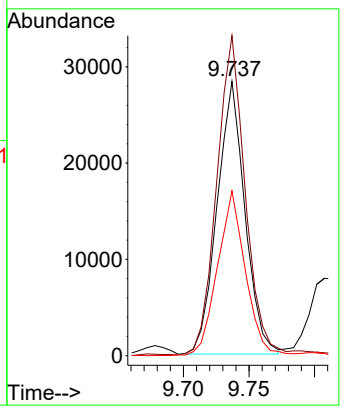




#27
2,4-Dimethylphenol
Concen: 4.861 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:122 Resp: 4179

Ion	Ratio	Lower	Upper
122	100		
107	116.7	93.7	140.5
121	60.0	46.6	69.8



Instrument :
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ClientSampleId :
SSTDICC005

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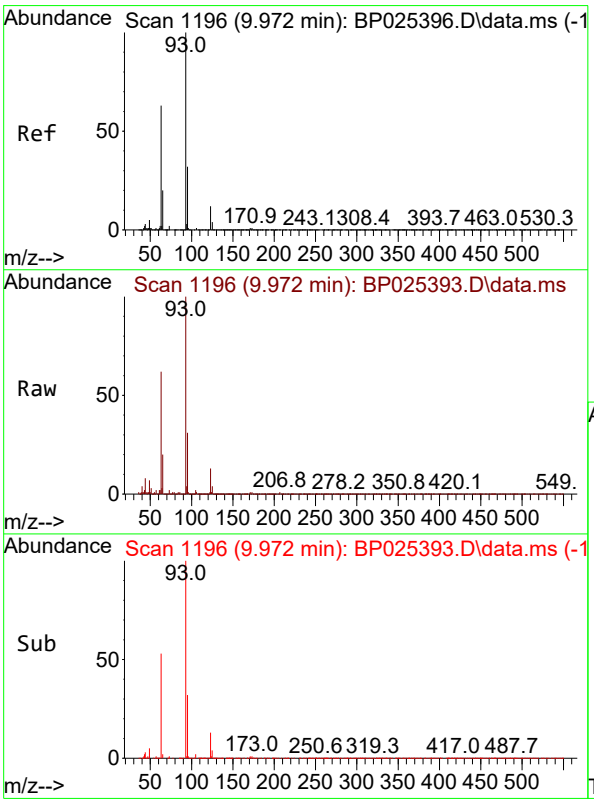
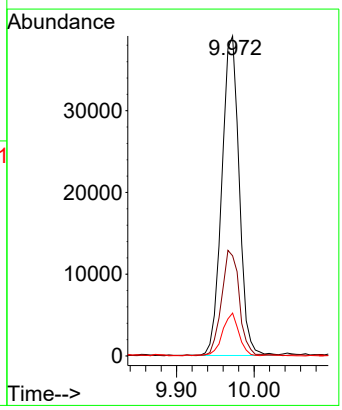
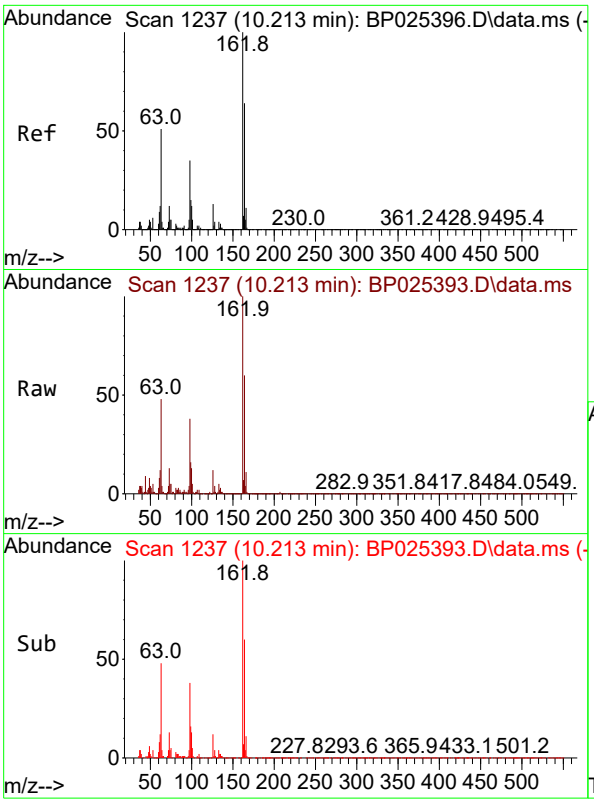


#28
bis(2-Chloroethoxy)methane
Concen: 5.233 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 93 Resp: 61017

Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.4	38.0
123	13.4	9.4	14.0

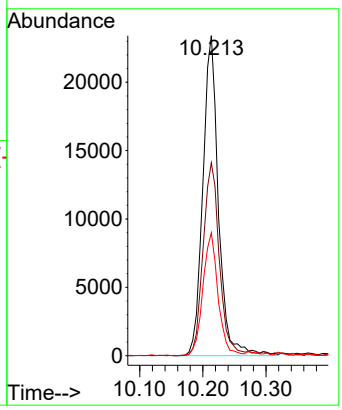




#29
2,4-Dichlorophenol
Concen: 4.723 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:162 Resp: 4033

Ion	Ratio	Lower	Upper
162	100		
164	60.3	44.4	84.4
98	38.4	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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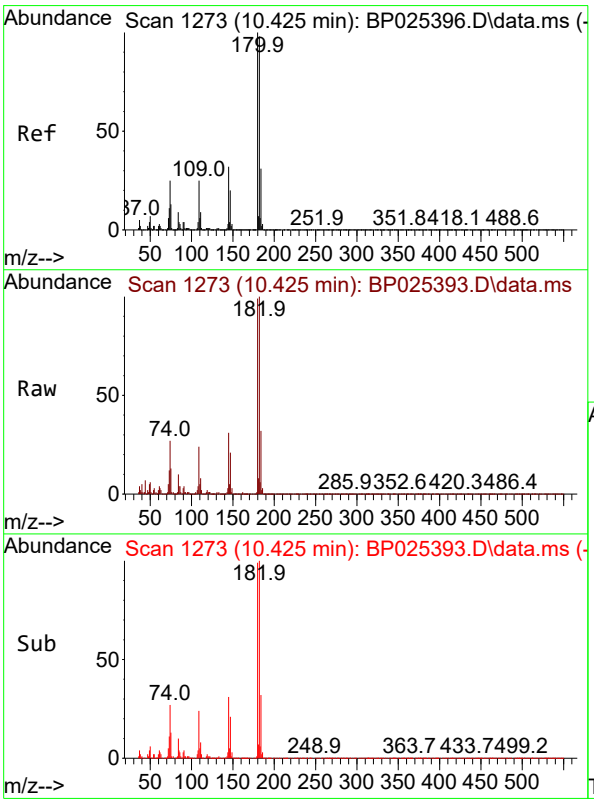
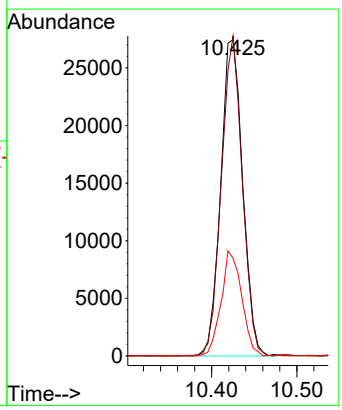
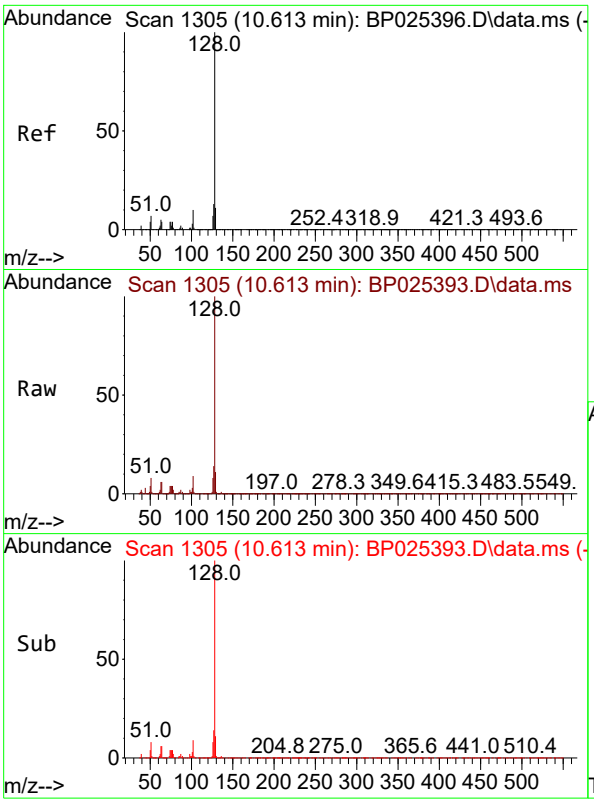


#30
1,2,4-Trichlorobenzene
Concen: 5.259 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:180 Resp: 49237

Ion	Ratio	Lower	Upper
180	100		
182	101.2	78.0	117.0
145	30.9	25.9	38.9

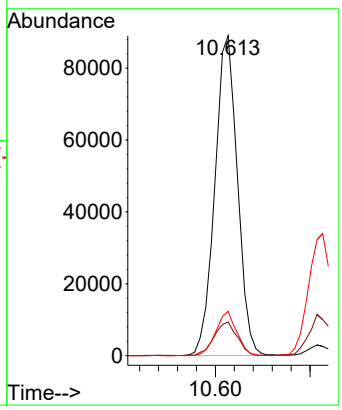




#31
Naphthalene
Concen: 5.141 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:128 Resp: 14734

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.9	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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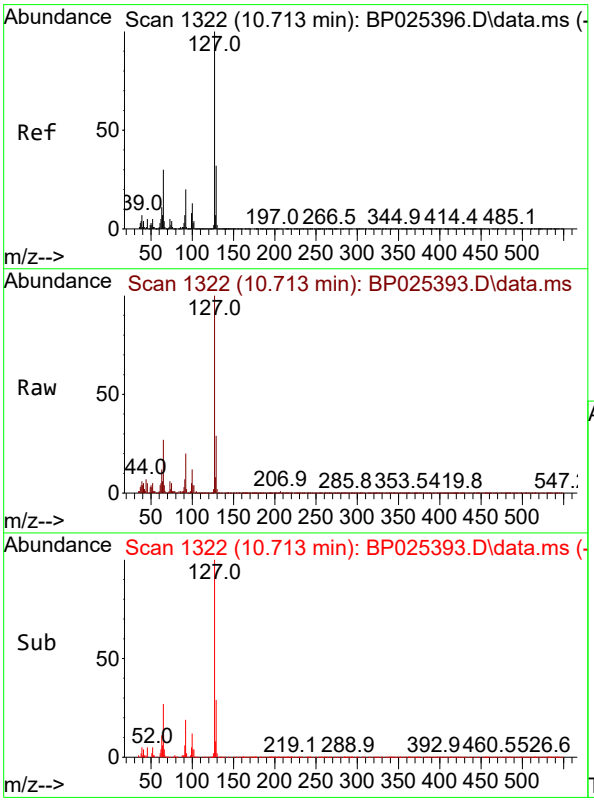
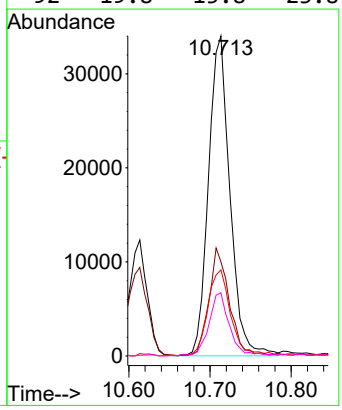
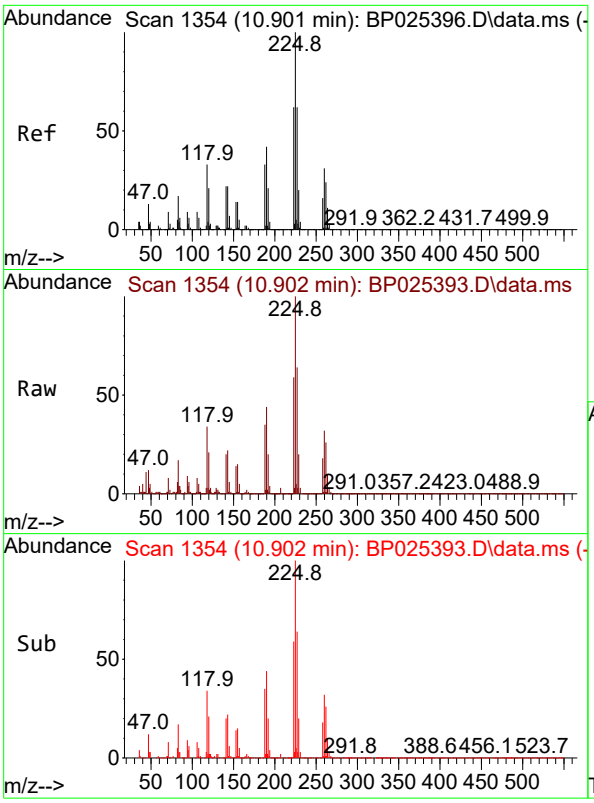


#33
4-Chloroaniline
Concen: 4.933 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:127 Resp: 62452

Ion	Ratio	Lower	Upper
127	100		
129	29.4	25.4	38.2
65	26.9	23.8	35.6
92	19.8	15.8	23.8

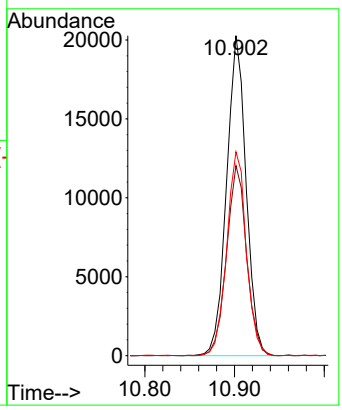




#34
Hexachlorobutadiene
Concen: 5.241 ng
RT: 10.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:225 Resp: 3055

Ion	Ratio	Lower	Upper
225	100		
223	59.4	50.0	75.0
227	66.3	49.7	74.5



Instrument :
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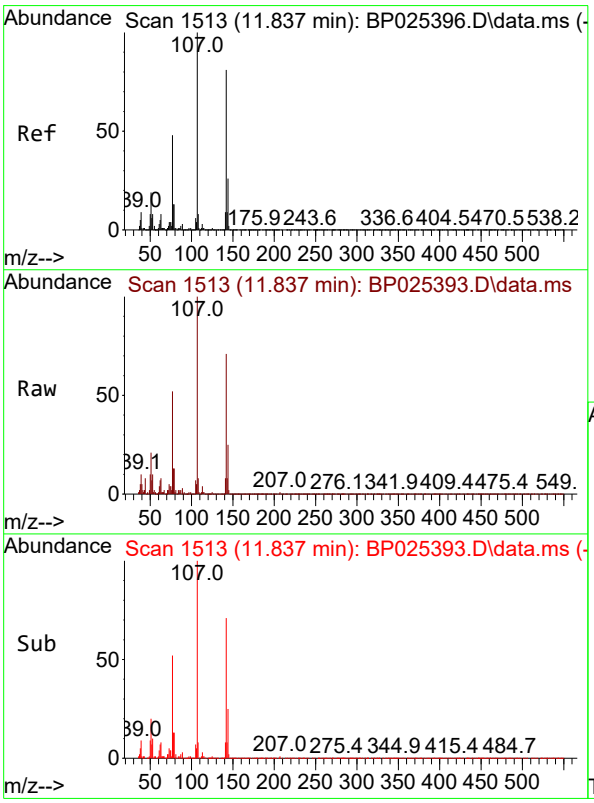
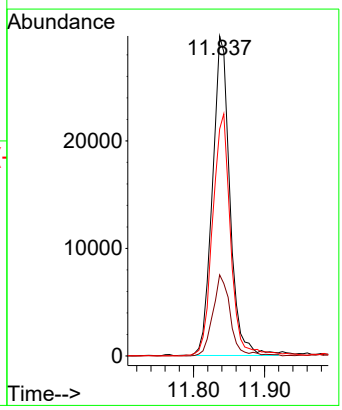
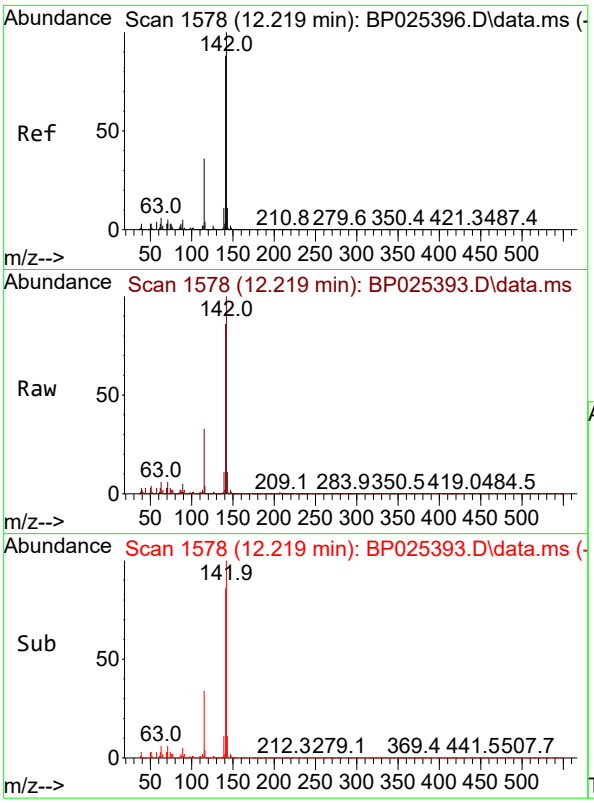


#36
4-Chloro-3-methylphenol
Concen: 5.154 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:107 Resp: 50515

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	70.9	64.6	97.0

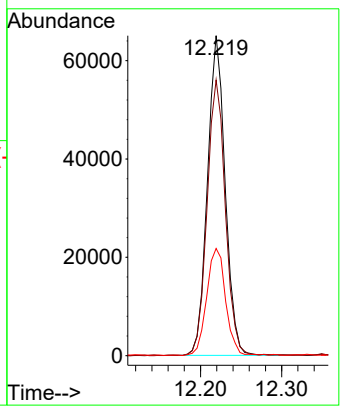




#37
2-Methylnaphthalene
Concen: 5.289 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:142 Resp: 9864

Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.3	105.5
115	33.5	28.9	43.3



Instrument :
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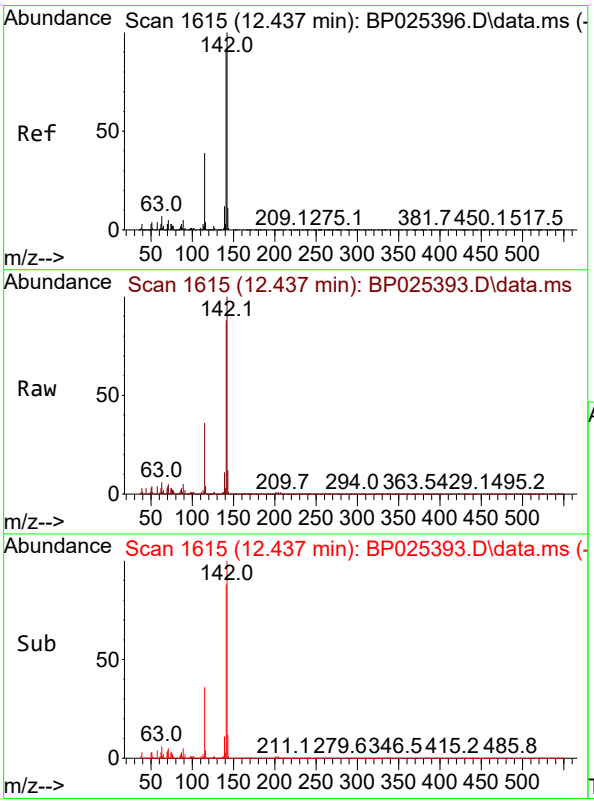
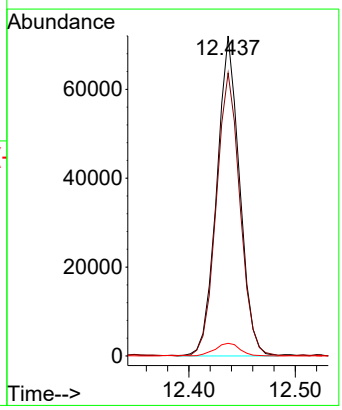
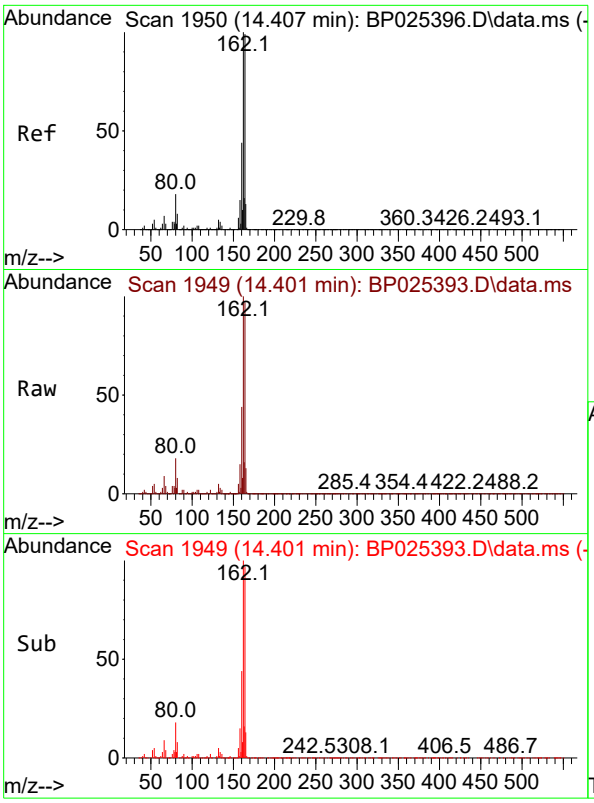


#38
1-Methylnaphthalene
Concen: 5.397 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:142 Resp: 107044

Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.1	109.7
116	3.9	3.2	4.8

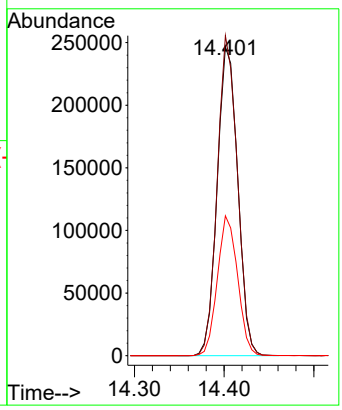




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:164 Resp: 39237

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.0	121.6
160	45.3	35.4	53.2



Instrument :
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ClientSampleId :
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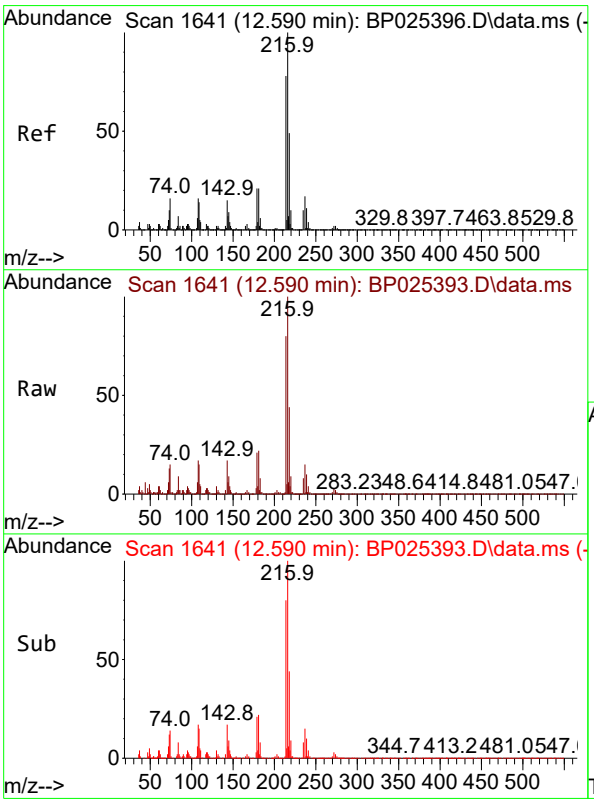
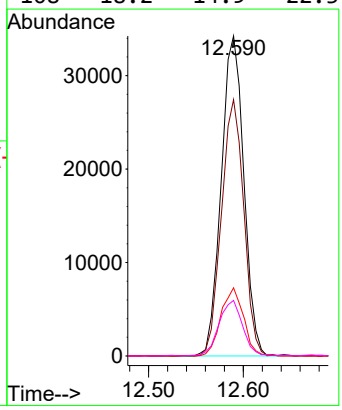
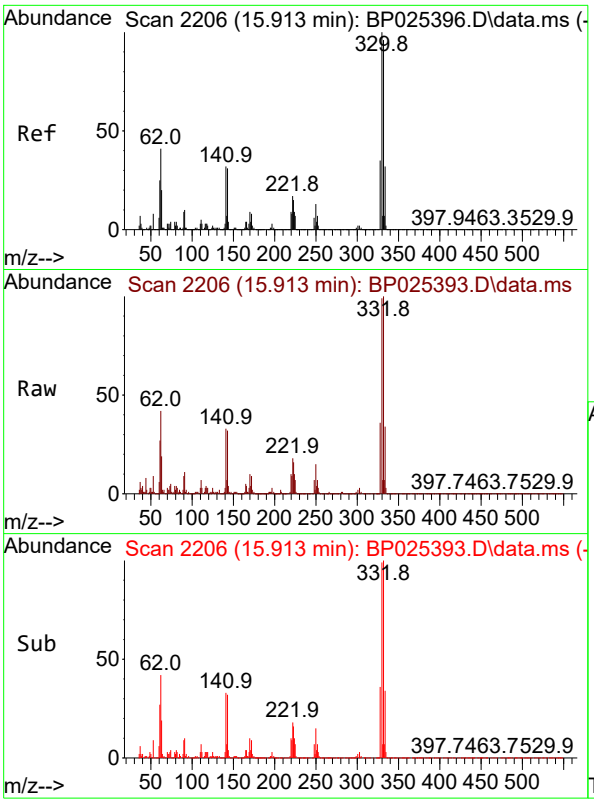


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.001 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:216 Resp: 56676

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	21.3	17.1	25.7
108	18.2	14.9	22.3

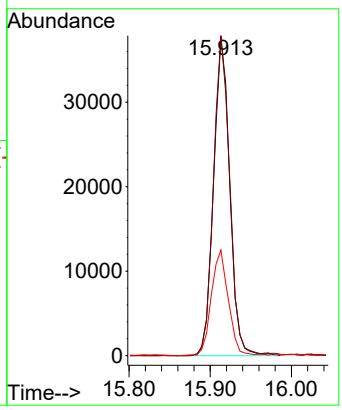




#42
2,4,6-Tribromophenol
Concen: 9.881 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:330 Resp: 5218

Ion	Ratio	Lower	Upper
330	100		
332	100.4	77.3	115.9
141	34.9	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
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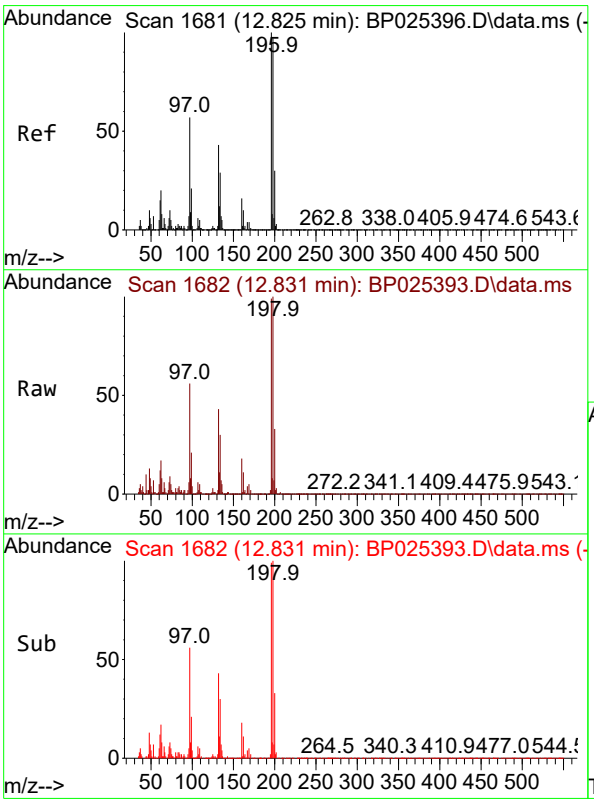
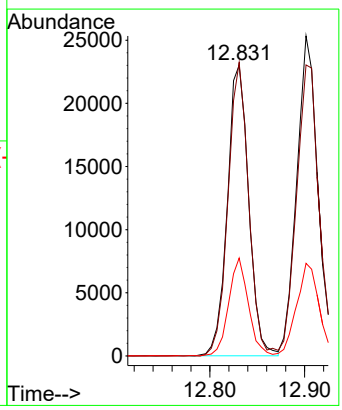
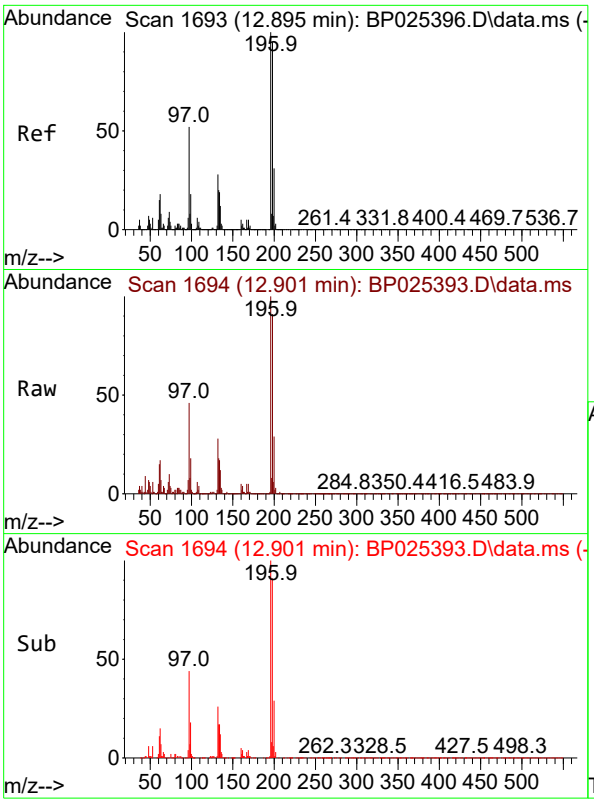


#43
2,4,6-Trichlorophenol
Concen: 4.718 ng
RT: 12.831 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:196 Resp: 36093

Ion	Ratio	Lower	Upper
196	100		
198	101.0	77.2	115.8
200	33.7	23.9	35.9

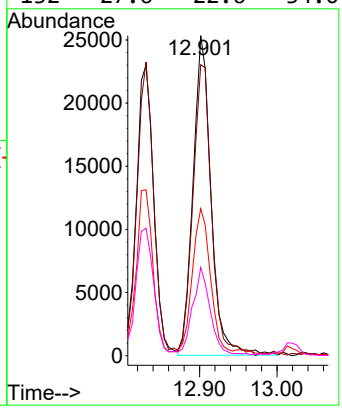




#44
2,4,5-Trichlorophenol
Concen: 4.875 ng
RT: 12.901 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:196 Resp: 4087

Ion	Ratio	Lower	Upper
196	100		
198	91.0	76.2	114.2
97	46.0	41.2	61.8
132	27.6	22.6	34.0



Instrument :
BNA_P
ClientSampleId :
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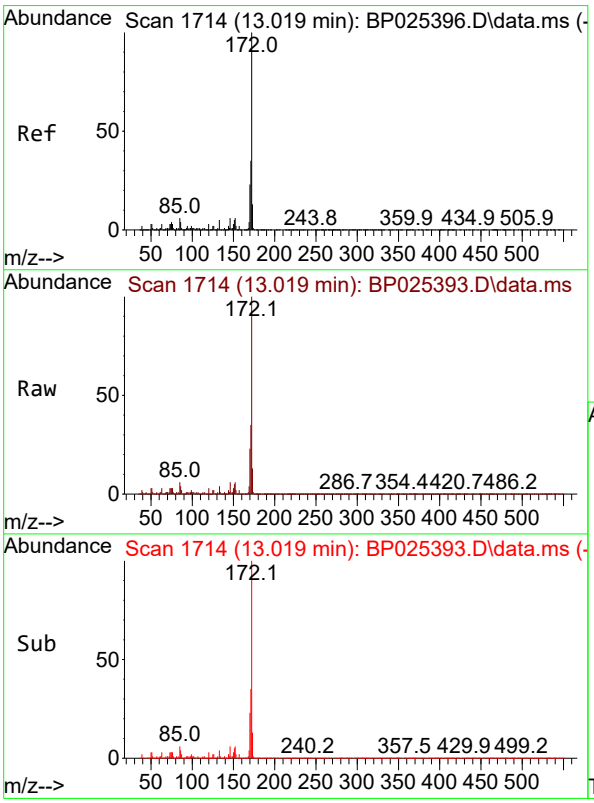
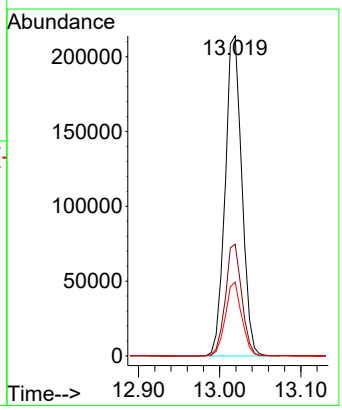
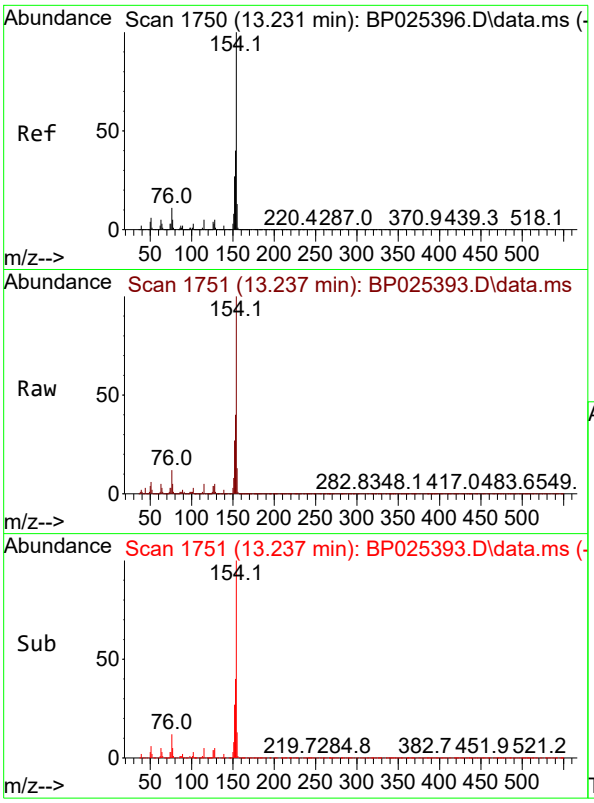


#45
2-Fluorobiphenyl
Concen: 10.649 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:172 Resp: 305742

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.1	18.6	28.0

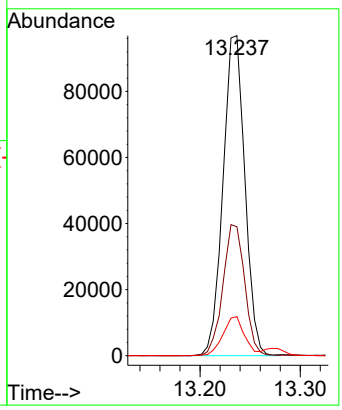




#46
1,1'-Biphenyl
Concen: 5.146 ng
RT: 13.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:154 Resp: 14665

Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.5	59.5
76	12.2	0.0	31.1



Instrument :
BNA_P
ClientSampleId :
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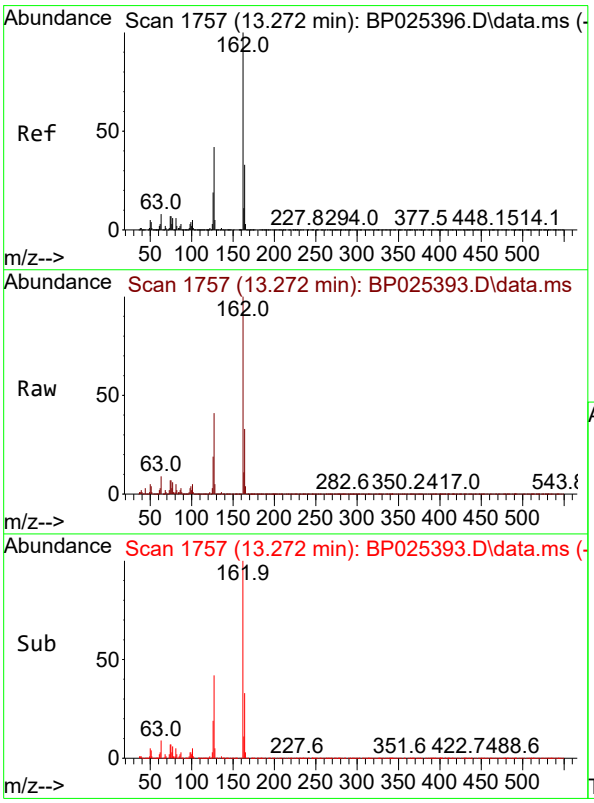
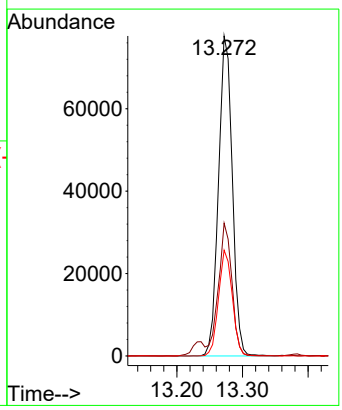
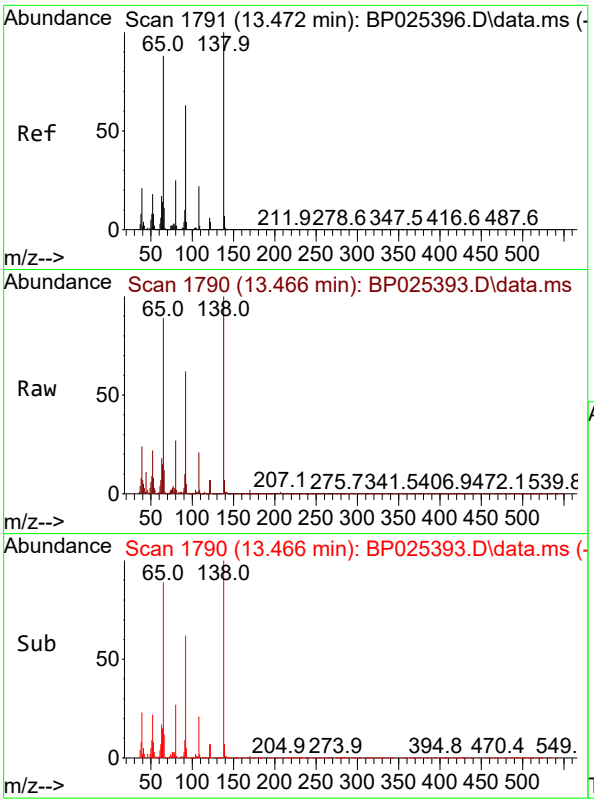


#47
2-Chloronaphthalene
Concen: 5.094 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:162 Resp: 113015

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	33.0	26.2	39.2

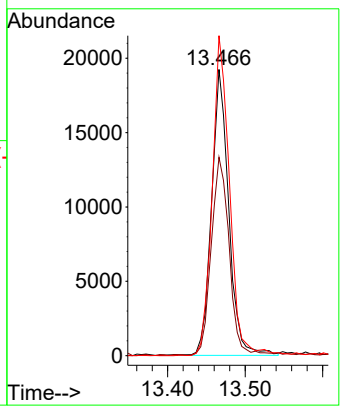




#48
2-Nitroaniline
Concen: 4.568 ng
RT: 13.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 65 Resp: 2952

Ion	Ratio	Lower	Upper
65	100		
92	69.3	57.6	86.4
138	111.8	91.0	136.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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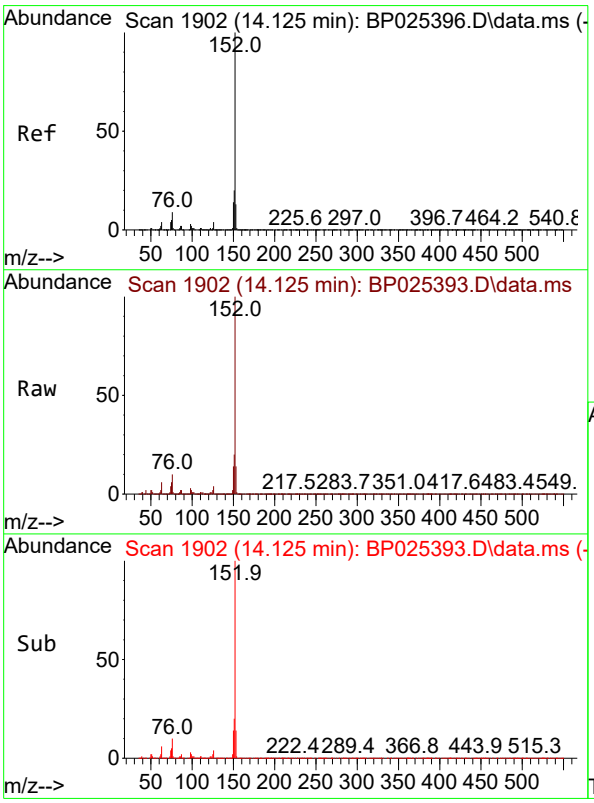
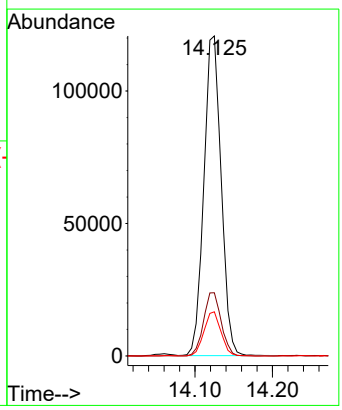
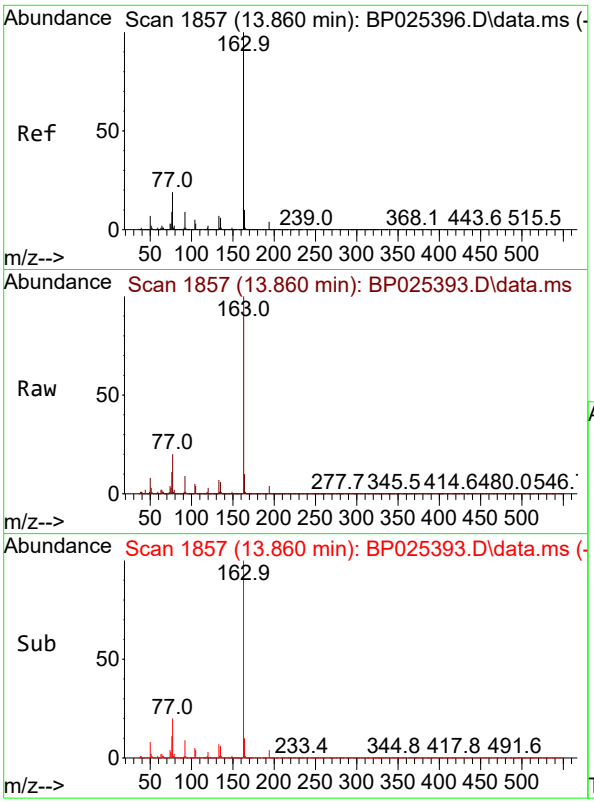


#49
Acenaphthylene
Concen: 5.095 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:152 Resp: 187026

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.8	10.6	15.8

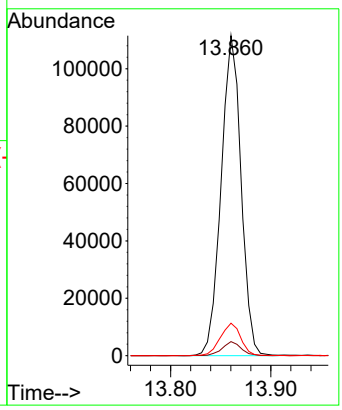




#50
Dimethylphthalate
Concen: 5.355 ng
RT: 13.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:163 Resp: 15386

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.1	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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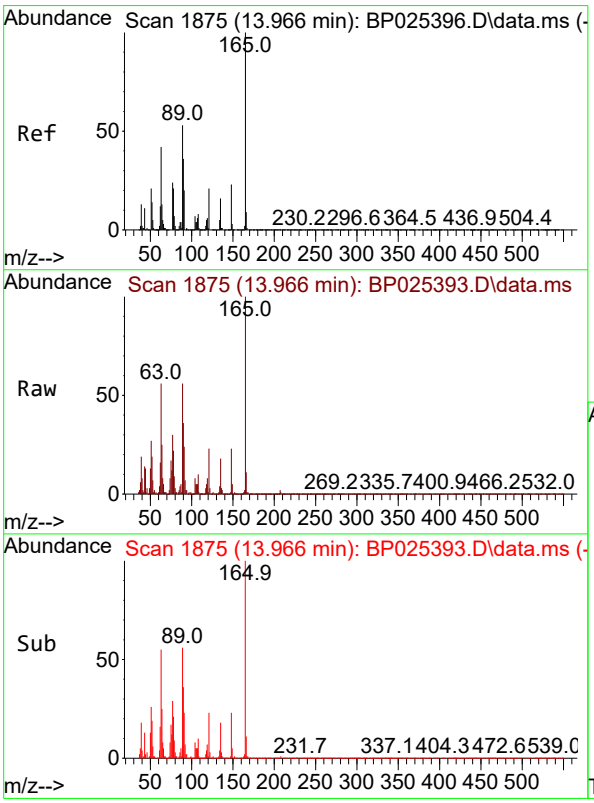
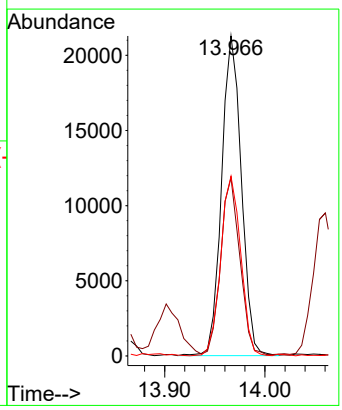
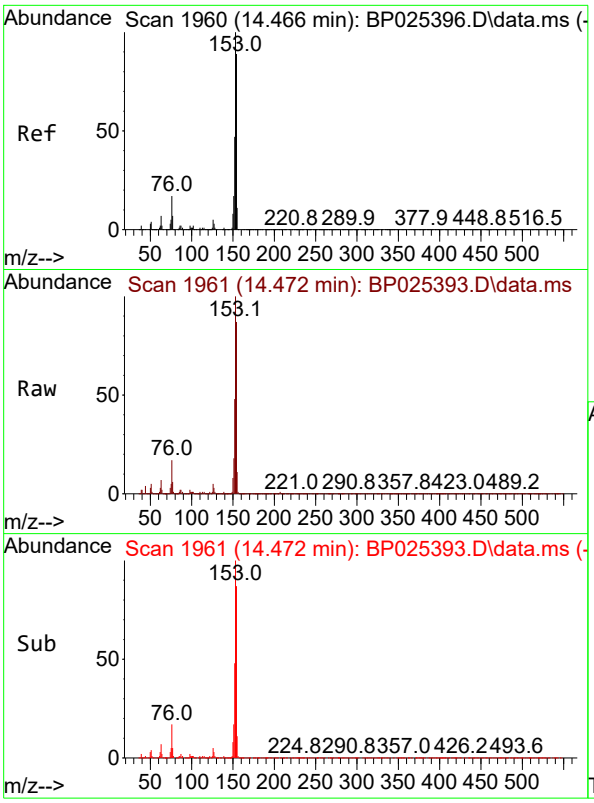


#51
2,6-Dinitrotoluene
Concen: 4.803 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:165 Resp: 29088

Ion	Ratio	Lower	Upper
165	100		
63	55.7	40.9	61.3
89	56.2	42.1	63.1

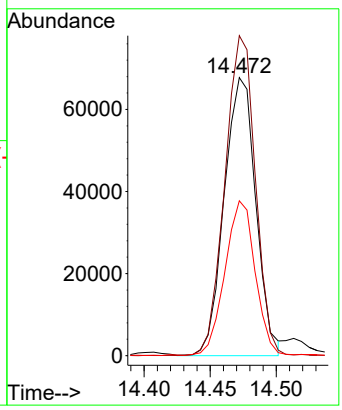




#52
Acenaphthene
Concen: 5.232 ng m
RT: 14.472 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:154 Resp: 11273

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.2	135.2
152	55.7	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
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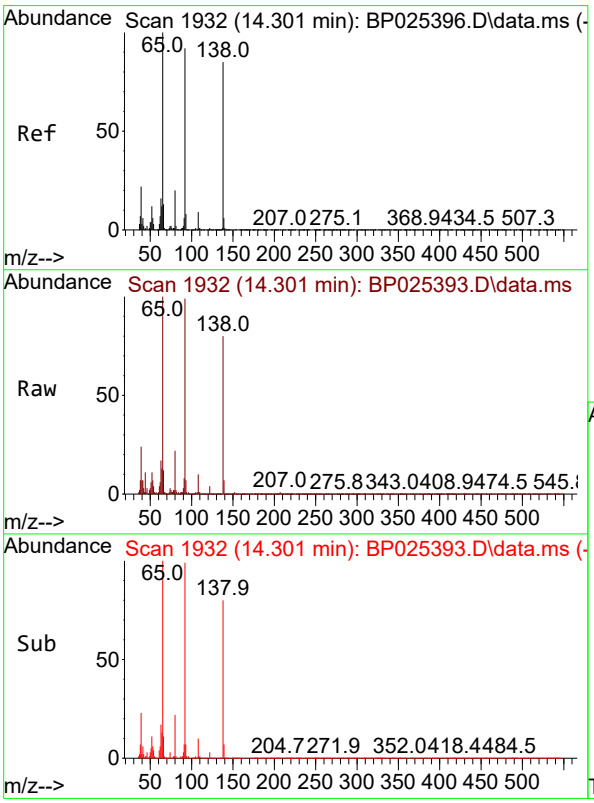
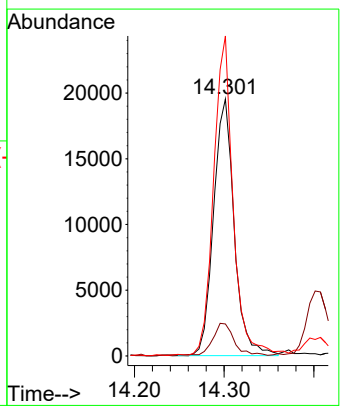
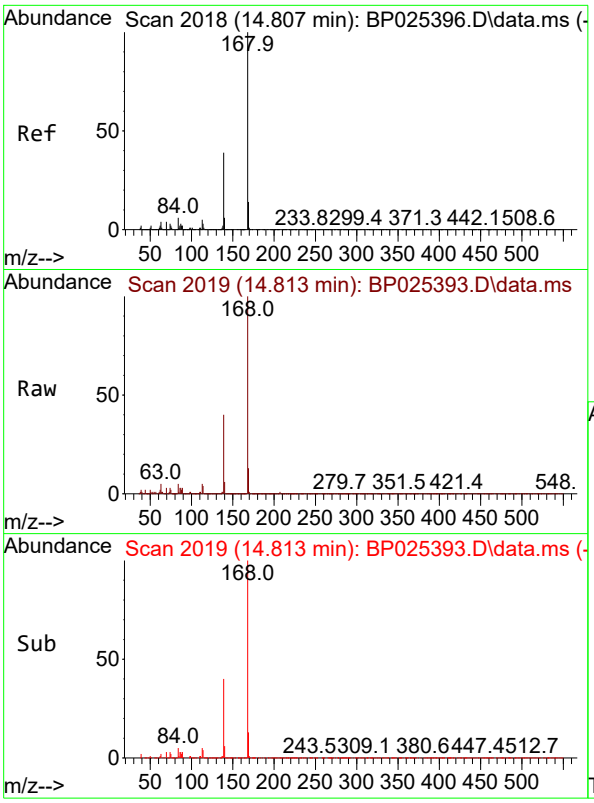


#53
3-Nitroaniline
Concen: 4.583 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 31224

Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.3	12.5
92	124.5	86.2	129.2

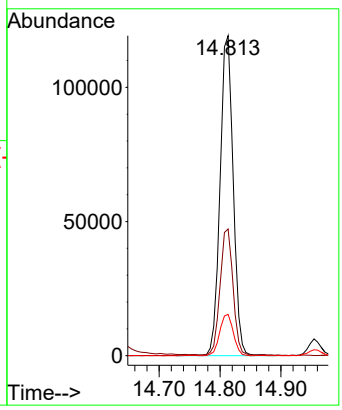




#55
Dibenzofuran
Concen: 5.240 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:168 Resp: 17849

Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.5	47.3
169	12.9	10.9	16.3



Instrument :
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ClientSampleId :
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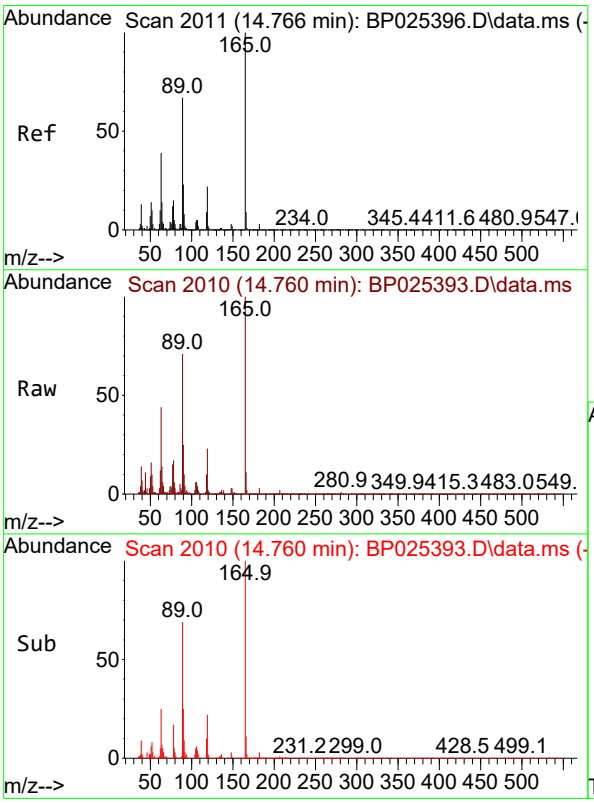
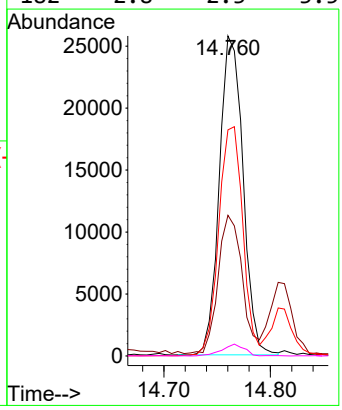
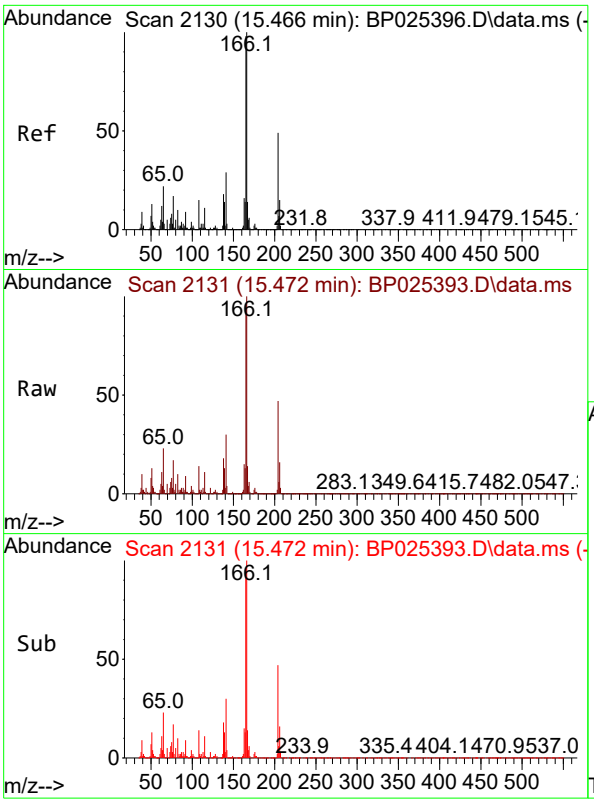


#57
2,4-Dinitrotoluene
Concen: 4.590 ng
RT: 14.760 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:165 Resp: 39658

Ion	Ratio	Lower	Upper
165	100		
63	43.9	31.4	47.2
89	70.6	53.3	79.9
182	2.8	2.3	3.5





#58
Fluorene
Concen: 5.497 ng
RT: 15.472 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 14776

Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.8	118.2
167	13.8	11.0	16.4

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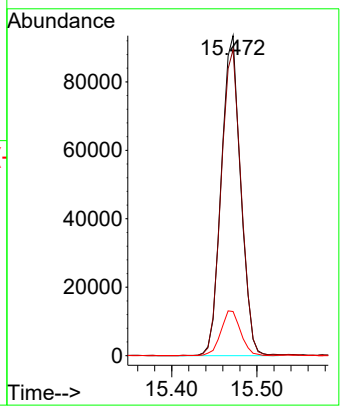
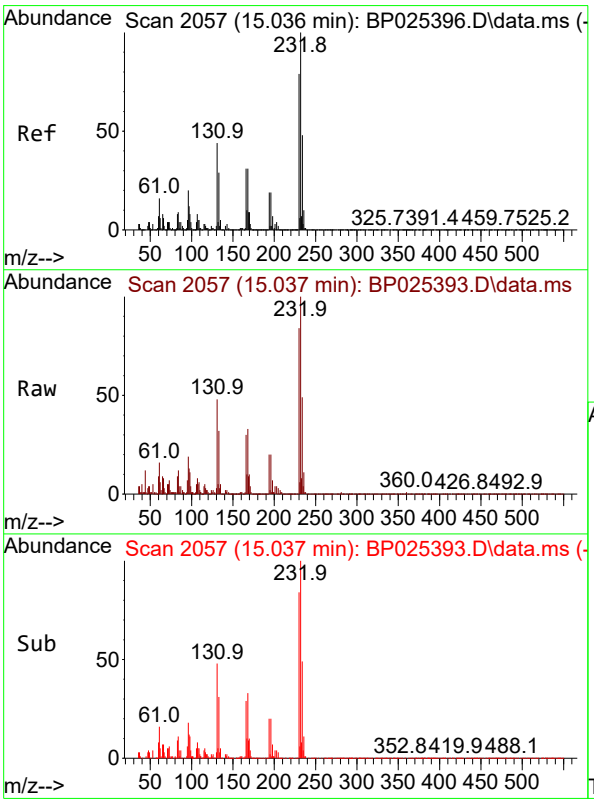
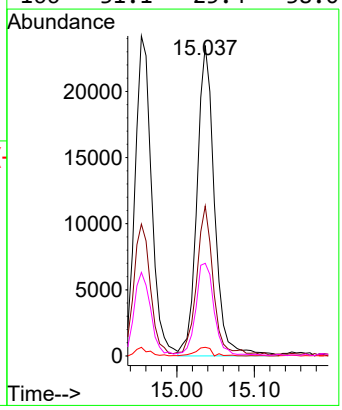


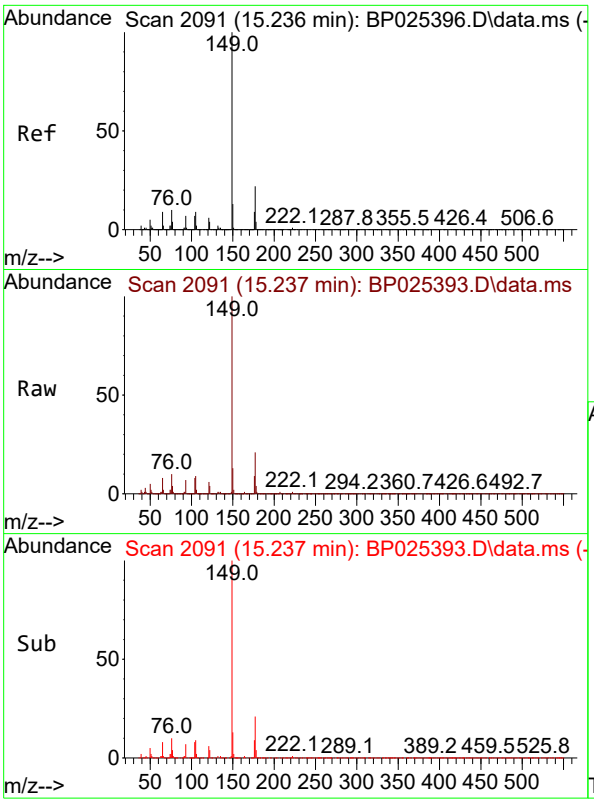


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.968 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:232 Resp: 36779

Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.0	55.6
130	2.7	1.9	2.9
166	31.1	25.4	38.0

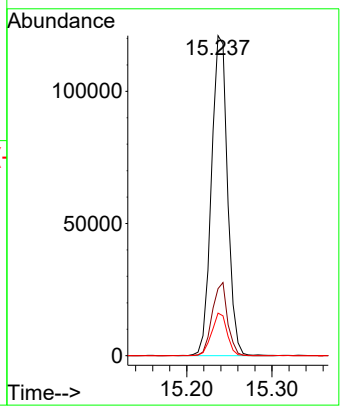




#60
Diethylphthalate
Concen: 5.426 ng
RT: 15.237 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:149 Resp: 15842

Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.3	25.9
150	13.3	10.3	15.5



Instrument :
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ClientSampleId :
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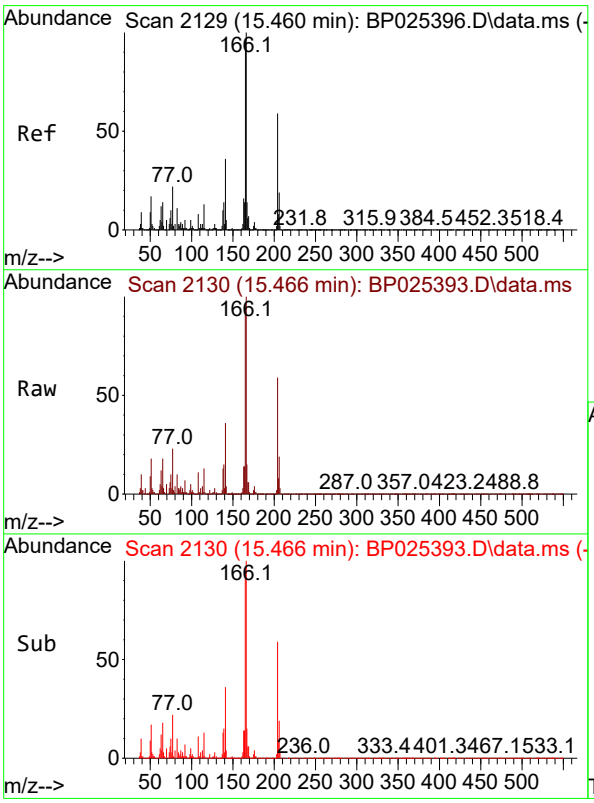
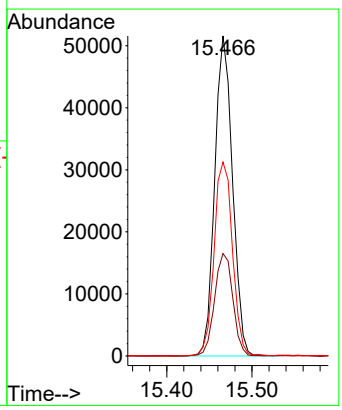
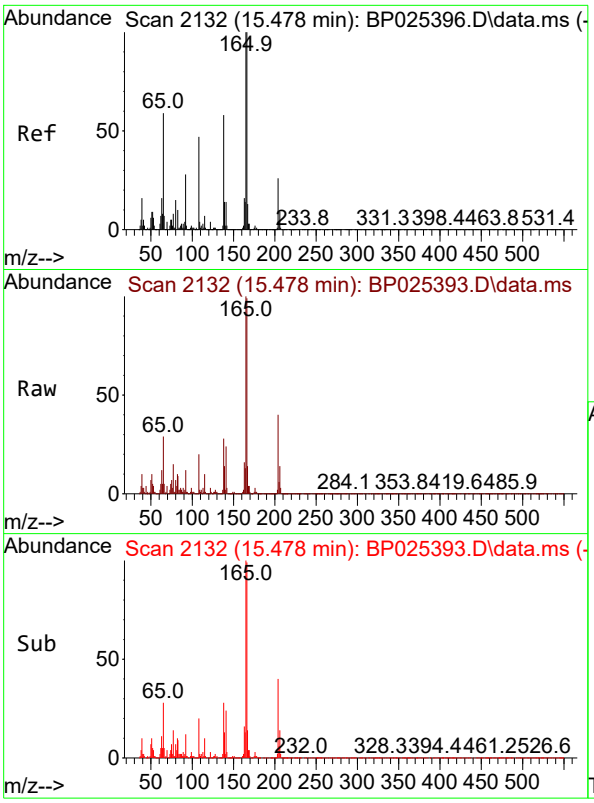


#61
4-Chlorophenyl-phenylether
Concen: 5.583 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:204 Resp: 74636

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.8	38.8
141	60.6	49.4	74.2

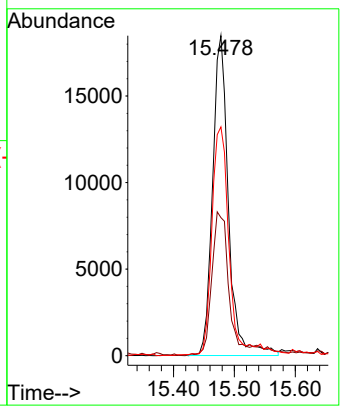




#62
4-Nitroaniline
Concen: 4.791 ng
RT: 15.478 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 3346

Ion	Ratio	Lower	Upper
138	100		
92	43.2	29.1	69.1
108	71.5	61.5	101.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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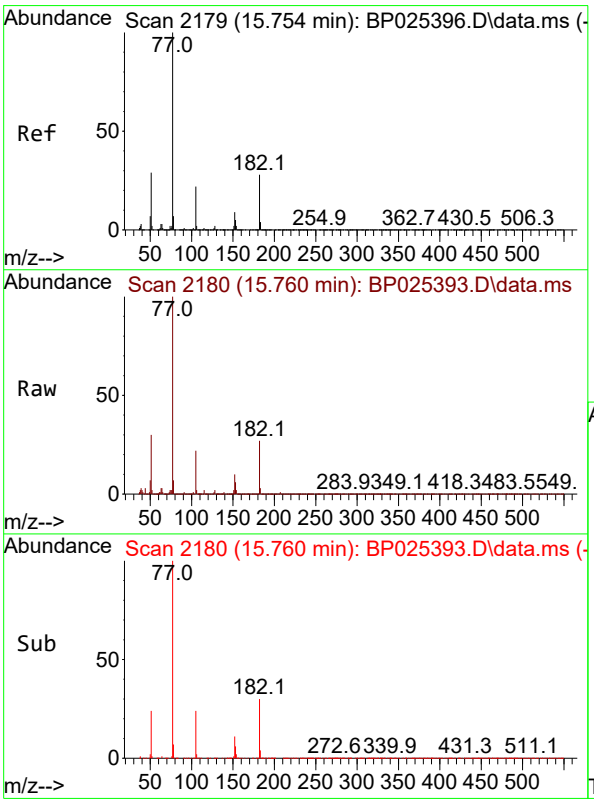
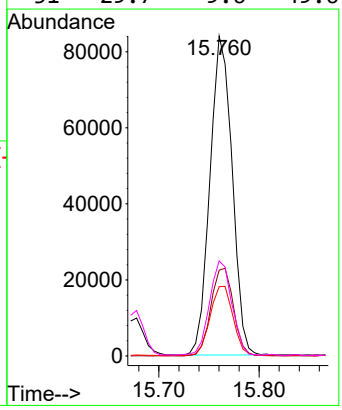
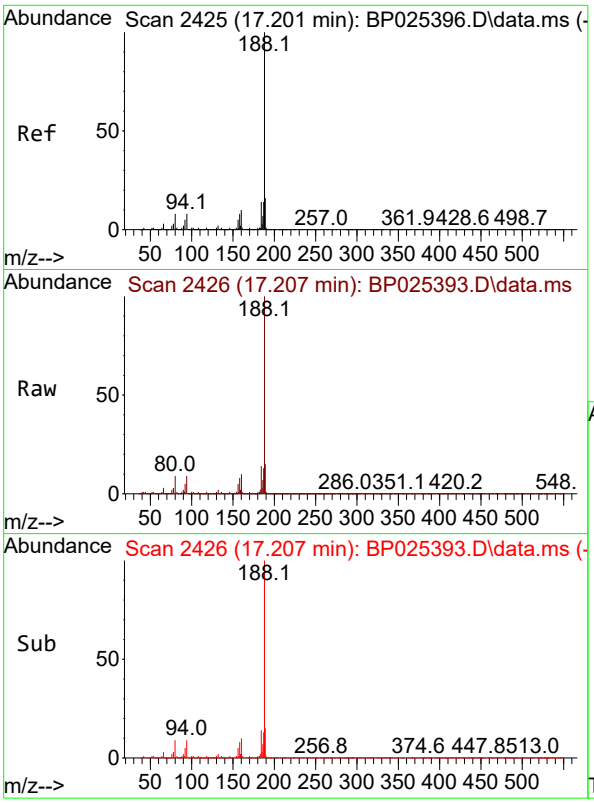


#63
Azobenzene
Concen: 5.159 ng
RT: 15.760 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 77 Resp: 128978

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.5	47.5
105	21.6	2.1	42.1
51	29.7	9.6	49.6

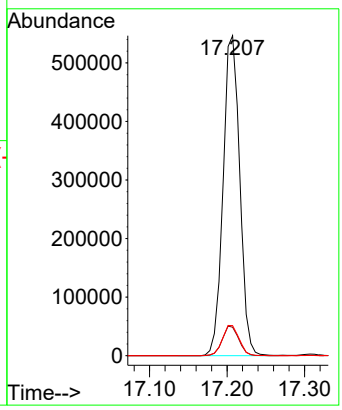




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:188 Resp: 81633

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.4	6.7	10.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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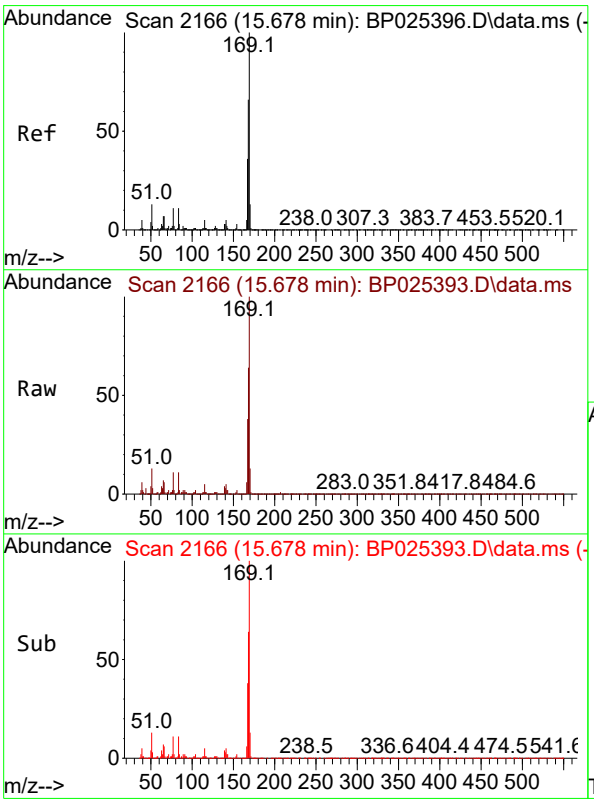
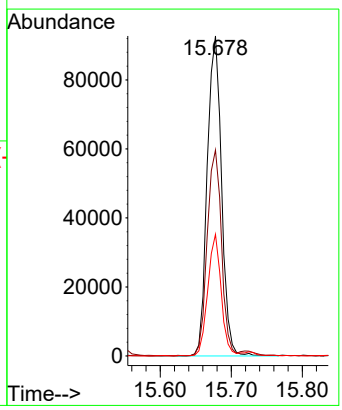
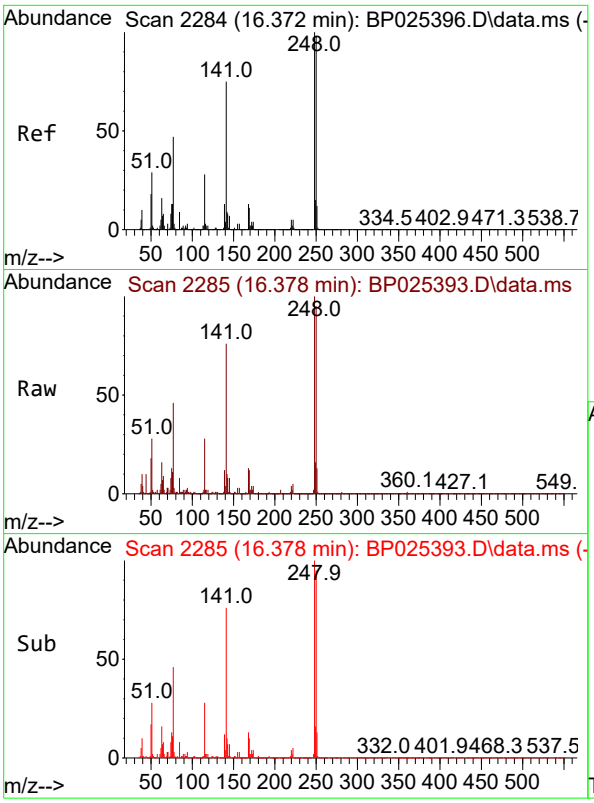


#66
n-Nitrosodiphenylamine
Concen: 5.214 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:169 Resp: 129805

Ion	Ratio	Lower	Upper
169	100		
168	64.3	53.2	79.8
167	38.0	28.7	43.1

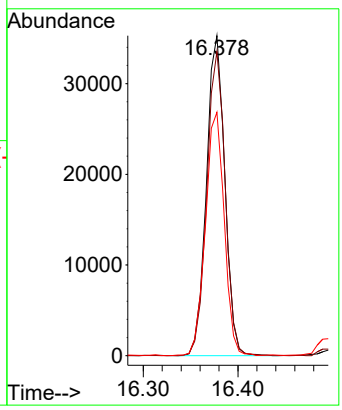




#67
4-Bromophenyl-phenylether
Concen: 5.299 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:248 Resp: 4757

Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.2	117.2
141	76.0	59.6	89.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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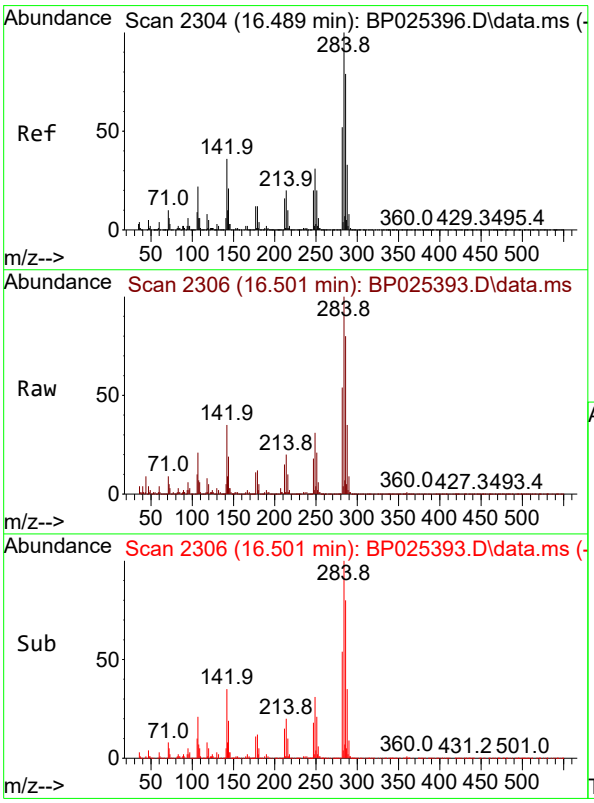
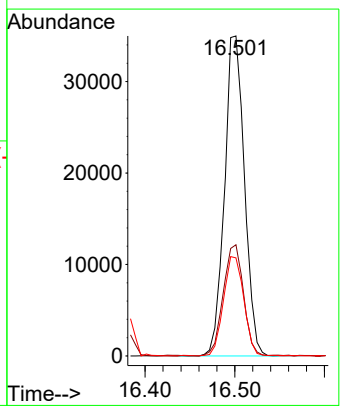
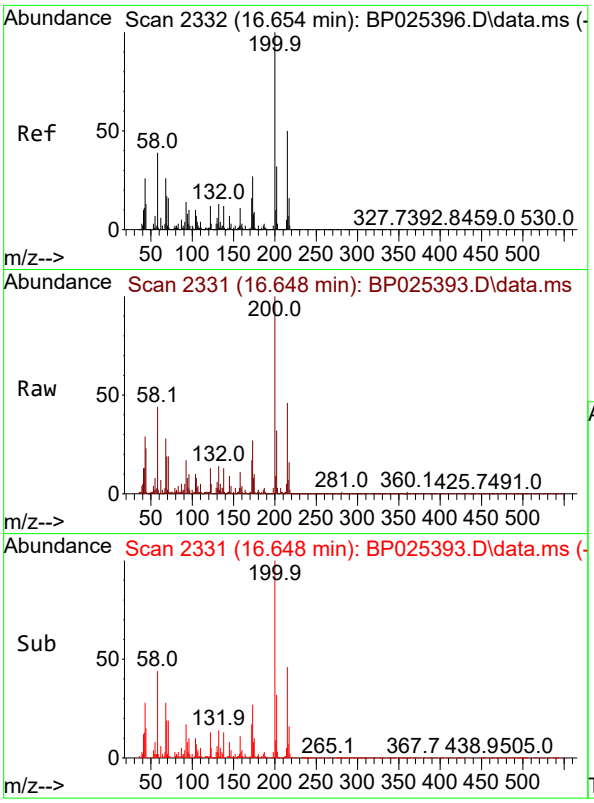


#68
Hexachlorobenzene
Concen: 5.183 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:284 Resp: 53940

Ion	Ratio	Lower	Upper
284	100		
142	34.7	29.1	43.7
249	30.6	25.0	37.4

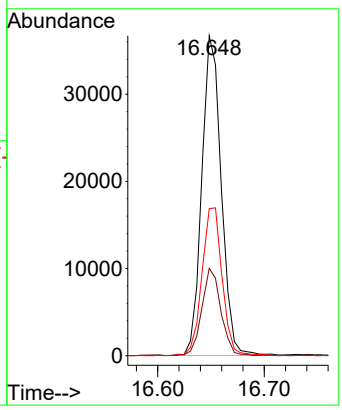




#69
Atrazine
Concen: 5.015 ng
RT: 16.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:200 Resp: 4675

Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.7	46.7
215	45.9	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
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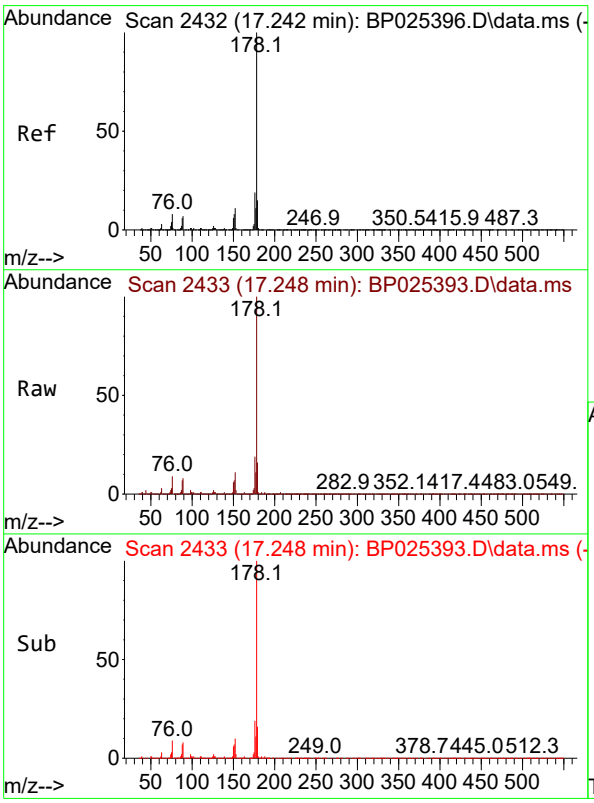
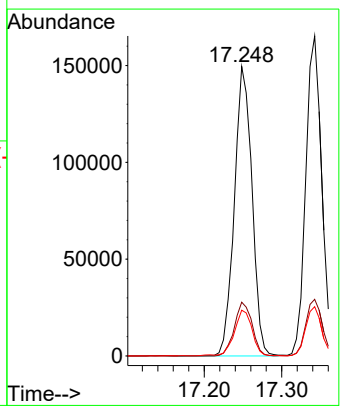
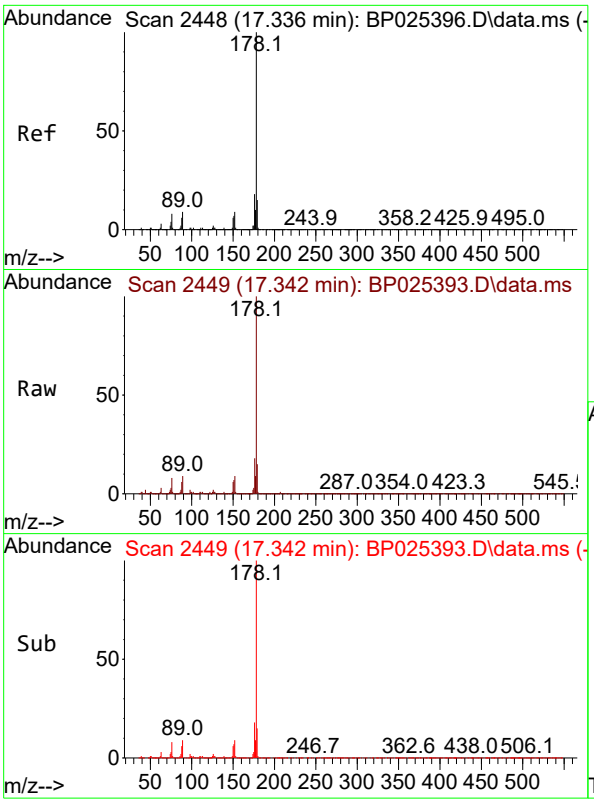


#71
Phenanthrene
Concen: 5.287 ng
RT: 17.248 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:178 Resp: 237107

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.8	12.2	18.4

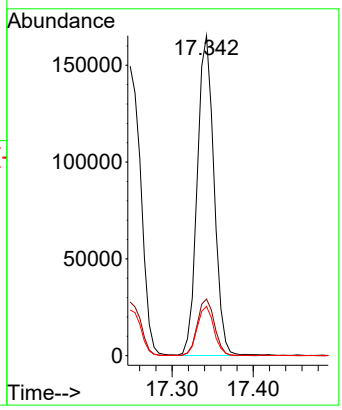




#72
Anthracene
Concen: 5.174 ng
RT: 17.342 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:178 Resp: 23693

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.7	22.1
179	15.4	12.2	18.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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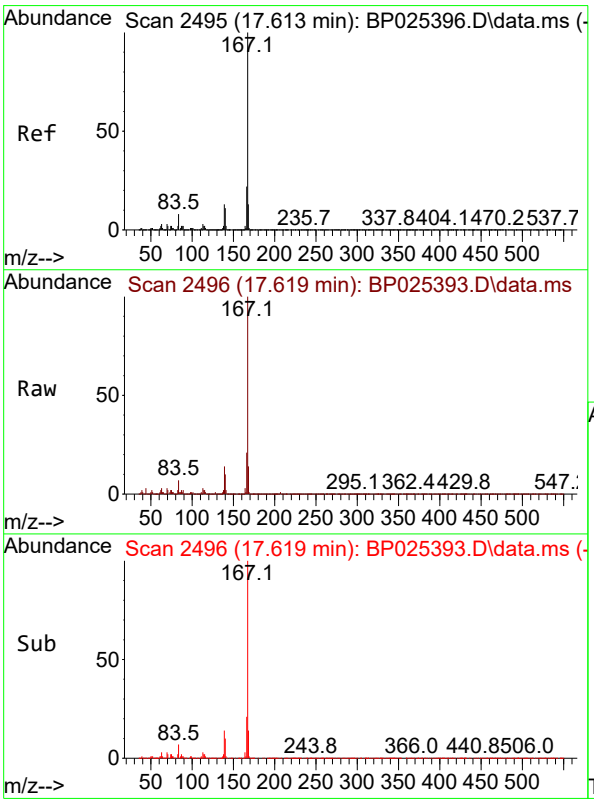
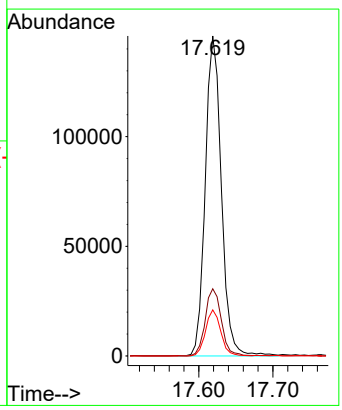
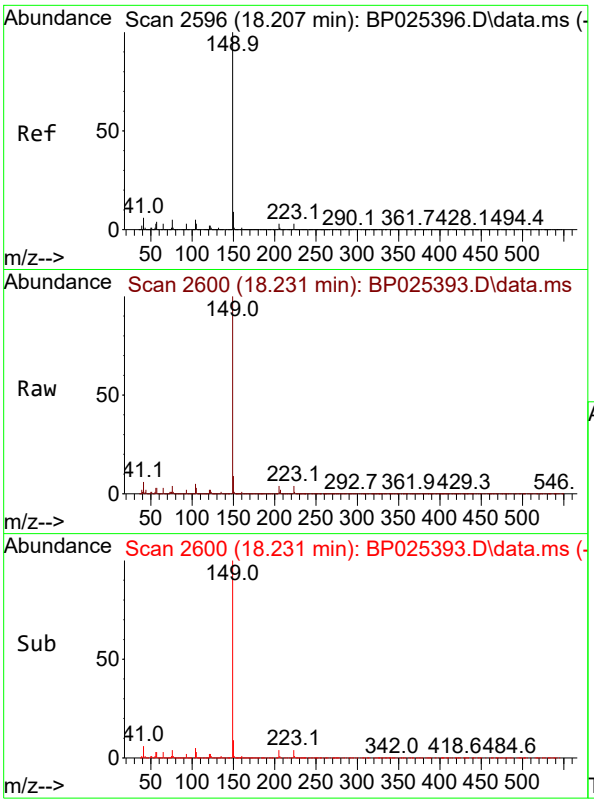


#73
Carbazole
Concen: 5.103 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:167 Resp: 220112

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.5	26.3
139	14.4	10.6	16.0

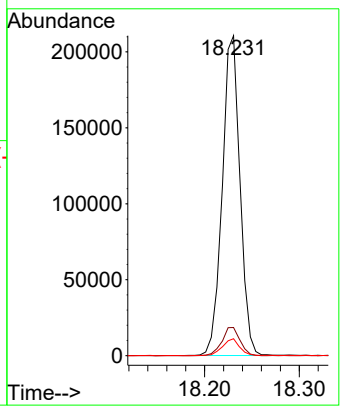




#74
Di-n-butylphthalate
Concen: 5.172 ng
RT: 18.231 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:149 Resp: 27446

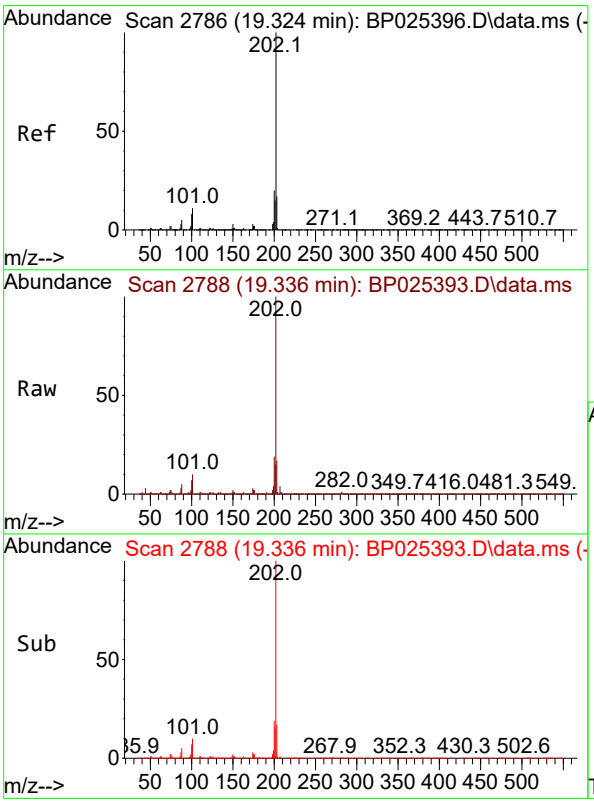
Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.0
104	5.3	4.2	6.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

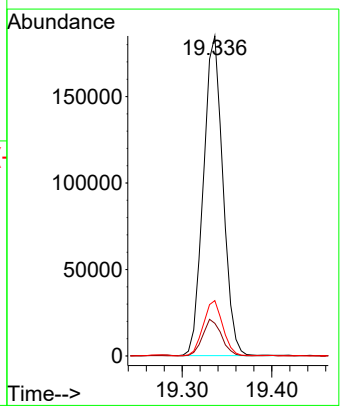
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

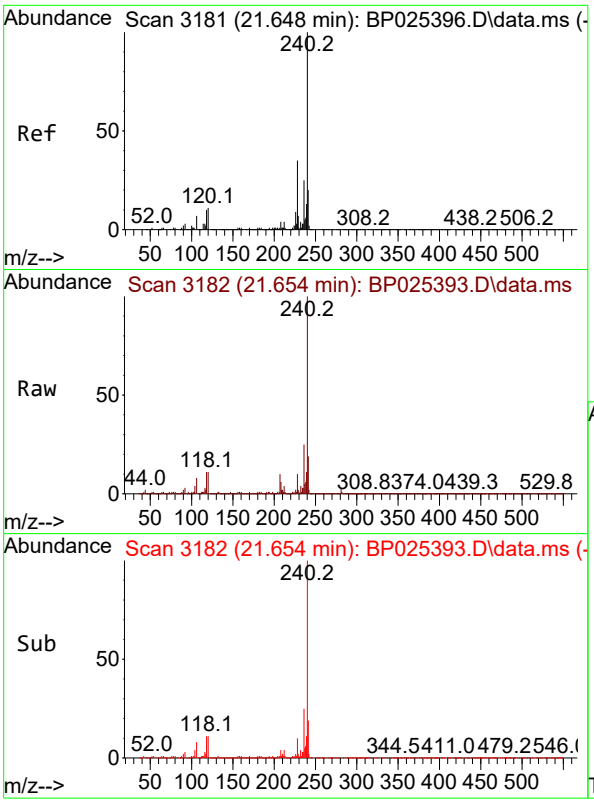


#75
Fluoranthene
Concen: 5.225 ng
RT: 19.336 min Scan# 2788
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:202 Resp: 279497

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.1
203	17.3	0.0	37.3

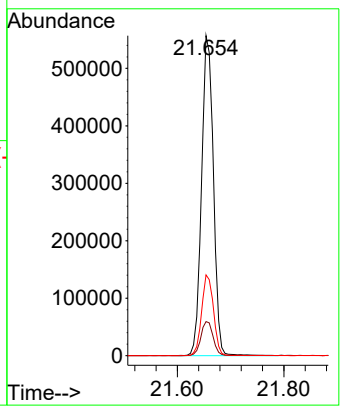




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:240 Resp: 85816

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.2	19.8	29.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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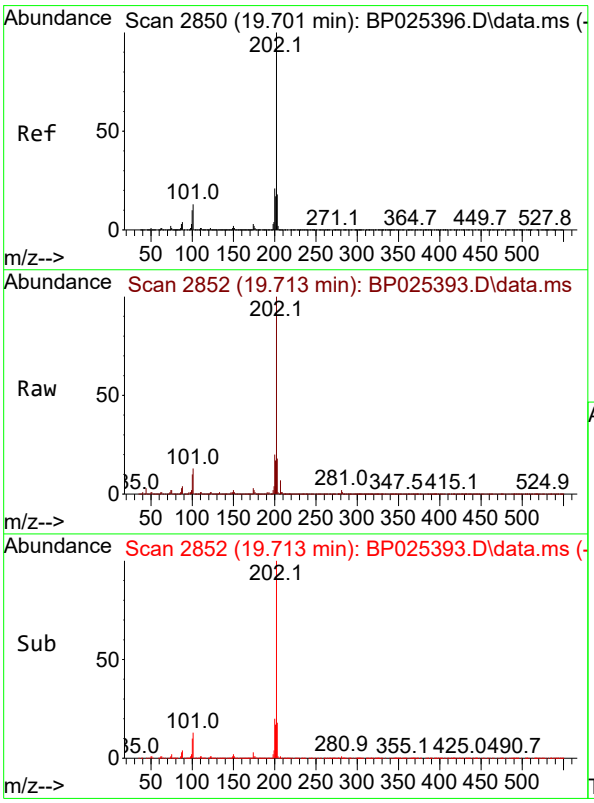
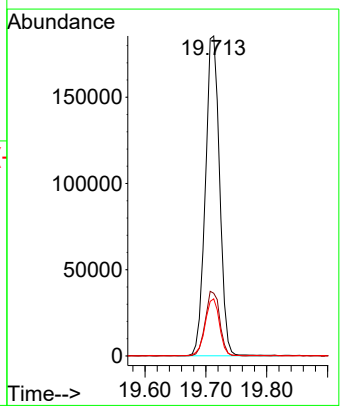
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

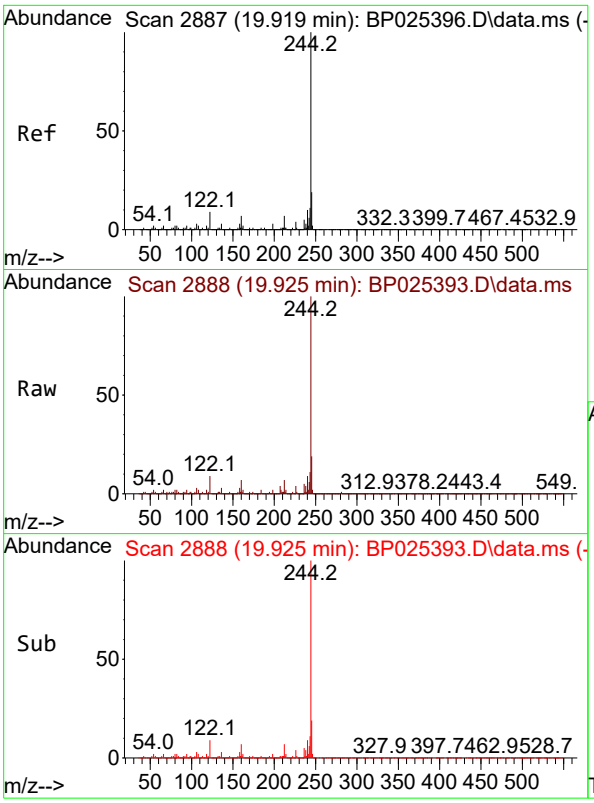


#78
Pyrene
Concen: 5.377 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:202 Resp: 299922

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.9	25.3
203	17.8	14.2	21.2

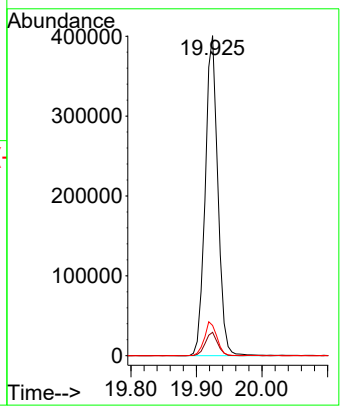




#79
Terphenyl-d14
Concen: 11.428 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:244 Resp: 53604

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.5	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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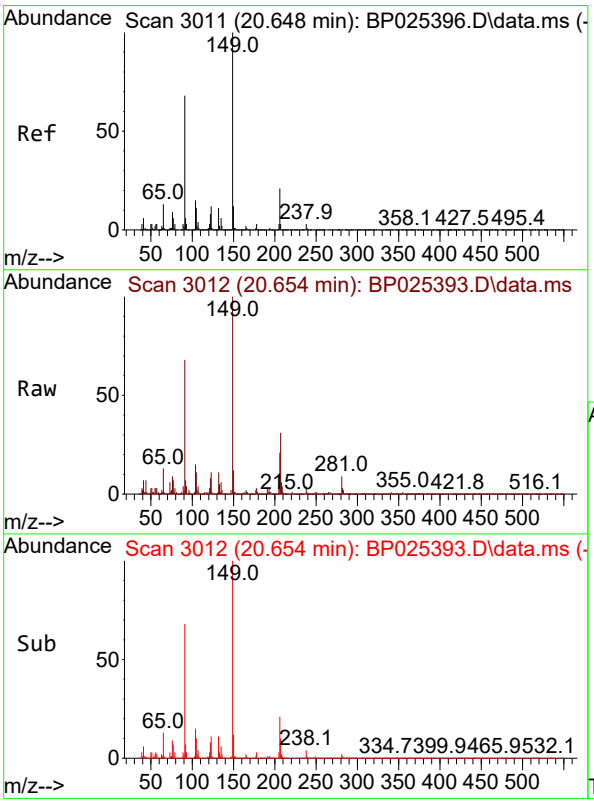
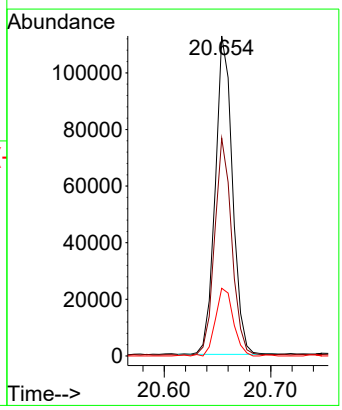
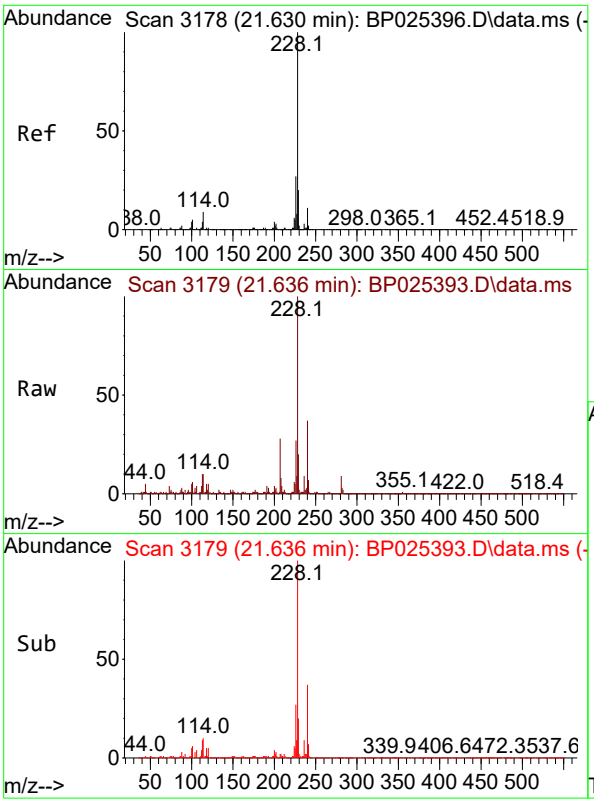


#80
Butylbenzylphthalate
Concen: 4.997 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:149 Resp: 126321

Ion	Ratio	Lower	Upper
149	100		
91	68.0	54.2	81.2
206	21.1	16.6	24.8

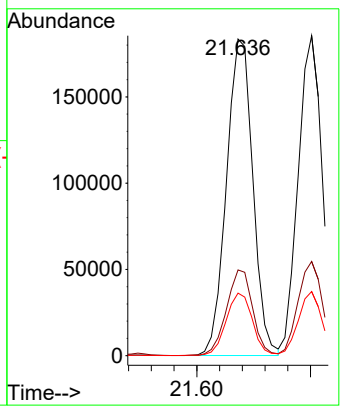




#81
Benzo(a)anthracene
Concen: 5.245 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:228 Resp: 29684

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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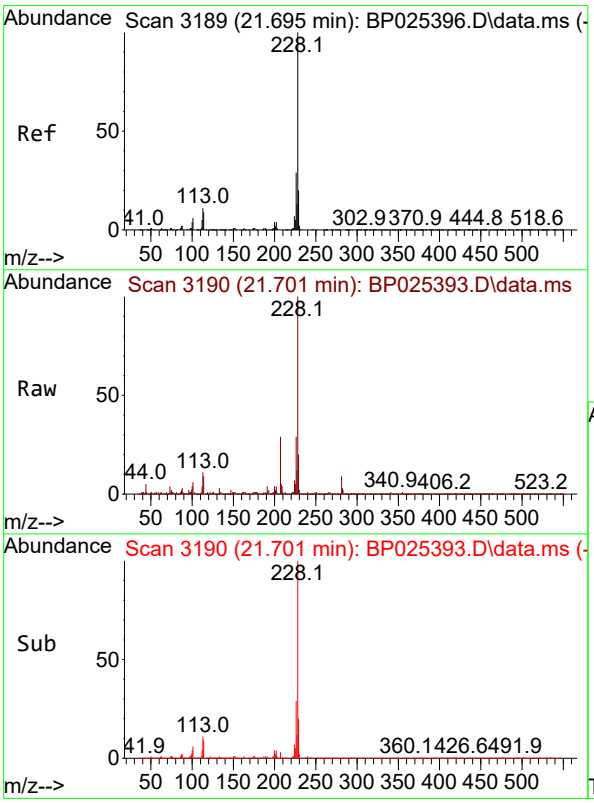
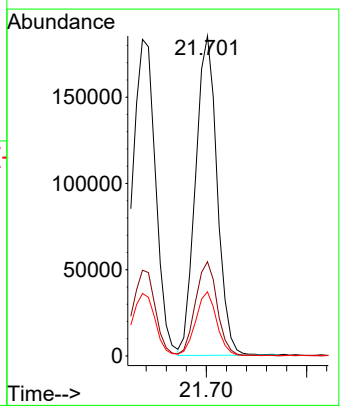
Supervised By :Jagrut Upadhyay 08/15/2025

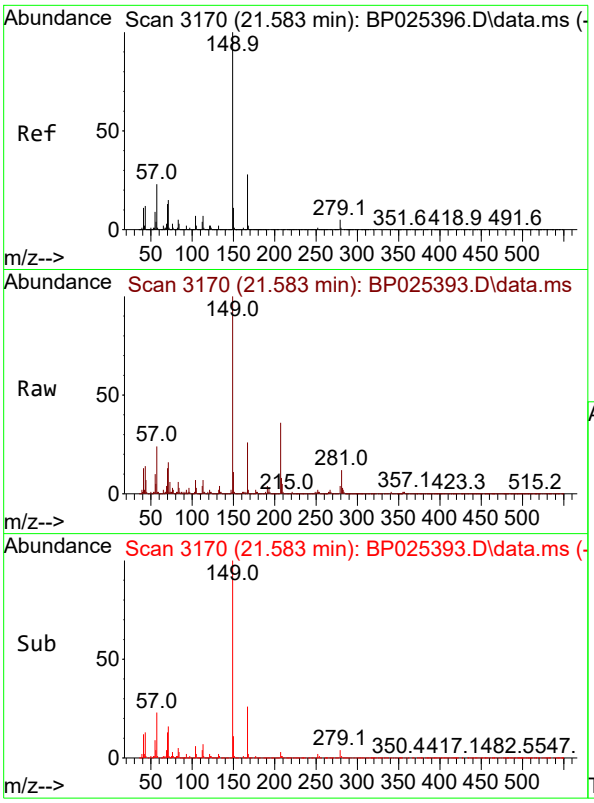


#83
Chrysene
Concen: 5.229 ng
RT: 21.701 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:228 Resp: 277175

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	20.0	15.6	23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.228 ng
RT: 21.583 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 19454

Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.1	33.1
279	3.8	3.8	5.6

Manual Integrations
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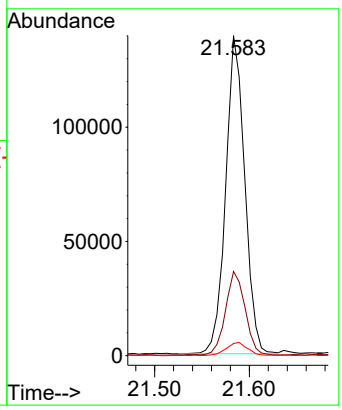
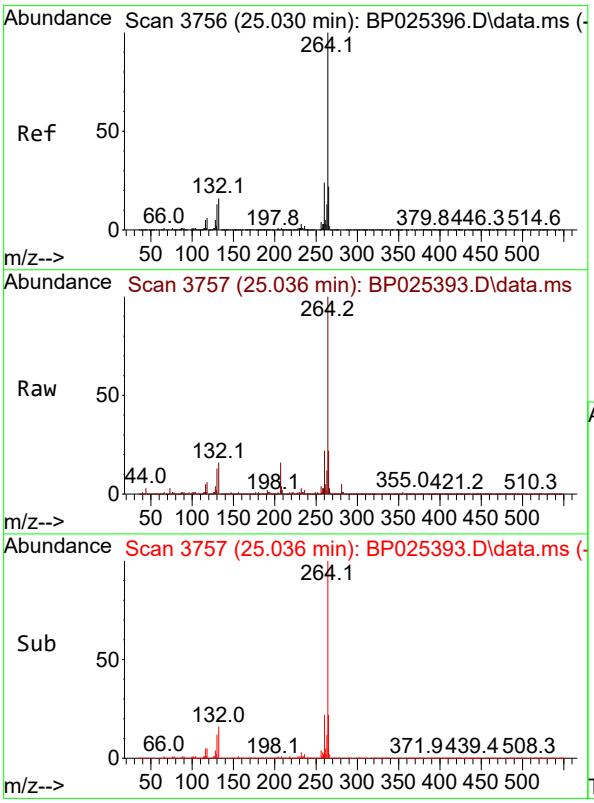
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

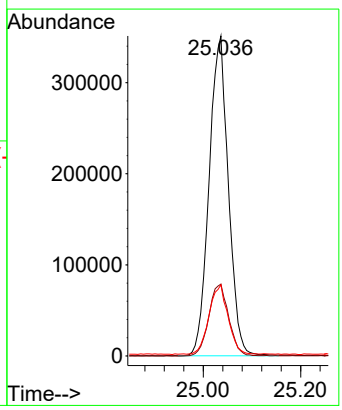


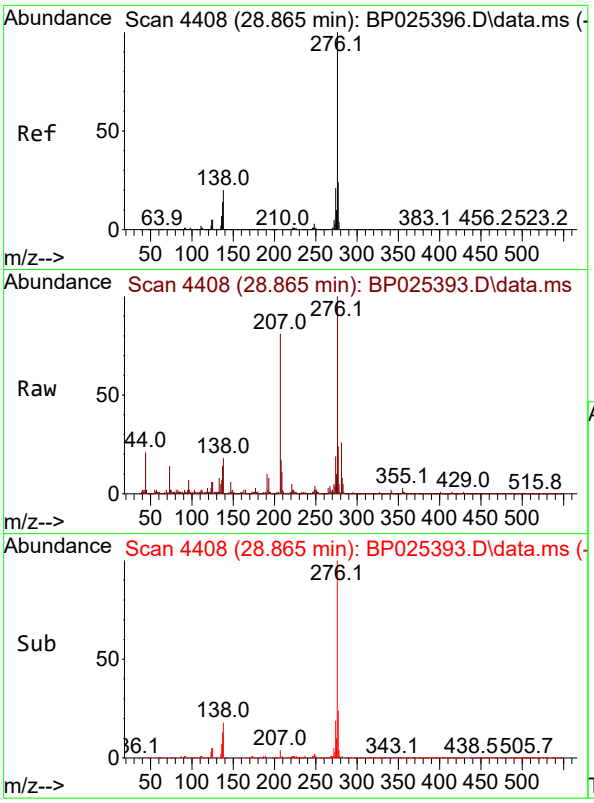


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:264 Resp: 963881

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.3	28.9
265	22.3	17.4	26.0

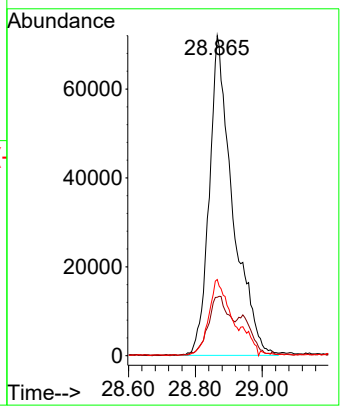




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.956 ng
RT: 28.865 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:276 Resp: 35041

Ion	Ratio	Lower	Upper
276	100		
138	17.1	12.9	19.3
277	20.8	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
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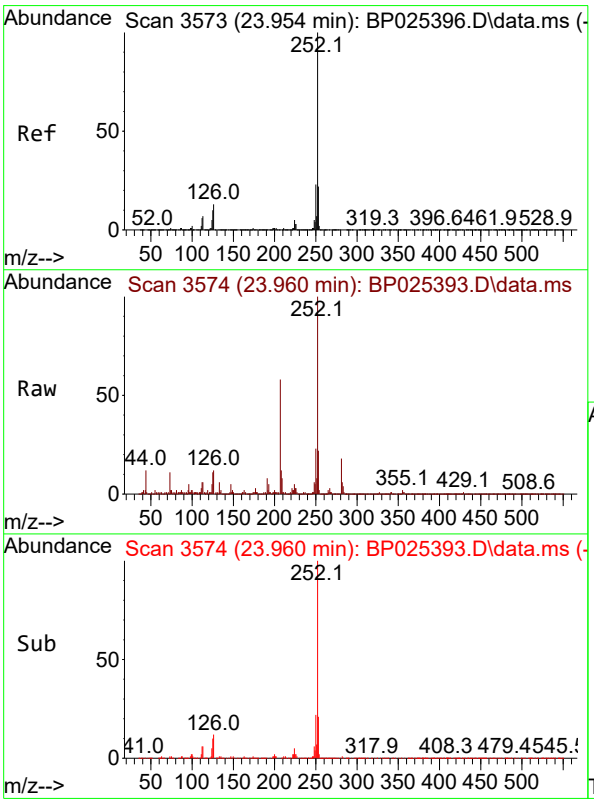
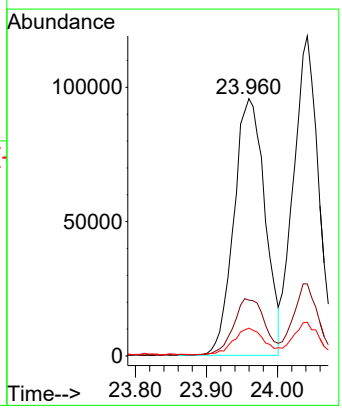
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

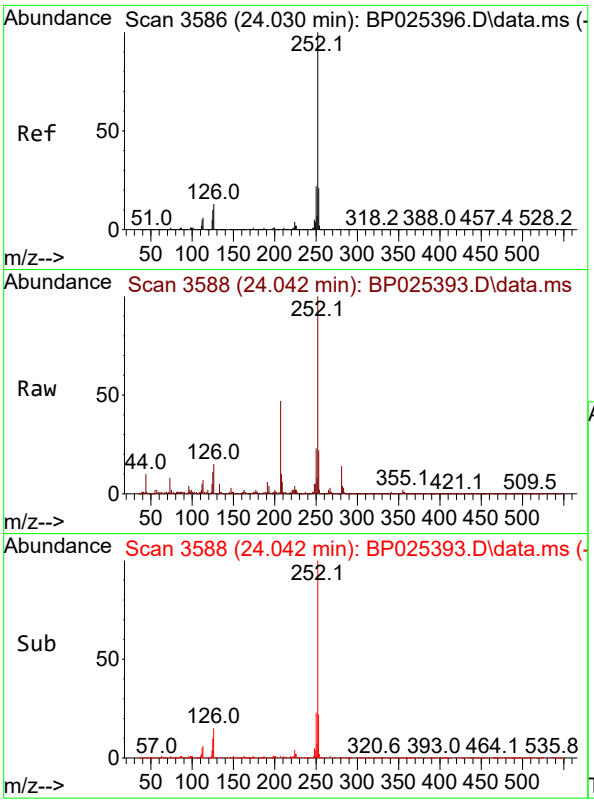


#88
Benzo(b)fluoranthene
Concen: 5.099 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 289797

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.8	7.9	11.9

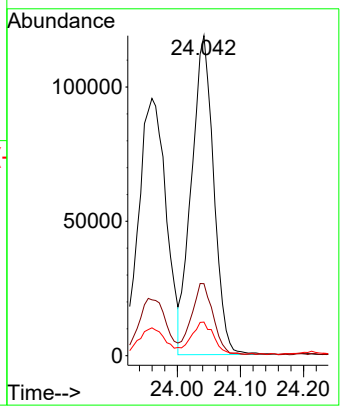




#89
Benzo(k)fluoranthene
Concen: 5.091 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 28955

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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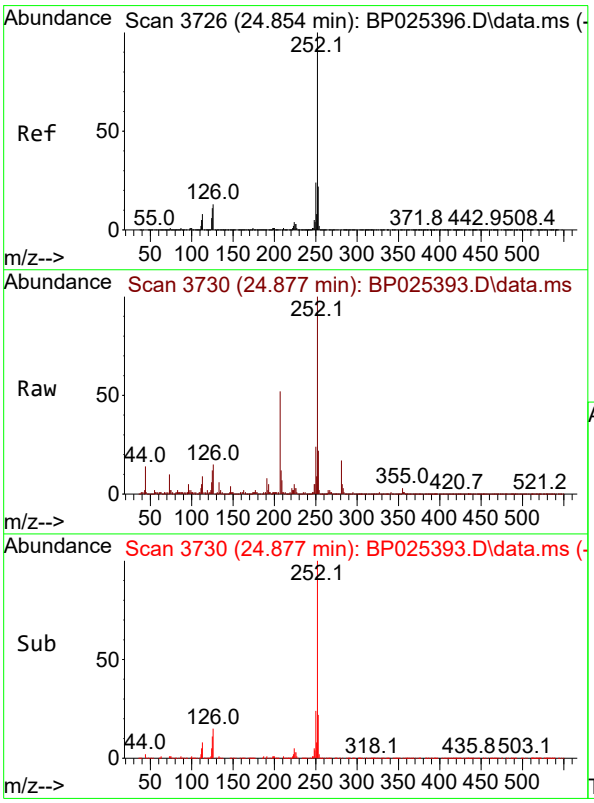
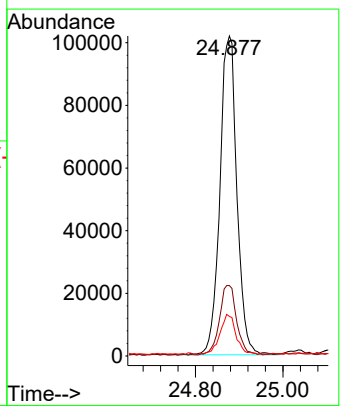
Supervised By :Jagrut Upadhyay 08/15/2025

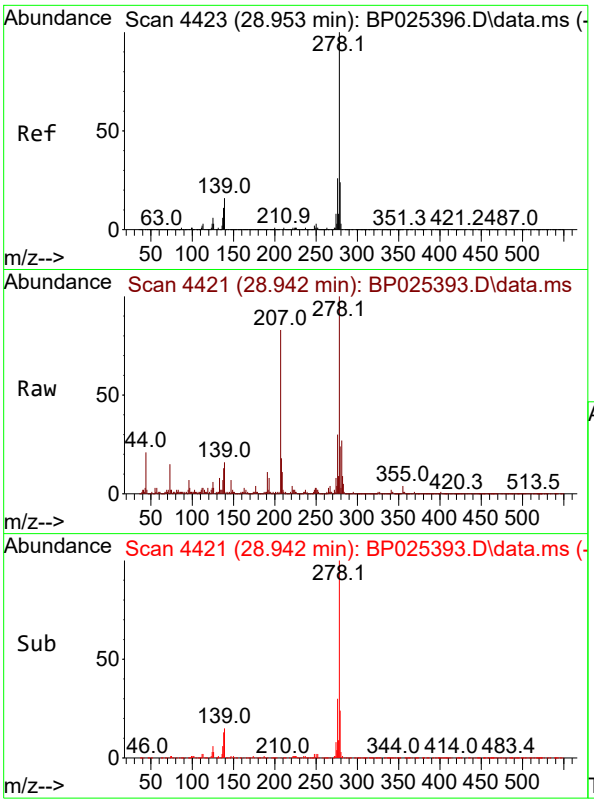


#90
Benzo(a)pyrene
Concen: 4.960 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 274440

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.4	8.7	13.1

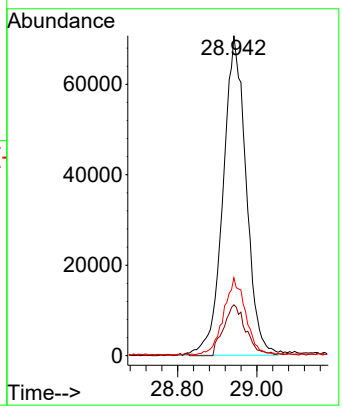




#91
Dibenzo(a,h)anthracene
Concen: 4.924 ng
RT: 28.942 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:278 Resp: 28444

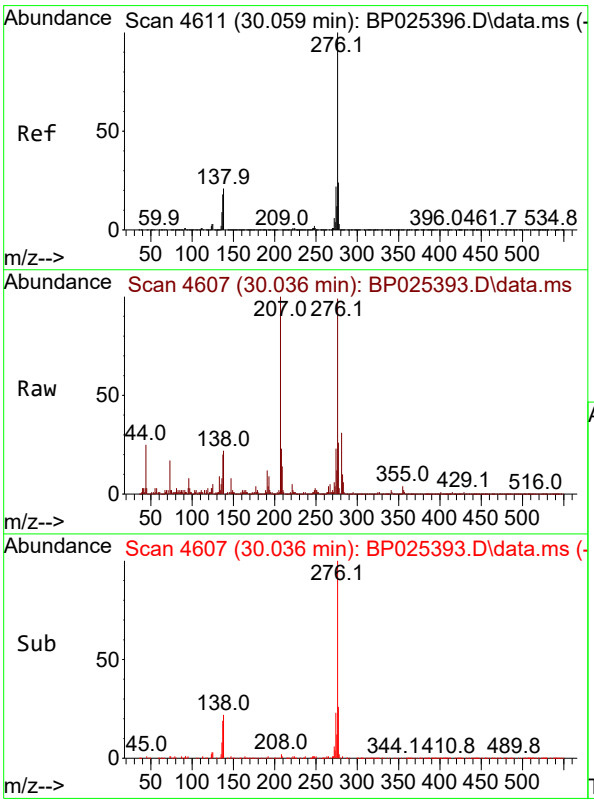
Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.0	19.4
279	24.3	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

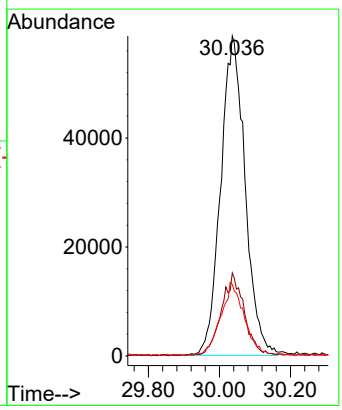
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 4.931 ng
RT: 30.036 min Scan# 4607
Delta R.T. -0.023 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:276 Resp: 279987

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.0
138	22.4	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	137852	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	563995	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	383199	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	780940	20.000	ng		0.00
76) Chrysene-d12	21.648	240	860386	20.000	ng		0.00
86) Perylene-d12	25.036	264	980670	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	162289	19.551	ng		0.00
7) Phenol-d6	6.966	99	202204	19.000	ng		0.00
23) Nitrobenzene-d5	8.931	82	212236	19.036	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	99083	19.210	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	568359	20.271	ng		0.00
79) Terphenyl-d14	19.924	244	946422	20.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	31948	9.826	ng		98
3) Pyridine	3.731	79	86156	9.681	ng		100
4) n-Nitrosodimethylamine	3.637	42	35519	9.681	ng	#	99
6) Aniline	7.125	93	135217	9.430	ng		99
8) 2-Chlorophenol	7.366	128	88413	9.439	ng		98
9) Benzaldehyde	6.943	77	68064m	9.129	ng		
10) Phenol	6.996	94	105394	9.438	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	81541	9.368	ng		98
12) 1,3-Dichlorobenzene	7.684	146	98782	9.564	ng		98
13) 1,4-Dichlorobenzene	7.825	146	102729	9.731	ng		98
14) 1,2-Dichlorobenzene	8.143	146	98589	9.647	ng		98
15) Benzyl Alcohol	8.025	79	78411	9.273	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	109744	9.412	ng		99
17) 2-Methylphenol	8.231	107	70991	9.153	ng		98
18) Hexachloroethane	8.866	117	37473	9.654	ng		98
19) n-Nitroso-di-n-propyla...	8.584	70	66105	9.366	ng		99
20) 3+4-Methylphenols	8.549	107	99382	9.244	ng		97
22) Acetophenone	8.602	105	137361	9.712	ng	#	98
24) Nitrobenzene	8.972	77	96502	9.685	ng		97
25) Isophorone	9.502	82	189510	9.604	ng		99
26) 2-Nitrophenol	9.678	139	45860	8.968	ng		96
27) 2,4-Dimethylphenol	9.737	122	85465	9.718	ng		98
28) bis(2-Chloroethoxy)met...	9.972	93	114635	9.611	ng		99
29) 2,4-Dichlorophenol	10.213	162	82676	9.464	ng		97
30) 1,2,4-Trichlorobenzene	10.431	180	92664	9.676	ng		94
31) Naphthalene	10.613	128	287754	9.816	ng		99
32) Benzoic acid	9.825	122	53034m	8.188	ng		
33) 4-Chloroaniline	10.713	127	122647	9.472	ng		98
34) Hexachlorobutadiene	10.901	225	57821	9.695	ng		97
35) Caprolactam	11.472	113	32038	10.001	ng		93
36) 4-Chloro-3-methylphenol	11.837	107	94538	9.431	ng		97
37) 2-Methylnaphthalene	12.219	142	184172	9.654	ng		100
38) 1-Methylnaphthalene	12.437	142	199160	9.817	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	107104	9.678	ng		99
41) Hexachlorocyclopentadiene	12.572	237	52588	7.867	ng		97
43) 2,4,6-Trichlorophenol	12.831	196	69780	9.339	ng		97

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	73744	9.006	ng	98
46) 1,1'-Biphenyl	13.237	154	271710	9.763	ng	98
47) 2-Chloronaphthalene	13.272	162	209419	9.666	ng	99
48) 2-Nitroaniline	13.466	65	58630	9.287	ng	97
49) Acenaphthylene	14.119	152	346021	9.652	ng	99
50) Dimethylphthalate	13.860	163	277701	9.896	ng	99
51) 2,6-Dinitrotoluene	13.972	165	54957	9.292	ng	96
52) Acenaphthene	14.472	154	207239m	9.848	ng	
53) 3-Nitroaniline	14.301	138	62991	9.466	ng	93
54) 2,4-Dinitrophenol	14.513	184	21748	6.886	ng	99
55) Dibenzofuran	14.807	168	327734	9.851	ng	100
56) 4-Nitrophenol	14.625	139	48103	8.797	ng	97
57) 2,4-Dinitrotoluene	14.766	165	77950	9.237	ng	100
58) Fluorene	15.472	166	266610	10.156	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.042	232	68931	9.533	ng	99
60) Diethylphthalate	15.242	149	282526	9.909	ng	98
61) 4-Chlorophenyl-phenyle...	15.466	204	131137	10.044	ng	99
62) 4-Nitroaniline	15.478	138	64375	9.437	ng	99
63) Azobenzene	15.766	77	234879	9.620	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	37380	7.679	ng	97
66) n-Nitrosodiphenylamine	15.684	169	235344	9.883	ng	100
67) 4-Bromophenyl-phenylether	16.384	248	80373	9.358	ng	98
68) Hexachlorobenzene	16.501	284	98614	9.905	ng	96
69) Atrazine	16.660	200	88240	9.894	ng	98
70) Pentachlorophenol	16.854	266	52539	8.360	ng	97
71) Phenanthrene	17.248	178	429752	10.018	ng	99
72) Anthracene	17.348	178	438953	10.020	ng	100
73) Carbazole	17.619	167	410726	9.954	ng	99
74) Di-n-butylphthalate	18.219	149	490232	9.656	ng	99
75) Fluoranthene	19.330	202	516523	10.094	ng	99
77) Benzidine	19.525	184	276193	9.406	ng	99
78) Pyrene	19.707	202	542670	9.704	ng	100
80) Butylbenzylphthalate	20.660	149	239416	9.446	ng	98
81) Benzo(a)anthracene	21.624	228	560279	9.874	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	207153	9.686	ng	99
83) Chrysene	21.701	228	522411	9.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	355530	9.529	ng	99
85) Di-n-octyl phthalate	22.877	149	594195	9.259	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	678980m	9.438	ng	
88) Benzo(b)fluoranthene	23.954	252	552191	9.549	ng	99
89) Benzo(k)fluoranthene	24.018	252	567080	9.800	ng	98
90) Benzo(a)pyrene	24.854	252	535820	9.519	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	551694	9.387	ng	99
92) Benzo(g,h,i)perylene	30.047	276	548117	9.489	ng	99

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

ICAL Form

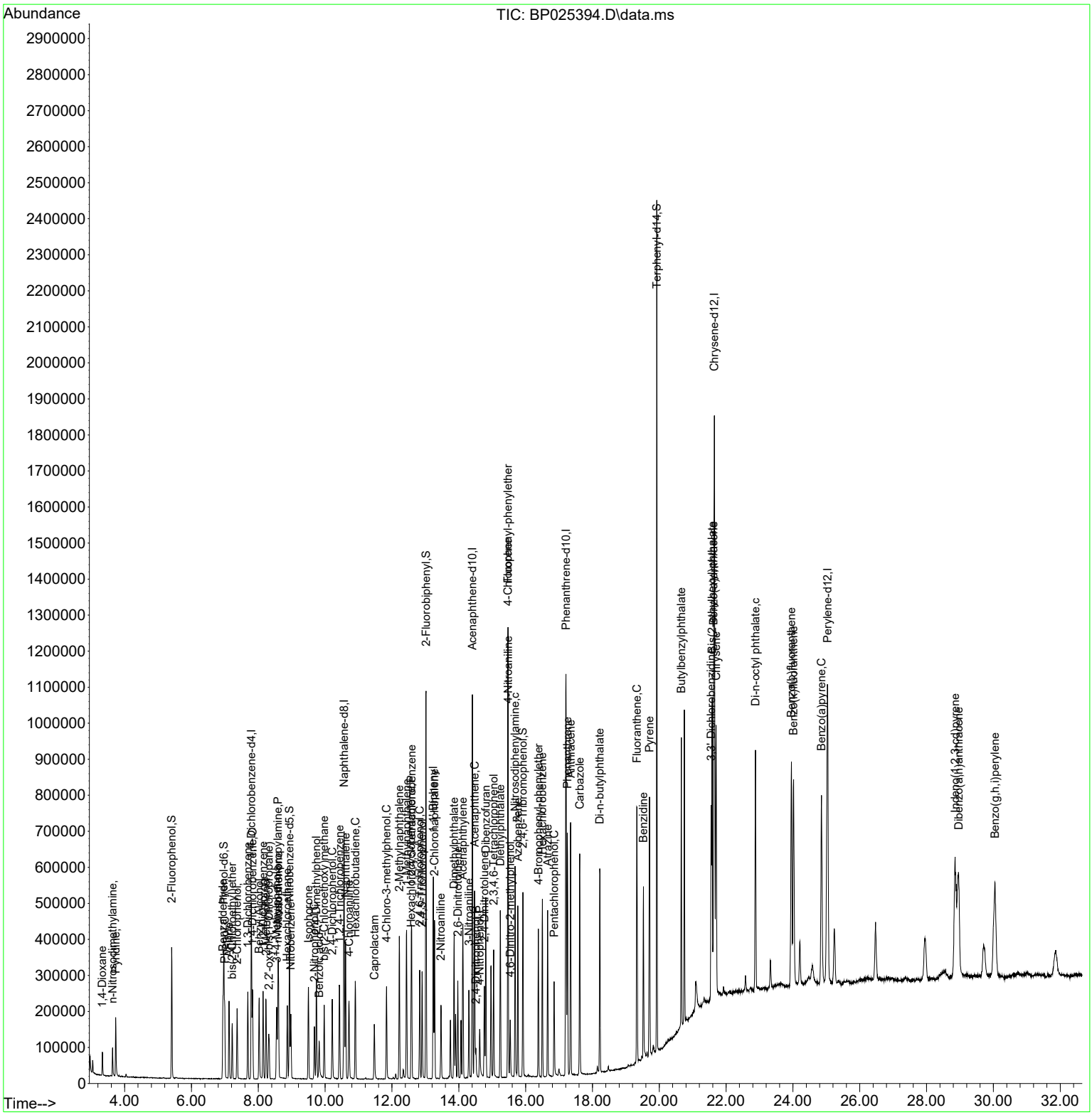
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

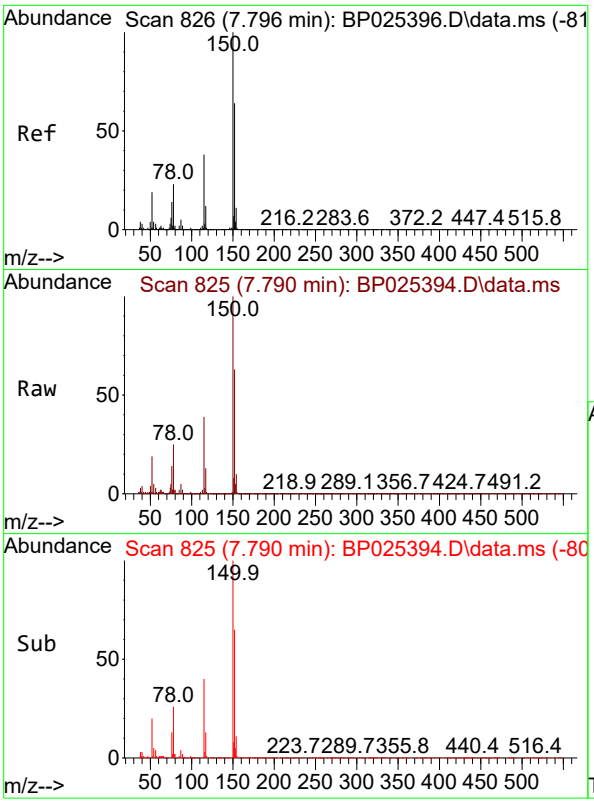
Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

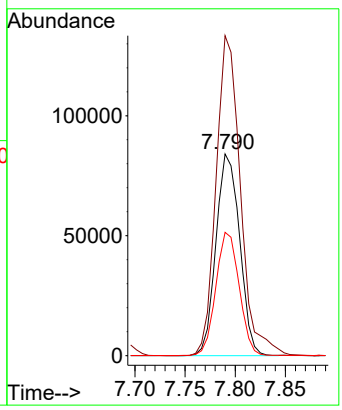




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:152 Resp: 13785

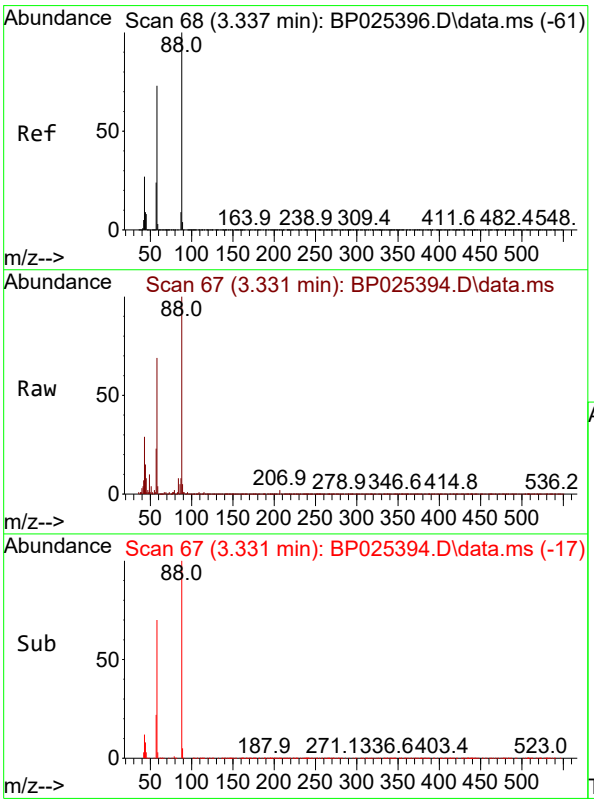
Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.9	188.9
115	61.1	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

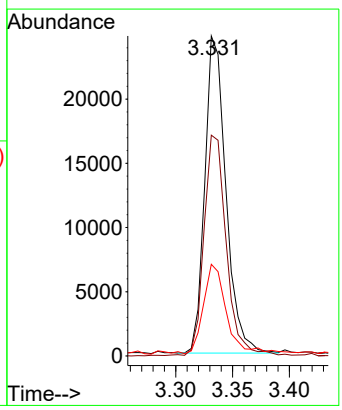
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

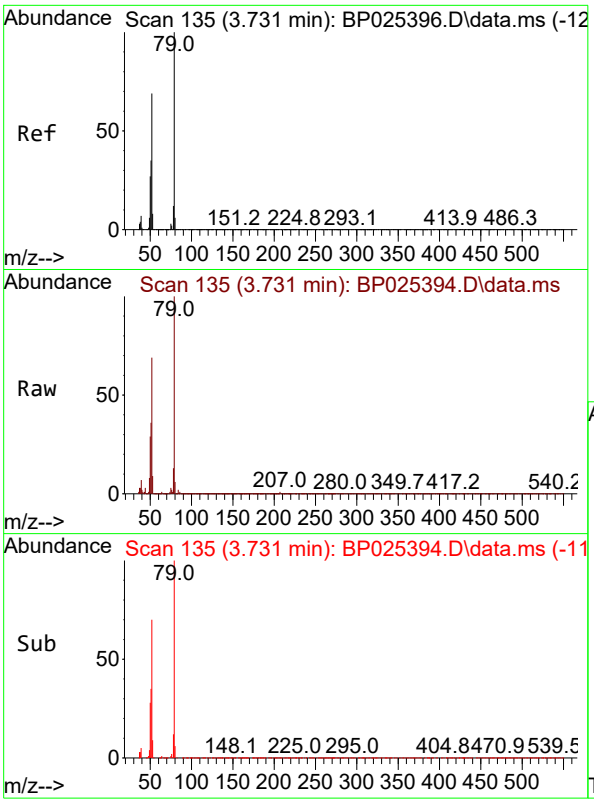


#2
1,4-Dioxane
Concen: 9.826 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 88 Resp: 31948

Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.2	88.8
43	30.8	21.7	32.5

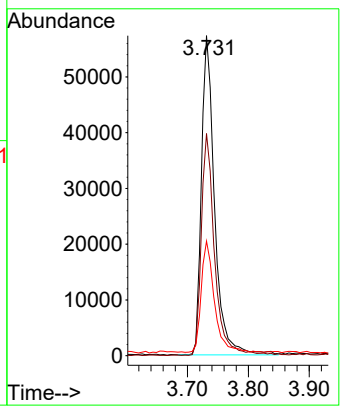




#3
Pyridine
Concen: 9.681 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 79 Resp: 8615

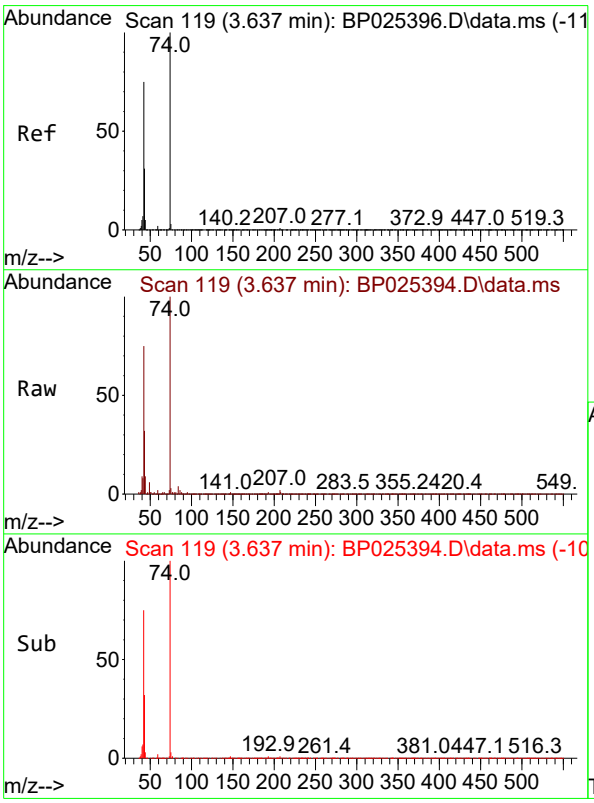
Ion	Ratio	Lower	Upper
79	100		
52	69.4	55.5	83.3
51	35.8	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

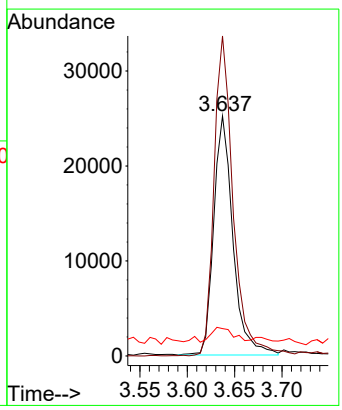
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

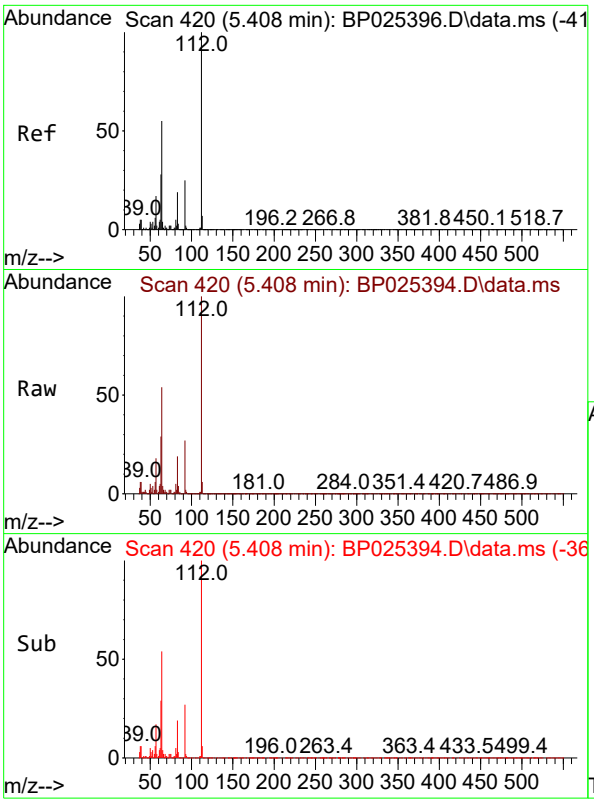


#4
n-Nitrosodimethylamine
Concen: 9.681 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 42 Resp: 35519

Ion	Ratio	Lower	Upper
42	100		
74	133.3	107.0	160.4
44	11.4	6.2	9.4#

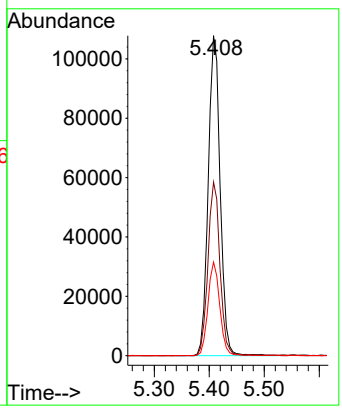




#5
2-Fluorophenol
Concen: 19.551 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:112 Resp: 16228

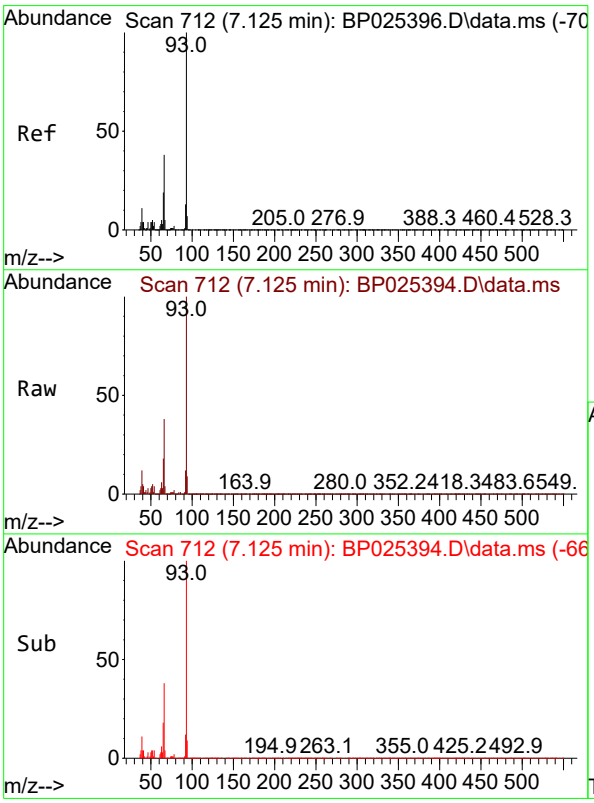
Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.8	65.8
63	29.3	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

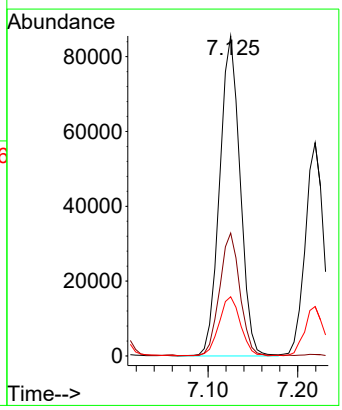
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

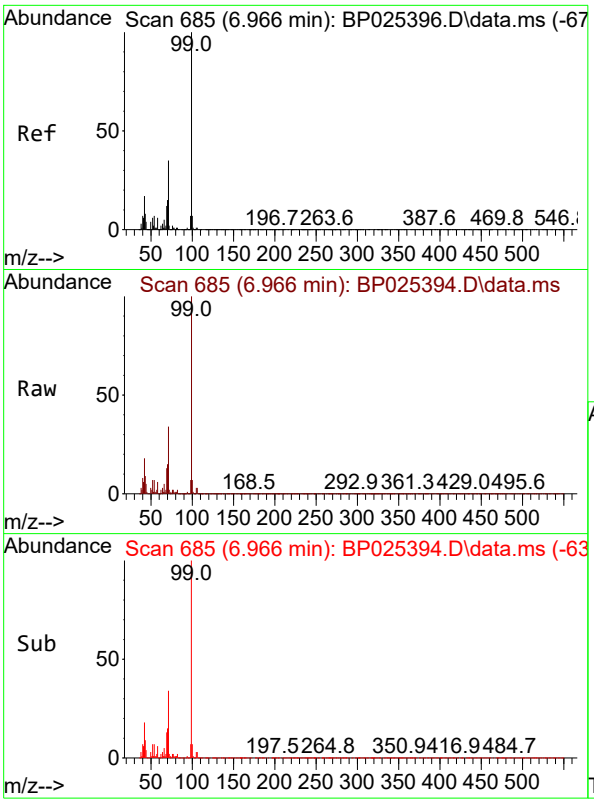


#6
Aniline
Concen: 9.430 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 135217

Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.4	45.6
65	18.5	15.3	22.9

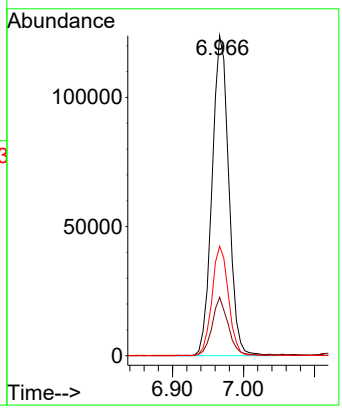




#7
Phenol-d6
Concen: 19.000 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 99 Resp: 20220

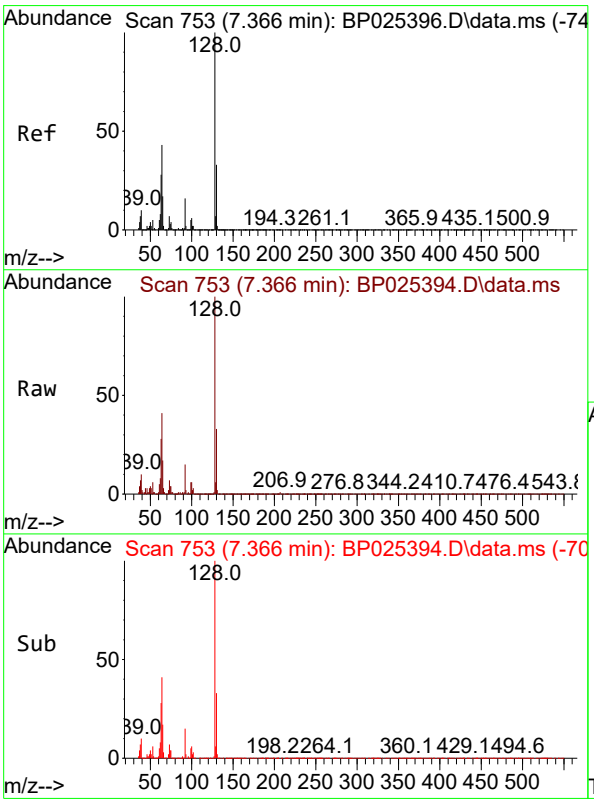
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	34.2	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

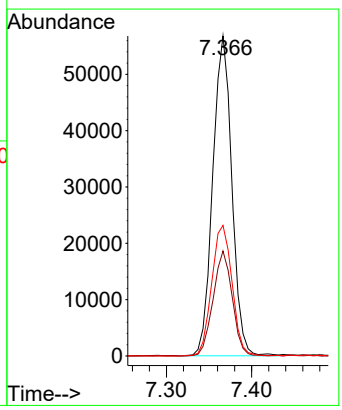
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

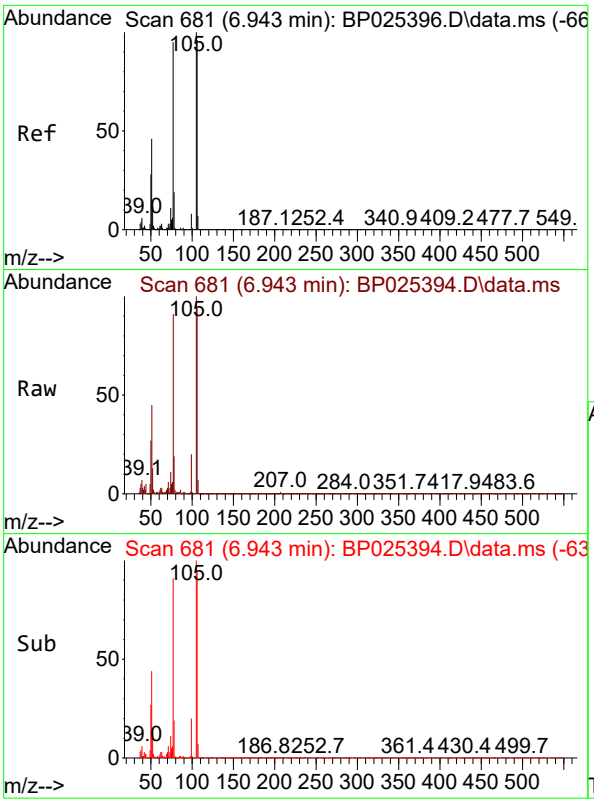


#8
2-Chlorophenol
Concen: 9.439 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:128 Resp: 88413

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	40.8	23.4	63.4

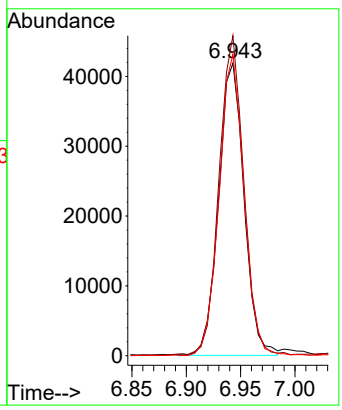




#9
Benzaldehyde
Concen: 9.129 ng m
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 6806

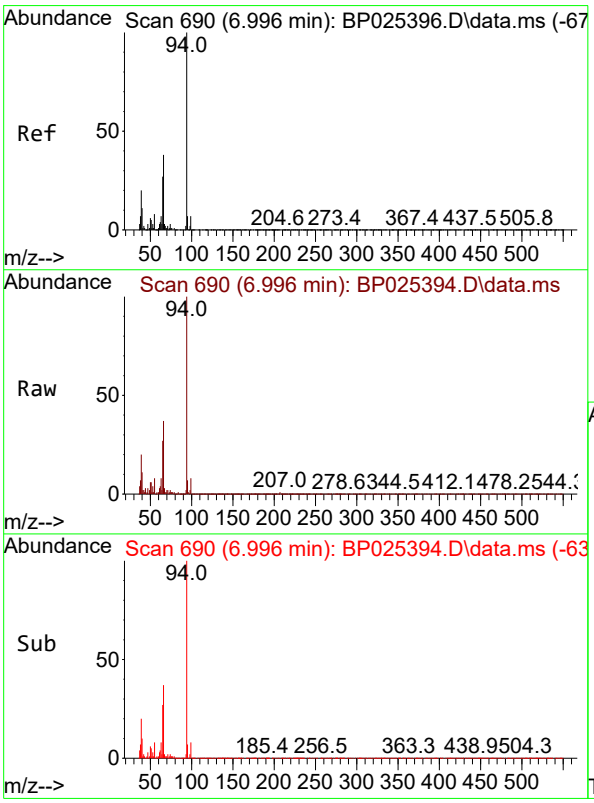
Ion	Ratio	Lower	Upper
77	100		
105	109.4	84.8	124.8
106	103.0	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

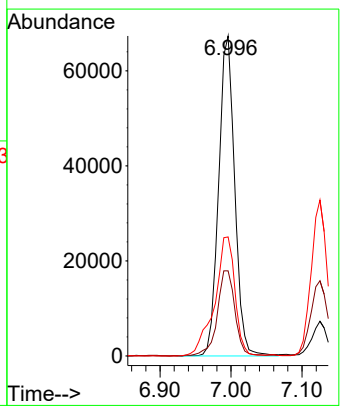
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

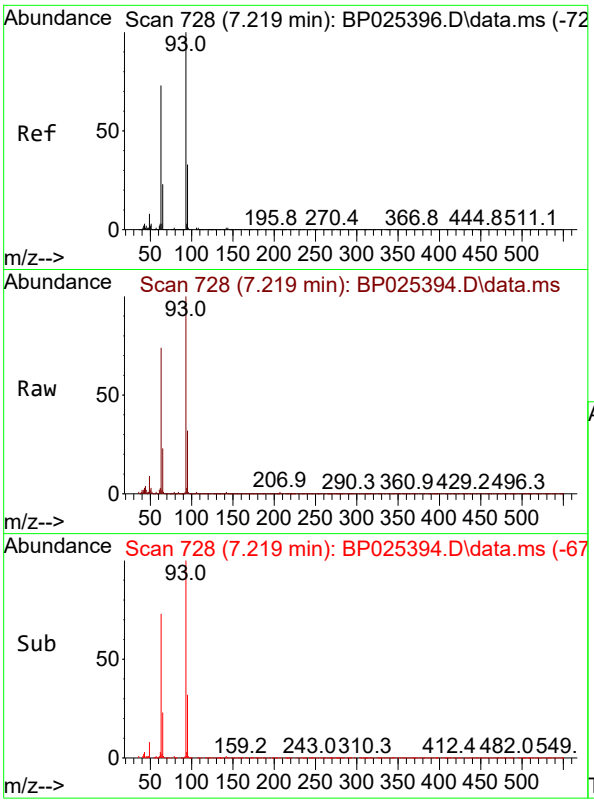


#10
Phenol
Concen: 9.438 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 94 Resp: 105394

Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.8	46.8
66	37.2	18.2	58.2

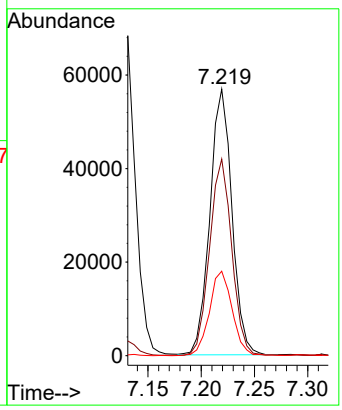




#11
bis(2-Chloroethyl)ether
Concen: 9.368 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 8154

Ion	Ratio	Lower	Upper
93	100		
63	73.7	52.6	92.6
95	31.7	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
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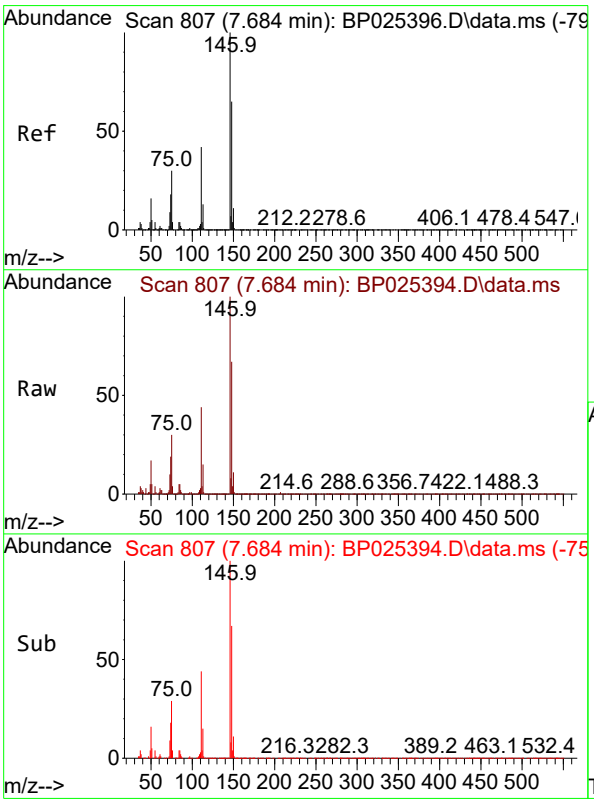
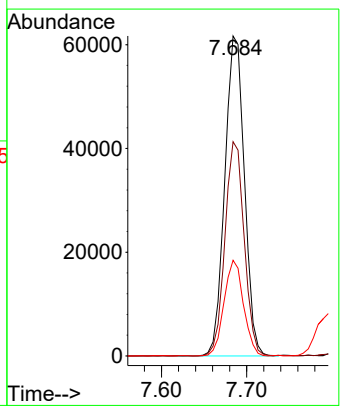
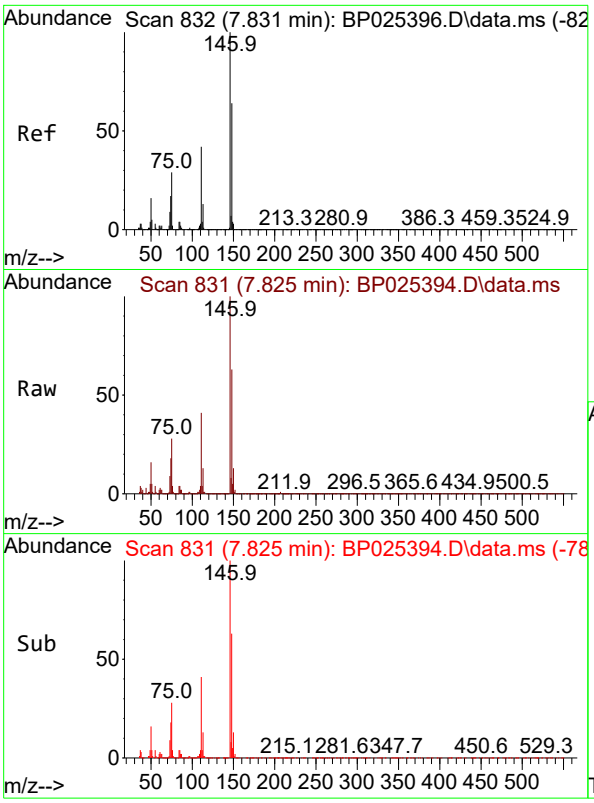


#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:146 Resp: 98782

Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.9	77.9
75	29.9	23.7	35.5

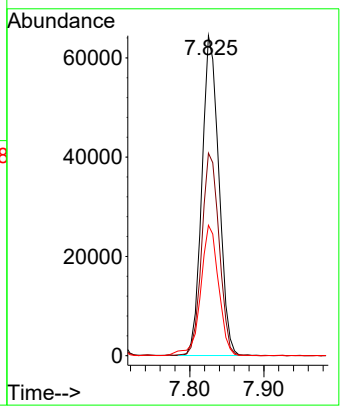




#13
1,4-Dichlorobenzene
Concen: 9.731 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:146 Resp: 10272

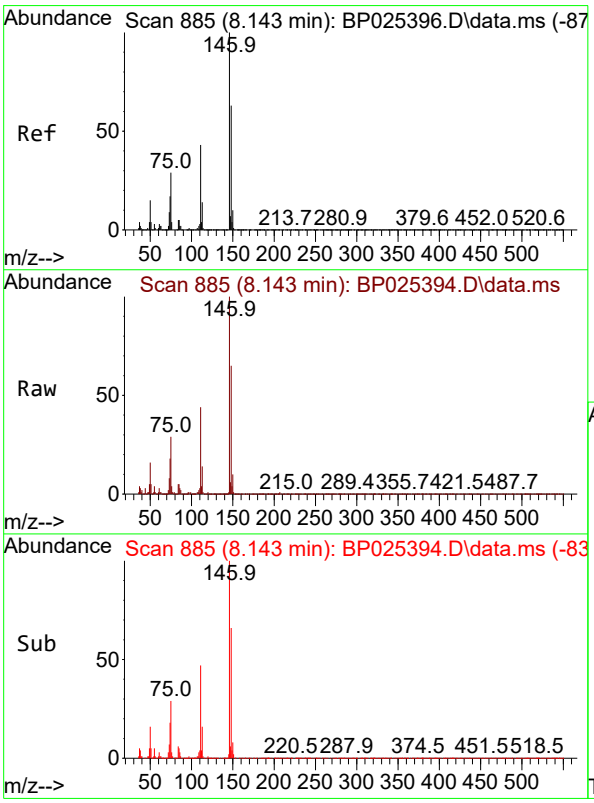
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	40.8	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

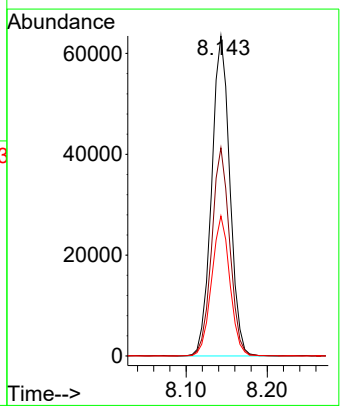
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

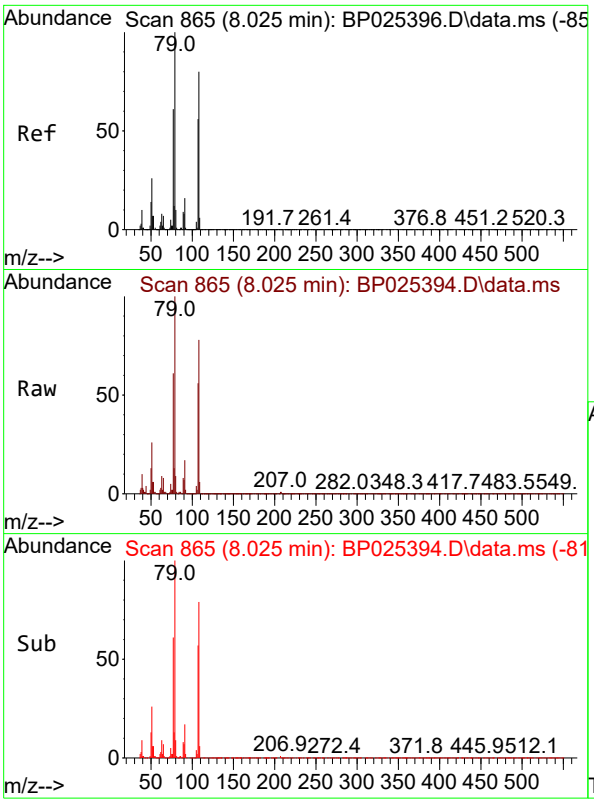


#14
1,2-Dichlorobenzene
Concen: 9.647 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:146 Resp: 98589

Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	43.7	34.5	51.7

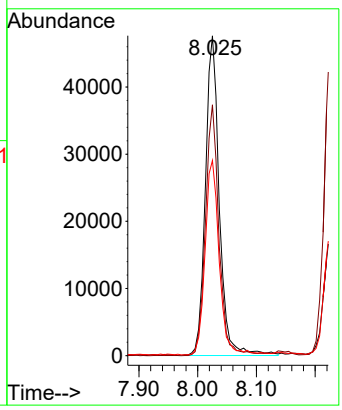




#15
Benzyl Alcohol
Concen: 9.273 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 79 Resp: 7841

Ion	Ratio	Lower	Upper
79	100		
108	78.4	63.8	95.6
77	61.0	49.0	73.4



Instrument :
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ClientSampleId :
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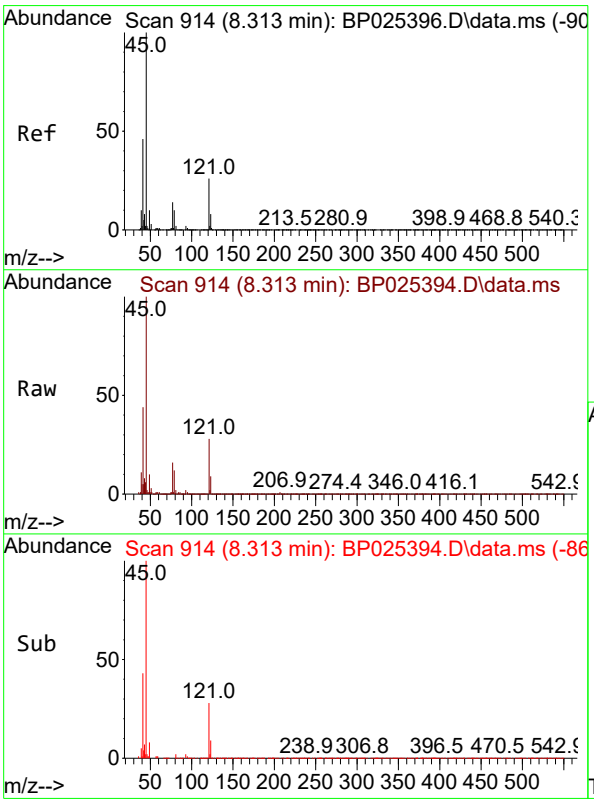
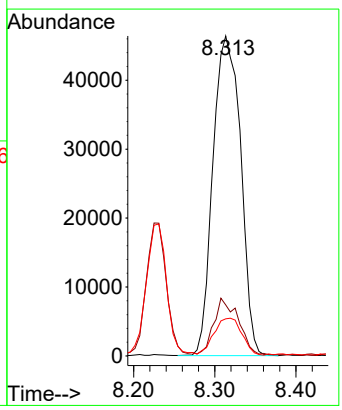
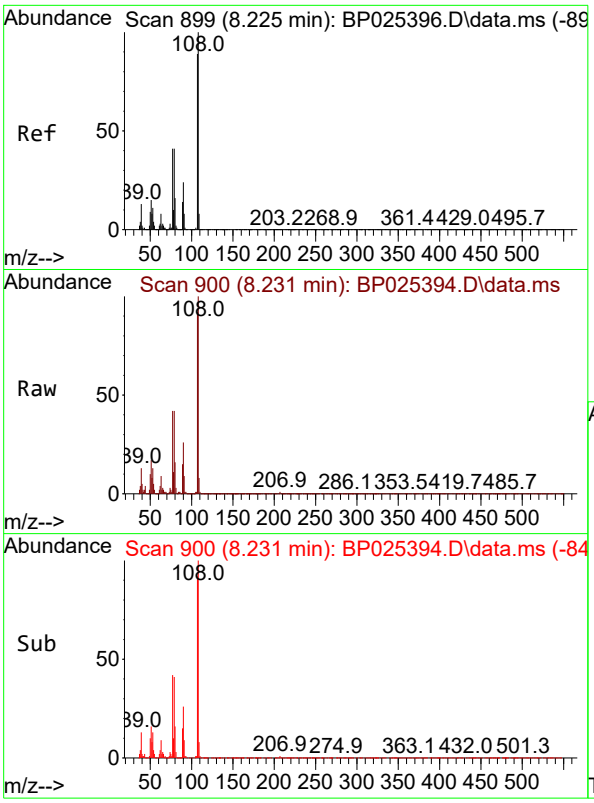


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.412 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 45 Resp: 109744

Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	35.3
79	11.6	0.0	31.8

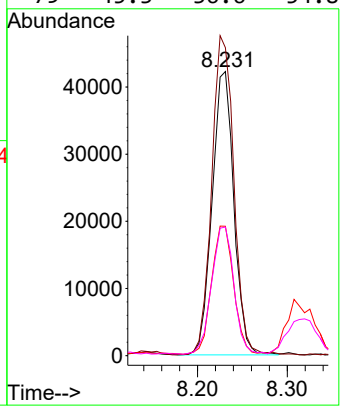




#17
2-Methylphenol
Concen: 9.153 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 7099

Ion	Ratio	Lower	Upper
107	100		
108	108.4	89.4	134.0
77	45.5	36.3	54.5
79	45.3	36.6	54.8



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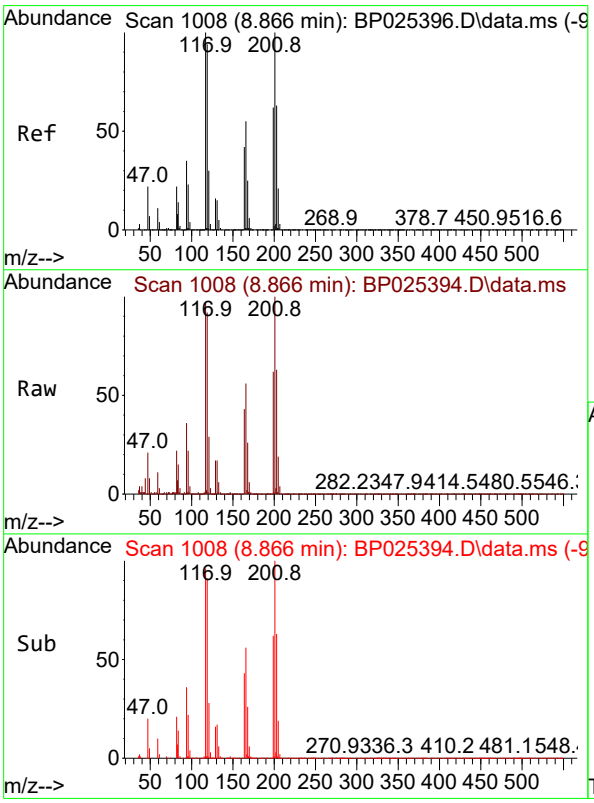
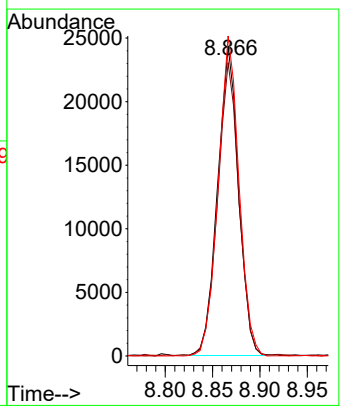
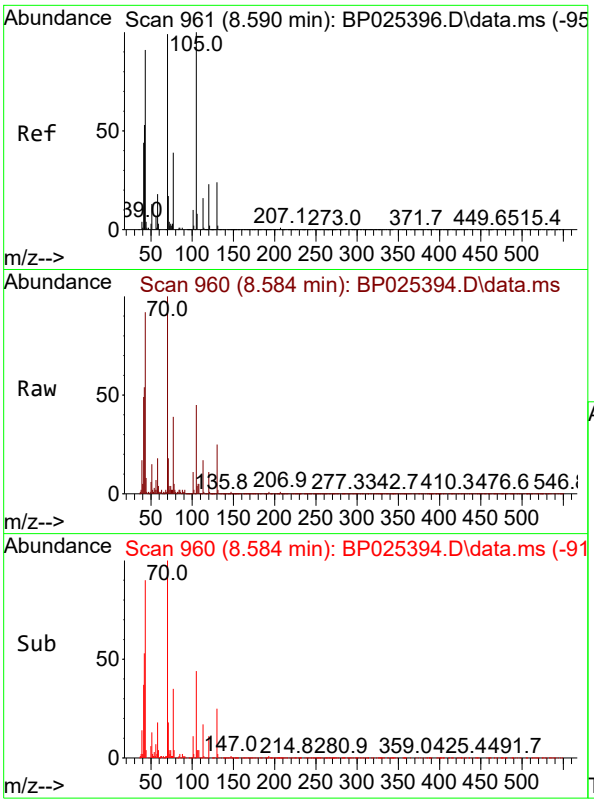


#18
Hexachloroethane
Concen: 9.654 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:117 Resp: 37473

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.1	112.7
201	103.5	80.1	120.1

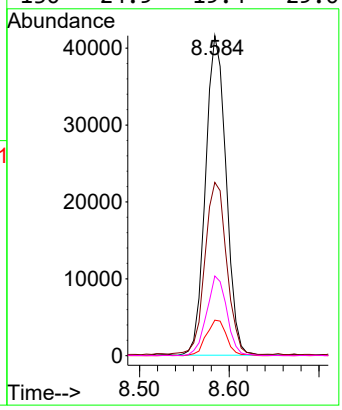




#19
n-Nitroso-di-n-propylamine
Concen: 9.366 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 70 Resp: 6610

Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.8	65.6
101	11.1	8.5	12.7
130	24.9	19.4	29.0



Instrument :
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ClientSampleId :
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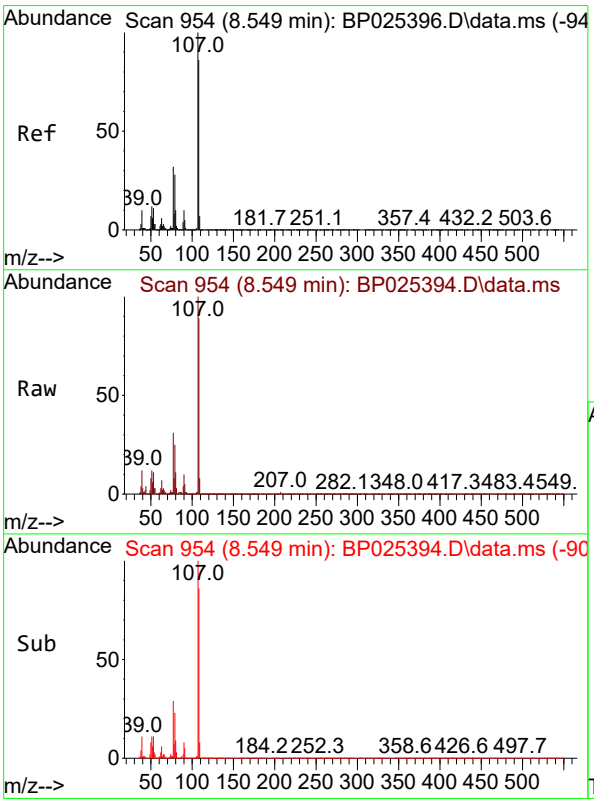
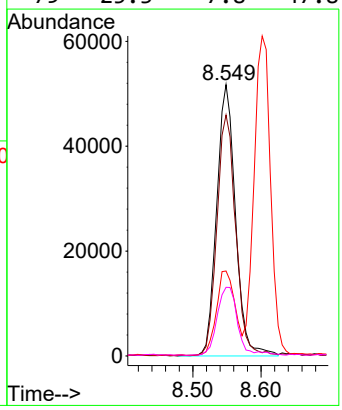
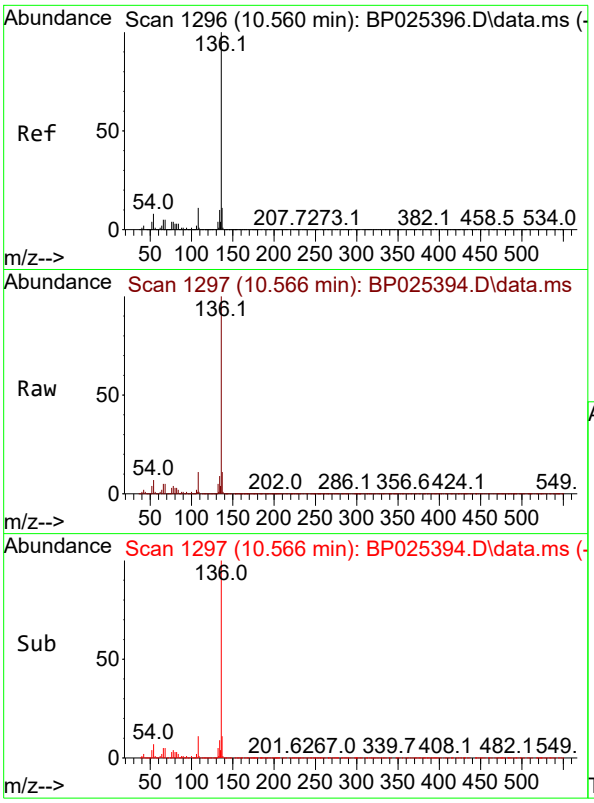


#20
3+4-Methylphenols
Concen: 9.244 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 99382

Ion	Ratio	Lower	Upper
107	100		
108	88.8	66.3	106.3
77	31.3	12.3	52.3
79	25.3	7.8	47.8

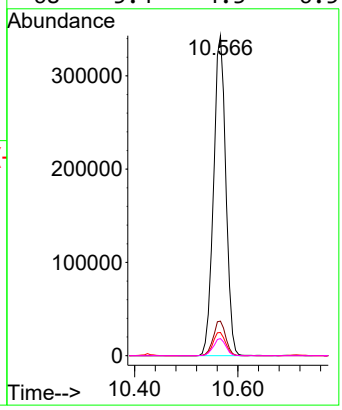




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:136 Resp: 56399

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.3	6.0	9.0
68	5.4	4.3	6.5



Instrument :
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ClientSampleId :
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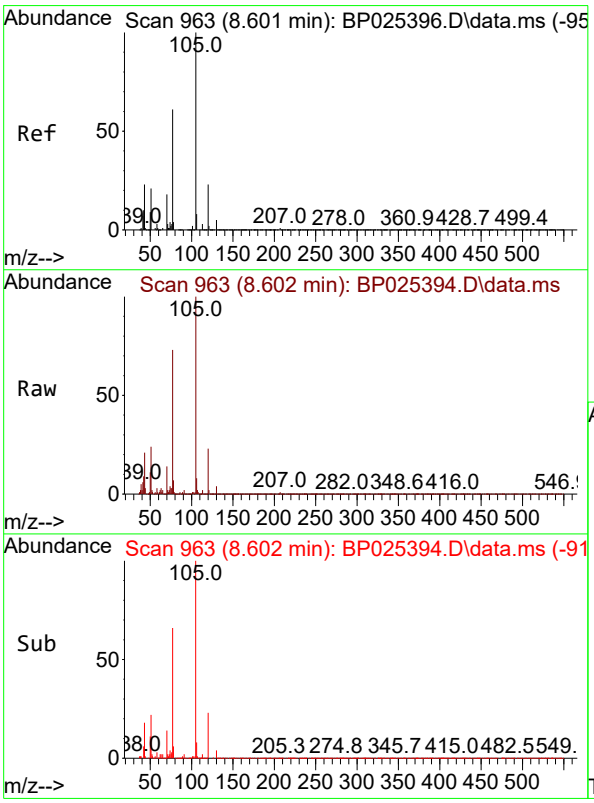
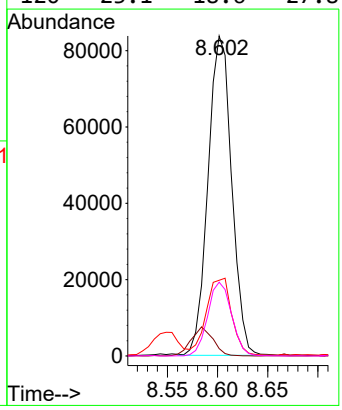
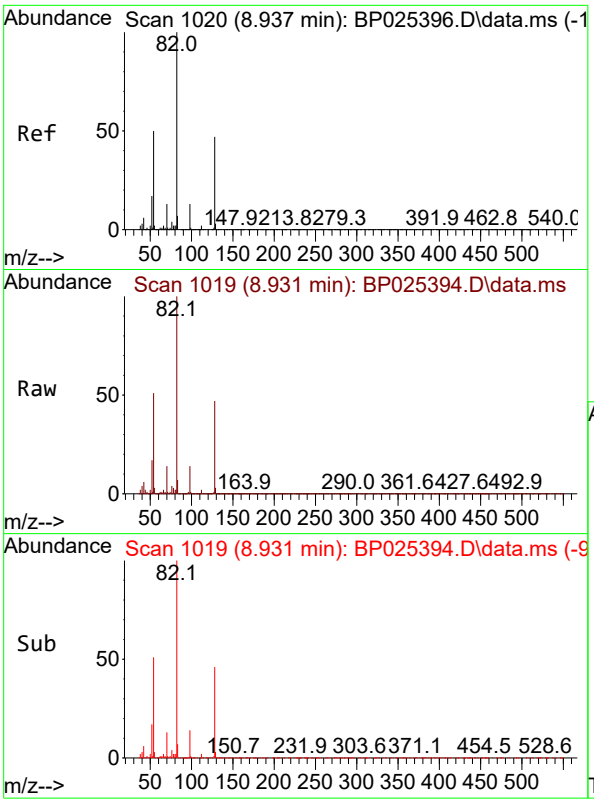


#22
Acetophenone
Concen: 9.712 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:105 Resp: 137361

Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.6	4.0#
51	23.7	20.6	30.8
120	23.1	18.6	27.8

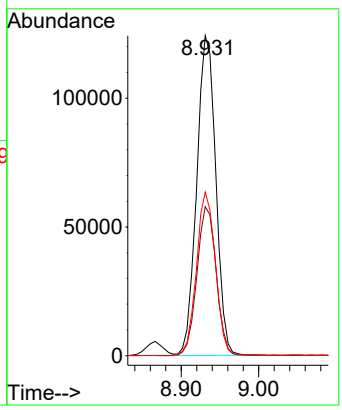




#23
Nitrobenzene-d5
Concen: 19.036 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 82 Resp: 21223

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.7	56.5
54	51.2	39.8	59.6



Instrument :
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ClientSampleId :
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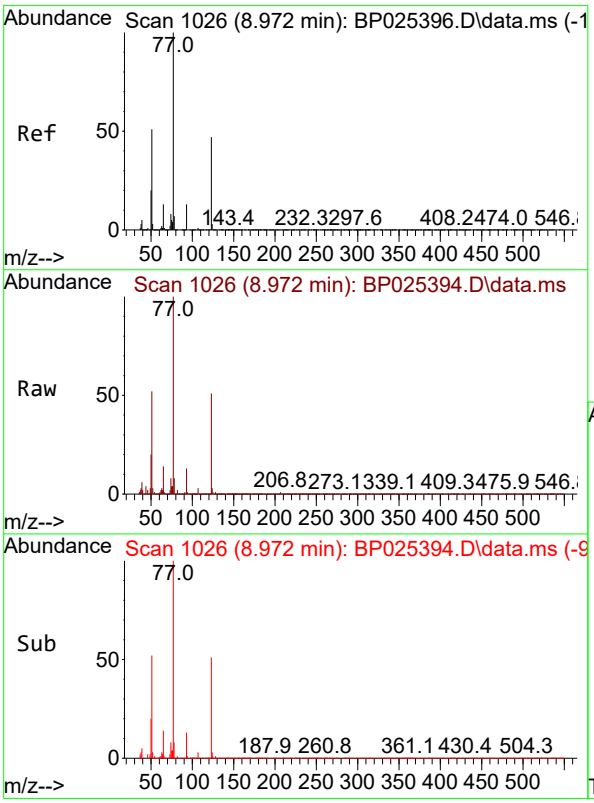
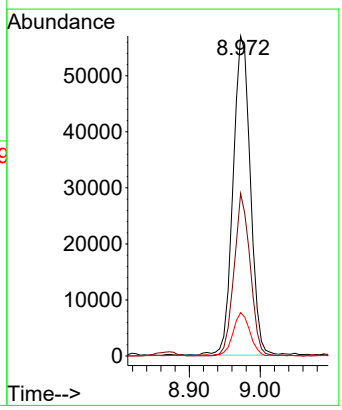
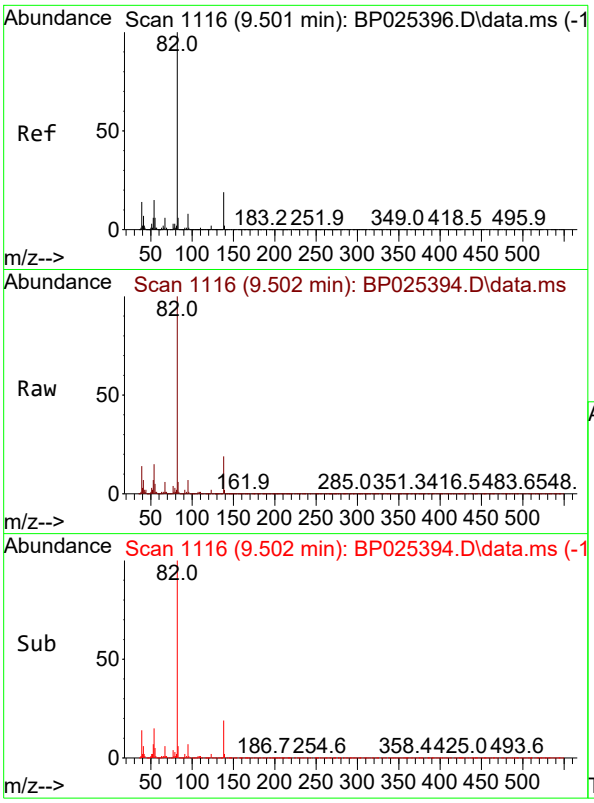


#24
Nitrobenzene
Concen: 9.685 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 96502

Ion	Ratio	Lower	Upper
77	100		
123	50.8	38.6	58.0
65	13.6	10.6	15.8

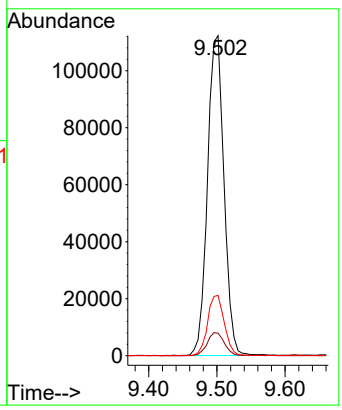




#25
Isophorone
Concen: 9.604 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 82 Resp: 18951

Ion	Ratio	Lower	Upper
82	100		
95	7.0	6.4	9.6
138	18.8	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
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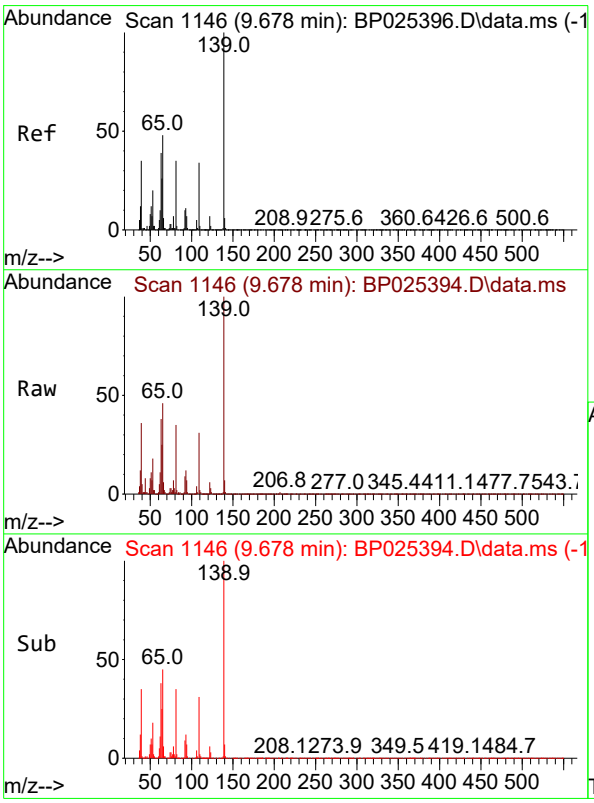
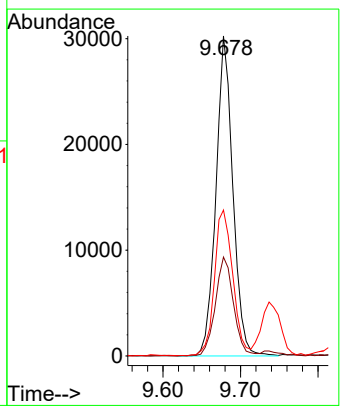
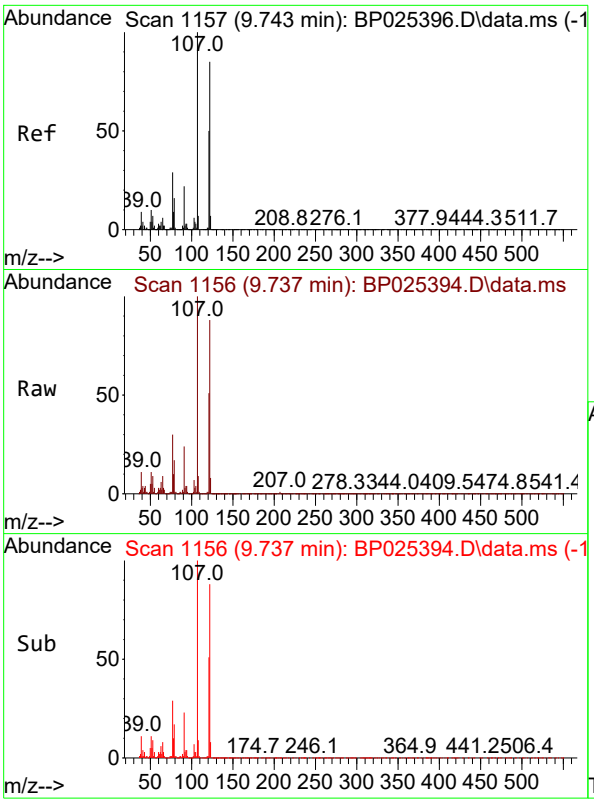


#26
2-Nitrophenol
Concen: 8.968 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:139 Resp: 45860

Ion	Ratio	Lower	Upper
139	100		
109	30.9	26.9	40.3
65	45.6	38.3	57.5

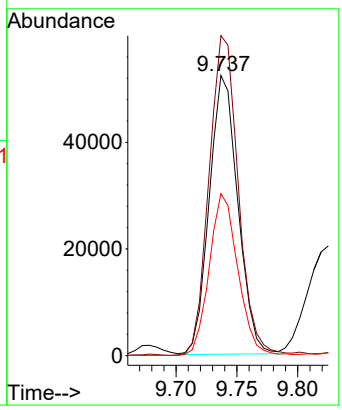




#27
2,4-Dimethylphenol
Concen: 9.718 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:122 Resp: 8546

Ion	Ratio	Lower	Upper
122	100		
107	114.2	93.7	140.5
121	57.8	46.6	69.8



Instrument :
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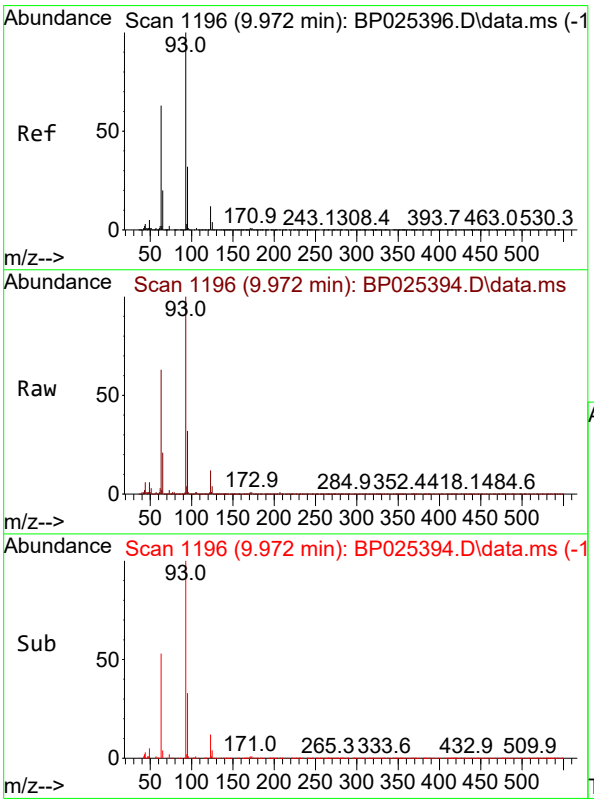
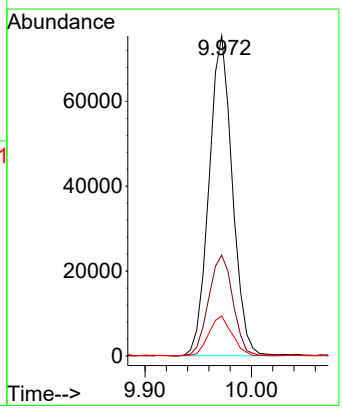
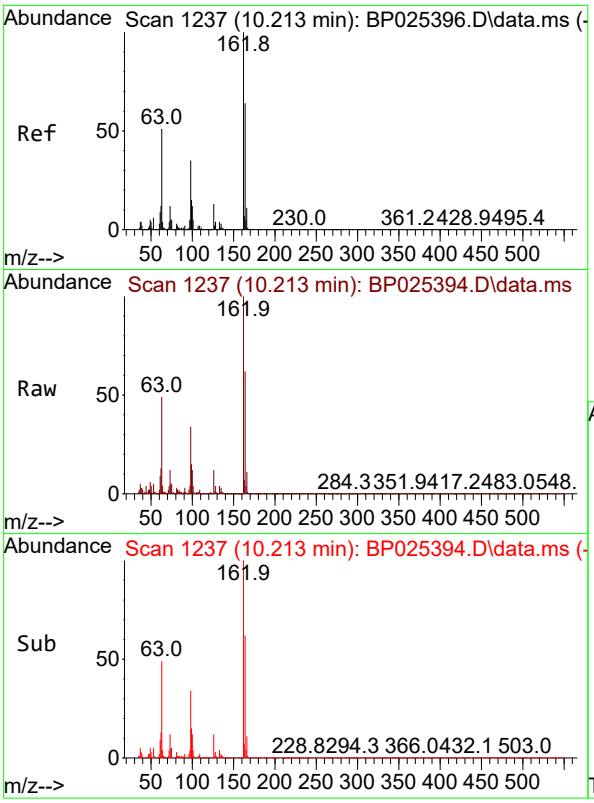


#28
bis(2-Chloroethoxy)methane
Concen: 9.611 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 114635

Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.4	38.0
123	12.5	9.4	14.0

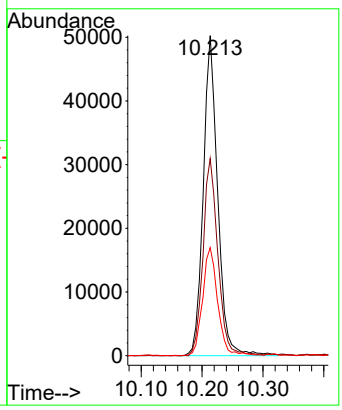




#29
2,4-Dichlorophenol
Concen: 9.464 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:162 Resp: 8267

Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.4	84.4
98	33.8	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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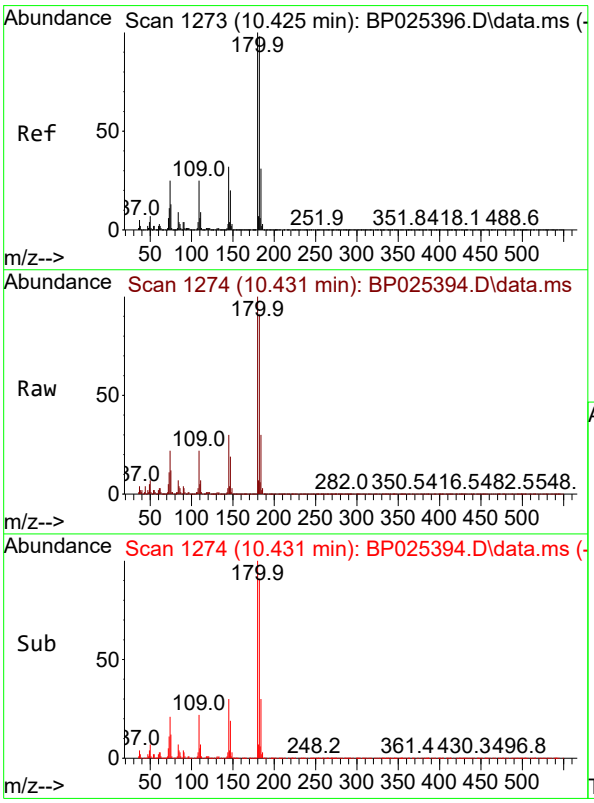
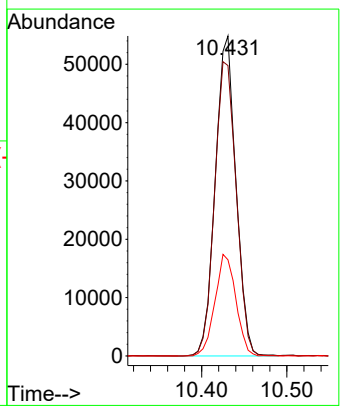
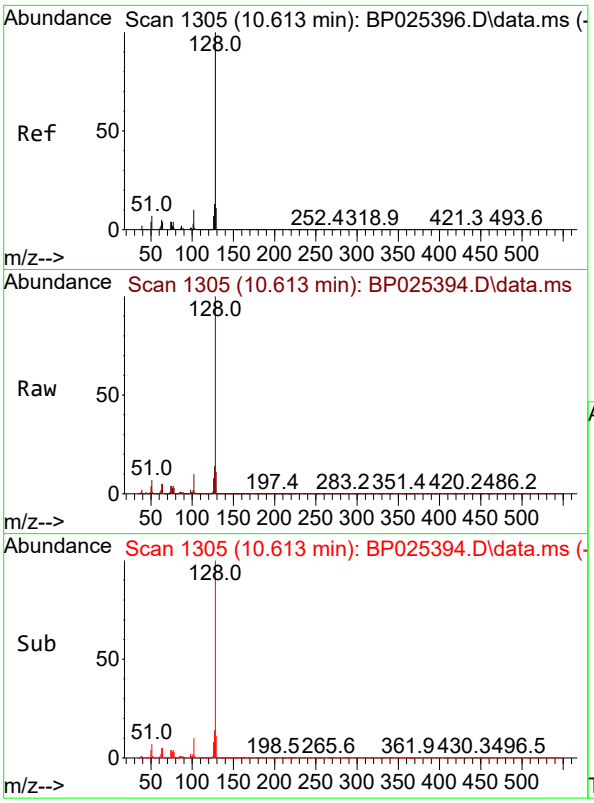


#30
1,2,4-Trichlorobenzene
Concen: 9.676 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:180 Resp: 92664

Ion	Ratio	Lower	Upper
180	100		
182	90.7	78.0	117.0
145	30.1	25.9	38.9

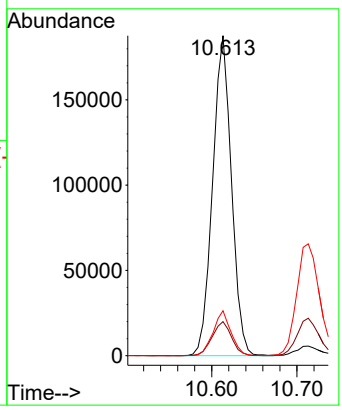




#31
Naphthalene
Concen: 9.816 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:128 Resp: 28775

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	14.0	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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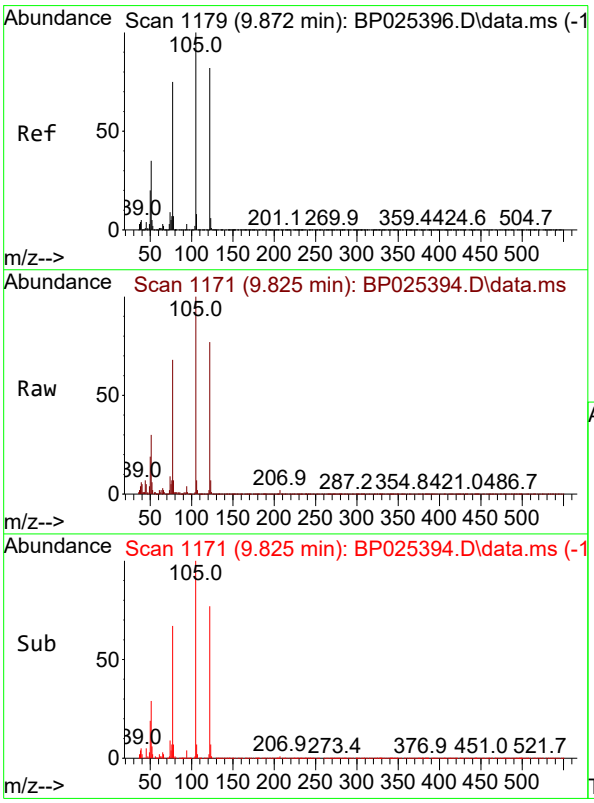
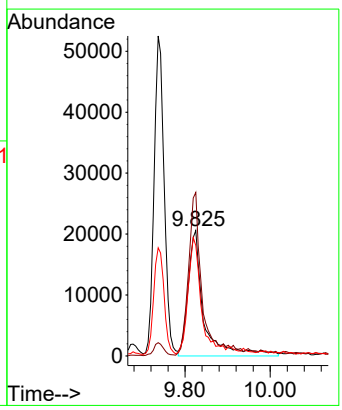
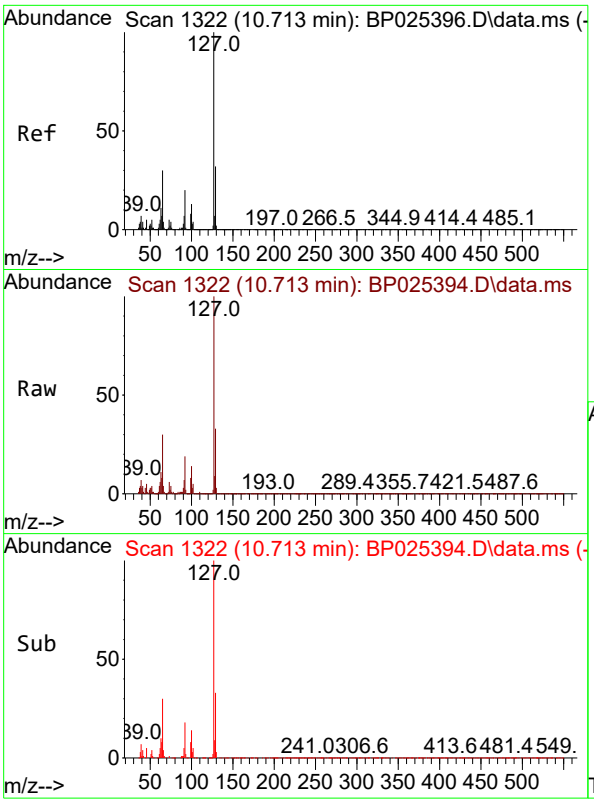


#32
Benzoic acid
Concen: 8.188 ng m
RT: 9.825 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:122 Resp: 53034

Ion	Ratio	Lower	Upper
122	100		
105	130.4	100.6	140.6
77	88.0	71.5	111.5

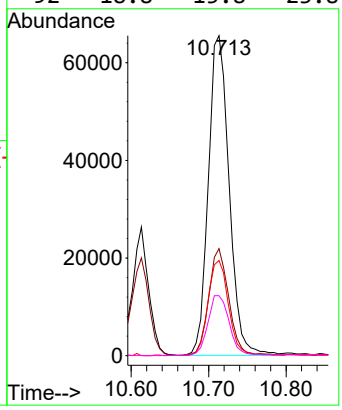




#33
4-Chloroaniline
Concen: 9.472 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:127 Resp: 12264

Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.4	38.2
65	29.7	23.8	35.6
92	18.8	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
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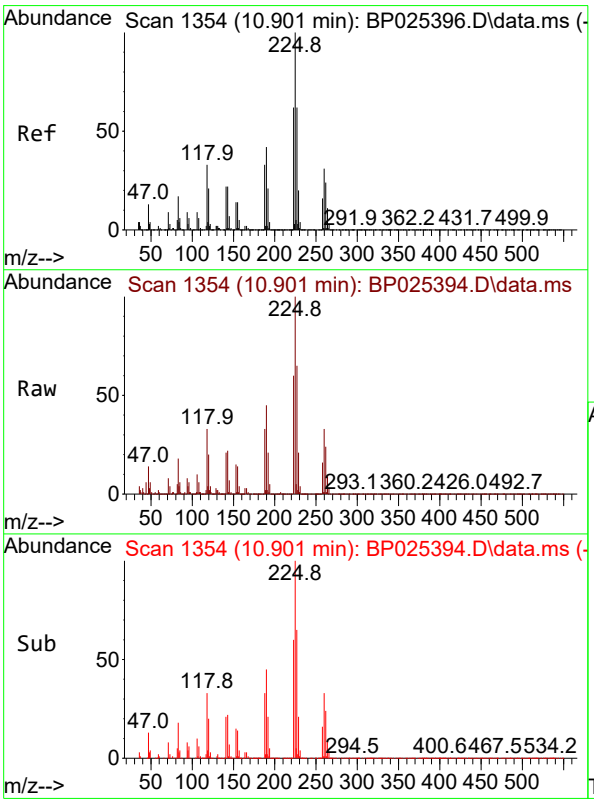
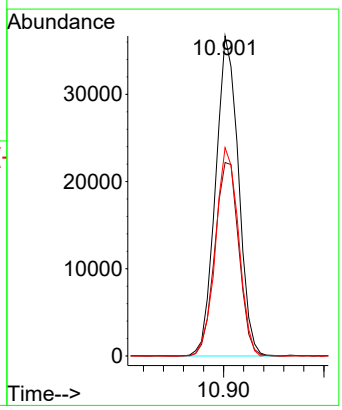
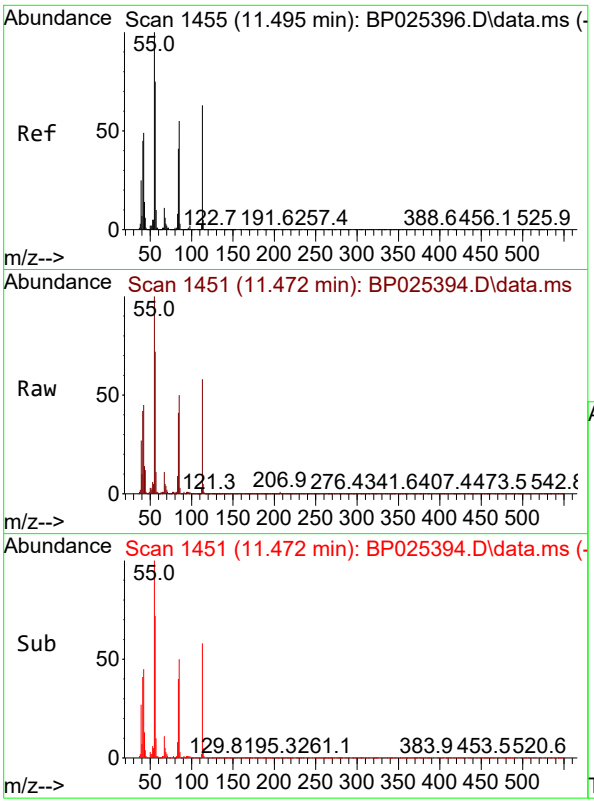


#34
Hexachlorobutadiene
Concen: 9.695 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:225 Resp: 57821

Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.0	75.0
227	65.1	49.7	74.5

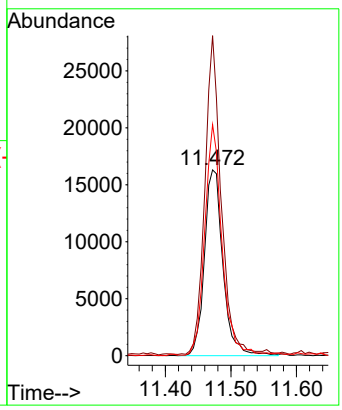




#35
Caprolactam
Concen: 10.001 ng
RT: 11.472 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:113 Resp: 3203

Ion	Ratio	Lower	Upper
113	100		
55	172.3	140.0	180.0
56	124.4	100.0	140.0



Instrument :
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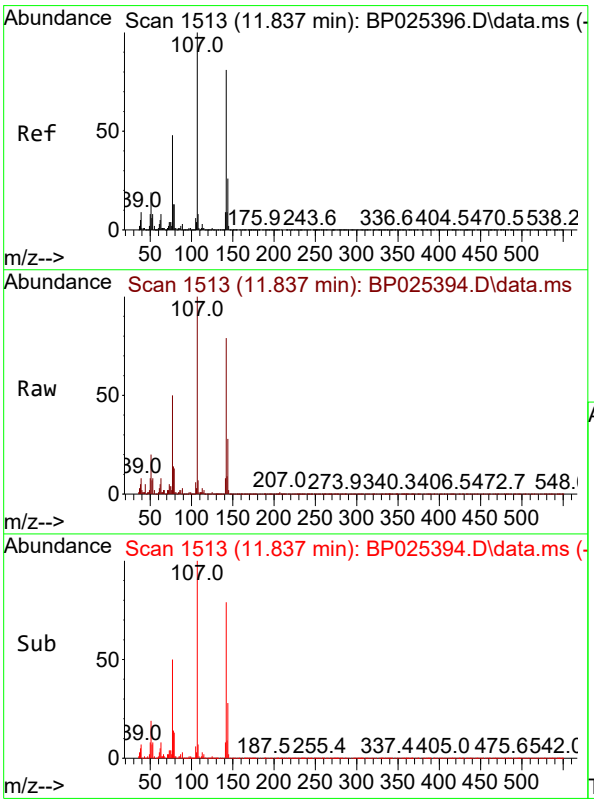
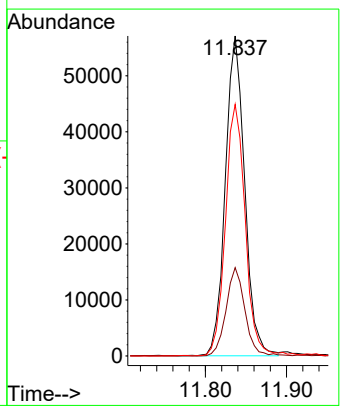
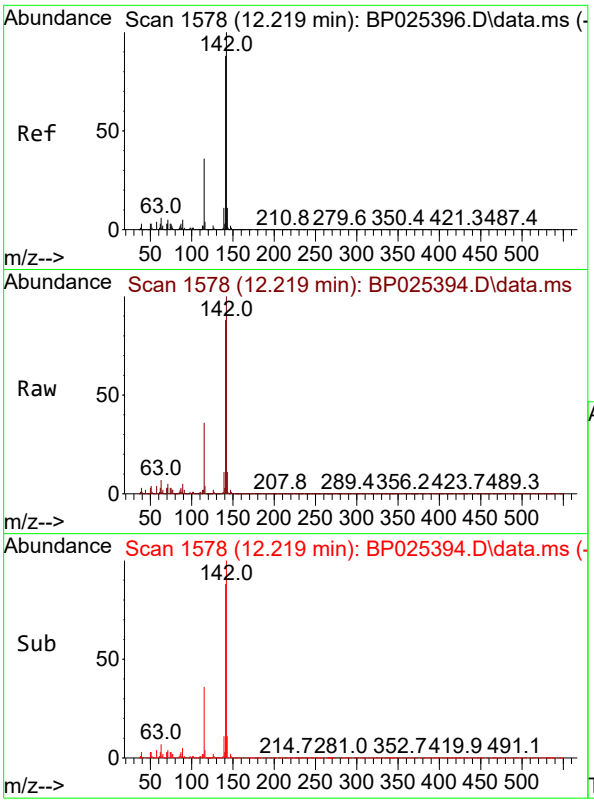


#36
4-Chloro-3-methylphenol
Concen: 9.431 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 94538

Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.0	31.4
142	78.6	64.6	97.0

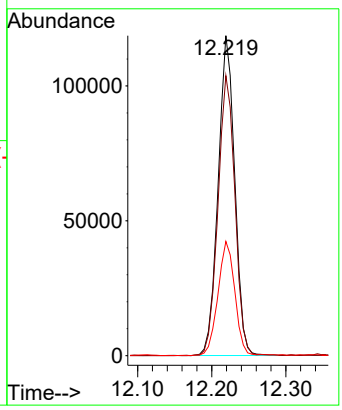




#37
2-Methylnaphthalene
Concen: 9.654 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:142 Resp: 18417

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	35.7	28.9	43.3



Instrument :
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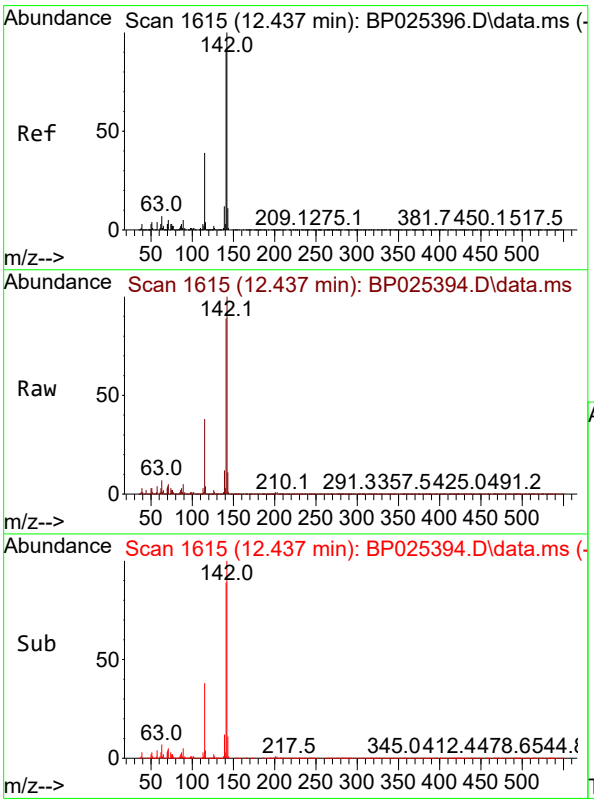
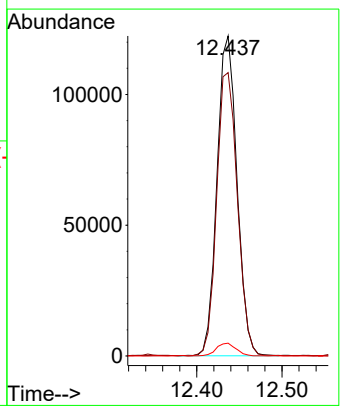
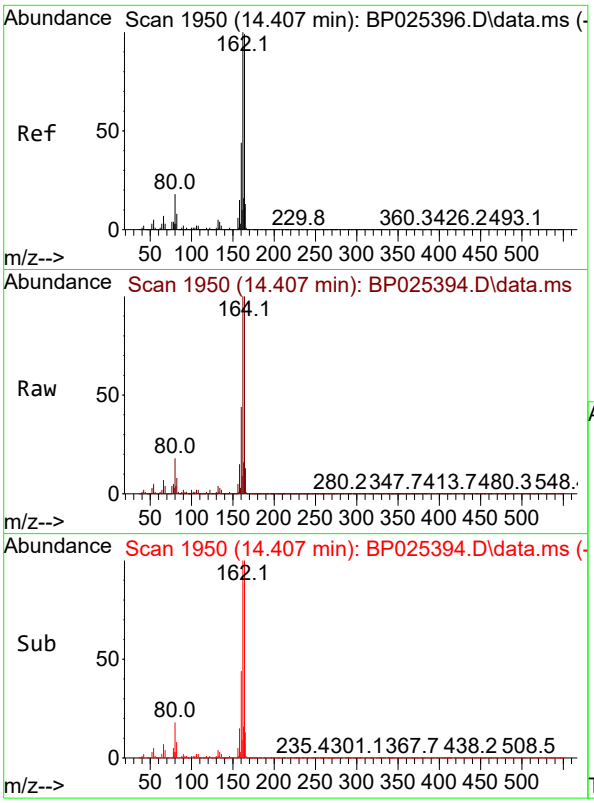


#38
1-Methylnaphthalene
Concen: 9.817 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:142 Resp: 199160

Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.1	109.7
116	4.0	3.2	4.8

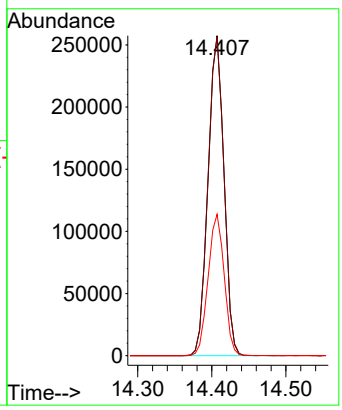




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:164 Resp: 38319

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.6
160	44.2	35.4	53.2



Instrument :
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ClientSampleId :
SSTDICC010

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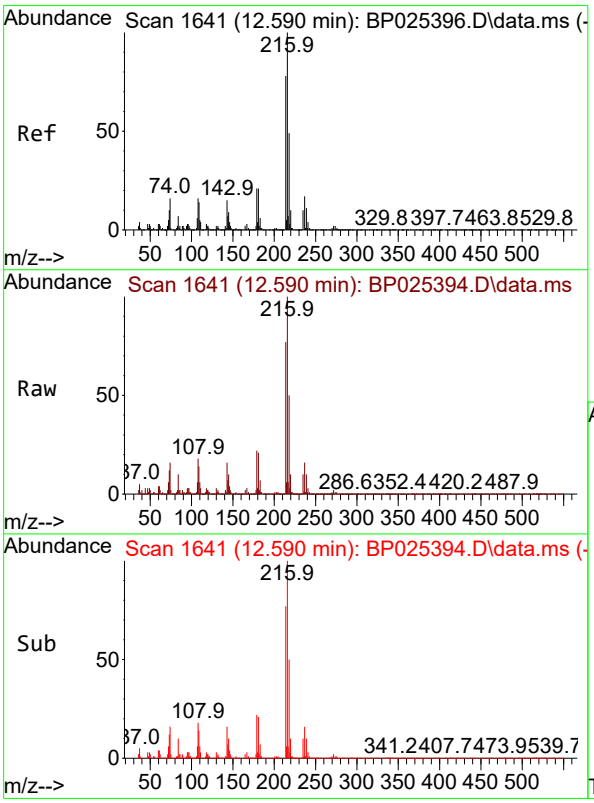
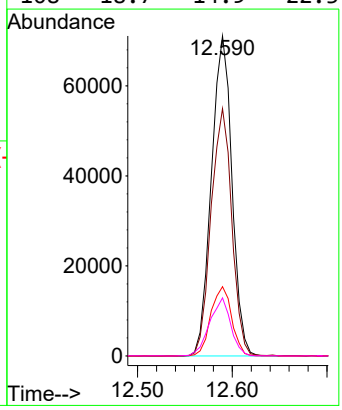
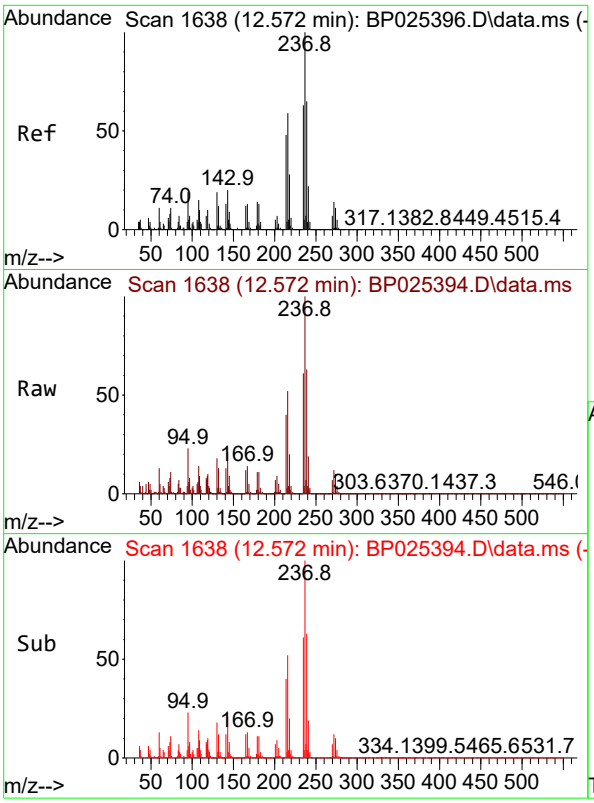


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.678 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:216 Resp: 107104

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	22.0	17.1	25.7
108	18.7	14.9	22.3

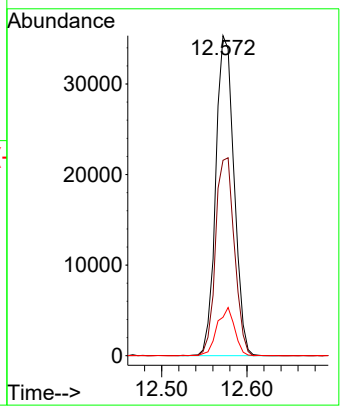




#41
Hexachlorocyclopentadiene
Concen: 7.867 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:237 Resp: 5258

Ion	Ratio	Lower	Upper
237	100		
235	61.1	42.7	82.7
272	12.0	0.0	34.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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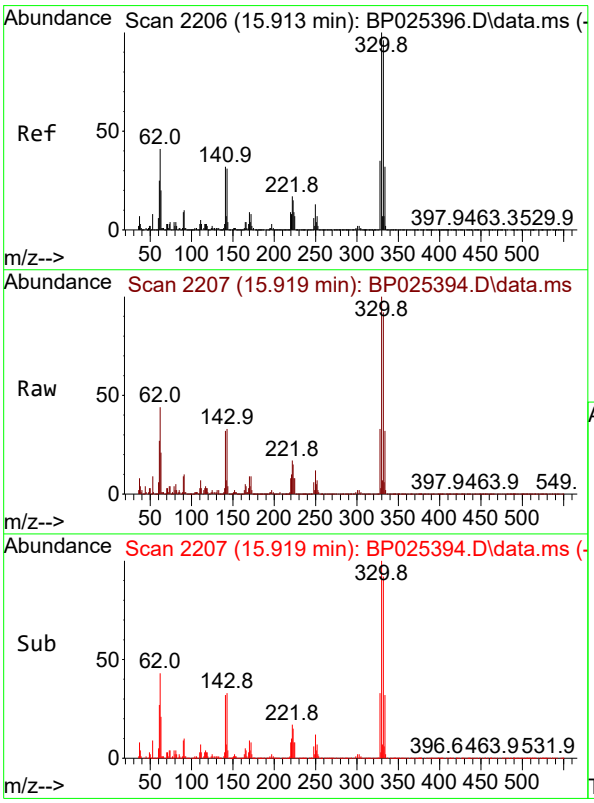
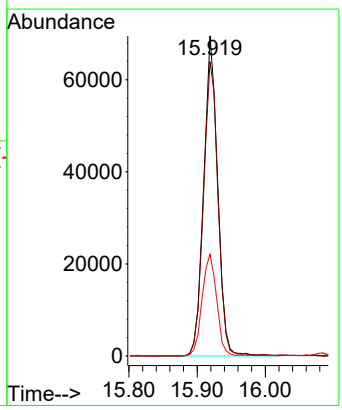
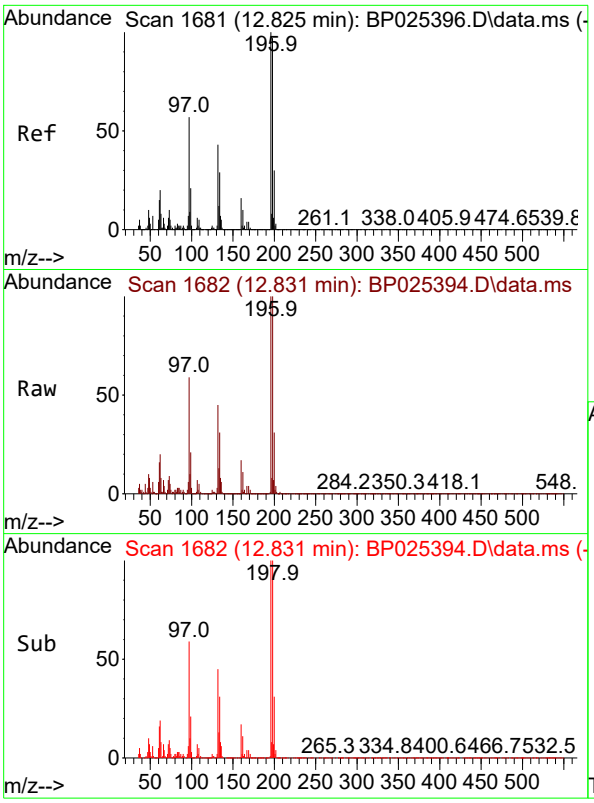


#42
2,4,6-Tribromophenol
Concen: 19.210 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:330 Resp: 99083

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	33.1	26.6	39.8

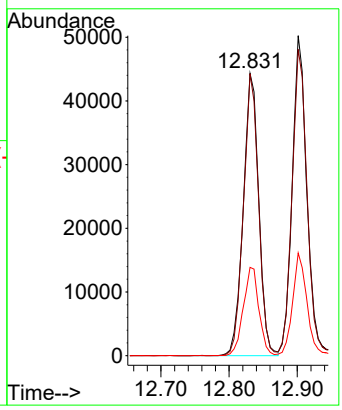




#43
2,4,6-Trichlorophenol
Concen: 9.339 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:196 Resp: 6978

Ion	Ratio	Lower	Upper
196	100		
198	99.9	77.2	115.8
200	31.3	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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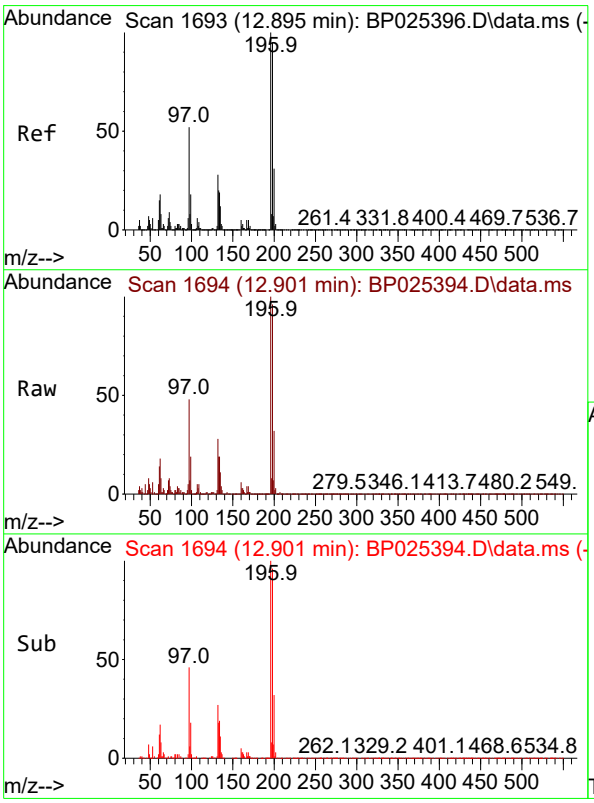
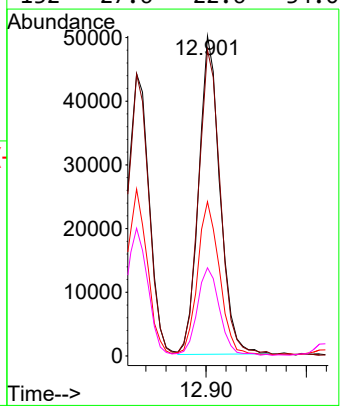
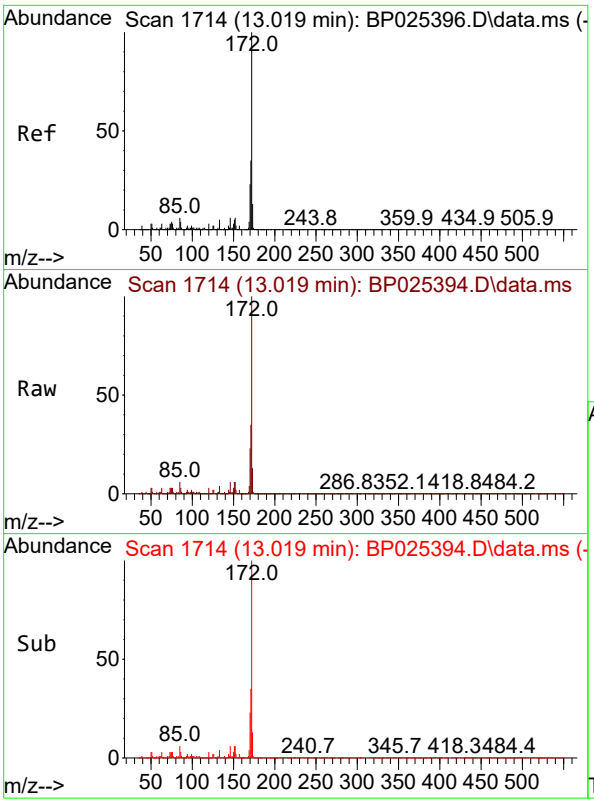


#44
2,4,5-Trichlorophenol
Concen: 9.006 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:196 Resp: 73744

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.2
97	48.2	41.2	61.8
132	27.6	22.6	34.0

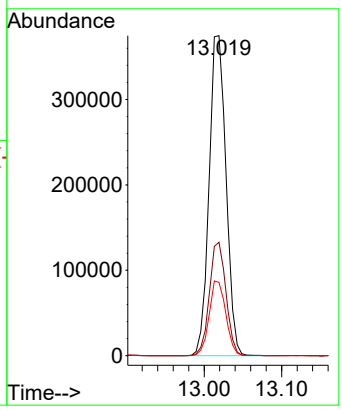




#45
2-Fluorobiphenyl
Concen: 20.271 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:172 Resp: 56835

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	22.9	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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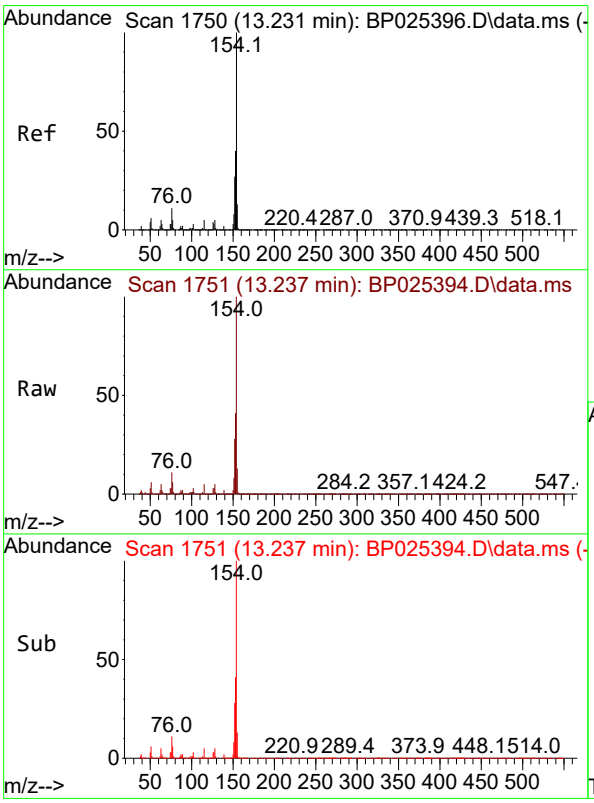
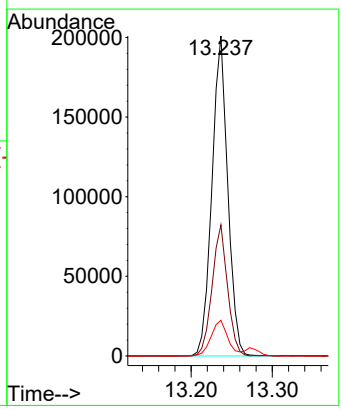
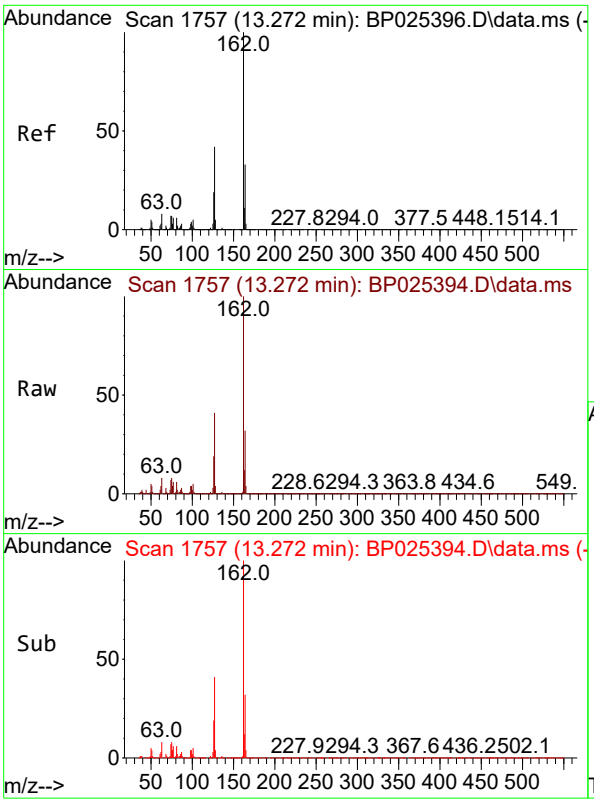


#46
1,1'-Biphenyl
Concen: 9.763 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:154 Resp: 271710

Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.5	59.5
76	11.2	0.0	31.1

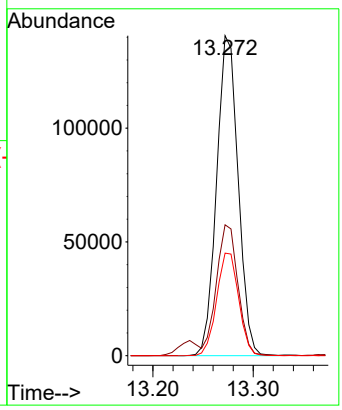




#47
2-Chloronaphthalene
Concen: 9.666 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:162 Resp: 20941

Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.4	50.2
164	32.0	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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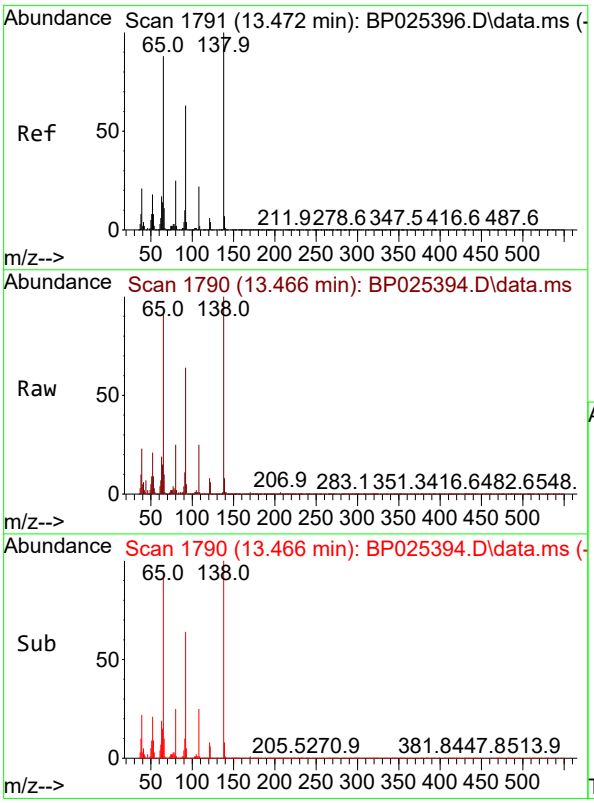
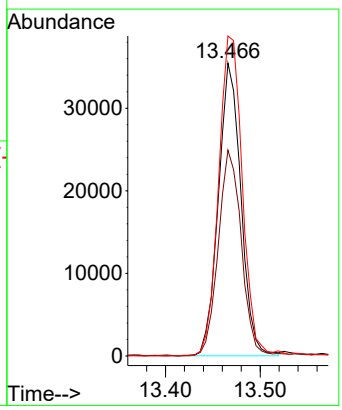
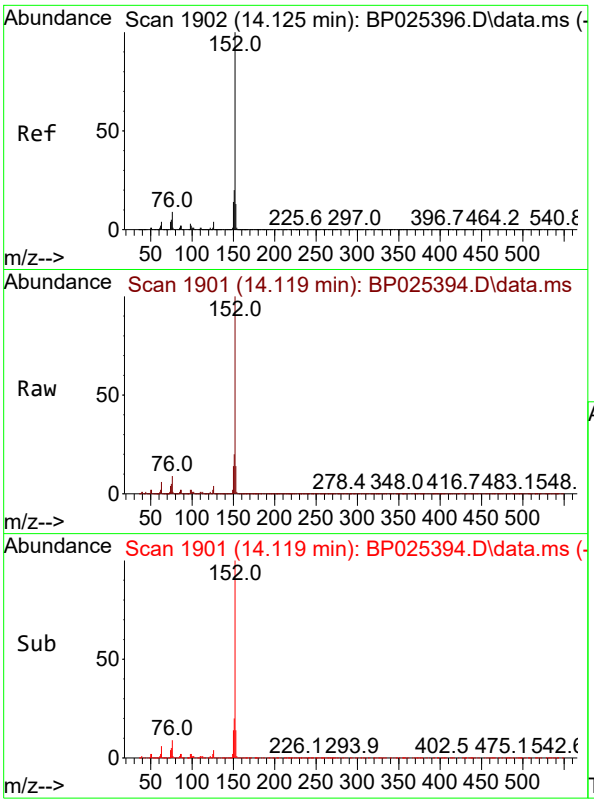


#48
2-Nitroaniline
Concen: 9.287 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 65 Resp: 58630

Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.6	86.4
138	109.3	91.0	136.6

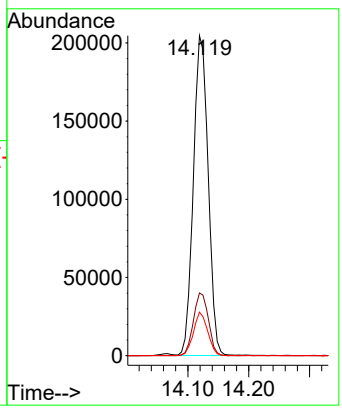




#49
Acenaphthylene
Concen: 9.652 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:152 Resp: 34602

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.6	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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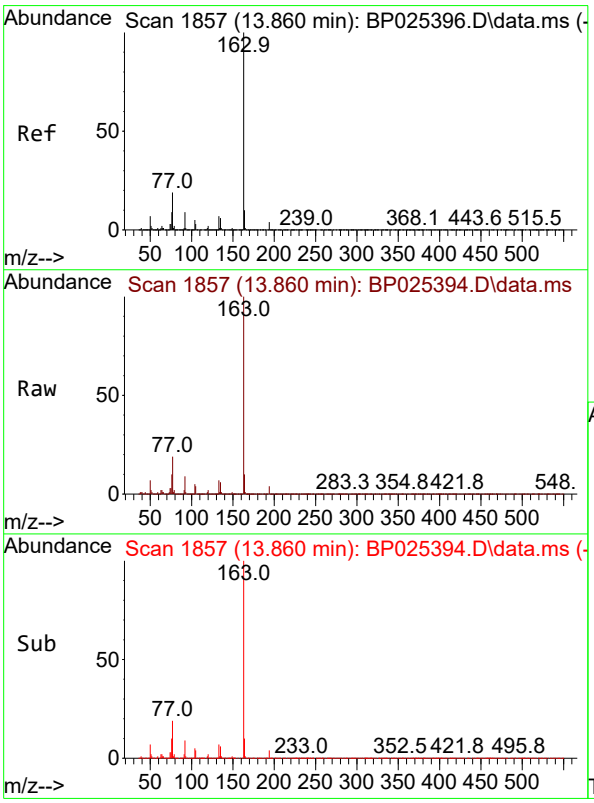
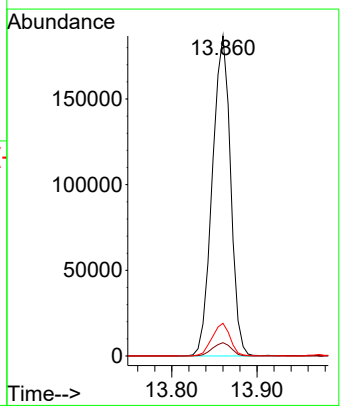
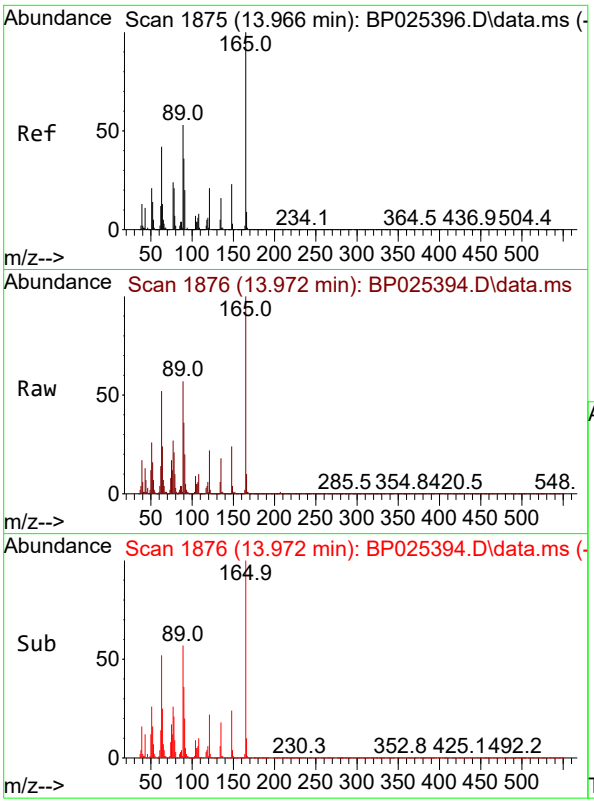


#50
Dimethylphthalate
Concen: 9.896 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:163 Resp: 277701

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	7.9	11.9

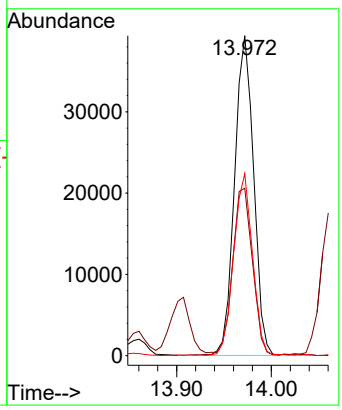




#51
2,6-Dinitrotoluene
Concen: 9.292 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:165 Resp: 5495

Ion	Ratio	Lower	Upper
165	100		
63	52.3	40.9	61.3
89	56.9	42.1	63.1



Instrument :
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ClientSampleId :
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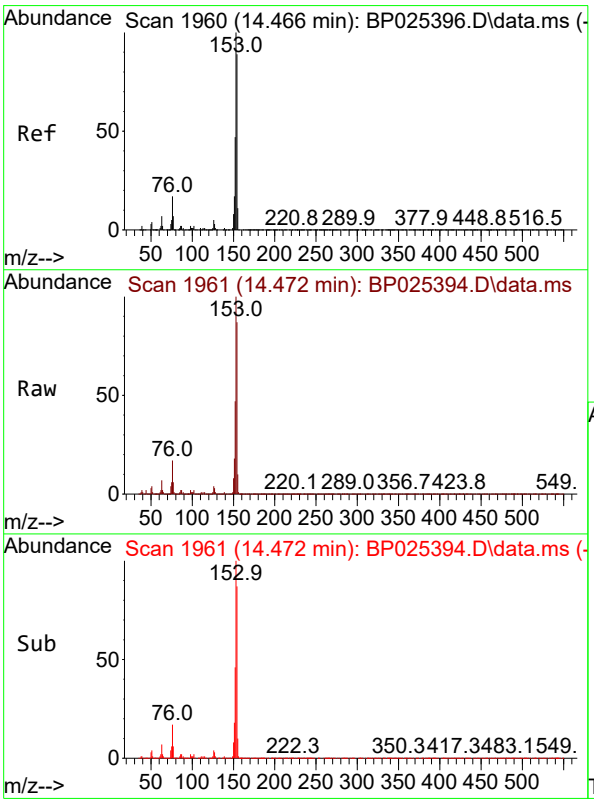
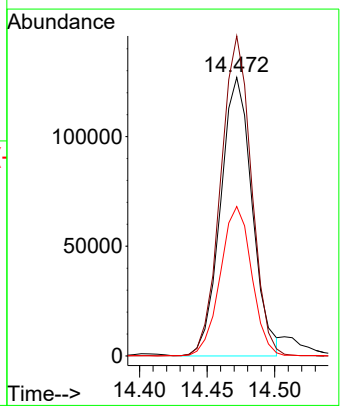
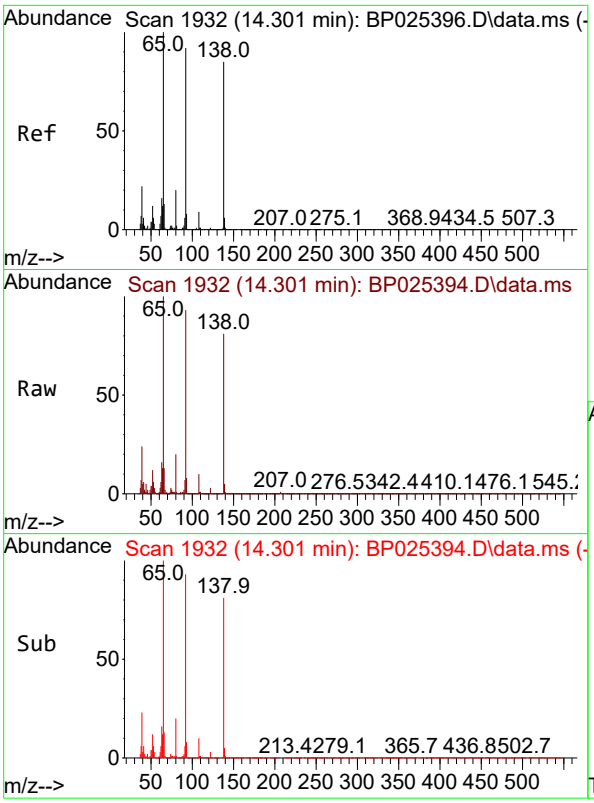


#52
Acenaphthene
Concen: 9.848 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:154 Resp: 207239

Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.2	135.2
152	53.6	42.1	63.1

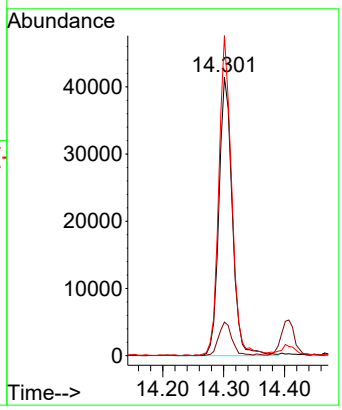




#53
3-Nitroaniline
Concen: 9.466 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:138 Resp: 6299

Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.3	12.5
92	114.9	86.2	129.2



Instrument :
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ClientSampleId :
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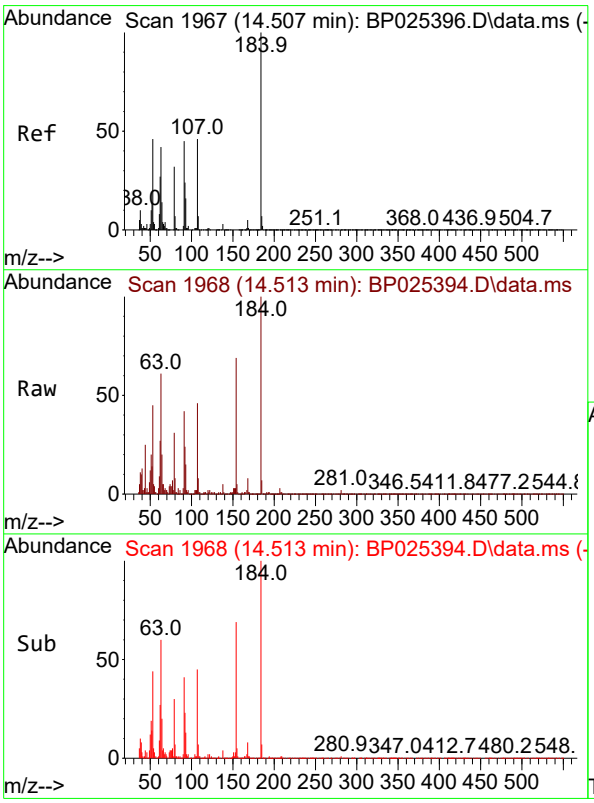
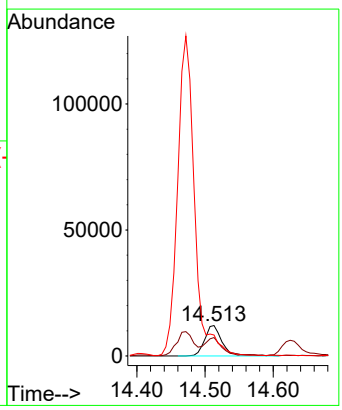
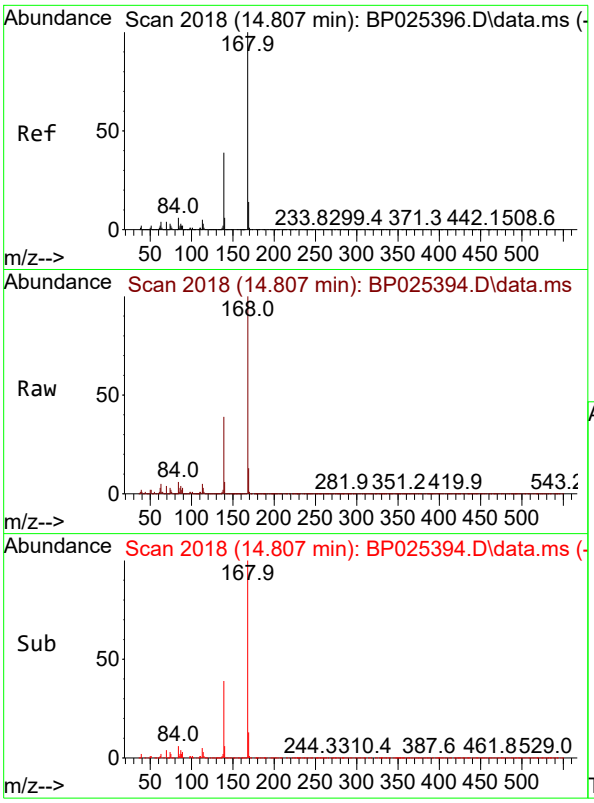


#54
2,4-Dinitrophenol
Concen: 6.886 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:184 Resp: 21748

Ion	Ratio	Lower	Upper
184	100		
63	60.8	49.4	74.2
154	69.1	54.6	82.0





#55
Dibenzofuran
Concen: 9.851 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:168 Resp: 32773

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.5	47.3
169	13.4	10.9	16.3

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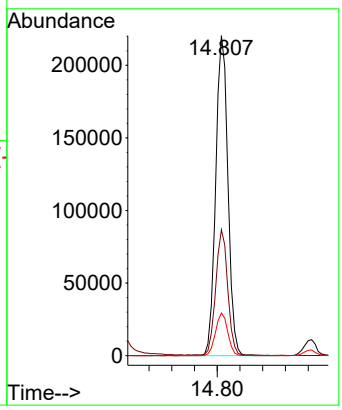
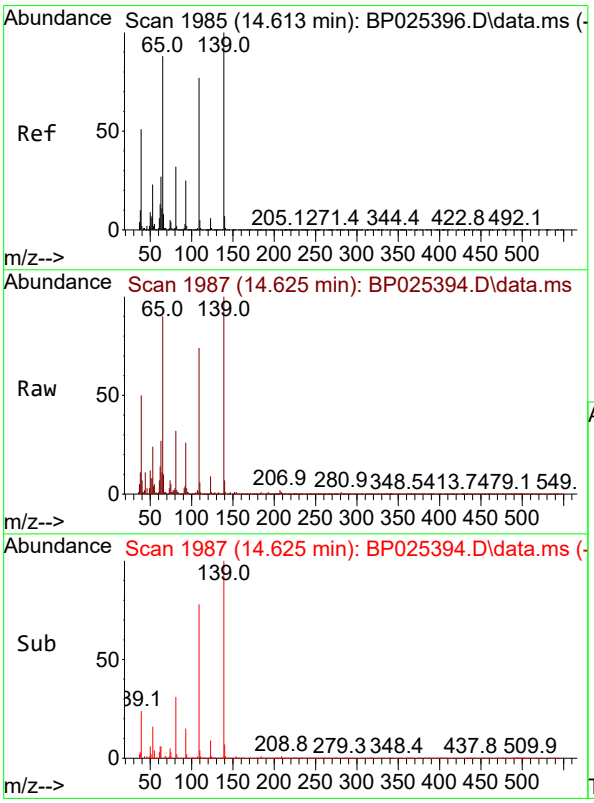
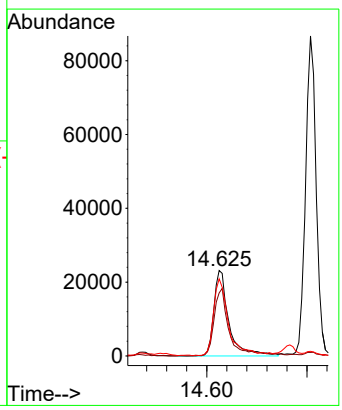


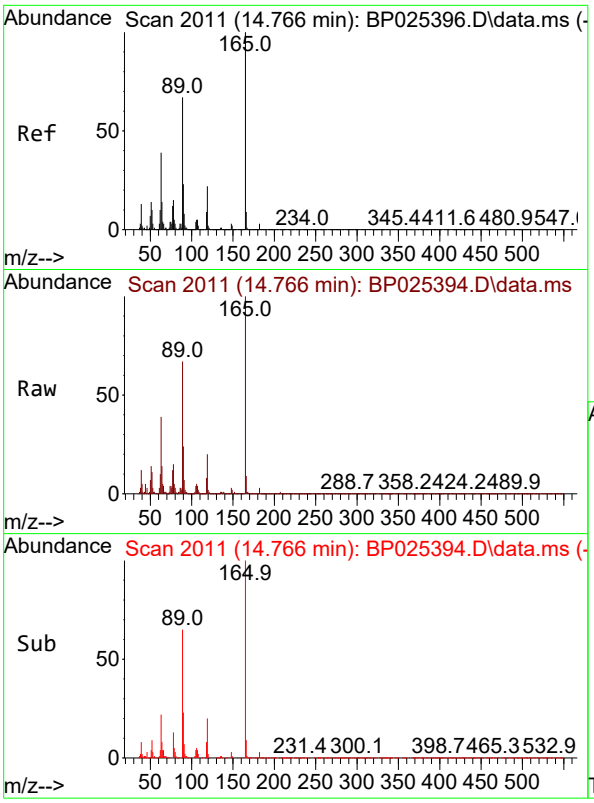


#56
4-Nitrophenol
Concen: 8.797 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:139 Resp: 48103

Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.6	96.6
65	90.2	68.2	108.2

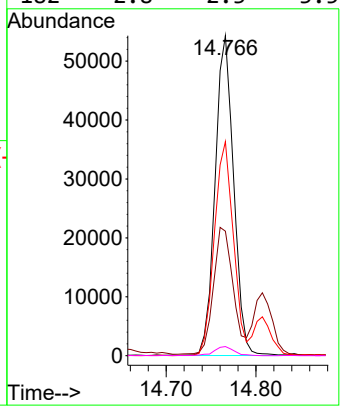




#57
2,4-Dinitrotoluene
Concen: 9.237 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:165 Resp: 7795

Ion	Ratio	Lower	Upper
165	100		
63	38.9	31.4	47.2
89	66.9	53.3	79.9
182	2.8	2.3	3.5



Instrument :
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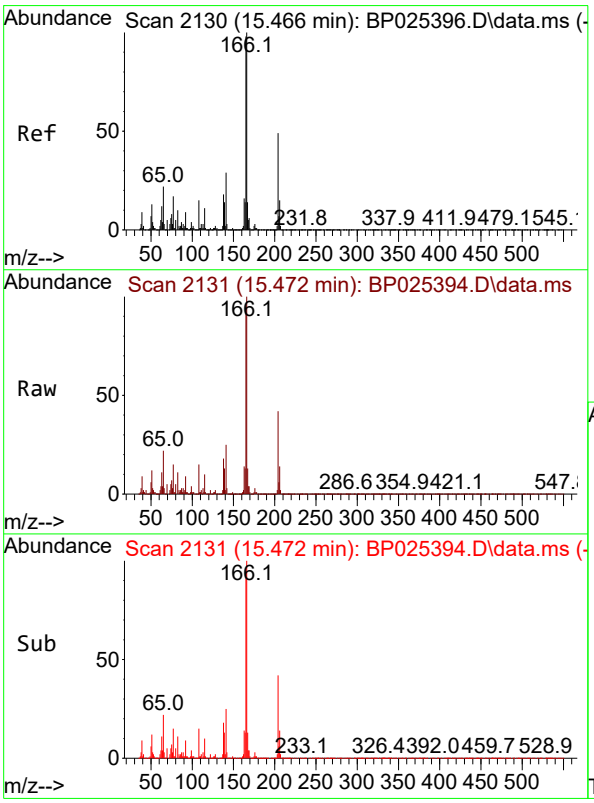
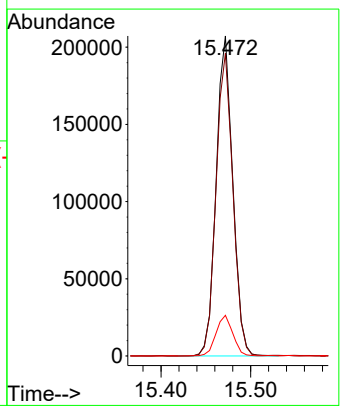
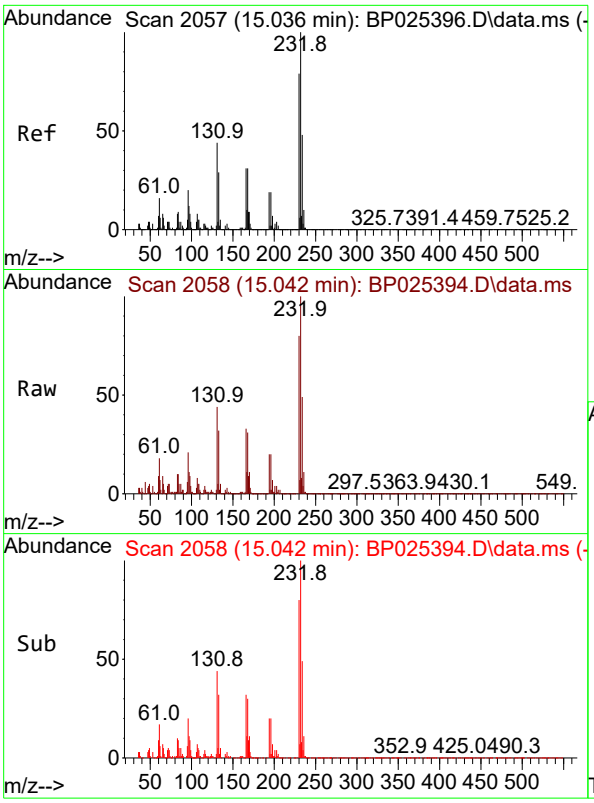


#58
Fluorene
Concen: 10.156 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:166 Resp: 266610

Ion	Ratio	Lower	Upper
166	100		
165	94.6	78.8	118.2
167	12.7	11.0	16.4

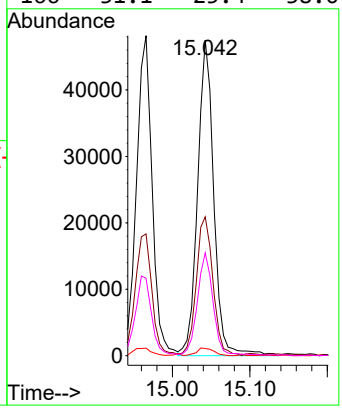




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.533 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:232 Resp: 6893

Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.0	55.6
130	2.5	1.9	2.9
166	31.1	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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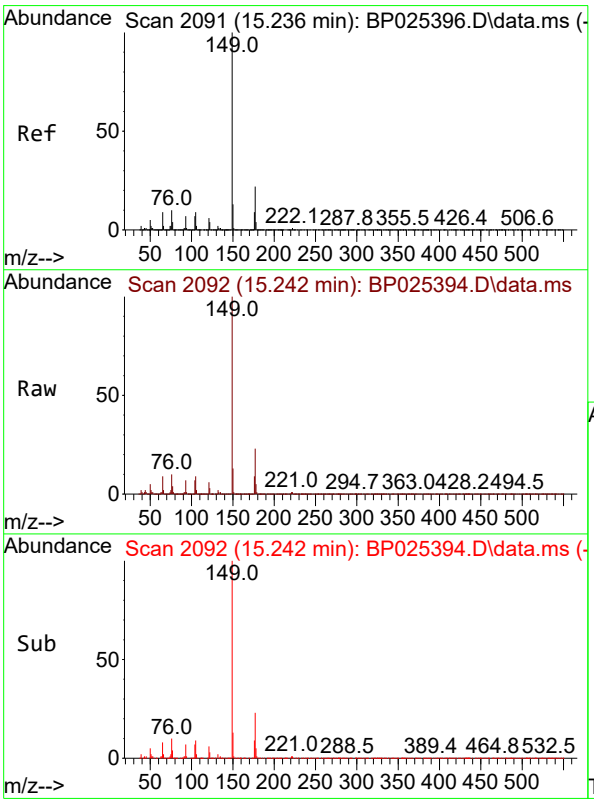
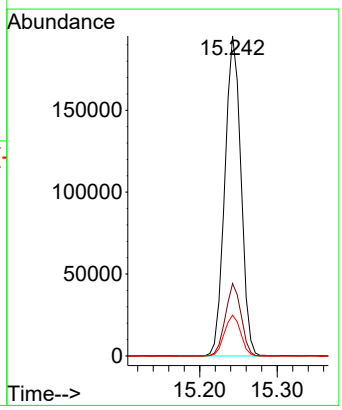
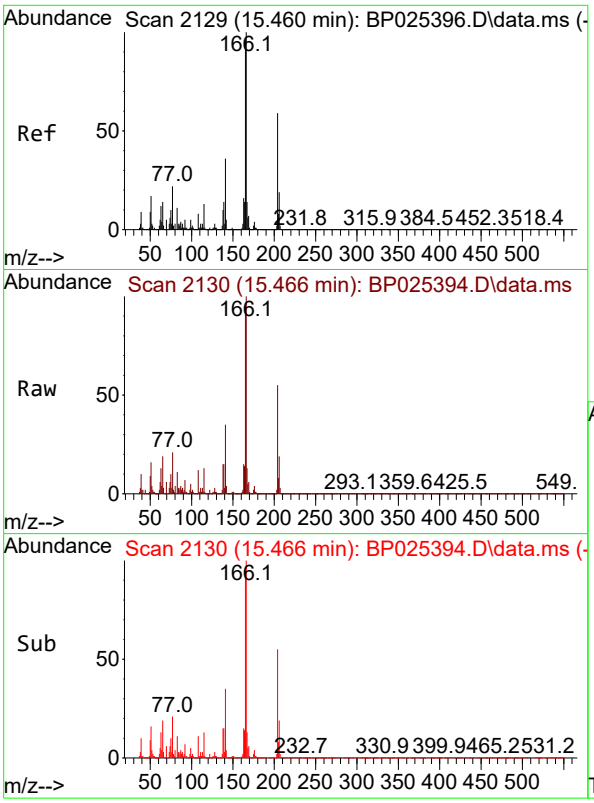


#60
Diethylphthalate
Concen: 9.909 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 282526

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.3	25.9
150	12.8	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 10.044 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:204 Resp: 13113

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	62.5	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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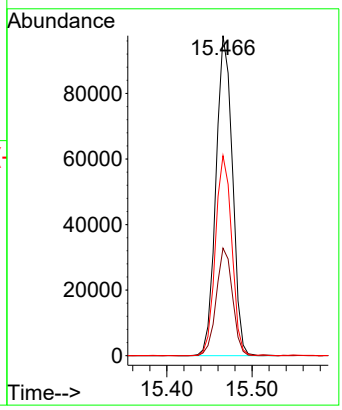
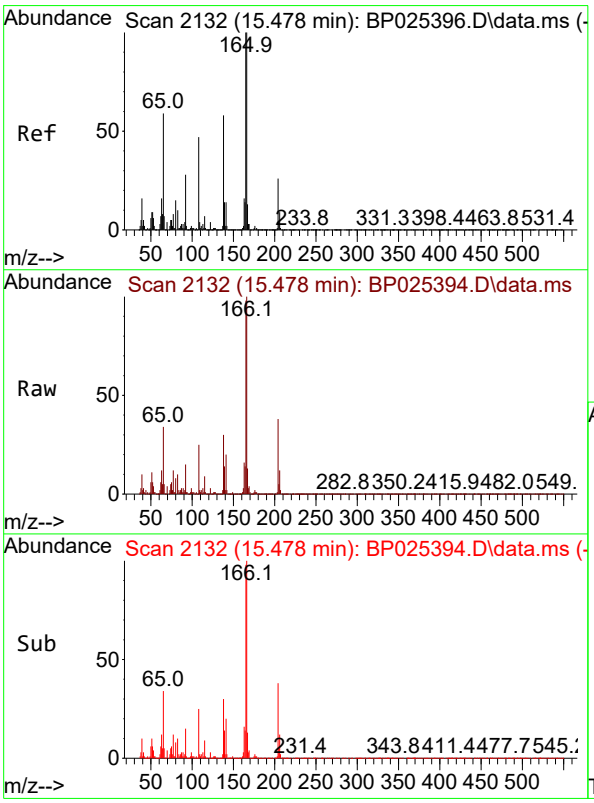
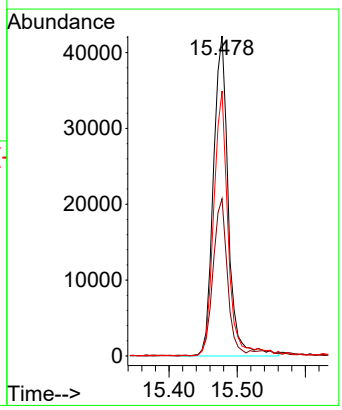


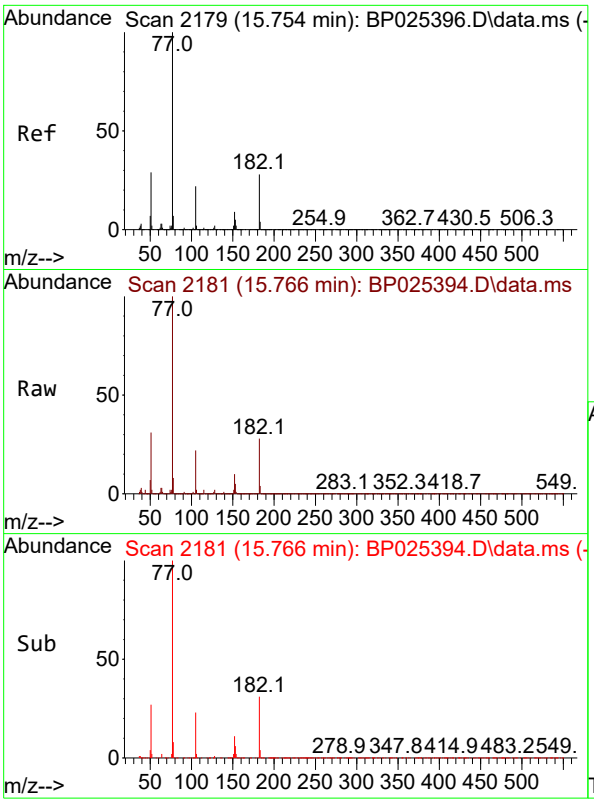


#62
4-Nitroaniline
Concen: 9.437 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:138 Resp: 64375

Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.1	69.1
108	82.8	61.5	101.5

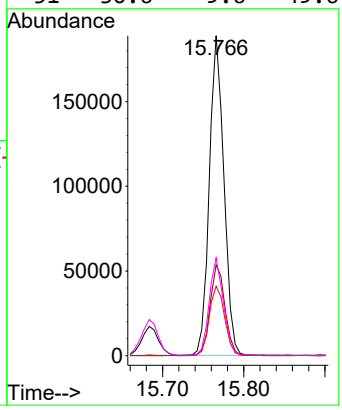




#63
Azobenzene
Concen: 9.620 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 23487

Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.5	47.5
105	21.7	2.1	42.1
51	30.6	9.6	49.6



Instrument :
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ClientSampleId :
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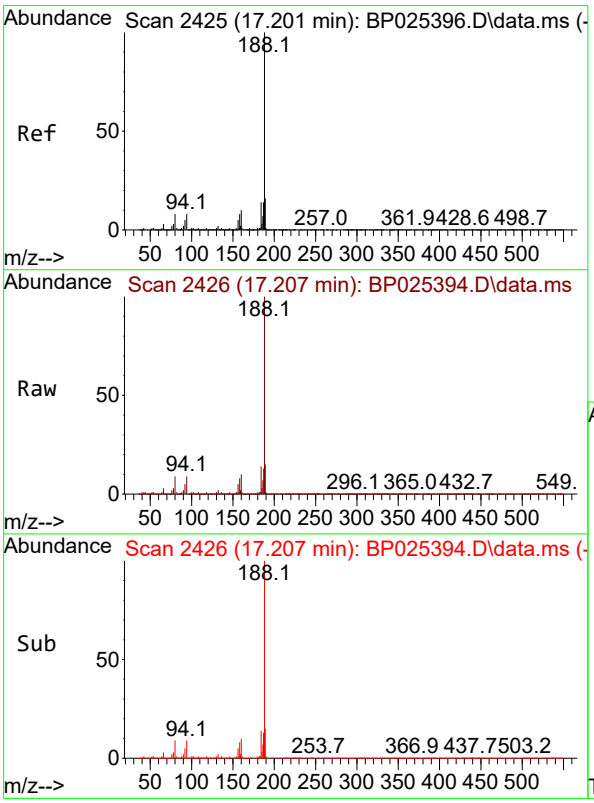
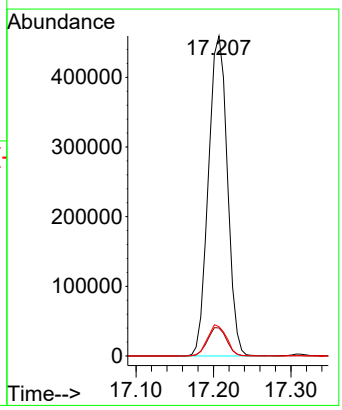
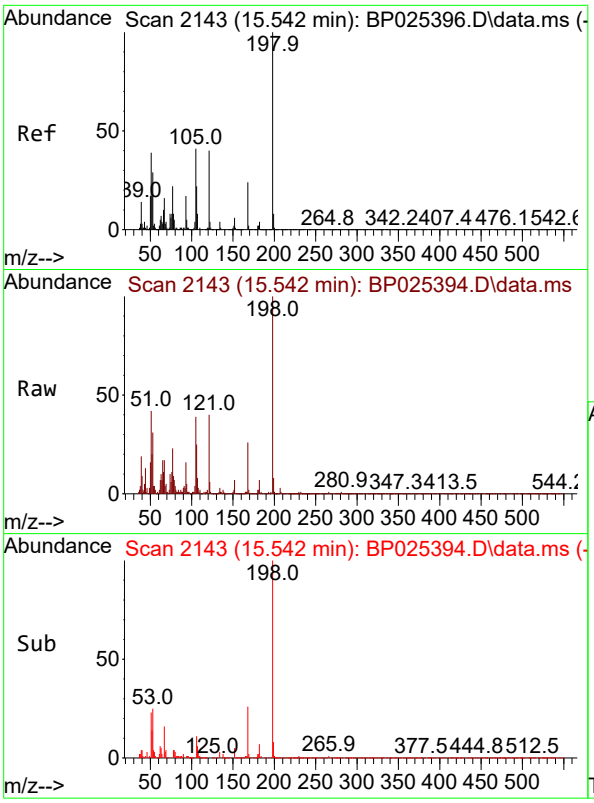


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:188 Resp: 780940

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	6.7	10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 7.679 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:198 Resp: 3738

Ion	Ratio	Lower	Upper
198	100		
51	42.0	19.6	59.6
105	39.4	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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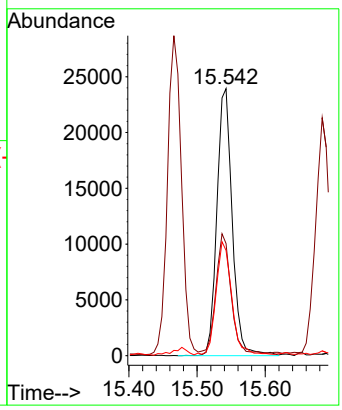
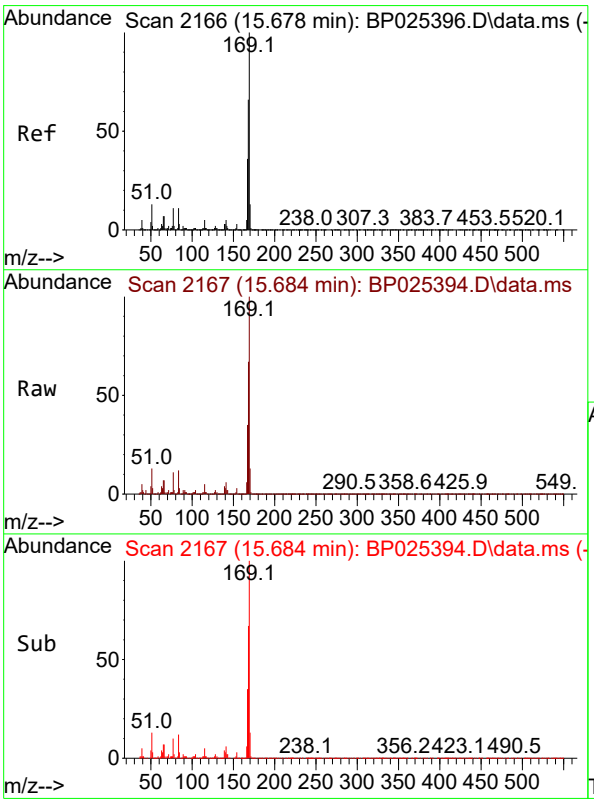
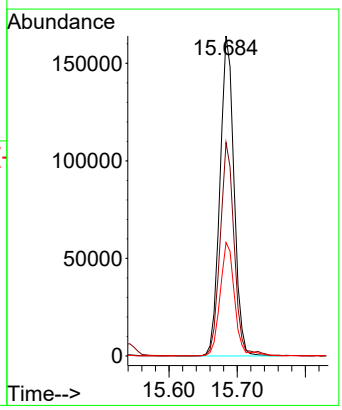


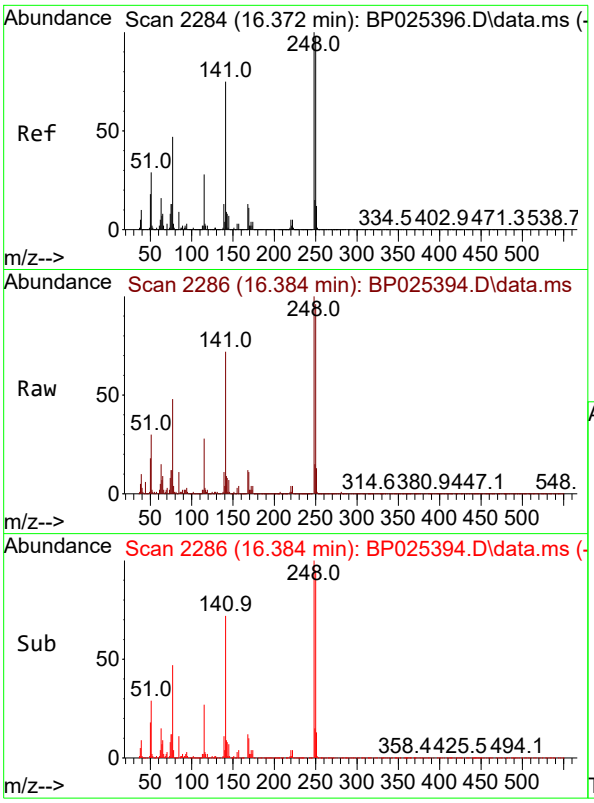


#66
n-Nitrosodiphenylamine
Concen: 9.883 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:169 Resp: 235344

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	35.5	28.7	43.1

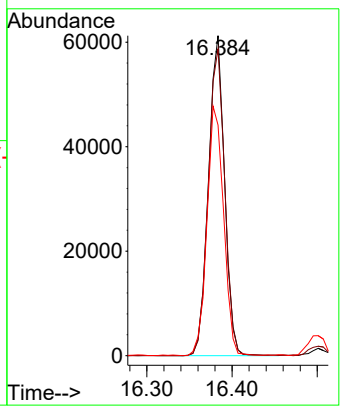




#67
4-Bromophenyl-phenylether
Concen: 9.358 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:248 Resp: 8037

Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.2	117.2
141	72.1	59.6	89.4



Instrument :
BNA_P
ClientSampleId :
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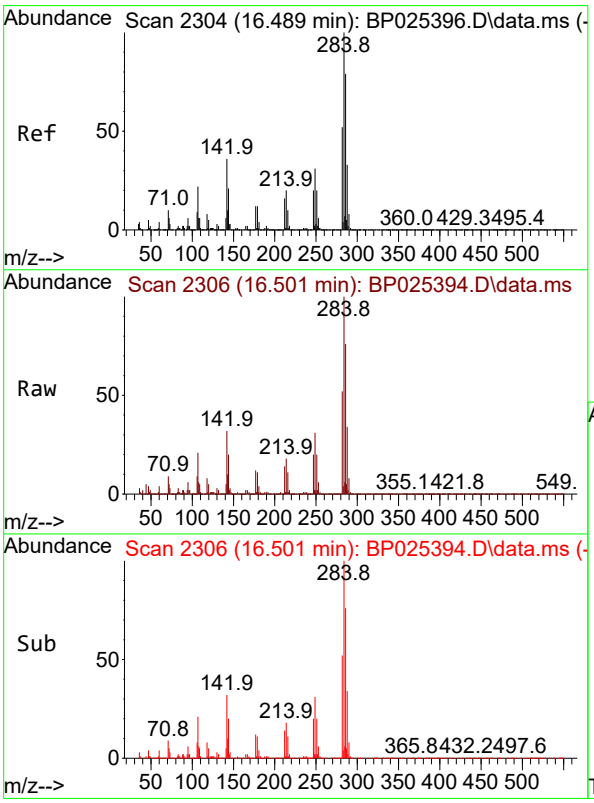
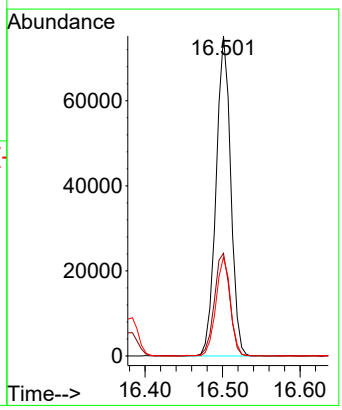
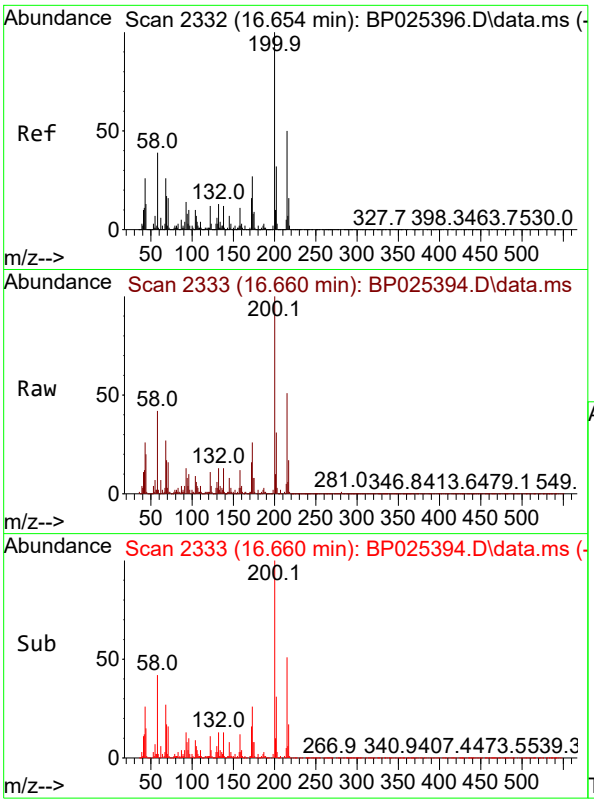


#68
Hexachlorobenzene
Concen: 9.905 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:284 Resp: 98614

Ion	Ratio	Lower	Upper
284	100		
142	32.1	29.1	43.7
249	30.8	25.0	37.4

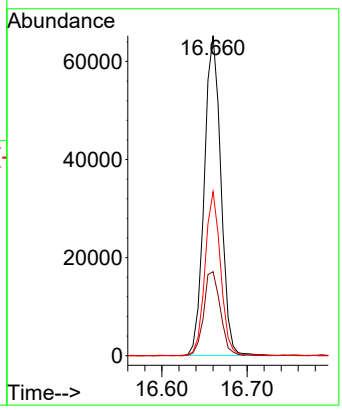




#69
Atrazine
Concen: 9.894 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:200 Resp: 8824

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.7	46.7
215	51.3	29.7	69.7



Instrument :
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ClientSampleId :
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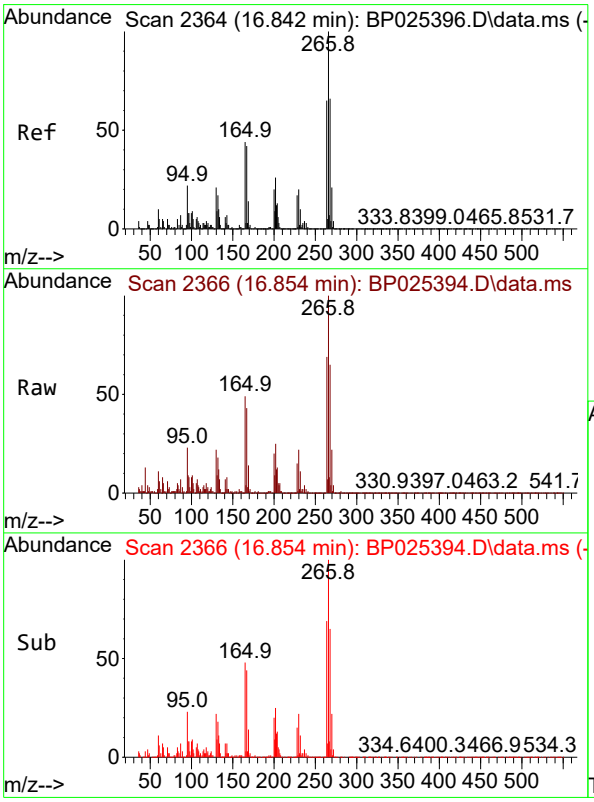
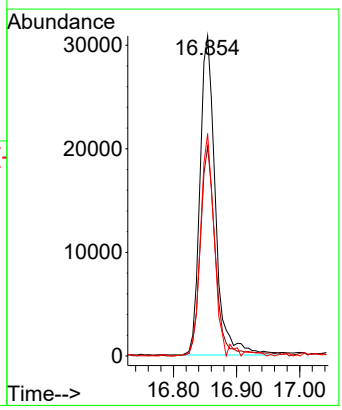
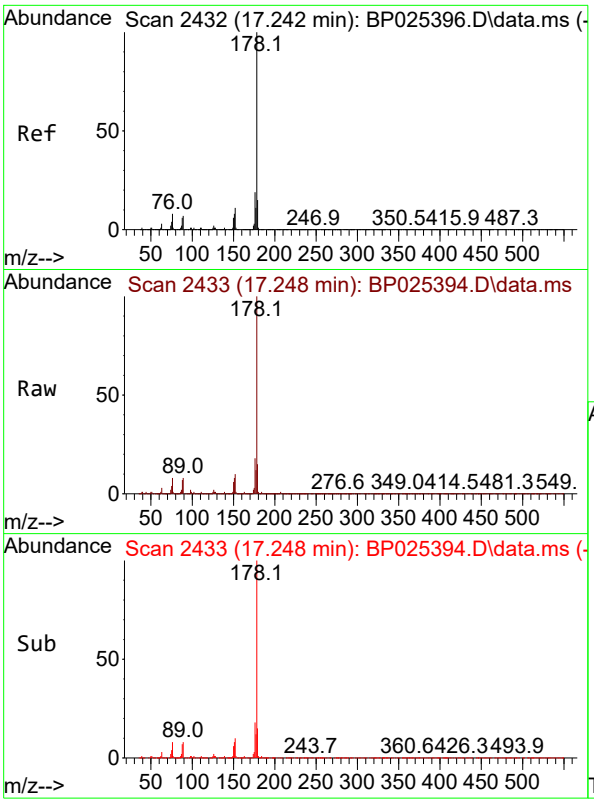


#70
Pentachlorophenol
Concen: 8.360 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:266 Resp: 52539

Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.6	79.0
264	69.5	52.0	78.0

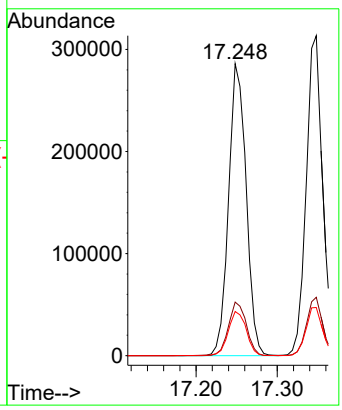




#71
Phenanthrene
Concen: 10.018 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:178 Resp: 42975

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.1	12.2	18.4



Instrument :
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ClientSampleId :
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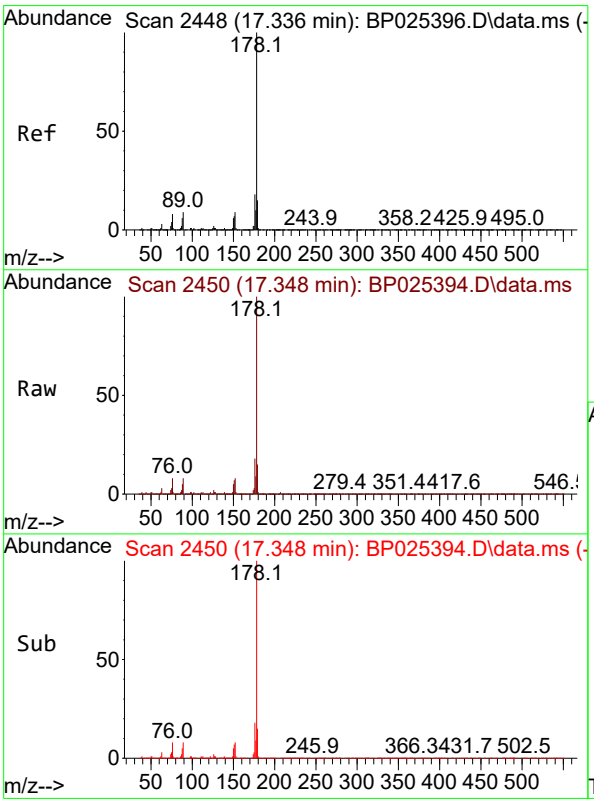
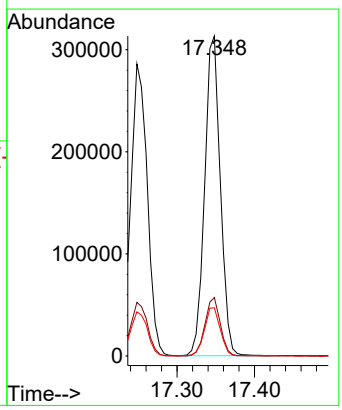
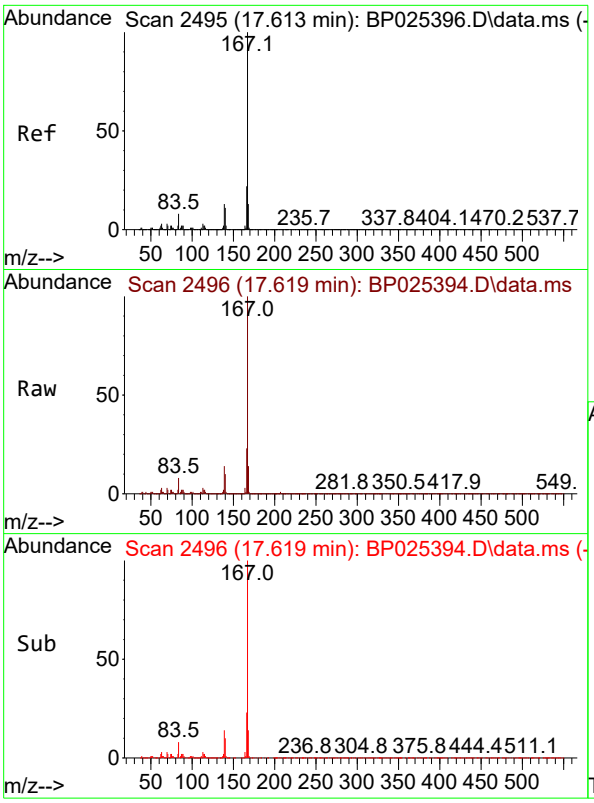


#72
Anthracene
Concen: 10.020 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:178 Resp: 438953

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.1	12.2	18.2

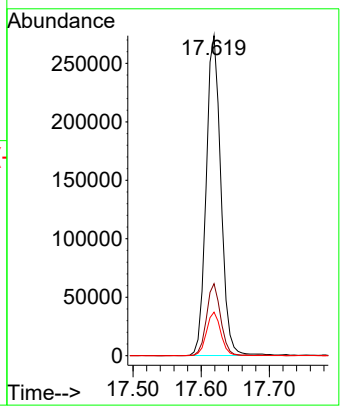




#73
Carbazole
Concen: 9.954 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:167 Resp: 41072

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.5	26.3
139	13.6	10.6	16.0



Instrument :
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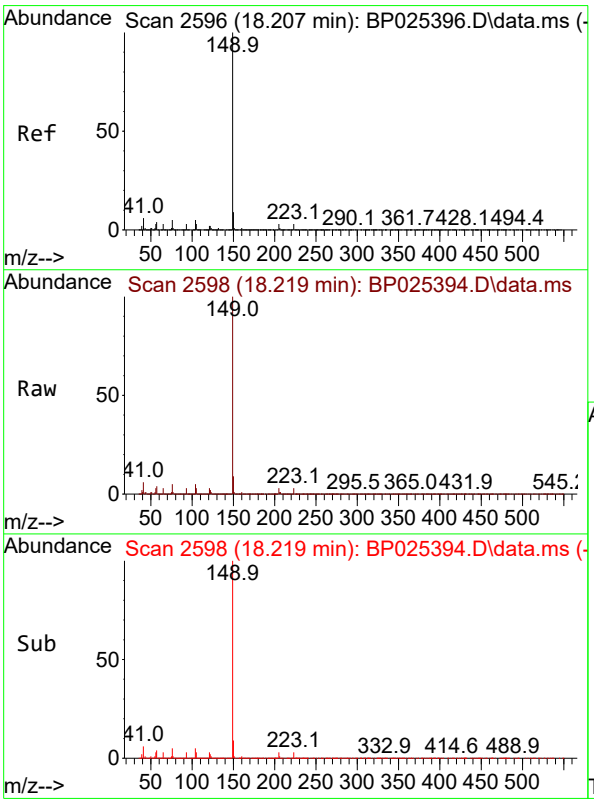
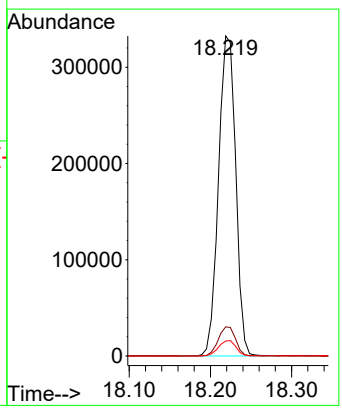
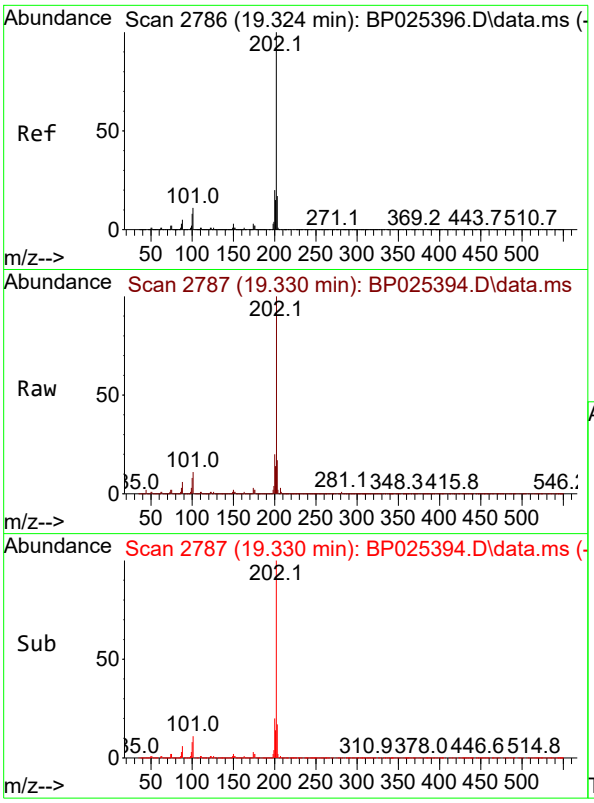


#74
Di-n-butylphthalate
Concen: 9.656 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 490232

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.7	4.2	6.2





#75
Fluoranthene
Concen: 10.094 ng
RT: 19.330 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 51652

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
203	17.2	0.0	37.3

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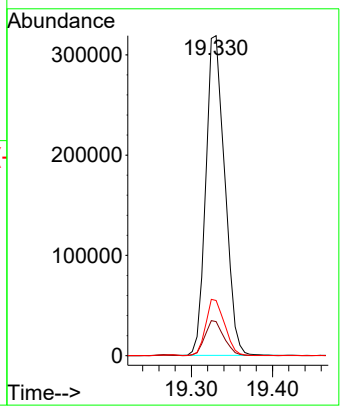
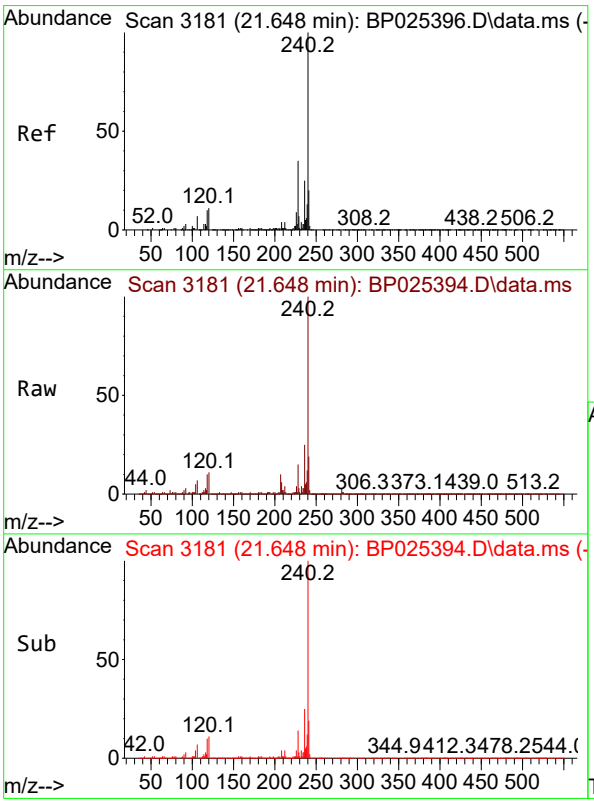
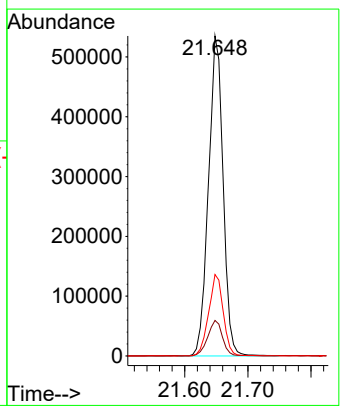


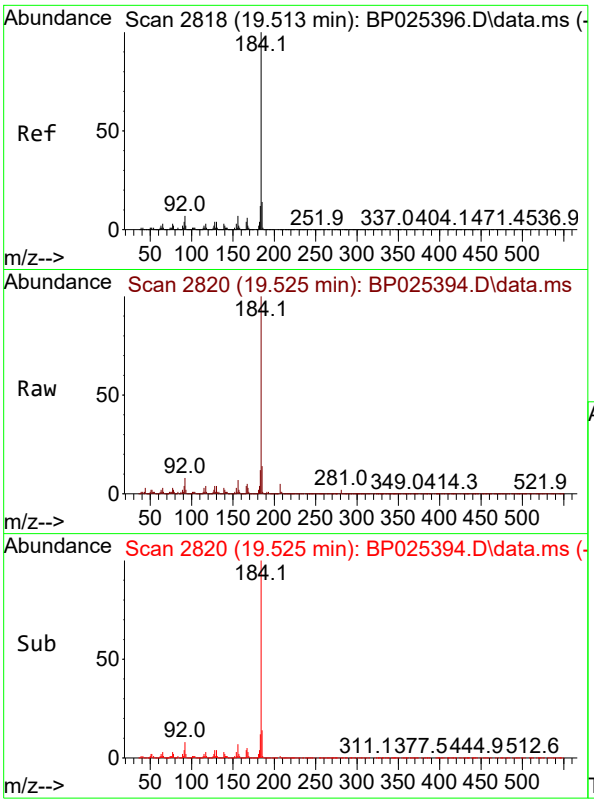


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:240 Resp: 860386

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.5	19.8	29.8

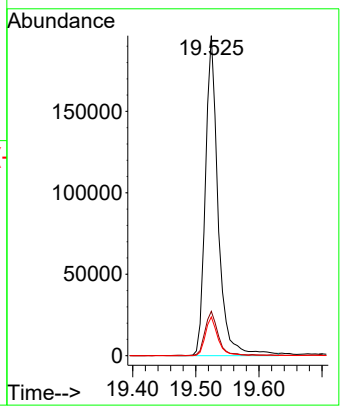




#77
Benzidine
Concen: 9.406 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:184 Resp: 27619

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	12.1	9.4	14.2



Instrument :
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ClientSampleId :
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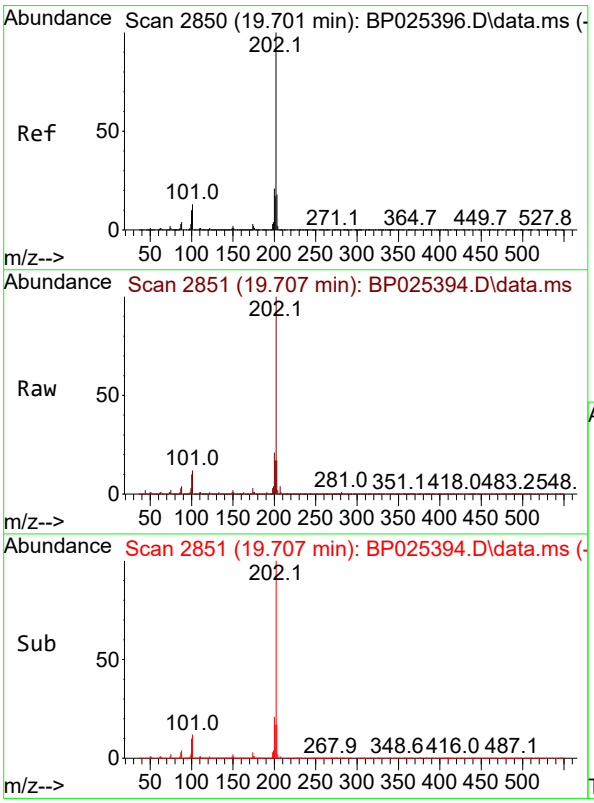
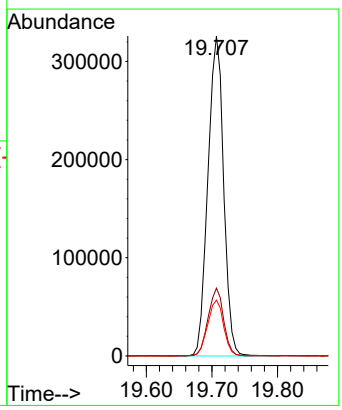
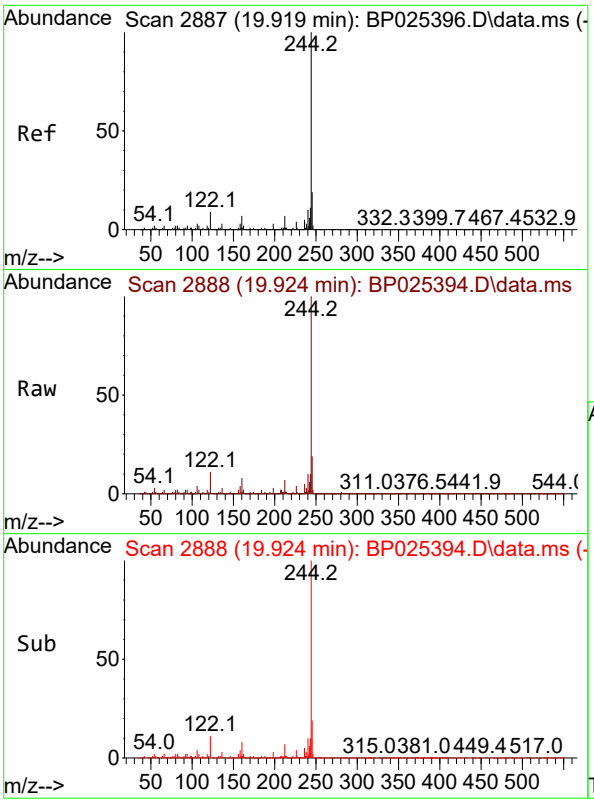


#78
Pyrene
Concen: 9.704 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:202 Resp: 542670

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.2	21.2

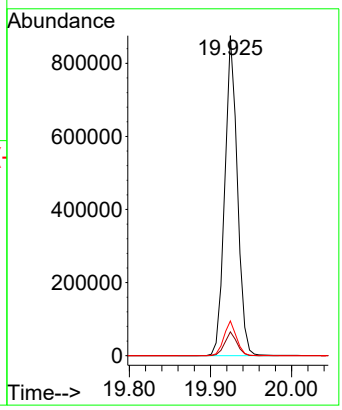




#79
Terphenyl-d14
Concen: 20.125 ng
RT: 19.924 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:244 Resp: 94642

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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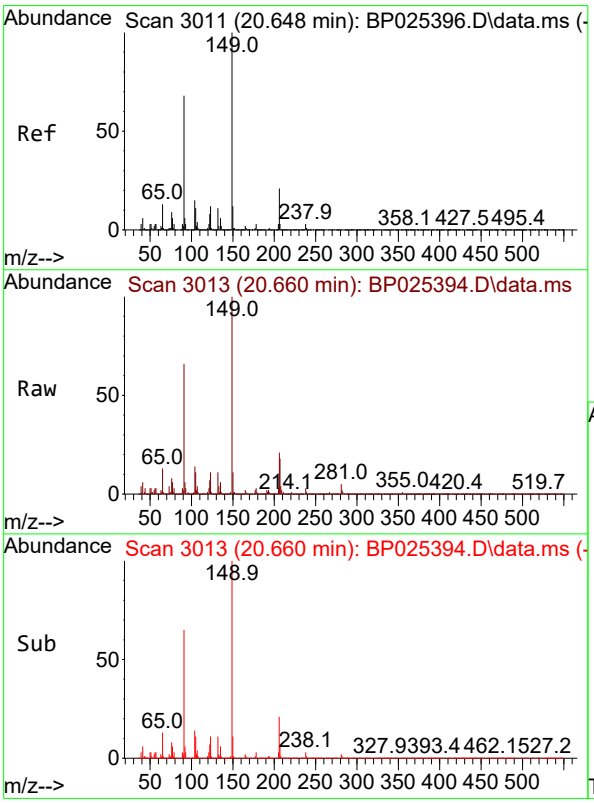
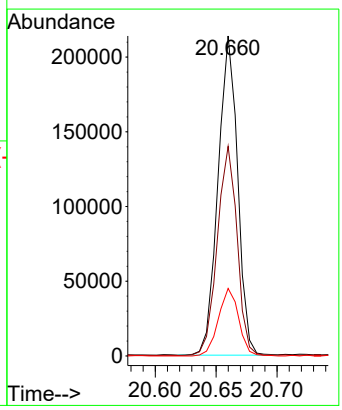
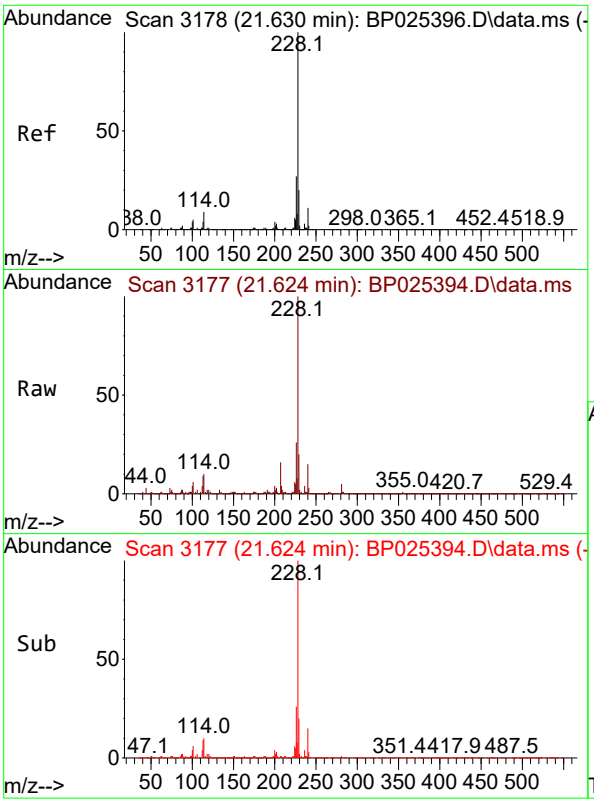


#80
Butylbenzylphthalate
Concen: 9.446 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 239416

Ion	Ratio	Lower	Upper
149	100		
91	65.5	54.2	81.2
206	21.1	16.6	24.8

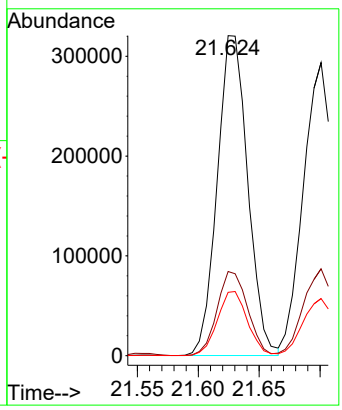




#81
Benzo(a)anthracene
Concen: 9.874 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:228 Resp: 56027

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.7	32.5
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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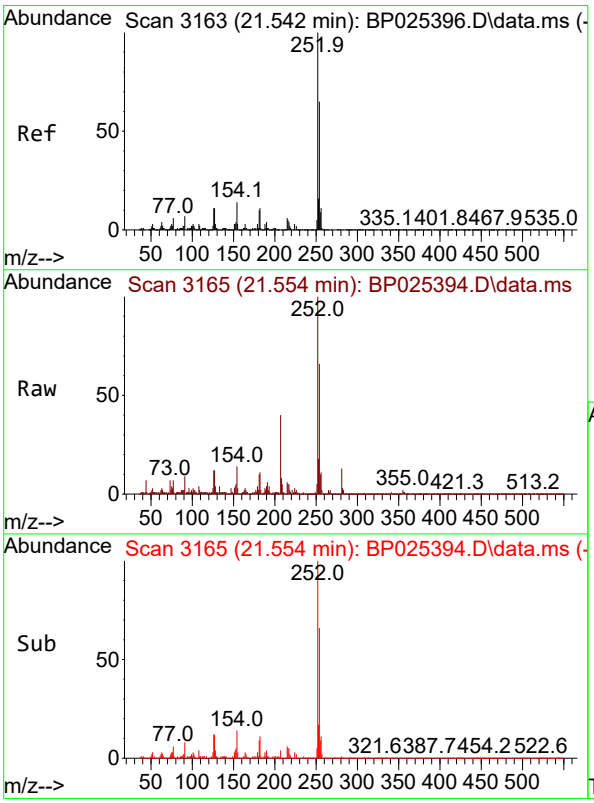
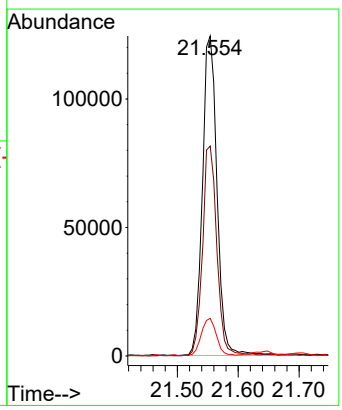
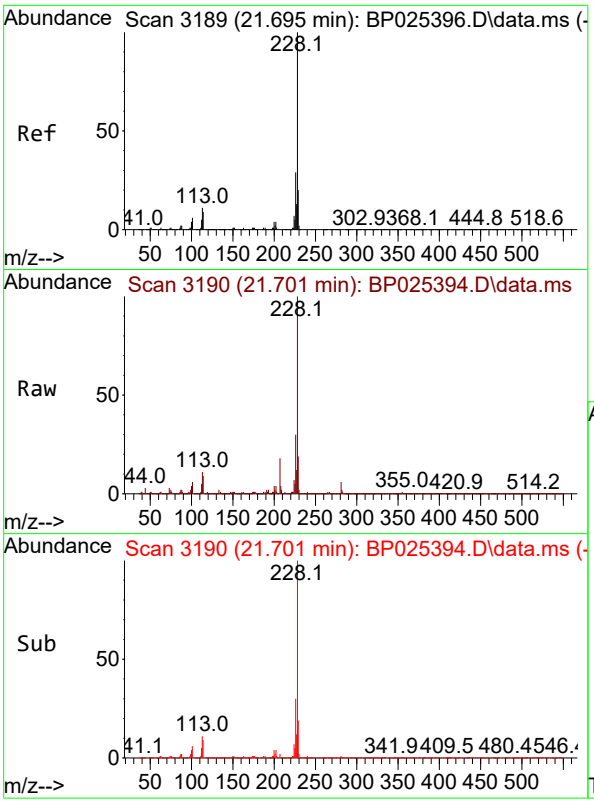


#82
3,3'-Dichlorobenzidine
Concen: 9.686 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 207153

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.8	77.6
126	11.7	9.1	13.7

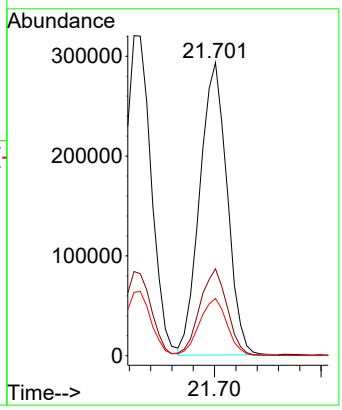




#83
Chrysene
Concen: 9.831 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:228 Resp: 52241

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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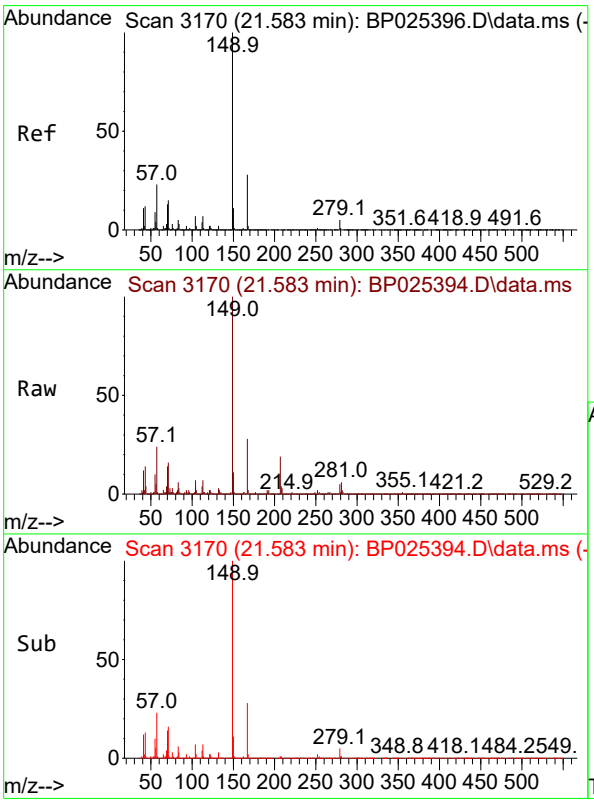
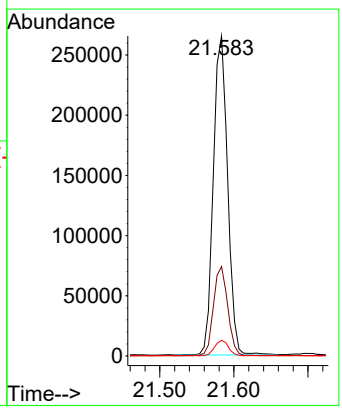
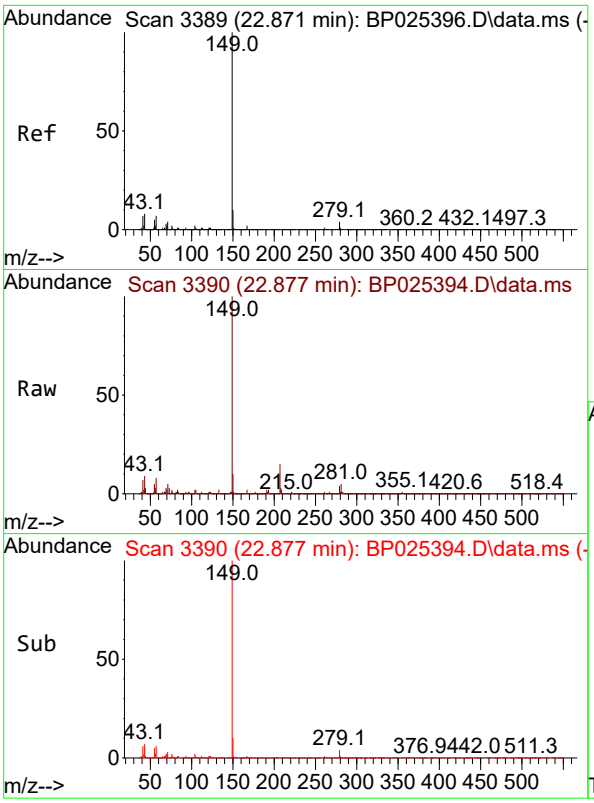


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.529 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 355530

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	4.9	3.8	5.6

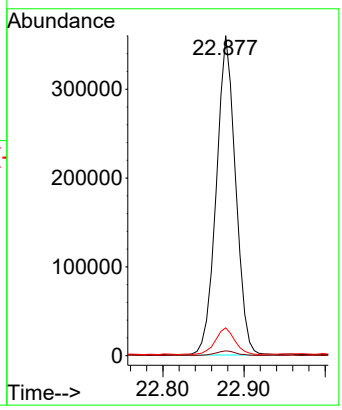




#85
Di-n-octyl phthalate
Concen: 9.259 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 59419

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.4	6.3	9.5



Instrument :
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ClientSampleId :
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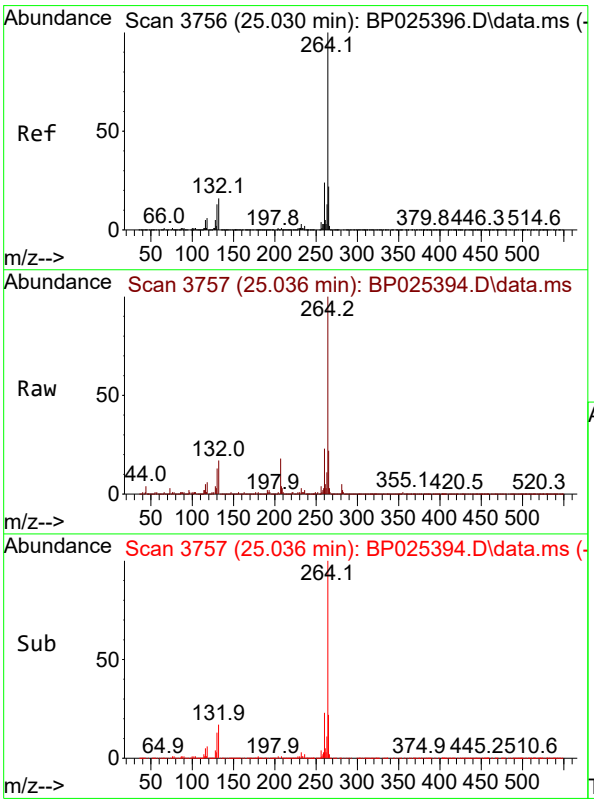
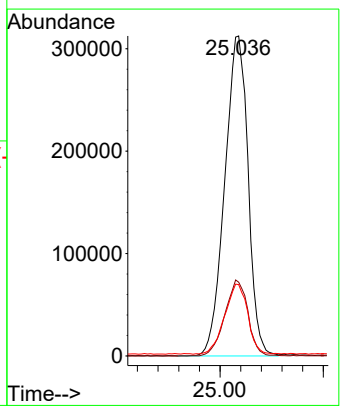
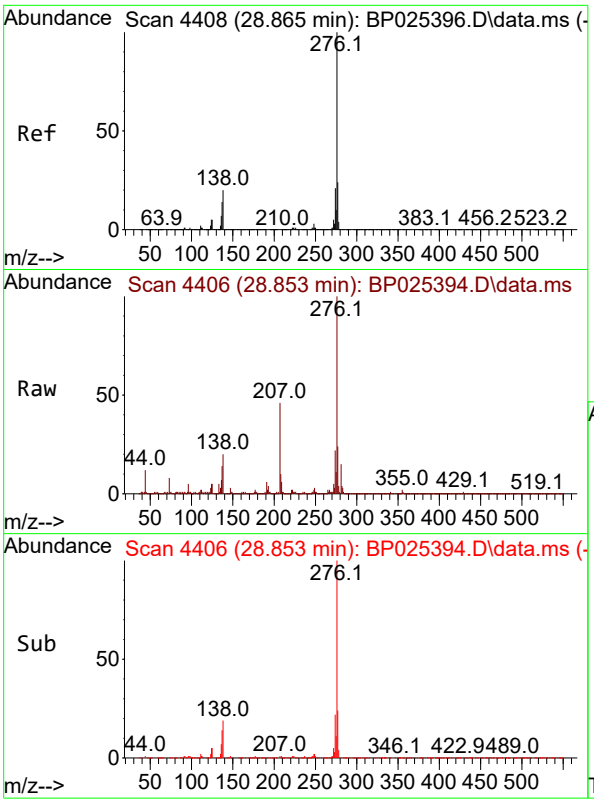


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:264 Resp: 980670

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	22.3	17.4	26.0

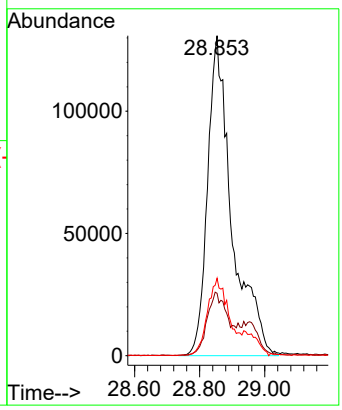




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.438 ng m
RT: 28.853 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:276 Resp: 67898

Ion	Ratio	Lower	Upper
276	100		
138	16.7	12.9	19.3
277	21.1	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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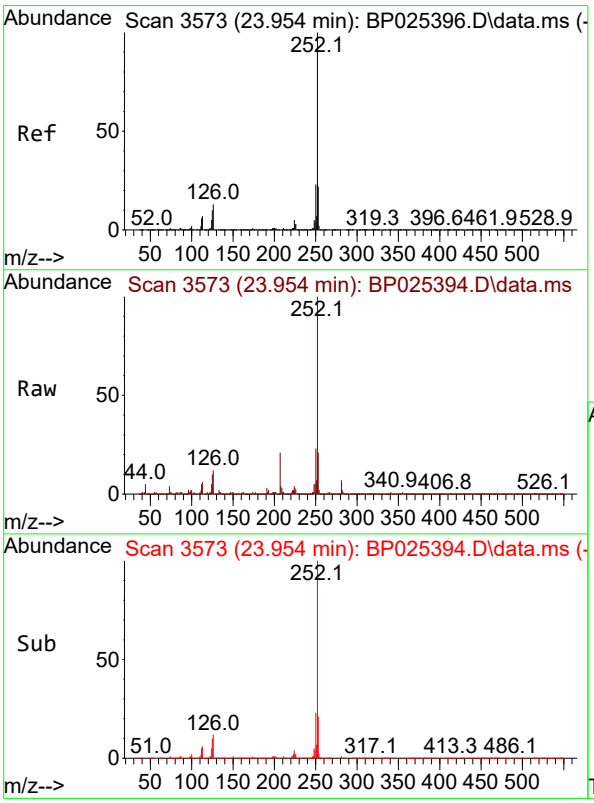
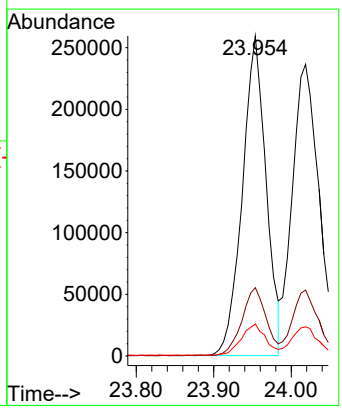
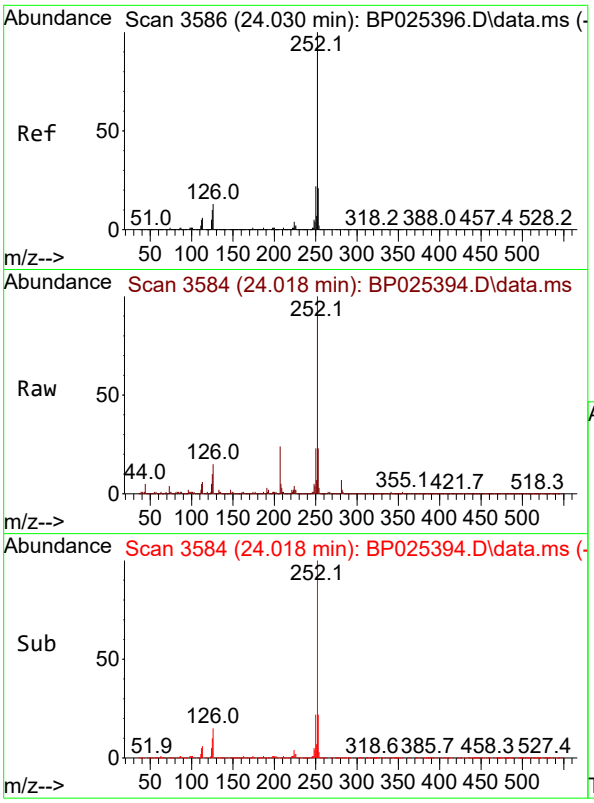


#88
Benzo(b)fluoranthene
Concen: 9.549 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 552191

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	10.0	7.9	11.9

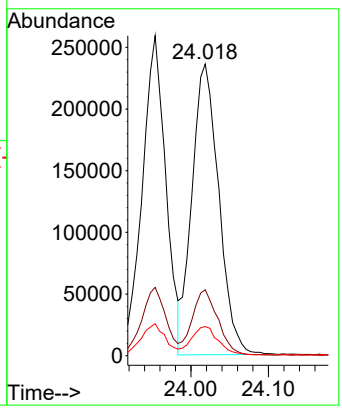




#89
Benzo(k)fluoranthene
Concen: 9.800 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 56708

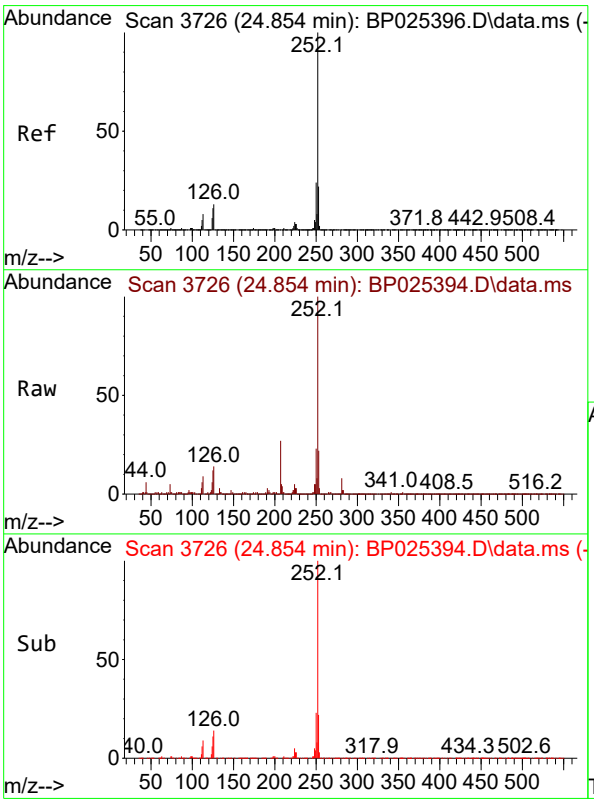
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	10.0	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

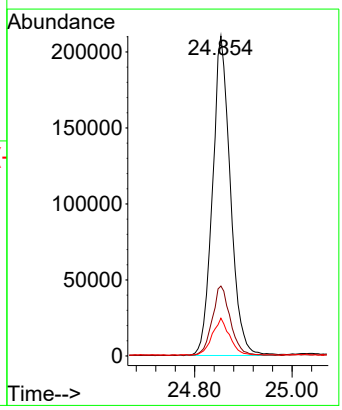
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

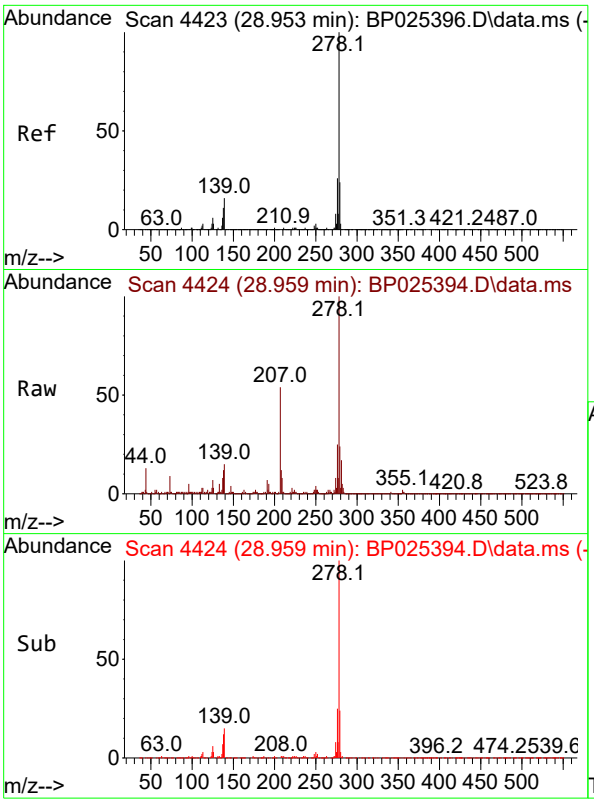


#90
Benzo(a)pyrene
Concen: 9.519 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 535820

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.8	8.7	13.1

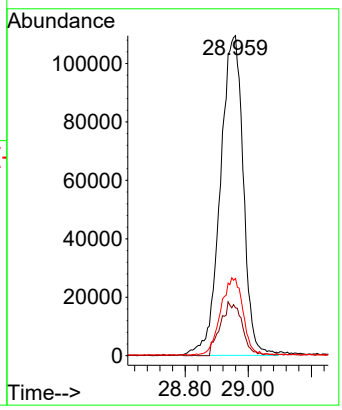




#91
Dibenzo(a,h)anthracene
Concen: 9.387 ng
RT: 28.959 min Scan# 44
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:278 Resp: 55169

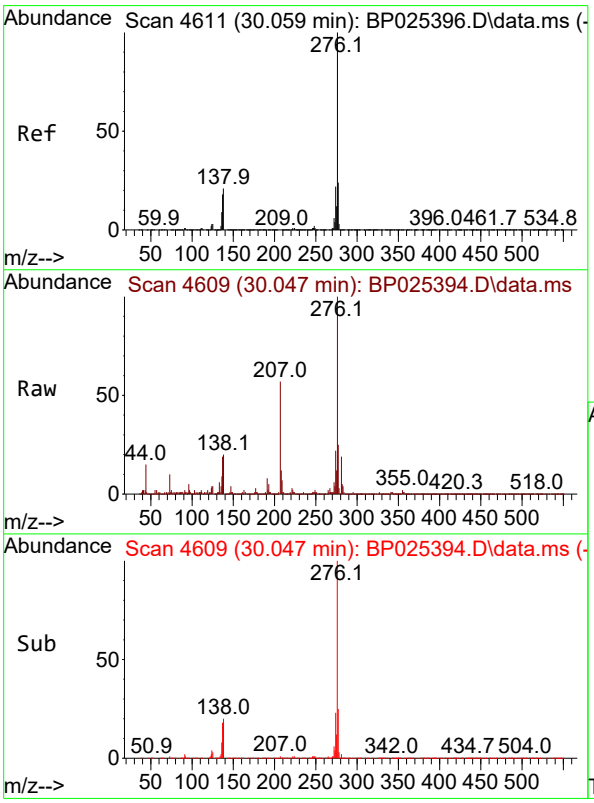
Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.4
279	24.2	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

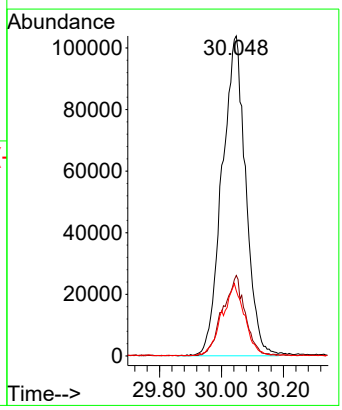
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 9.489 ng
RT: 30.047 min Scan# 4609
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:276 Resp: 548117

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.0
138	20.4	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	141721	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	603797	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	399034	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	785736	20.000	ng		0.01
76) Chrysene-d12	21.654	240	852065	20.000	ng		0.00
86) Perylene-d12	25.036	264	958651	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	338568	39.674	ng		0.00
7) Phenol-d6	6.966	99	434388	39.702	ng		0.00
23) Nitrobenzene-d5	8.931	82	473937	39.706	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	212968	39.651	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	1203064	41.205	ng		0.00
79) Terphenyl-d14	19.930	244	1869951	40.152	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	67276	20.126	ng		99
3) Pyridine	3.731	79	177948	19.450	ng		98
4) n-Nitrosodimethylamine	3.637	42	72627	19.255	ng	#	96
6) Aniline	7.125	93	287645	19.513	ng		99
8) 2-Chlorophenol	7.366	128	190858	19.819	ng		99
9) Benzaldehyde	6.937	77	135464	17.672	ng		99
10) Phenol	6.990	94	228580	19.910	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	180390	20.159	ng		98
12) 1,3-Dichlorobenzene	7.684	146	213023	20.061	ng		99
13) 1,4-Dichlorobenzene	7.825	146	216400	19.938	ng		99
14) 1,2-Dichlorobenzene	8.143	146	211243	20.106	ng		99
15) Benzyl Alcohol	8.019	79	170736	19.640	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	242616	20.240	ng		99
17) 2-Methylphenol	8.225	107	159119	19.956	ng		98
18) Hexachloroethane	8.866	117	78205	19.597	ng		94
19) n-Nitroso-di-n-propyla...	8.584	70	149715	20.633	ng		97
20) 3+4-Methylphenols	8.543	107	217240	19.655	ng		98
22) Acetophenone	8.596	105	305812	20.196	ng		99
24) Nitrobenzene	8.972	77	210234	19.708	ng		100
25) Isophorone	9.496	82	422370	19.995	ng		99
26) 2-Nitrophenol	9.678	139	106805	19.509	ng		98
27) 2,4-Dimethylphenol	9.743	122	178534	18.963	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	256656	20.100	ng		99
29) 2,4-Dichlorophenol	10.207	162	186076	19.896	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	201995	19.702	ng		98
31) Naphthalene	10.613	128	625899	19.944	ng		99
32) Benzoic acid	9.843	122	124836m	18.004	ng		
33) 4-Chloroaniline	10.713	127	270158	19.489	ng		99
34) Hexachlorobutadiene	10.901	225	127593	19.983	ng		99
35) Caprolactam	11.484	113	66168	19.294	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	209817	19.551	ng		97
37) 2-Methylnaphthalene	12.219	142	409613	20.057	ng		99
38) 1-Methylnaphthalene	12.443	142	430666	19.829	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	233523	20.263	ng		99
41) Hexachlorocyclopentadiene	12.572	237	124759	17.922	ng		98
43) 2,4,6-Trichlorophenol	12.831	196	152031	19.540	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	169197	19.842	ng	98
46) 1,1'-Biphenyl	13.237	154	581464	20.064	ng	100
47) 2-Chloronaphthalene	13.272	162	456552	20.237	ng	98
48) 2-Nitroaniline	13.478	65	126433	19.233	ng	99
49) Acenaphthylene	14.137	152	737527	19.756	ng	99
50) Dimethylphthalate	13.866	163	573661	19.632	ng	100
51) 2,6-Dinitrotoluene	13.966	165	120693	19.597	ng	96
52) Acenaphthene	14.484	154	438852m	20.027	ng	
53) 3-Nitroaniline	14.301	138	134502	19.410	ng	97
54) 2,4-Dinitrophenol	14.519	184	55713	16.939	ng	98
55) Dibenzofuran	14.819	168	692966	20.002	ng	99
56) 4-Nitrophenol	14.619	139	105787	18.578	ng	98
57) 2,4-Dinitrotoluene	14.772	165	172020	19.576	ng	96
58) Fluorene	15.478	166	554647	20.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.048	232	145926	19.381	ng	99
60) Diethylphthalate	15.248	149	584590	19.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	270949	19.929	ng	98
62) 4-Nitroaniline	15.478	138	139202	19.595	ng	100
63) Azobenzene	15.766	77	508563	20.004	ng	100
65) 4,6-Dinitro-2-methylph...	15.548	198	88992	18.169	ng	97
66) n-Nitrosodiphenylamine	15.684	169	477080	19.911	ng	99
67) 4-Bromophenyl-phenylether	16.389	248	170738	19.758	ng	97
68) Hexachlorobenzene	16.495	284	199410	19.906	ng	99
69) Atrazine	16.666	200	179513	20.006	ng	99
70) Pentachlorophenol	16.848	266	120958	19.128	ng	99
71) Phenanthrene	17.254	178	872890	20.223	ng	99
72) Anthracene	17.342	178	890292	20.198	ng	100
73) Carbazole	17.625	167	843970	20.328	ng	99
74) Di-n-butylphthalate	18.219	149	1046709	20.491	ng	100
75) Fluoranthene	19.342	202	1058912	20.567	ng	99
77) Benzidine	19.525	184	546647	18.799	ng	99
78) Pyrene	19.713	202	1096965	19.807	ng	99
80) Butylbenzylphthalate	20.666	149	504019	20.081	ng	97
81) Benzo(a)anthracene	21.630	228	1118590	19.906	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	432075	20.399	ng	100
83) Chrysene	21.707	228	1063898	20.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	744704	20.155	ng	99
85) Di-n-octyl phthalate	22.871	149	1276798	20.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	1380331m	19.627	ng	
88) Benzo(b)fluoranthene	23.948	252	1122408	19.855	ng	100
89) Benzo(k)fluoranthene	24.018	252	1150366	20.336	ng	100
90) Benzo(a)pyrene	24.854	252	1102804	20.041	ng	100
91) Dibenzo(a,h)anthracene	28.965	278	1130209	19.672	ng	98
92) Benzo(g,h,i)perylene	30.053	276	1120307	19.840	ng	99

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

ICAL Form

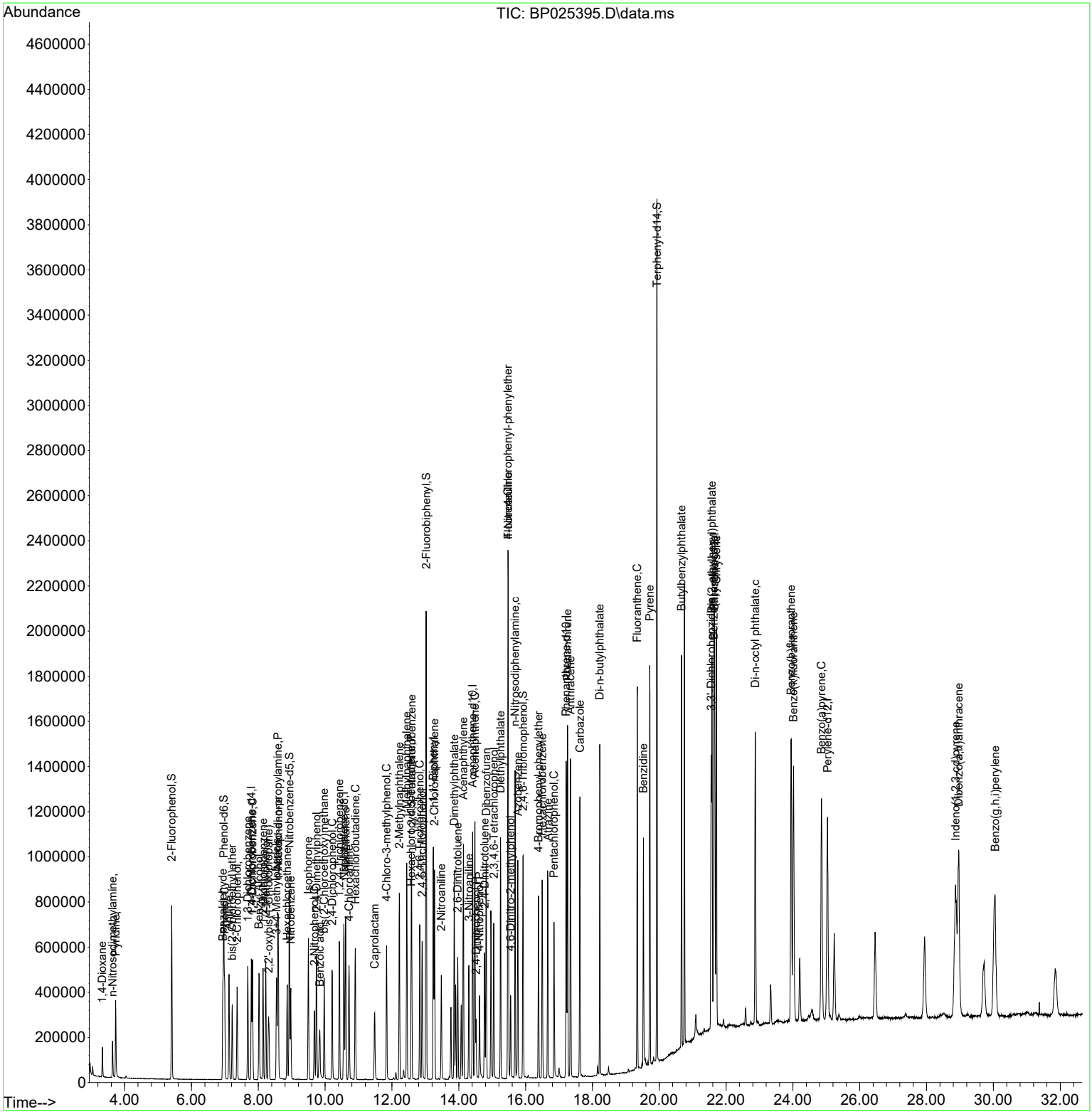
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

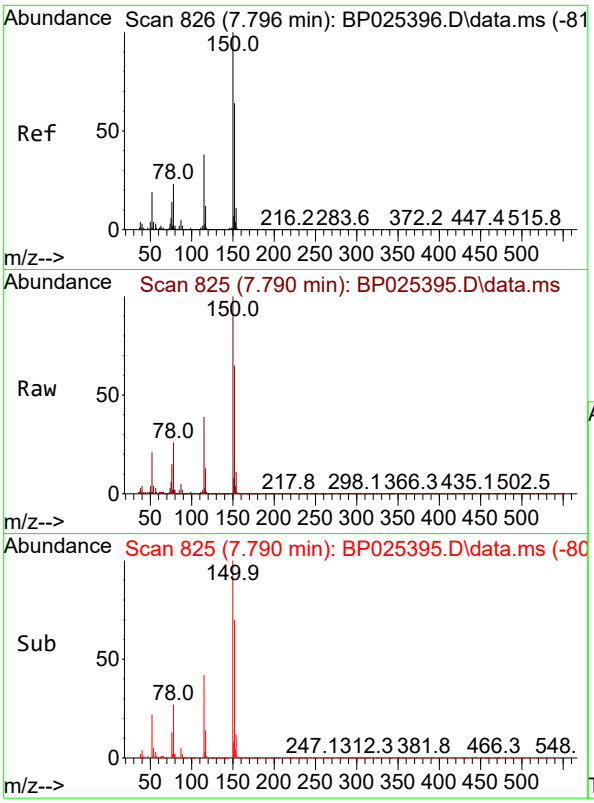
Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

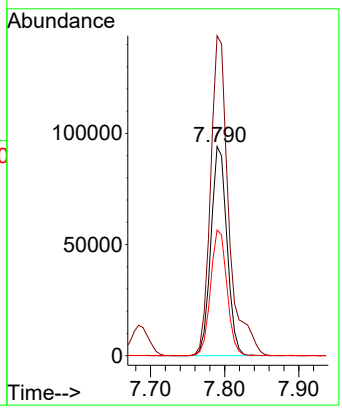




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:152 Resp: 14172

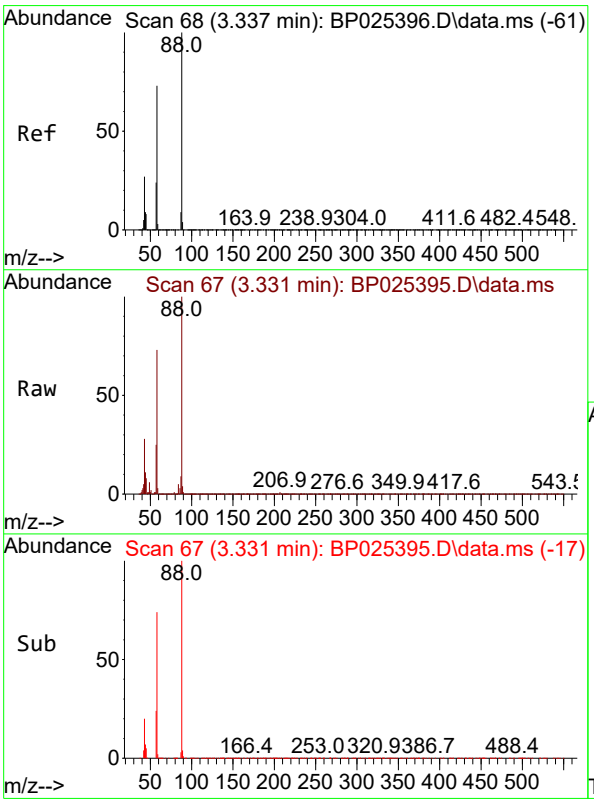
Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.9	188.9
115	60.0	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

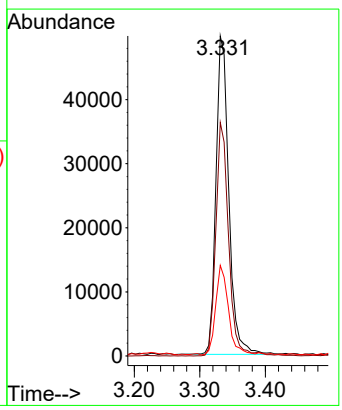
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

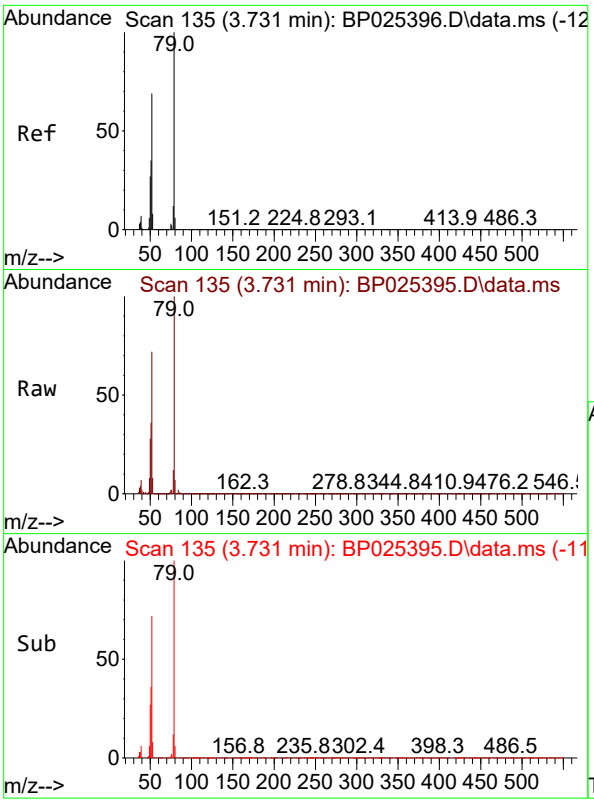


#2
1,4-Dioxane
Concen: 20.126 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 88 Resp: 67276

Ion	Ratio	Lower	Upper
88	100		
58	73.2	59.2	88.8
43	27.9	21.7	32.5

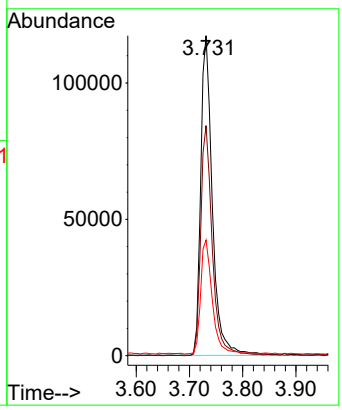




#3
Pyridine
Concen: 19.450 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 79 Resp: 17794

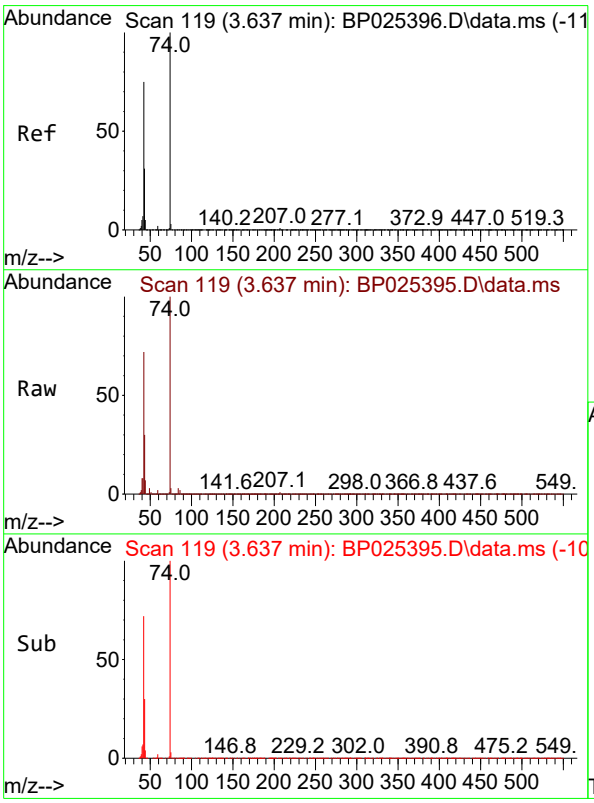
Ion	Ratio	Lower	Upper
79	100		
52	71.9	55.5	83.3
51	36.1	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

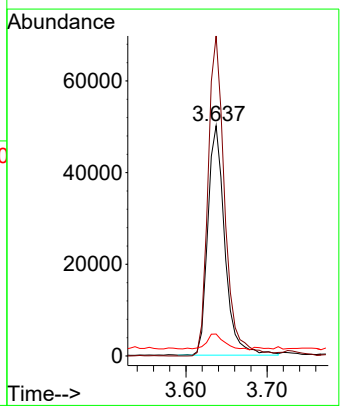
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

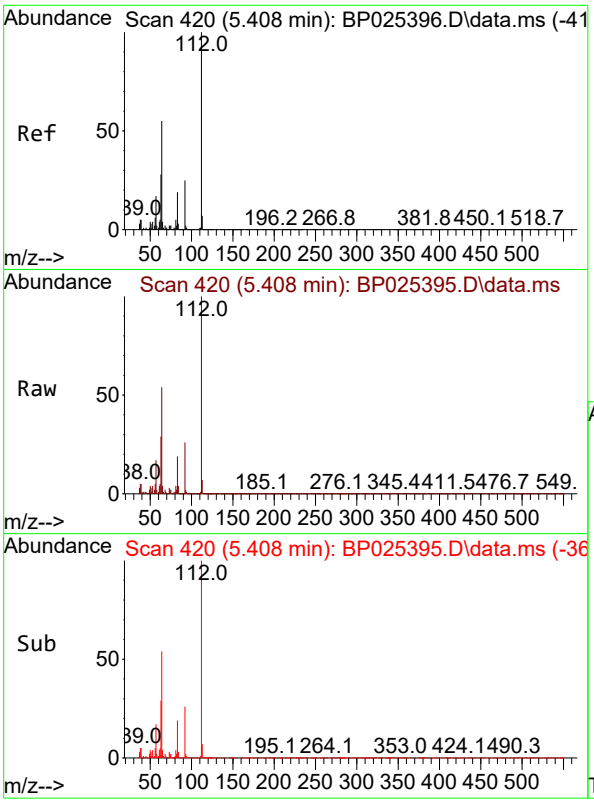


#4
n-Nitrosodimethylamine
Concen: 19.255 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 42 Resp: 72627

Ion	Ratio	Lower	Upper
42	100		
74	138.9	107.0	160.4
44	9.5	6.2	9.4#

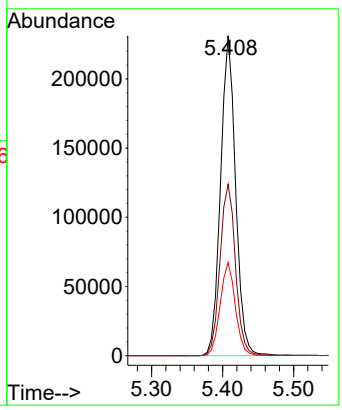




#5
2-Fluorophenol
Concen: 39.674 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:112 Resp: 33856

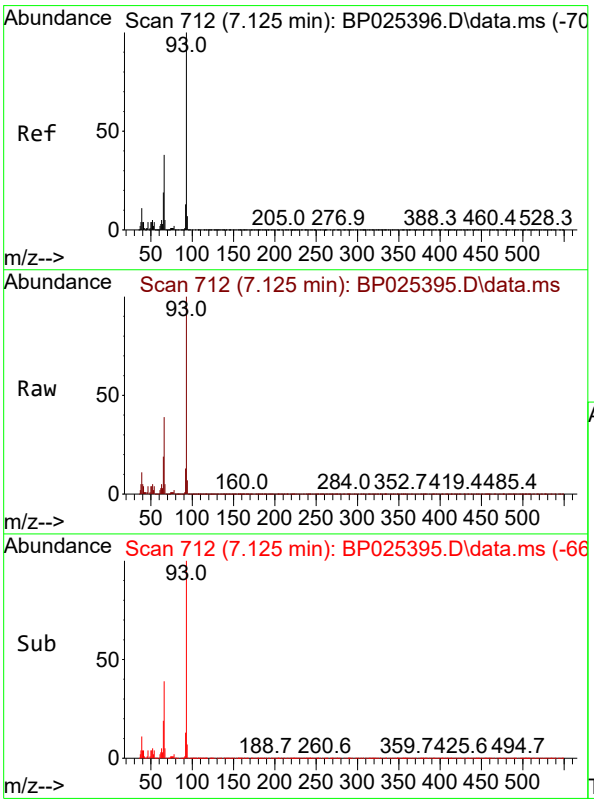
Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.8	65.8
63	29.1	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

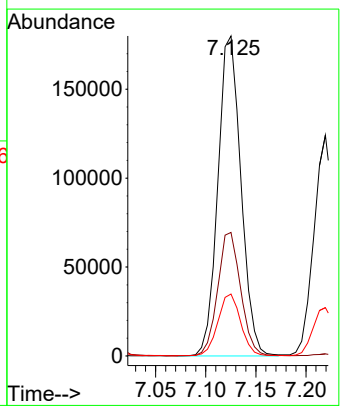
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

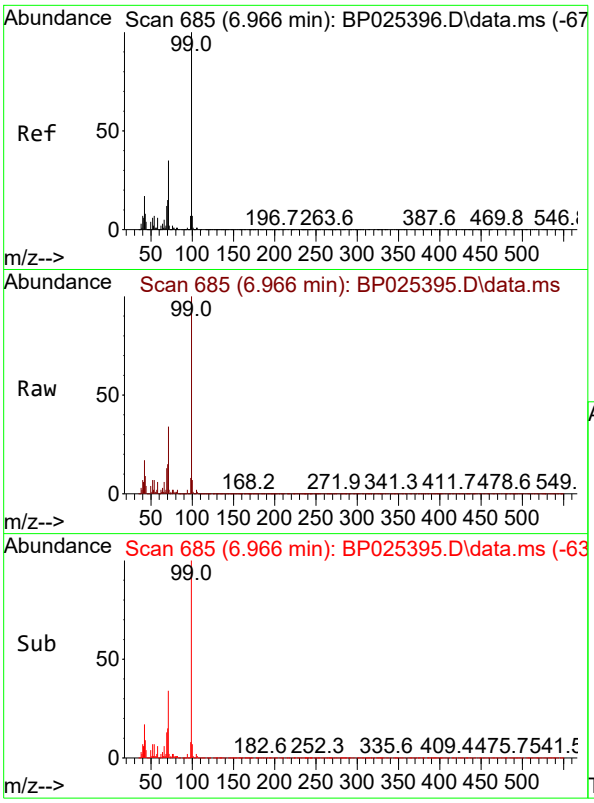


#6
Aniline
Concen: 19.513 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 93 Resp: 287645

Ion	Ratio	Lower	Upper
93	100		
66	38.6	30.4	45.6
65	19.4	15.3	22.9

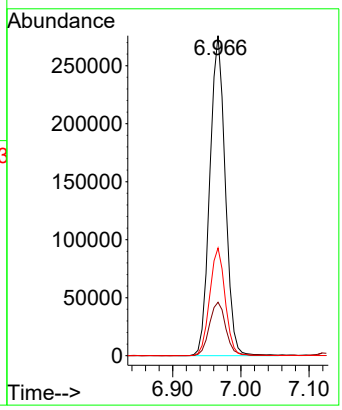




#7
Phenol-d6
Concen: 39.702 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 99 Resp: 43438

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.7	20.5
71	33.7	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
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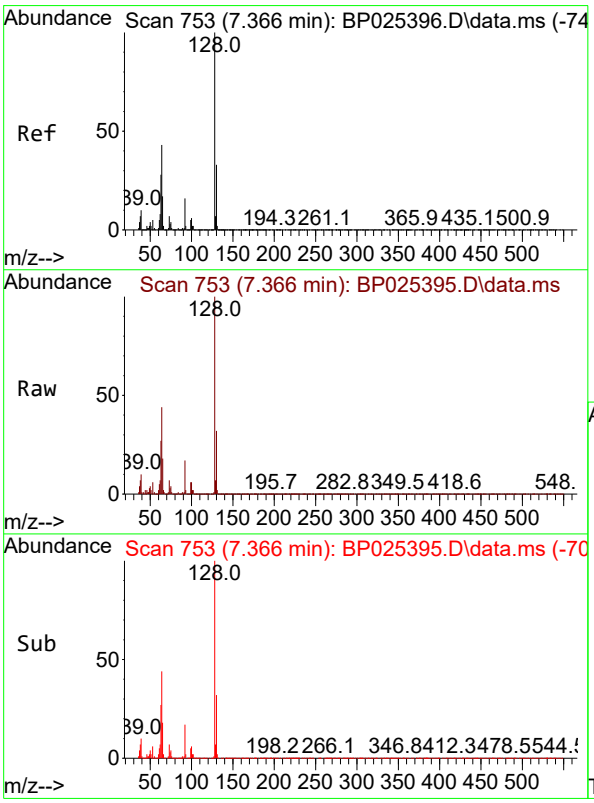
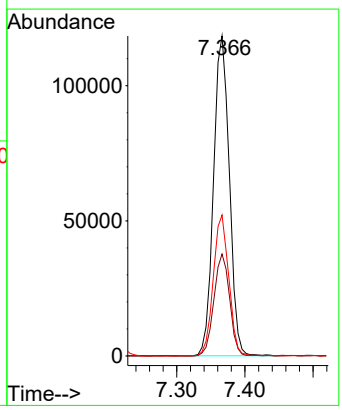
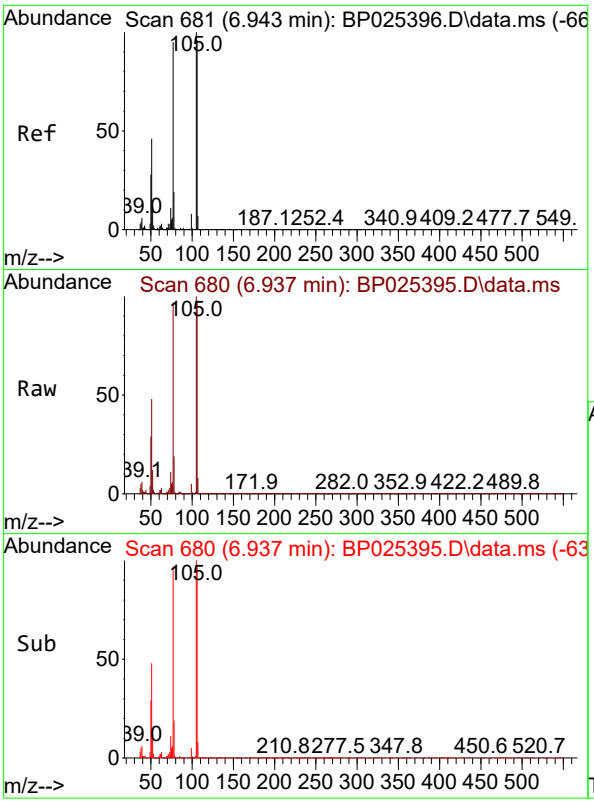


#8
2-Chlorophenol
Concen: 19.819 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:128 Resp: 190858

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.6	52.6
64	44.0	23.4	63.4

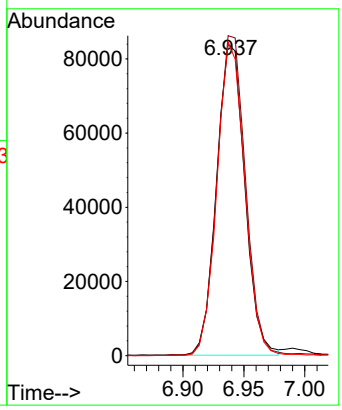




#9
Benzaldehyde
Concen: 17.672 ng
RT: 6.937 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 13546

Ion	Ratio	Lower	Upper
77	100		
105	102.7	84.8	124.8
106	100.6	80.5	120.5



Instrument :
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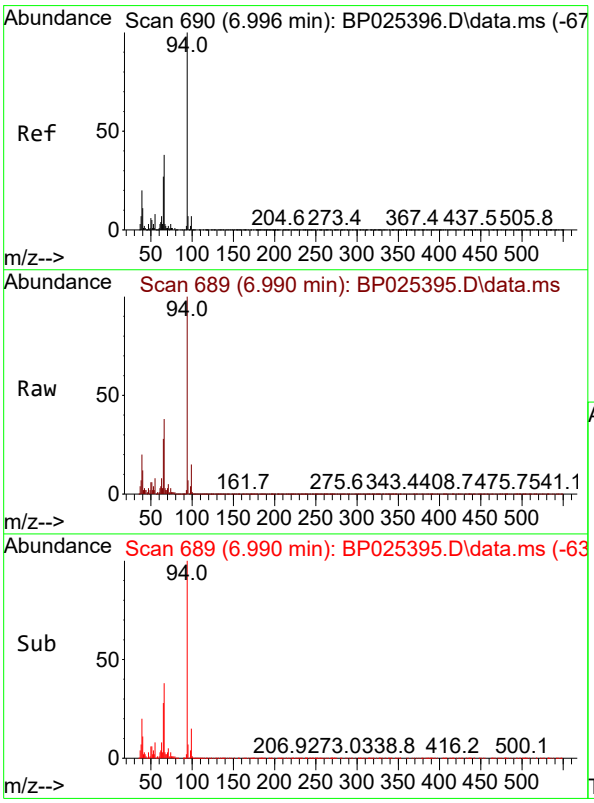
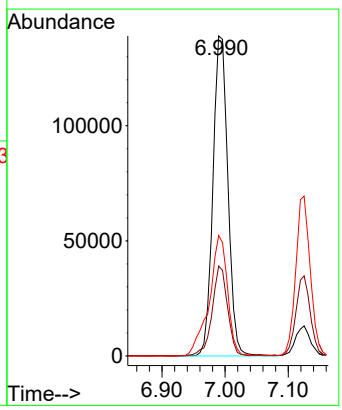
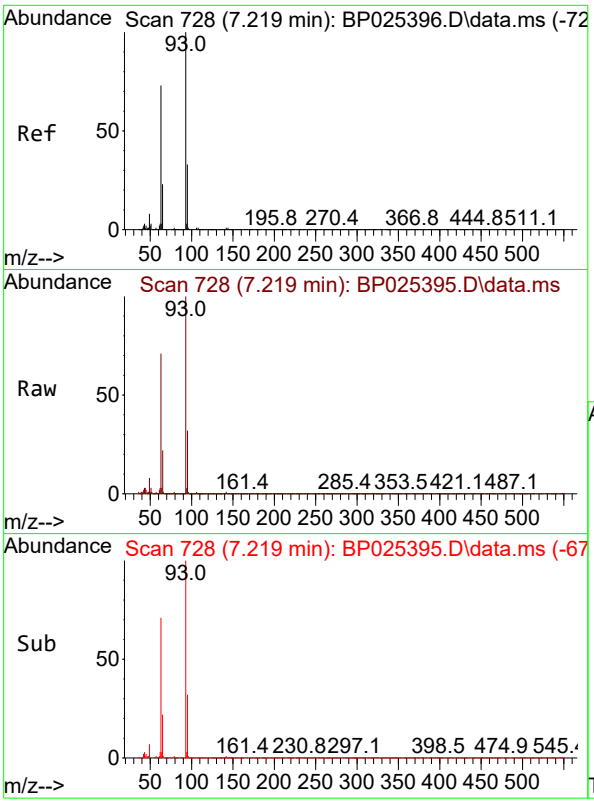


#10
Phenol
Concen: 19.910 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 94 Resp: 228580

Ion	Ratio	Lower	Upper
94	100		
65	28.1	6.8	46.8
66	37.7	18.2	58.2

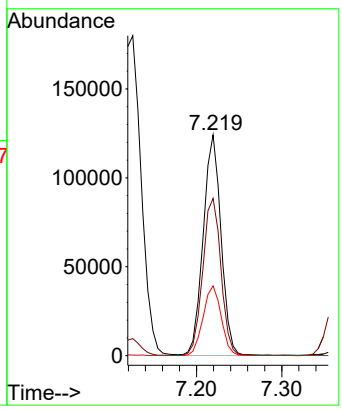




#11
bis(2-Chloroethyl)ether
Concen: 20.159 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 93 Resp: 18039

Ion	Ratio	Lower	Upper
93	100		
63	71.2	52.6	92.6
95	31.6	12.7	52.7



Instrument :
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ClientSampleId :
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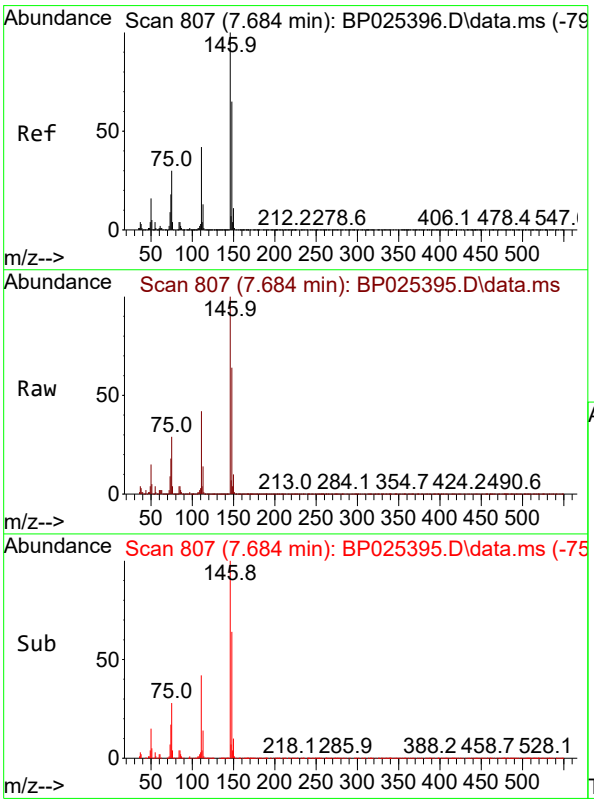
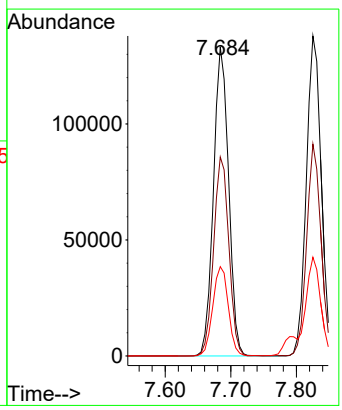
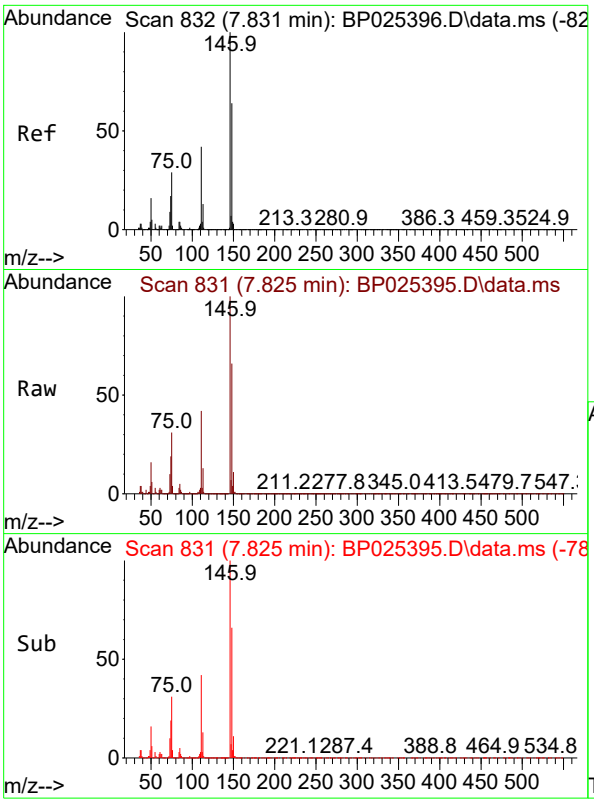


#12
1,3-Dichlorobenzene
Concen: 20.061 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 213023

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	28.9	23.7	35.5

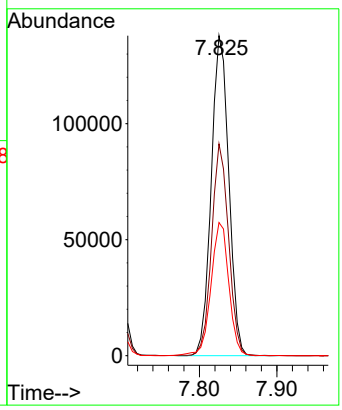




#13
1,4-Dichlorobenzene
Concen: 19.938 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 21640

Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.6	77.4
111	41.6	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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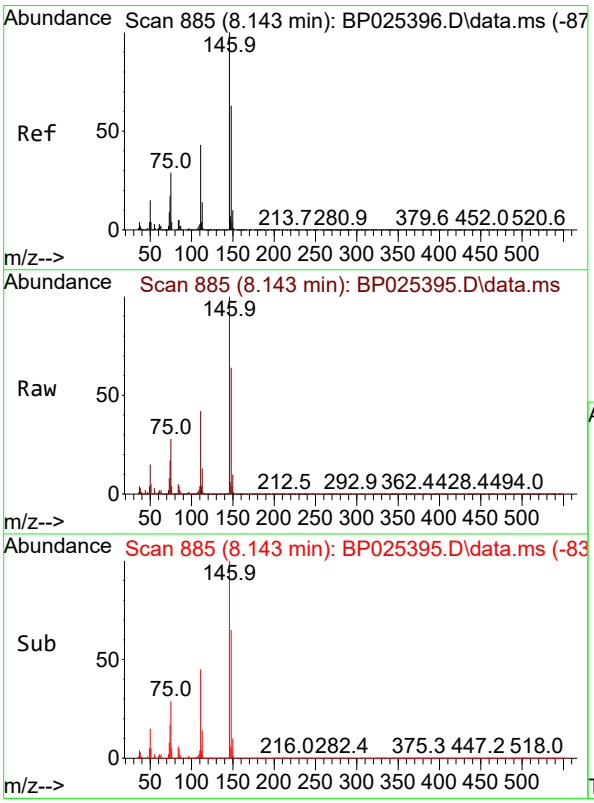
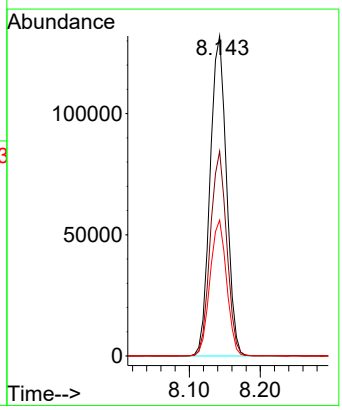
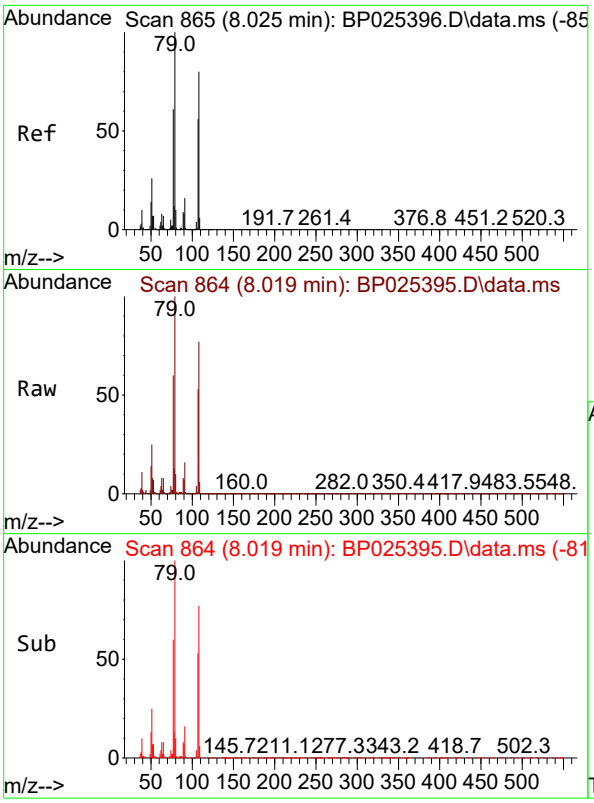


#14
1,2-Dichlorobenzene
Concen: 20.106 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 211243

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	42.4	34.5	51.7

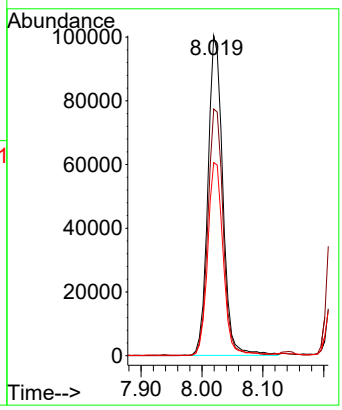




#15
Benzyl Alcohol
Concen: 19.640 ng
RT: 8.019 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 79 Resp: 17073

Ion	Ratio	Lower	Upper
79	100		
108	77.1	63.8	95.6
77	60.3	49.0	73.4



Instrument :
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ClientSampleId :
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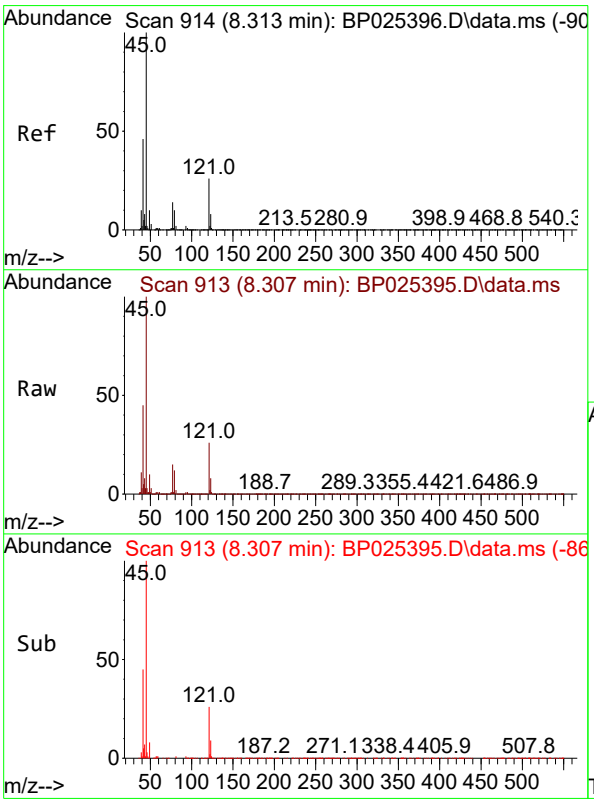
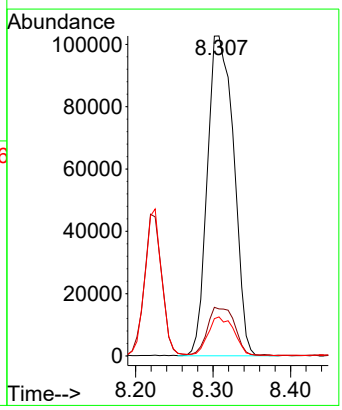
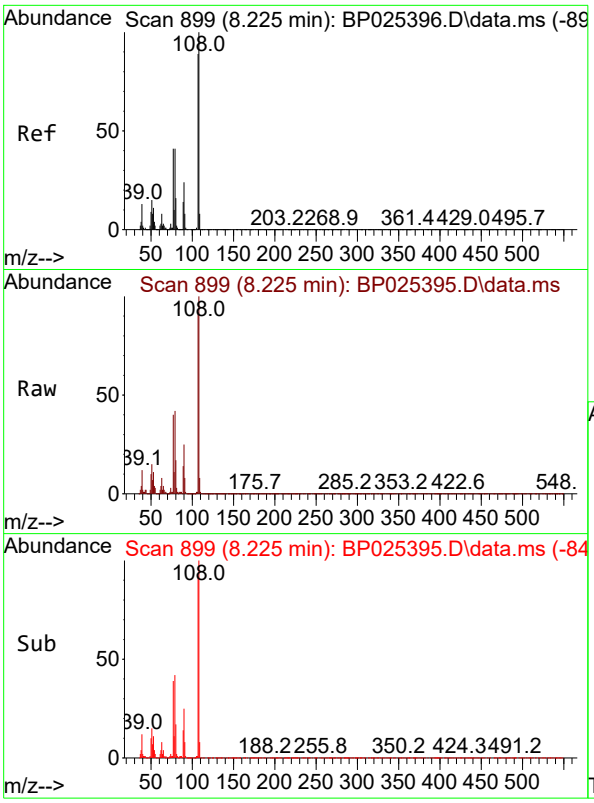


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.240 ng
RT: 8.307 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 45 Resp: 242616

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.3
79	12.2	0.0	31.8

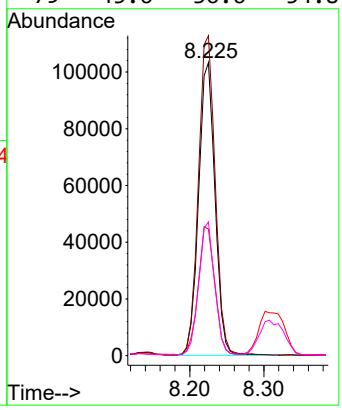




#17
2-Methylphenol
Concen: 19.956 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 15911

Ion	Ratio	Lower	Upper
107	100		
108	109.2	89.4	134.0
77	43.2	36.3	54.5
79	45.6	36.6	54.8



Instrument :
BNA_P
ClientSampleId :
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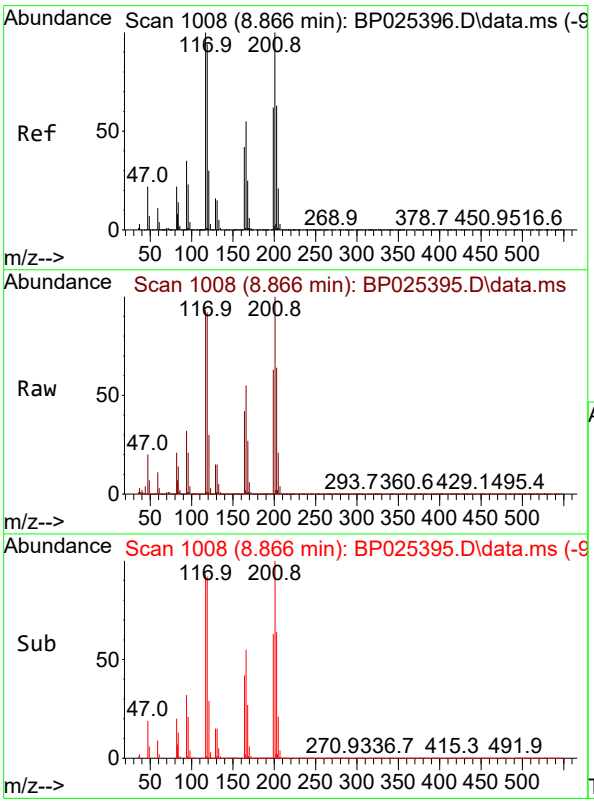
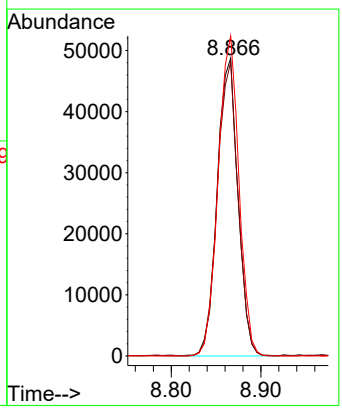
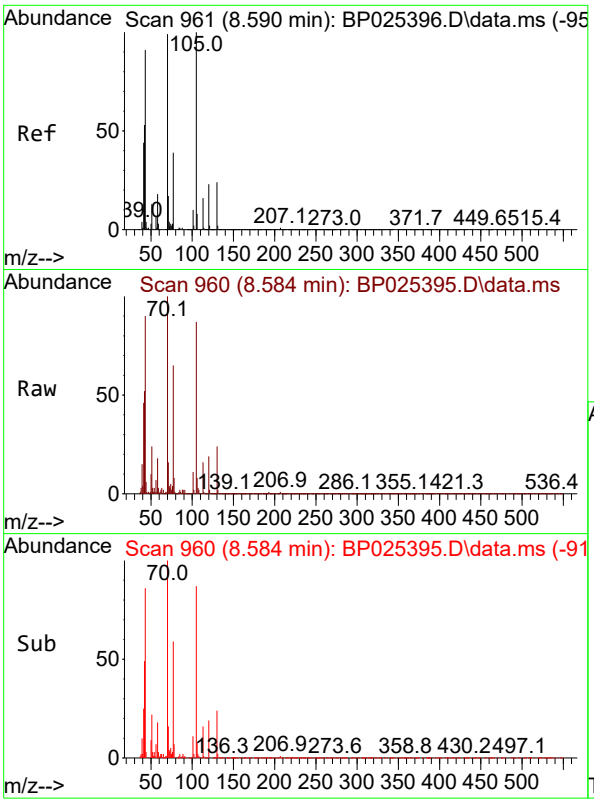


#18
Hexachloroethane
Concen: 19.597 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:117 Resp: 78205

Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.1	112.7
201	107.5	80.1	120.1

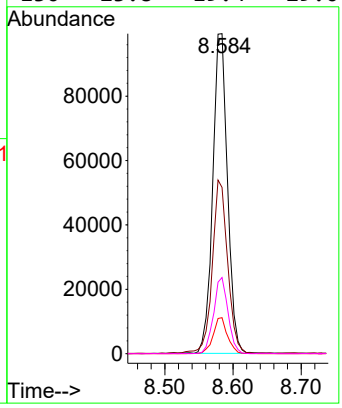




#19
n-Nitroso-di-n-propylamine
Concen: 20.633 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 70 Resp: 14971

Ion	Ratio	Lower	Upper
70	100		
42	52.0	43.8	65.6
101	11.3	8.5	12.7
130	23.8	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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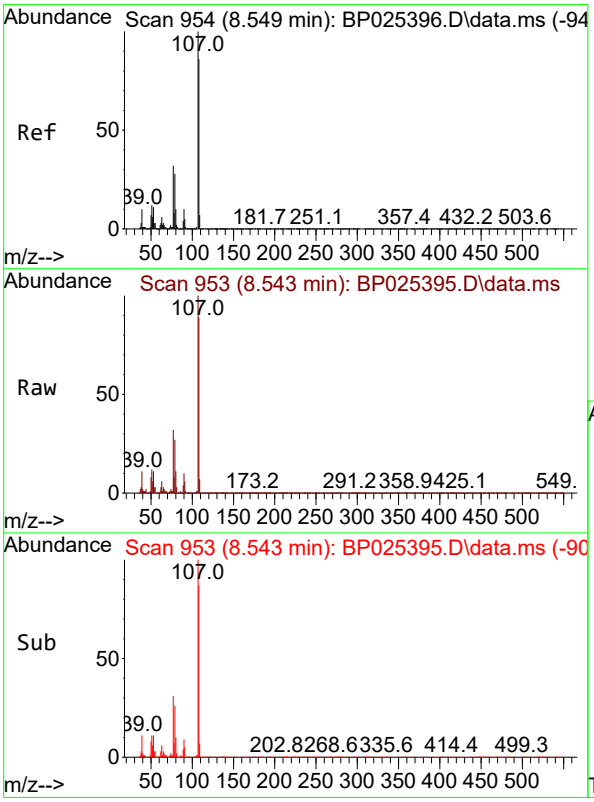
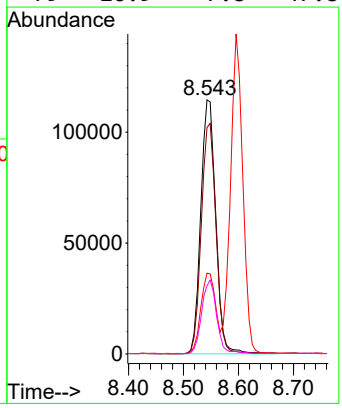
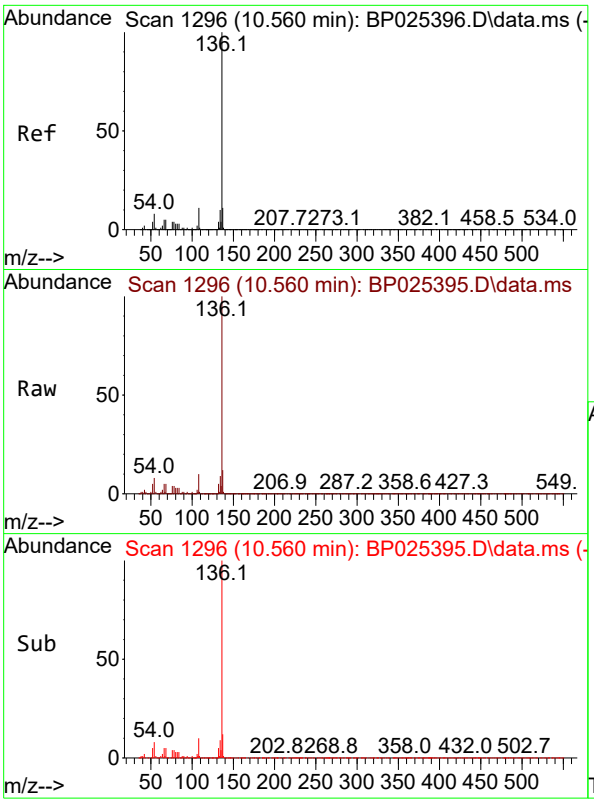


#20
3+4-Methylphenols
Concen: 19.655 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 217240

Ion	Ratio	Lower	Upper
107	100		
108	89.1	66.3	106.3
77	31.8	12.3	52.3
79	26.9	7.8	47.8

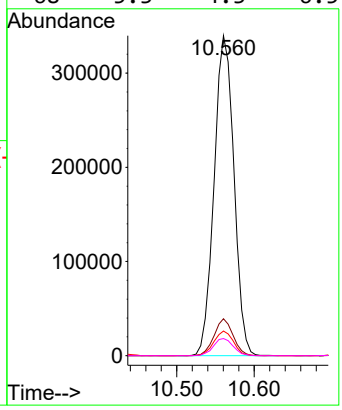




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:136 Resp: 60379

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.7	6.0	9.0
68	5.3	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
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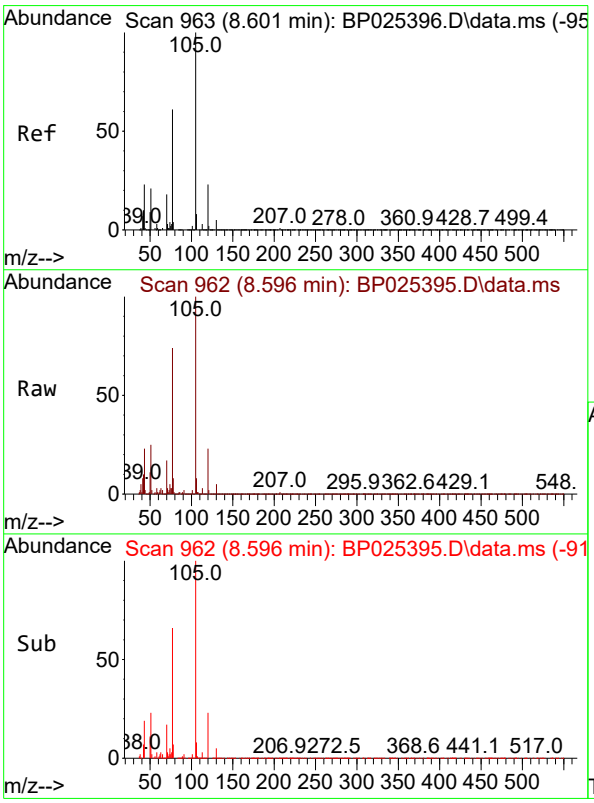
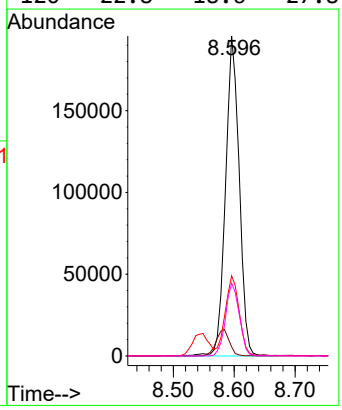
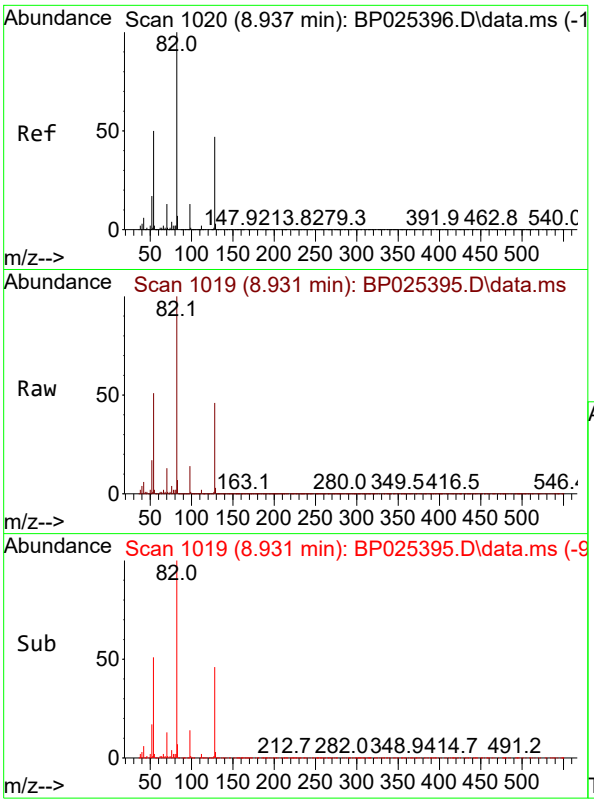


#22
Acetophenone
Concen: 20.196 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:105 Resp: 305812

Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.6	4.0
51	25.0	20.6	30.8
120	22.8	18.6	27.8

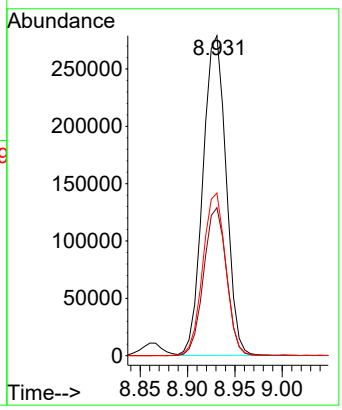




#23
Nitrobenzene-d5
Concen: 39.706 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 82 Resp: 47393

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.7	56.5
54	50.8	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
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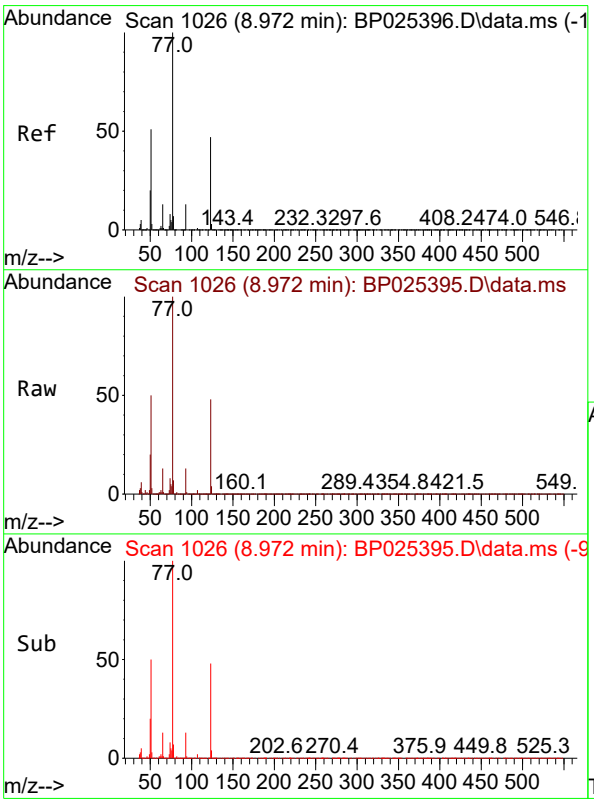
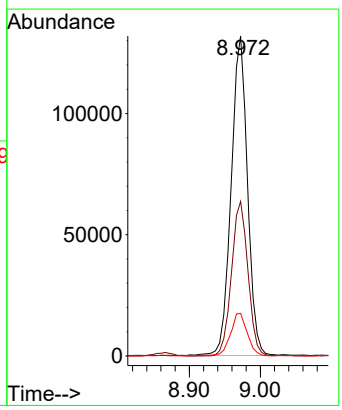
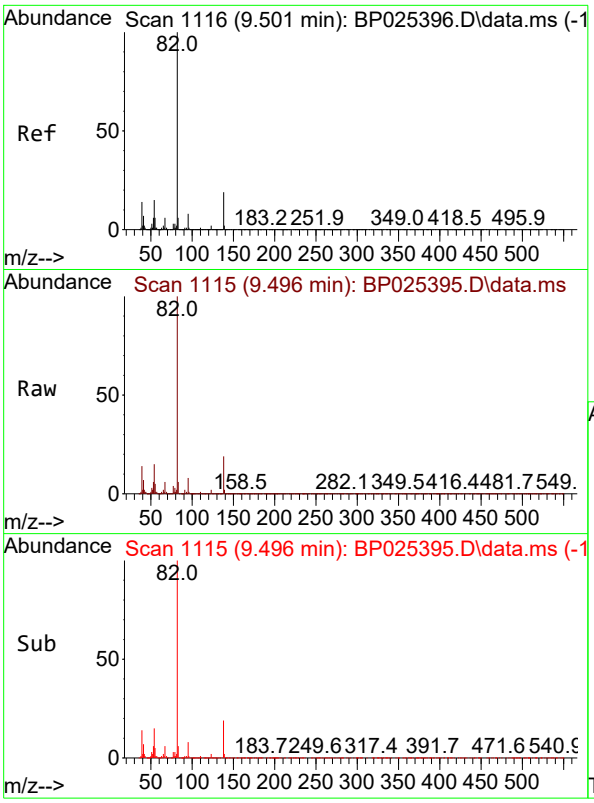


#24
Nitrobenzene
Concen: 19.708 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 210234

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	58.0
65	13.3	10.6	15.8

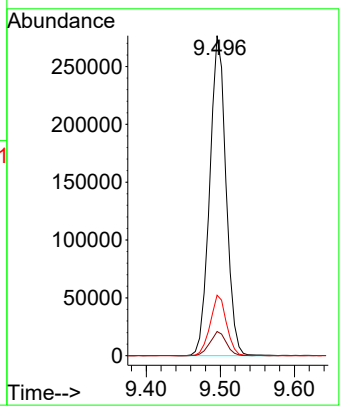




#25
Isophorone
Concen: 19.995 ng
RT: 9.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 82 Resp: 42237

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	18.9	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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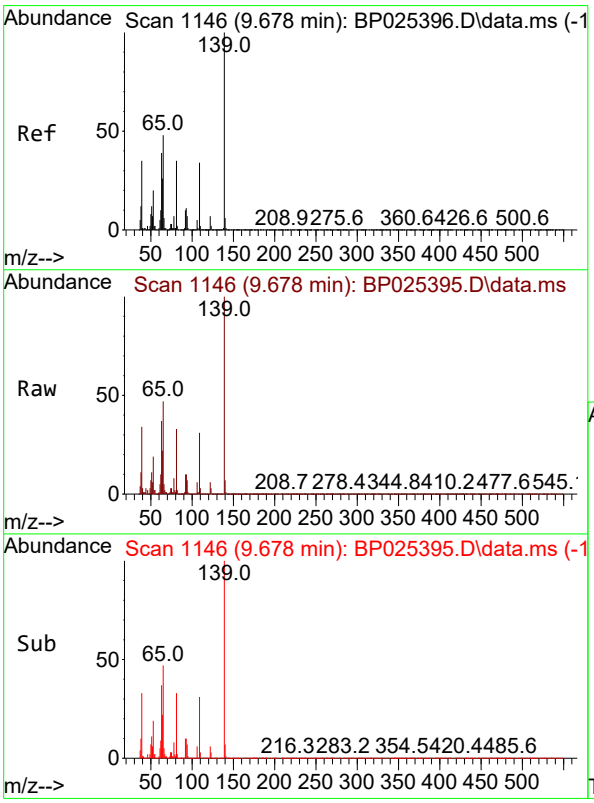
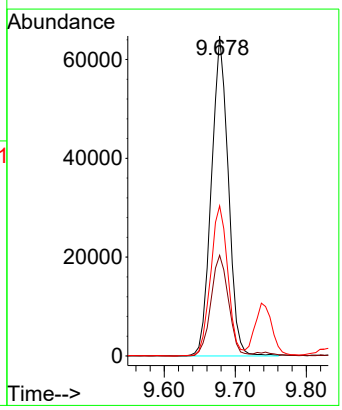
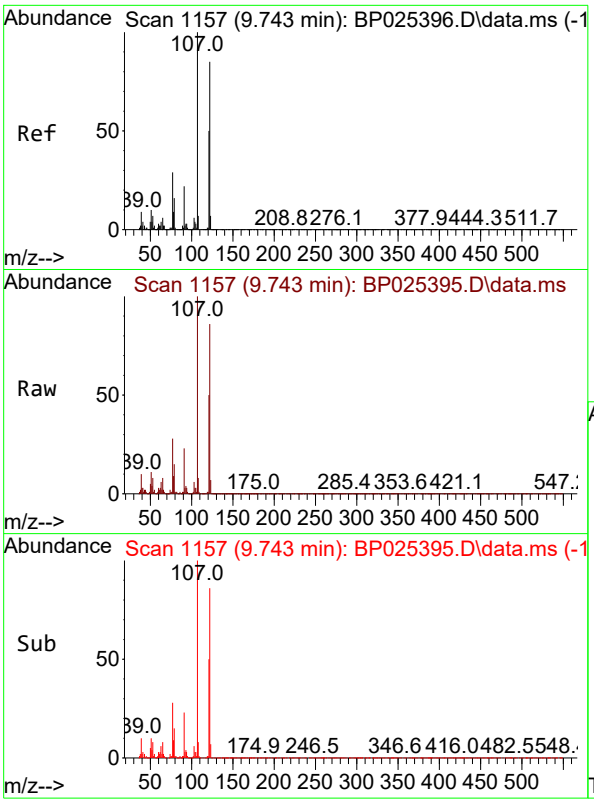


#26
2-Nitrophenol
Concen: 19.509 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:139 Resp: 106805

Ion	Ratio	Lower	Upper
139	100		
109	31.5	26.9	40.3
65	46.9	38.3	57.5

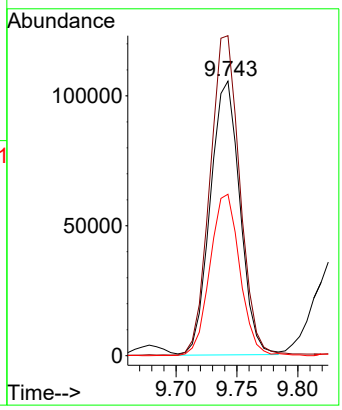




#27
2,4-Dimethylphenol
Concen: 18.963 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:122 Resp: 17853

Ion	Ratio	Lower	Upper
122	100		
107	116.5	93.7	140.5
121	58.8	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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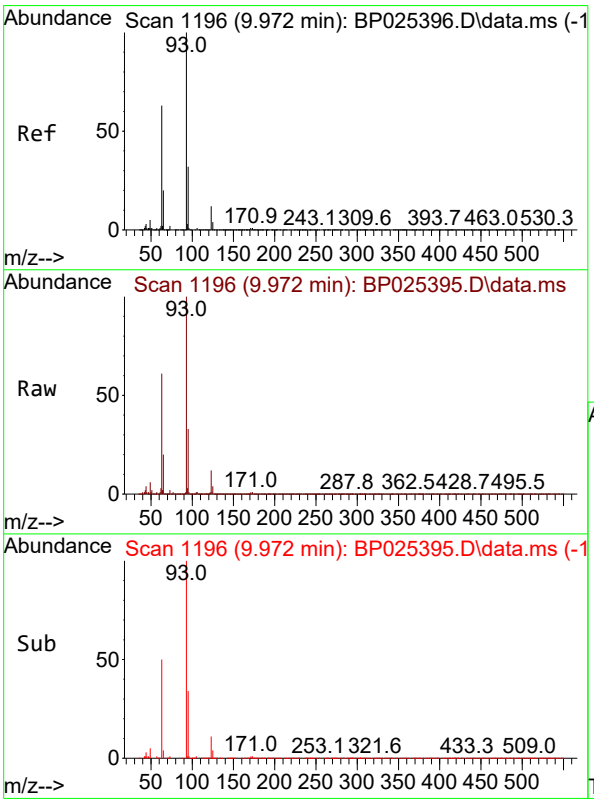
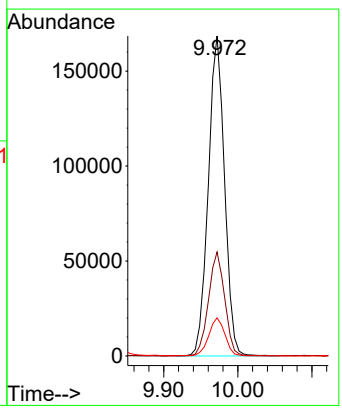
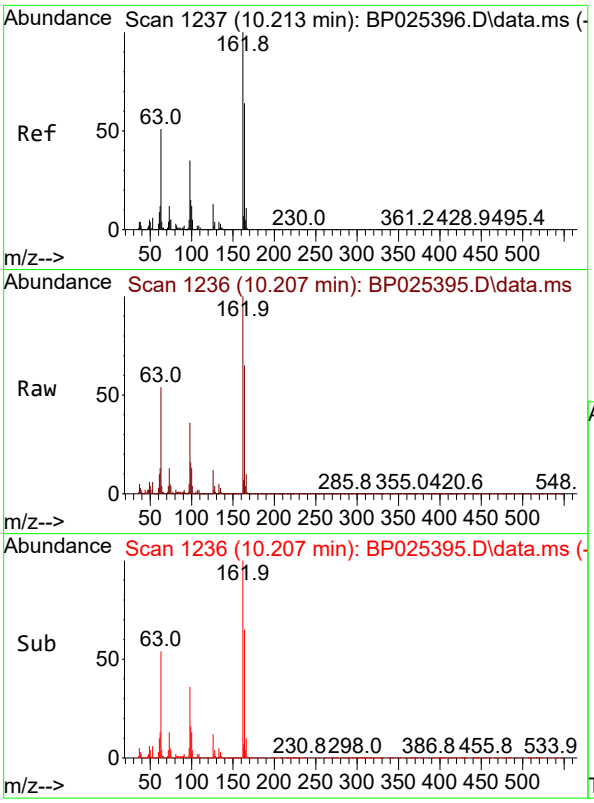


#28
bis(2-Chloroethoxy)methane
Concen: 20.100 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 93 Resp: 256656

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.0
123	11.9	9.4	14.0

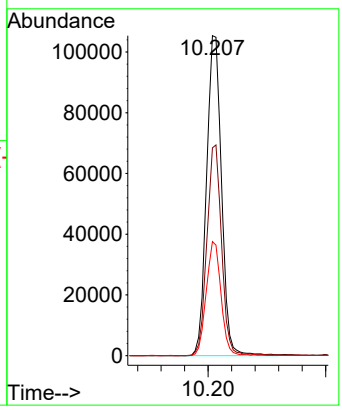




#29
2,4-Dichlorophenol
Concen: 19.896 ng
RT: 10.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:162 Resp: 18607

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.4	84.4
98	35.7	14.9	54.9



Instrument :
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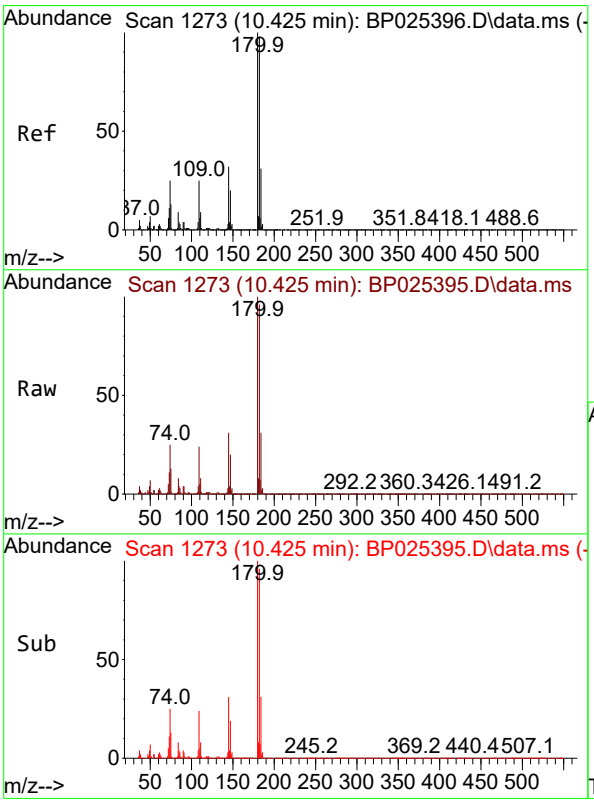
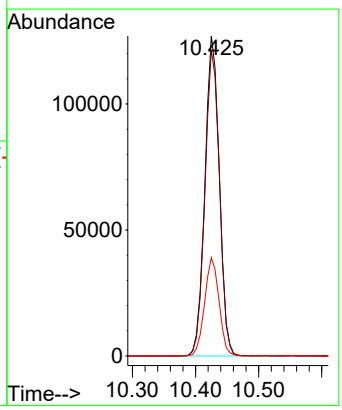
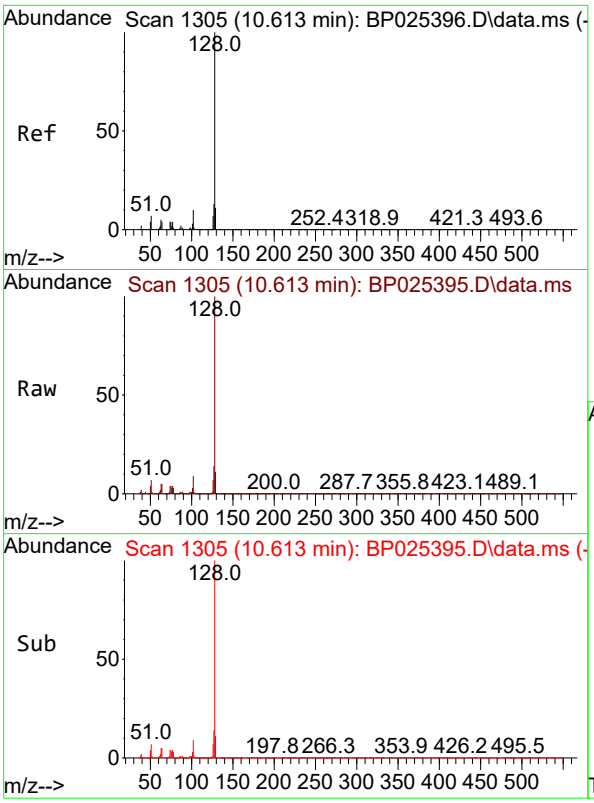


#30
1,2,4-Trichlorobenzene
Concen: 19.702 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:180 Resp: 201995

Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	30.7	25.9	38.9

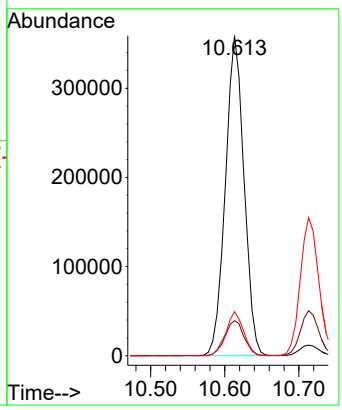




#31
Naphthalene
Concen: 19.944 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:128 Resp: 625899

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.7	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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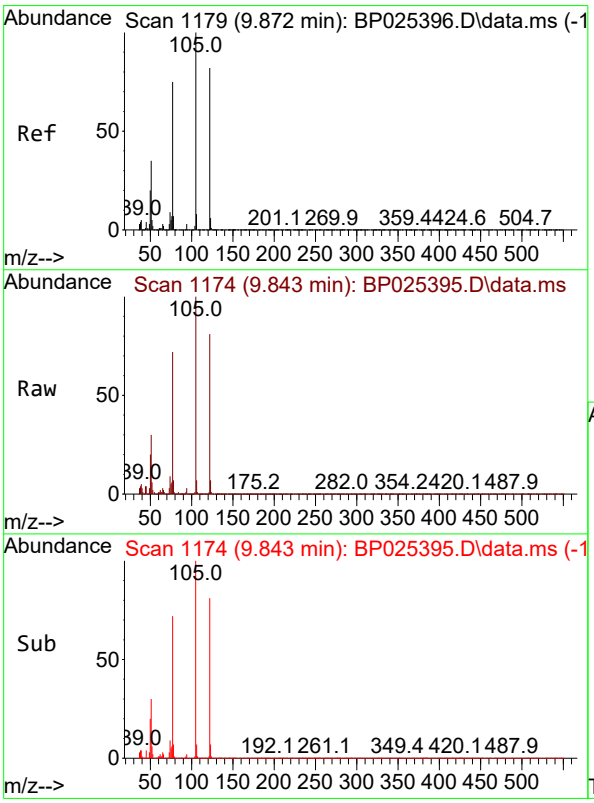
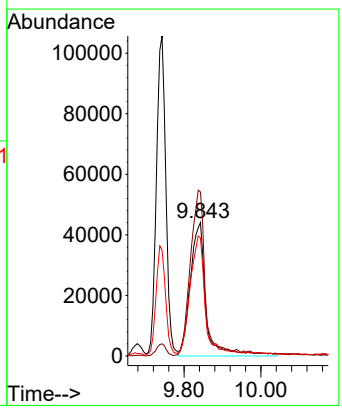
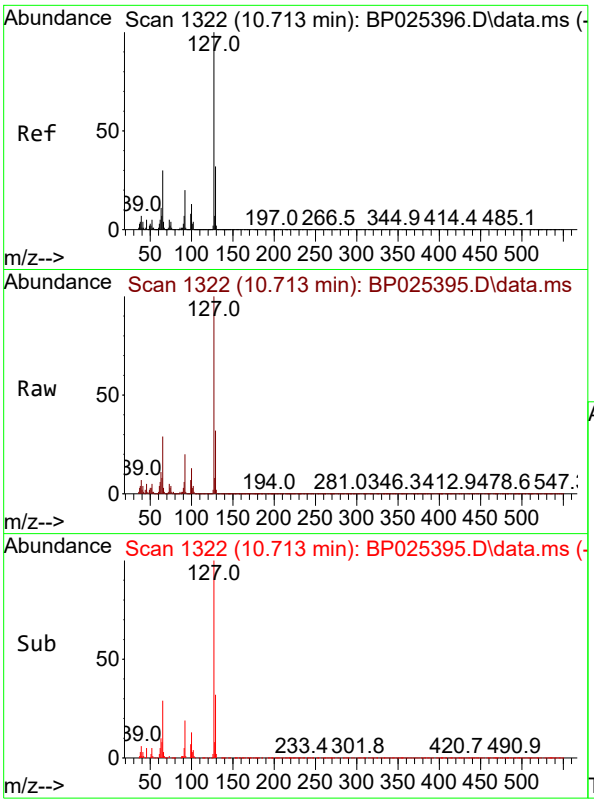


#32
Benzoic acid
Concen: 18.004 ng m
RT: 9.843 min Scan# 1174
Delta R.T. -0.029 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:122 Resp: 124836

Ion	Ratio	Lower	Upper
122	100		
105	122.9	100.6	140.6
77	88.5	71.5	111.5

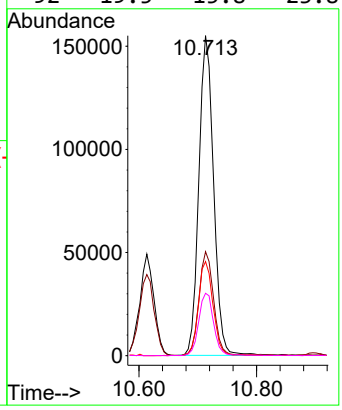




#33
4-Chloroaniline
Concen: 19.489 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:127 Resp: 27015

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	29.4	23.8	35.6
92	19.5	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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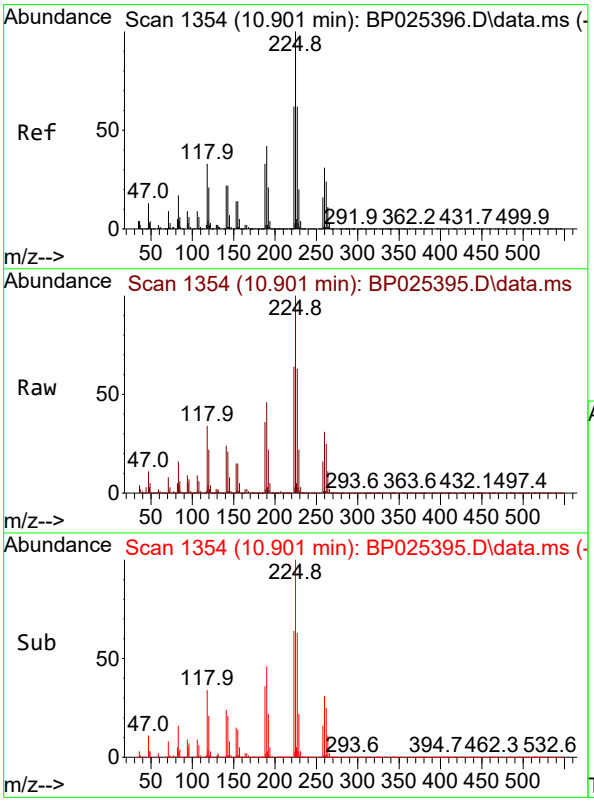
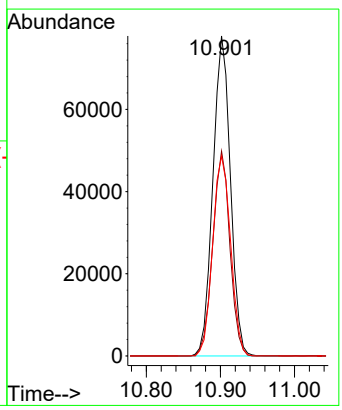
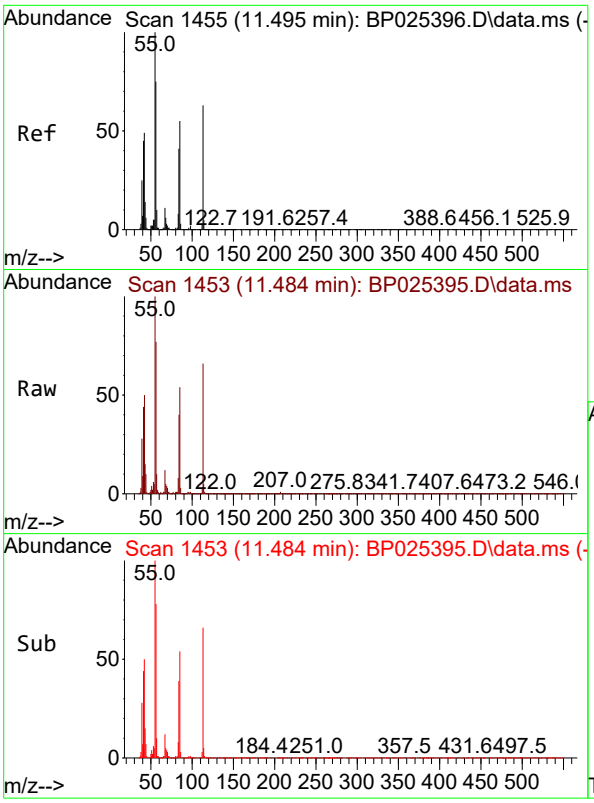


#34
Hexachlorobutadiene
Concen: 19.983 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:225 Resp: 127593

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	62.5	49.7	74.5

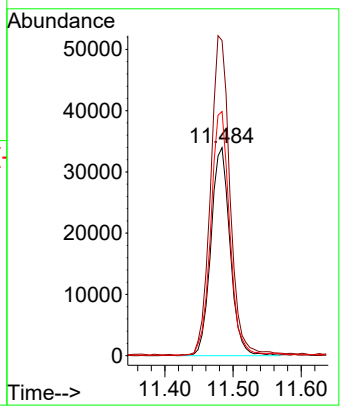




#35
Caprolactam
Concen: 19.294 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:113 Resp: 6616

Ion	Ratio	Lower	Upper
113	100		
55	151.5	140.0	180.0
56	117.4	100.0	140.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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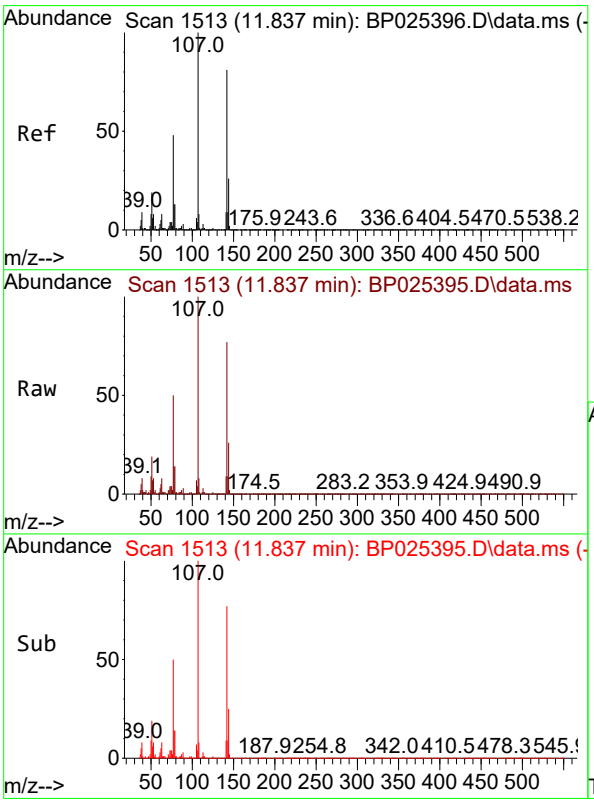
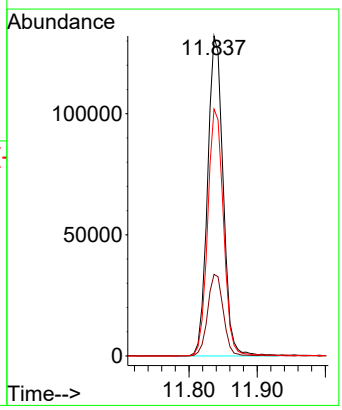
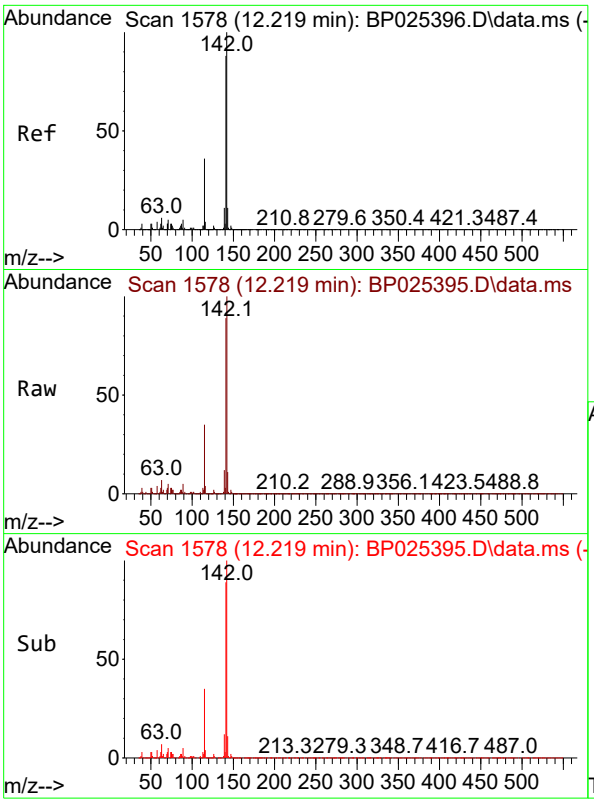


#36
4-Chloro-3-methylphenol
Concen: 19.551 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 209817

Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.0	31.4
142	77.1	64.6	97.0

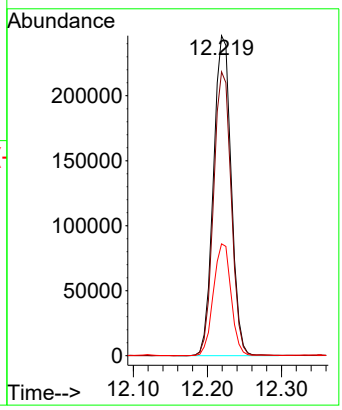




#37
2-Methylnaphthalene
Concen: 20.057 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:142 Resp: 40961

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	35.0	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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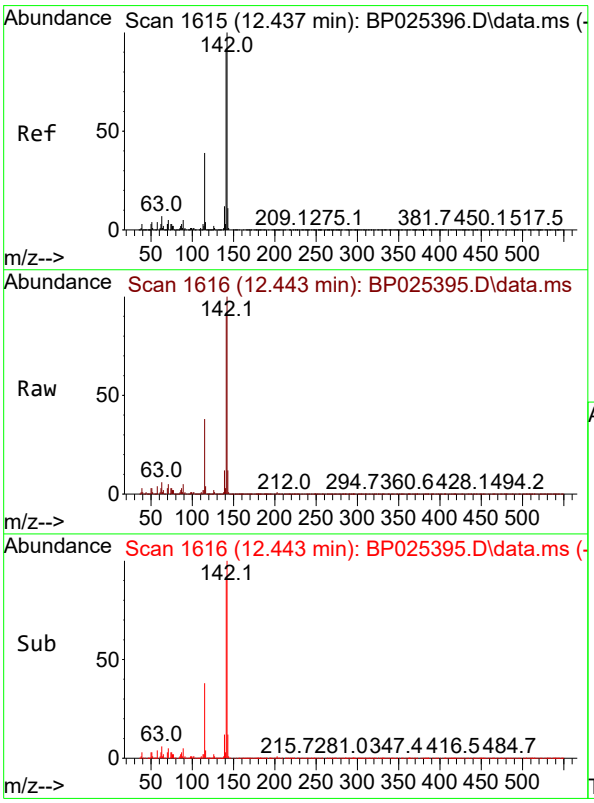
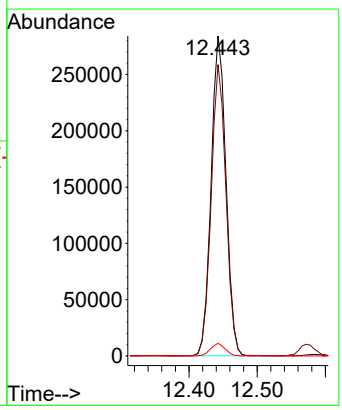
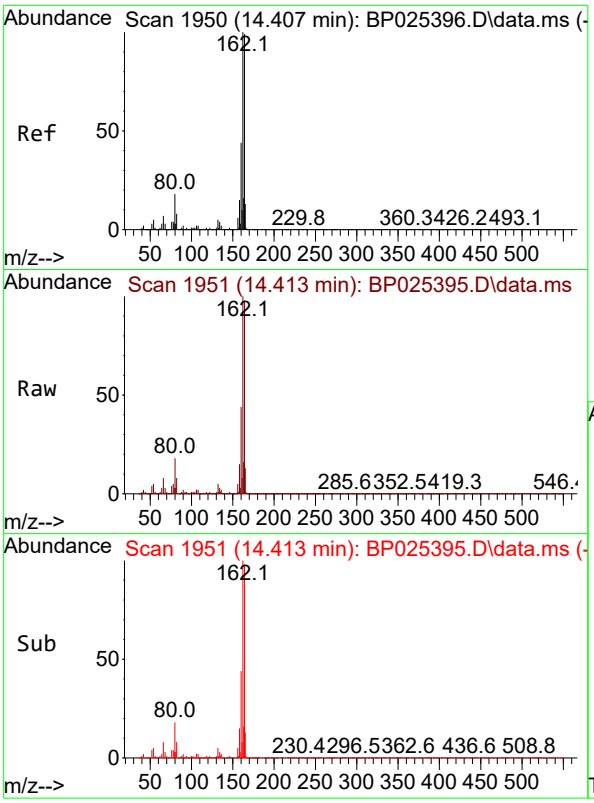


#38
1-Methylnaphthalene
Concen: 19.829 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:142 Resp: 430666

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.1	109.7
116	3.9	3.2	4.8

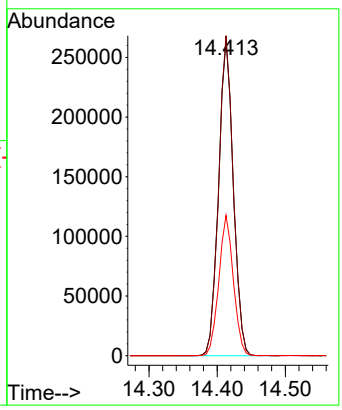




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:164 Resp: 39903

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.0	121.6
160	44.6	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
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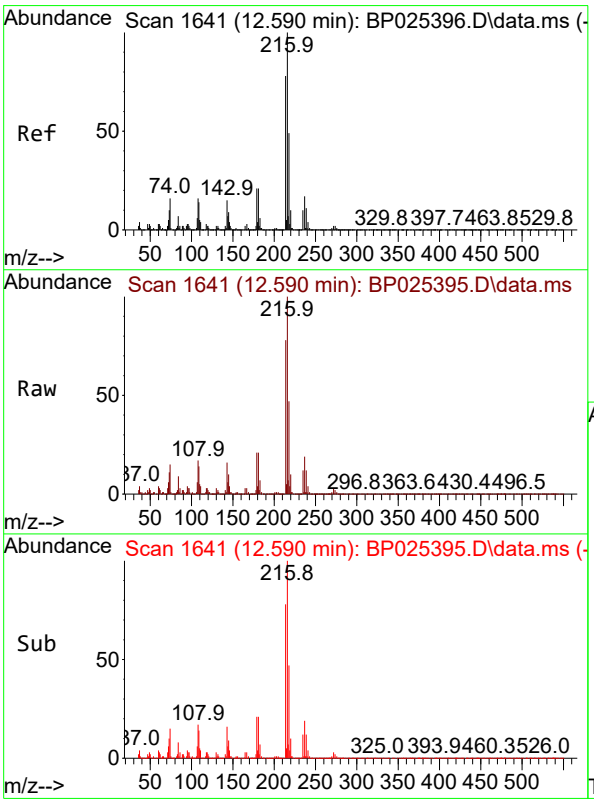
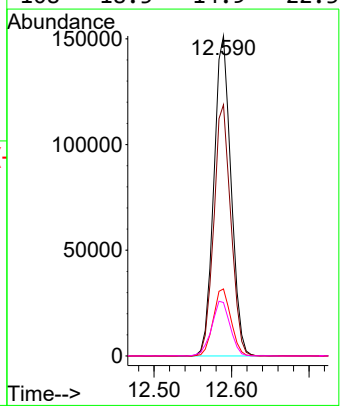
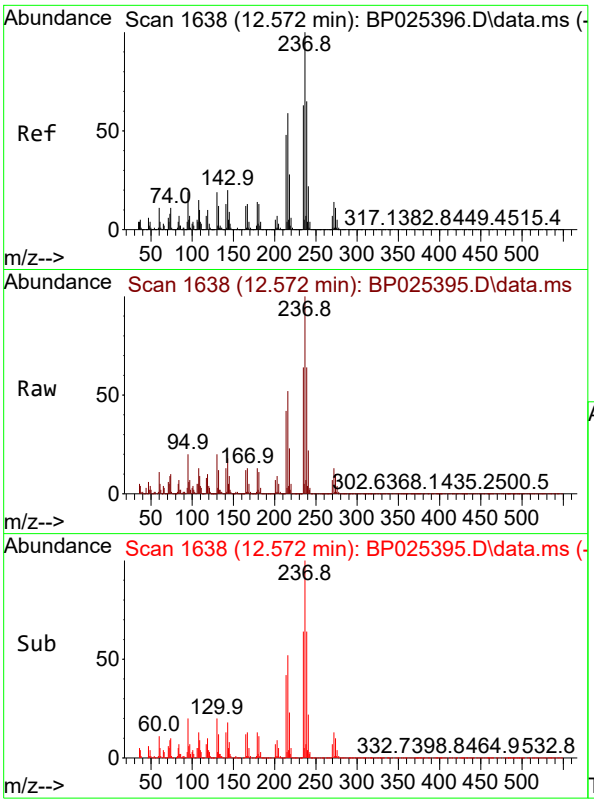


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.263 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:216 Resp: 233523

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	21.6	17.1	25.7
108	18.5	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 17.922 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 12475

Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.7	82.7
272	13.1	0.0	34.0

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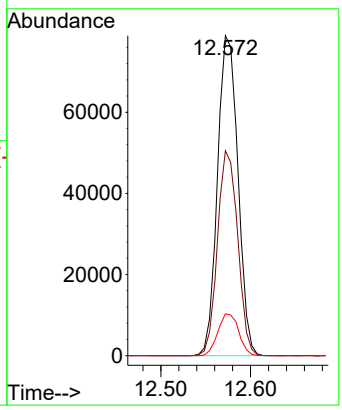
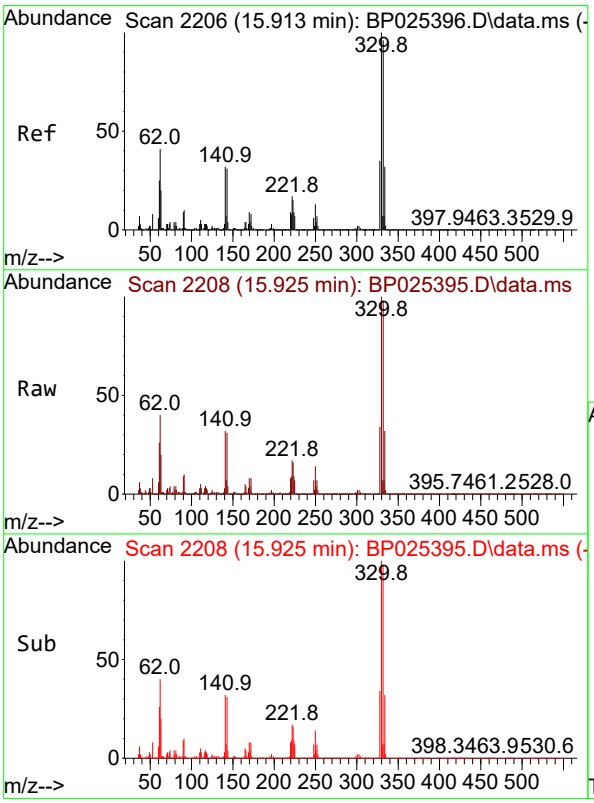
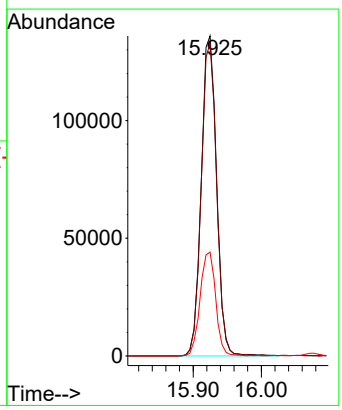


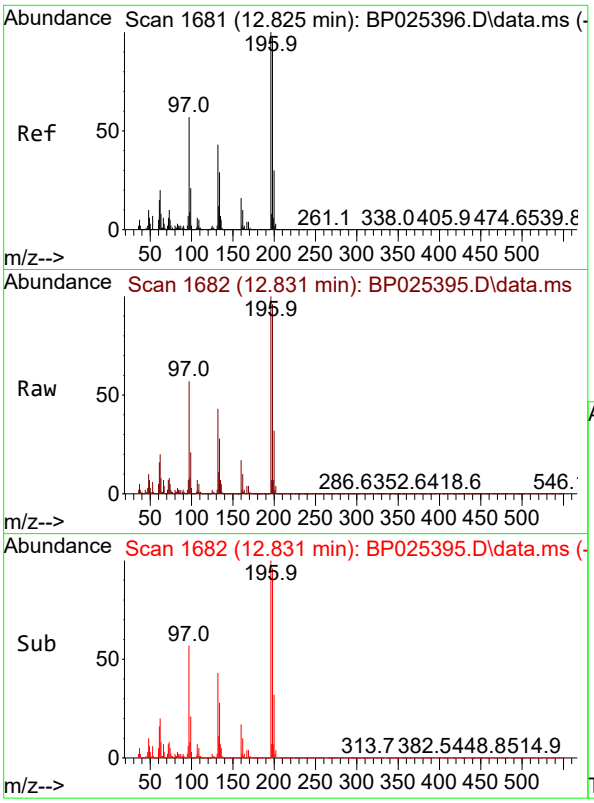


#42
2,4,6-Tribromophenol
Concen: 39.651 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:330 Resp: 212968

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	32.8	26.6	39.8

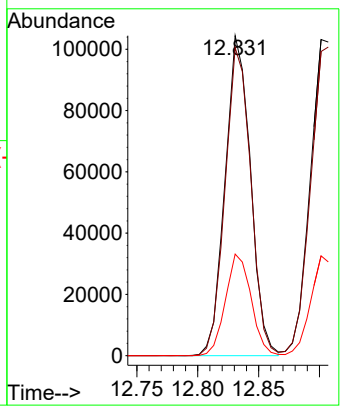




#43
2,4,6-Trichlorophenol
Concen: 19.540 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:196 Resp: 15203

Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.2	115.8
200	31.8	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
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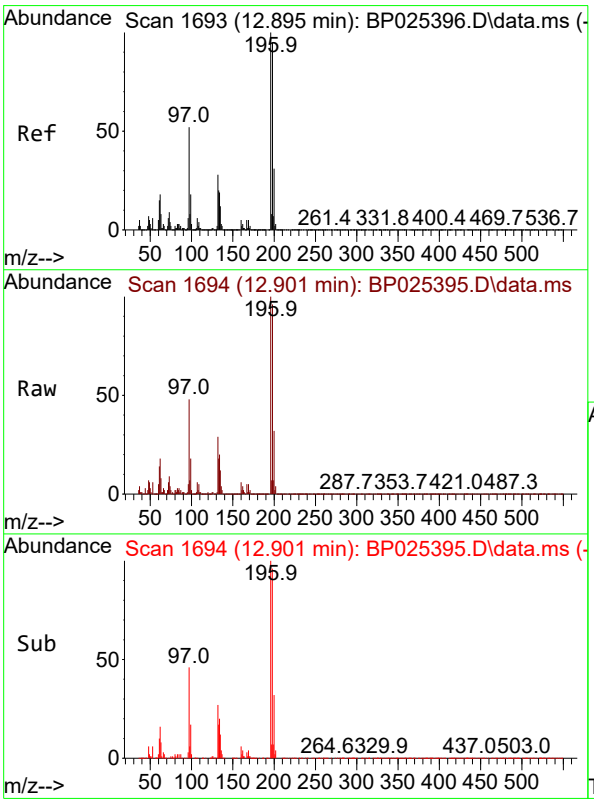
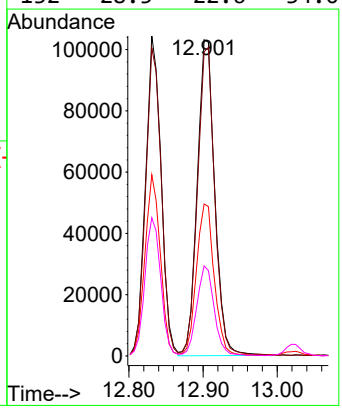
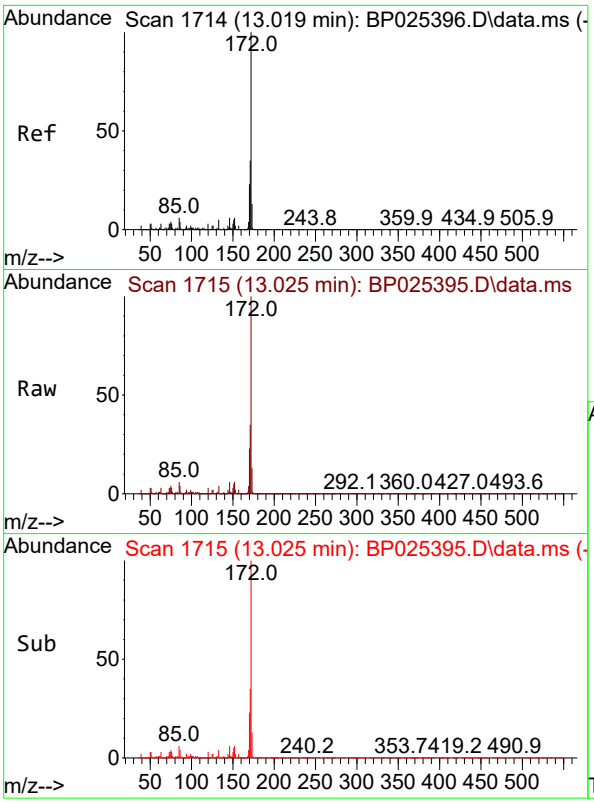


#44
2,4,5-Trichlorophenol
Concen: 19.842 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:196 Resp: 169197

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.2
97	48.1	41.2	61.8
132	28.5	22.6	34.0

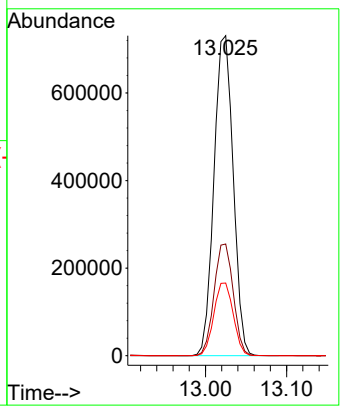




#45
2-Fluorobiphenyl
Concen: 41.205 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:172 Resp: 120306

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	22.7	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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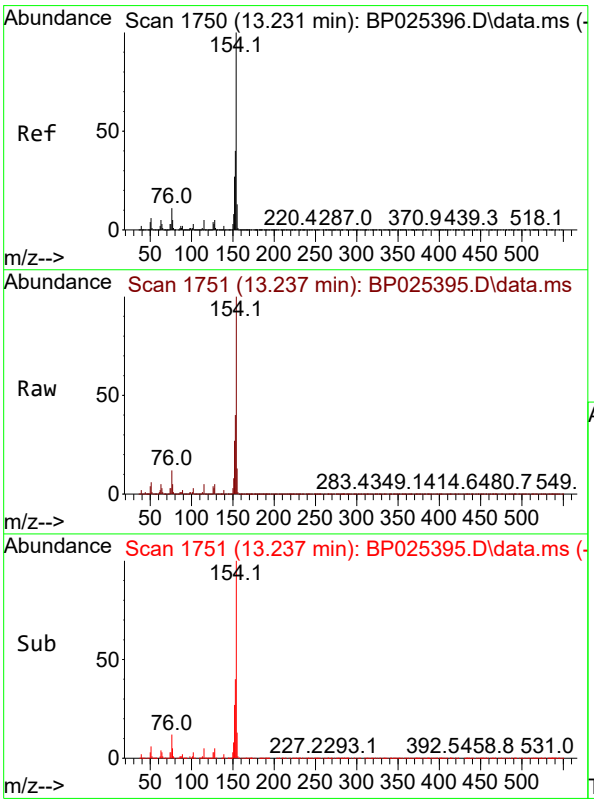
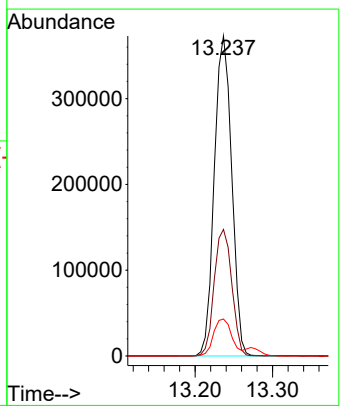
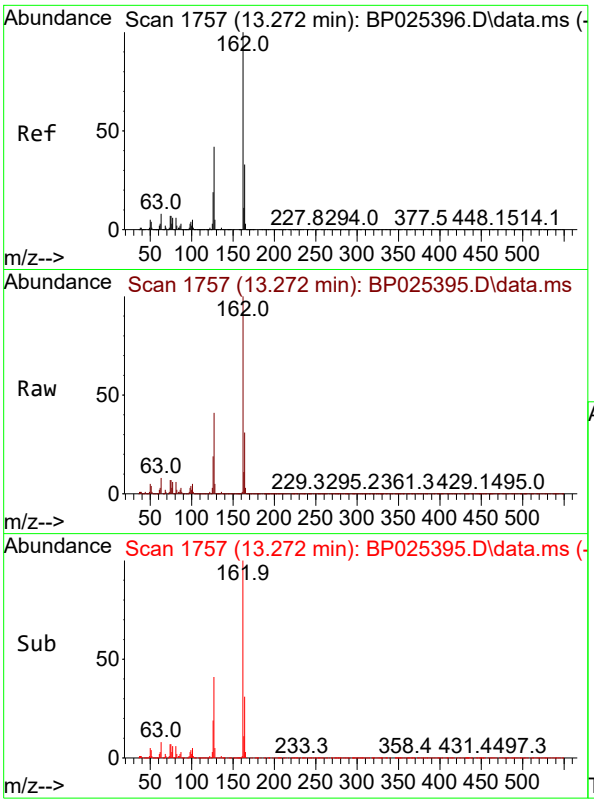


#46
1,1'-Biphenyl
Concen: 20.064 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:154 Resp: 581464

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.5	59.5
76	11.5	0.0	31.1

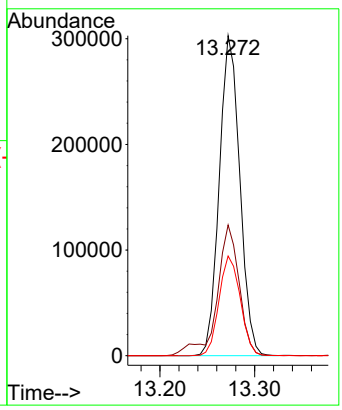




#47
2-Chloronaphthalene
Concen: 20.237 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:162 Resp: 45655

Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.4	50.2
164	31.2	26.2	39.2



Instrument :
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ClientSampleId :
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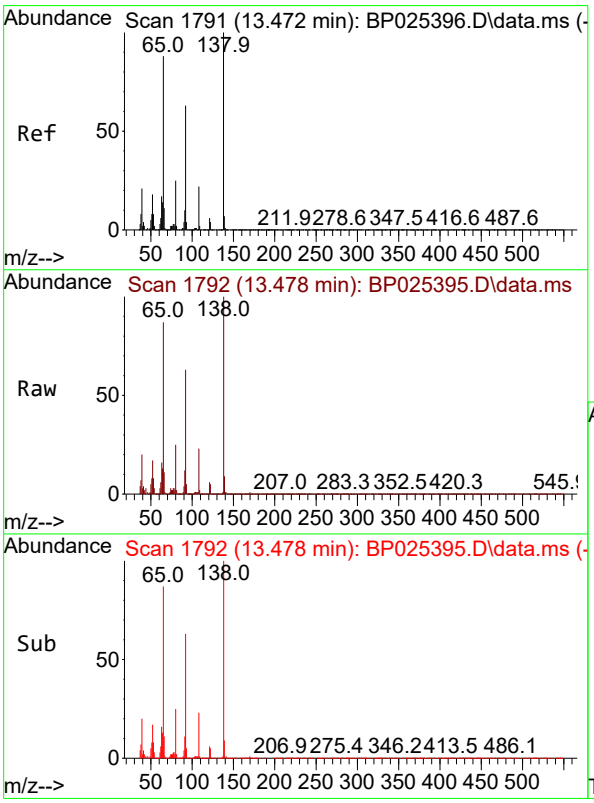
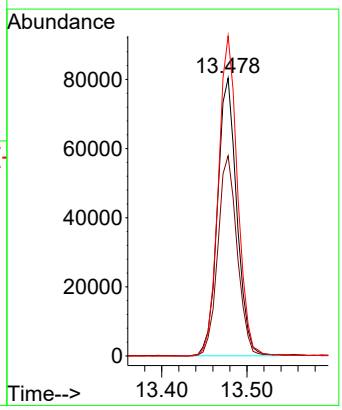
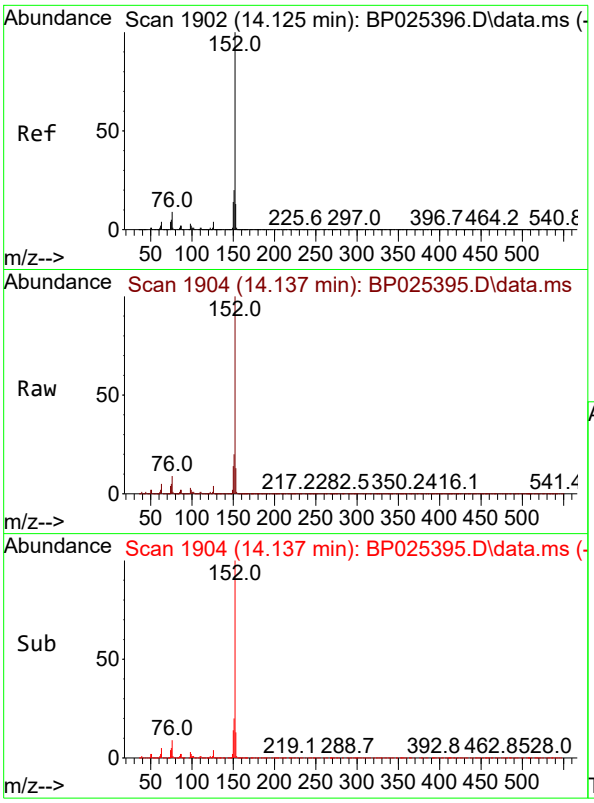


#48
2-Nitroaniline
Concen: 19.233 ng
RT: 13.478 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 65 Resp: 126433

Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.6	86.4
138	115.1	91.0	136.6

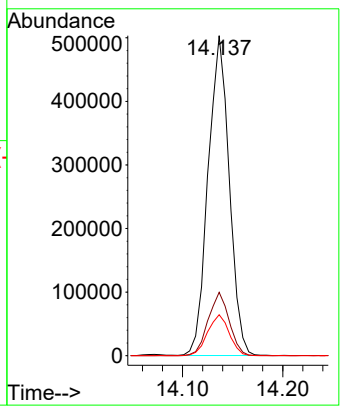




#49
Acenaphthylene
Concen: 19.756 ng
RT: 14.137 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:152 Resp: 73752

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	12.8	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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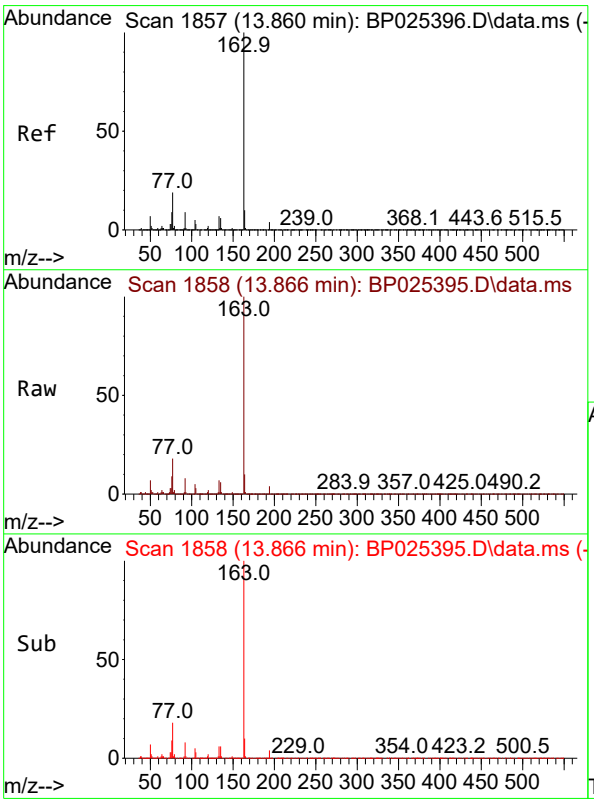
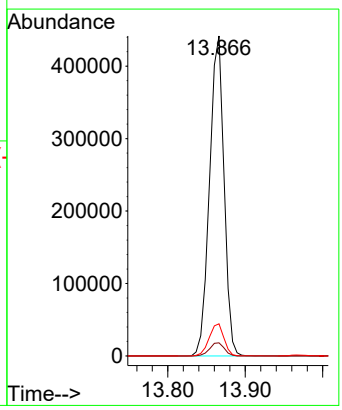
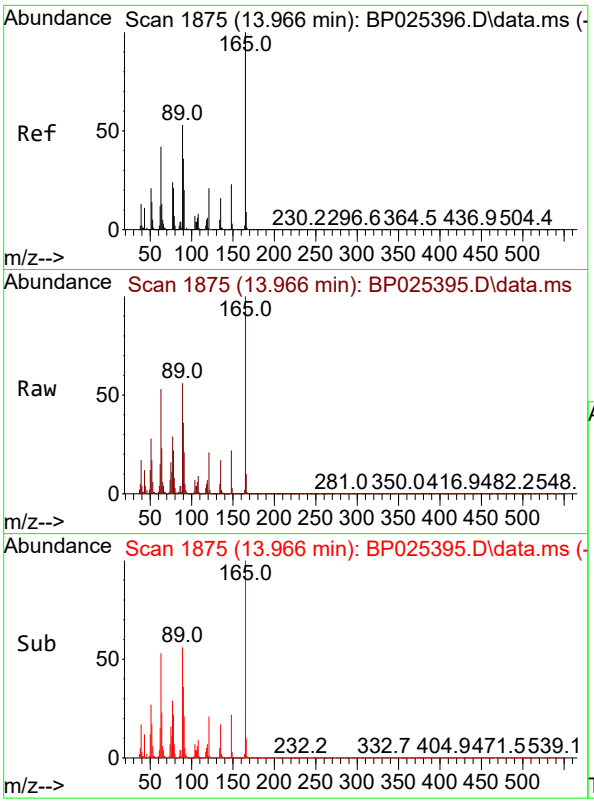


#50
Dimethylphthalate
Concen: 19.632 ng
RT: 13.866 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:163 Resp: 573661

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 19.597 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:165 Resp: 12069

Ion	Ratio	Lower	Upper
165	100		
63	52.9	40.9	61.3
89	55.7	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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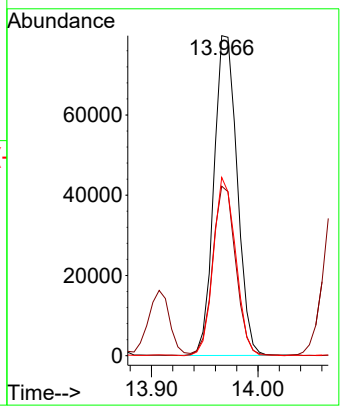
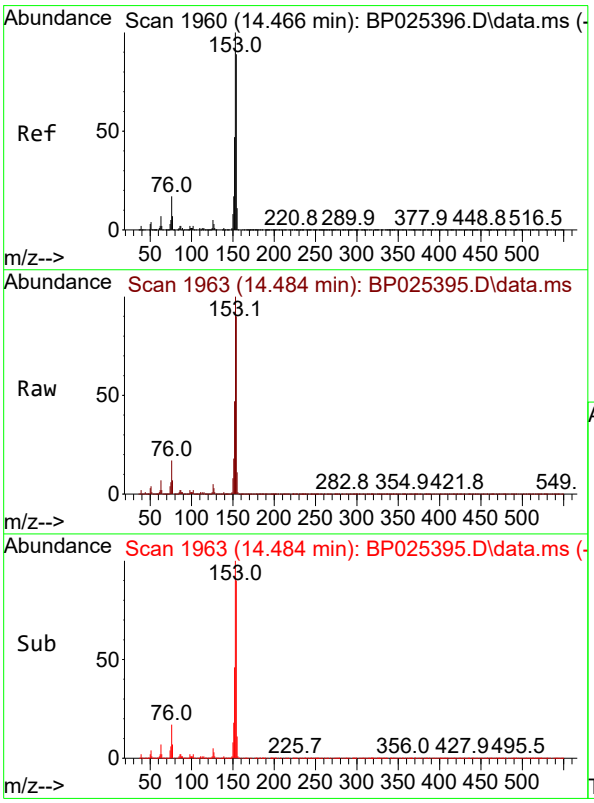
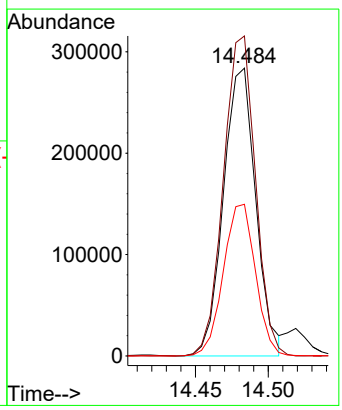


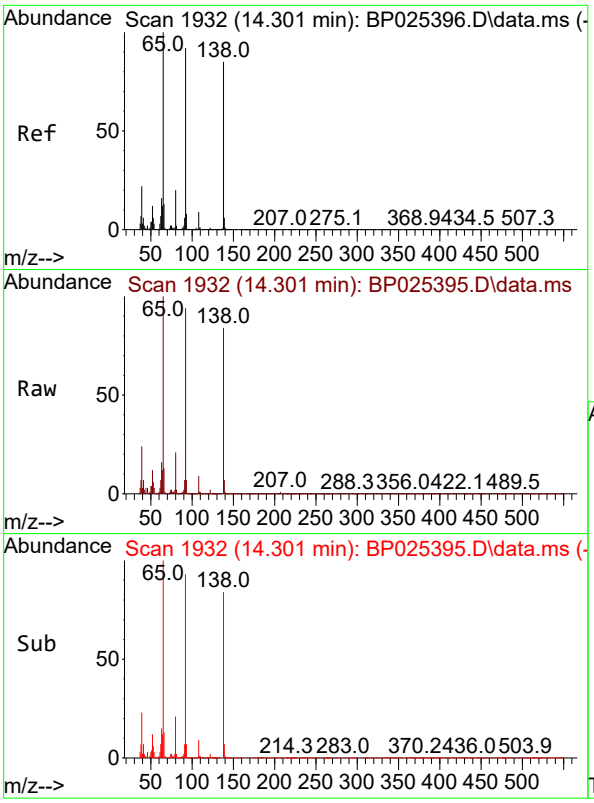


#52
Acenaphthene
Concen: 20.027 ng m
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:154 Resp: 438852

Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.2	135.2
152	52.7	42.1	63.1

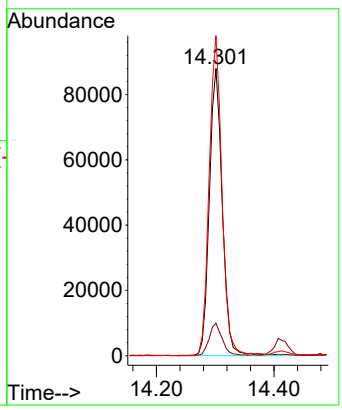




#53
3-Nitroaniline
Concen: 19.410 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:138 Resp: 13450

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.3	12.5
92	111.4	86.2	129.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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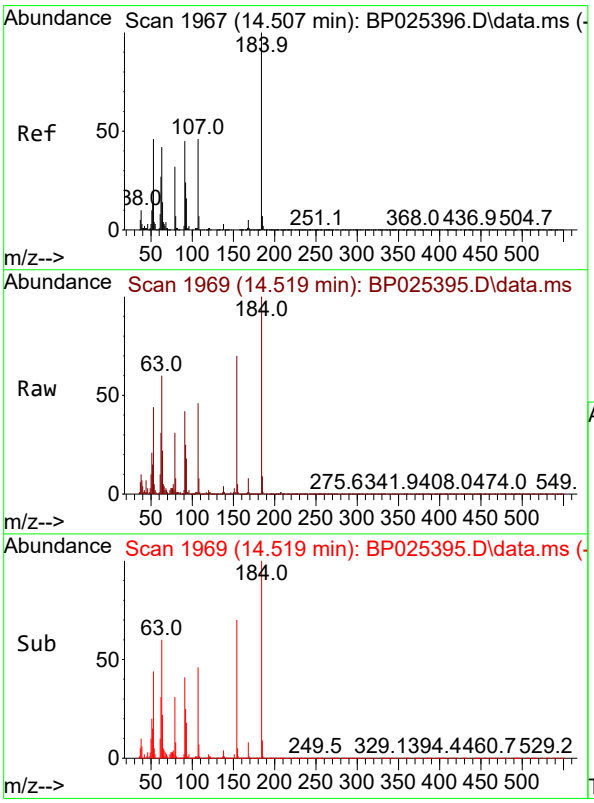
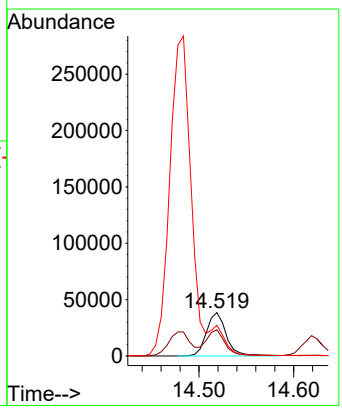
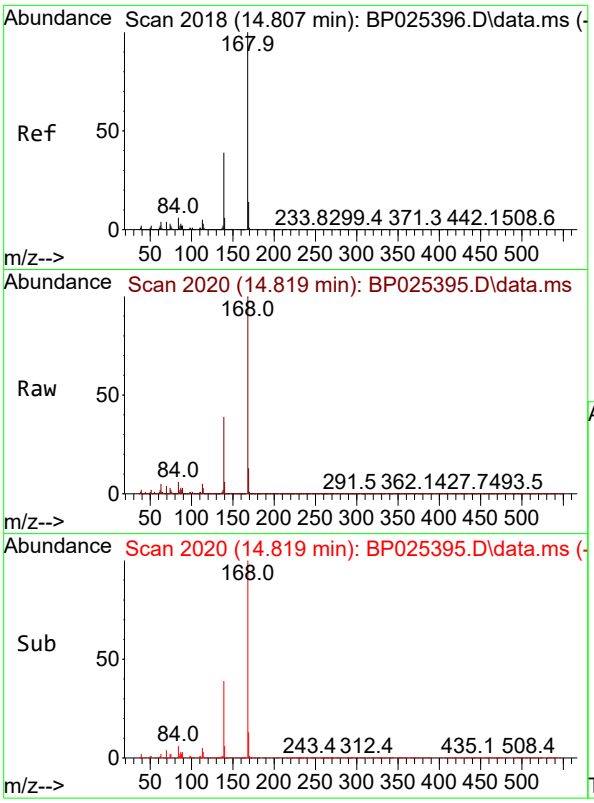


#54
2,4-Dinitrophenol
Concen: 16.939 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:184 Resp: 55713

Ion	Ratio	Lower	Upper
184	100		
63	60.4	49.4	74.2
154	70.4	54.6	82.0

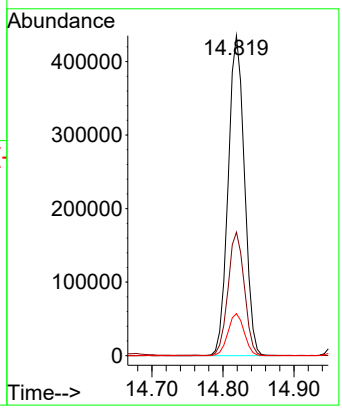




#55
Dibenzofuran
Concen: 20.002 ng
RT: 14.819 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:168 Resp: 69296

Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.5	47.3
169	13.1	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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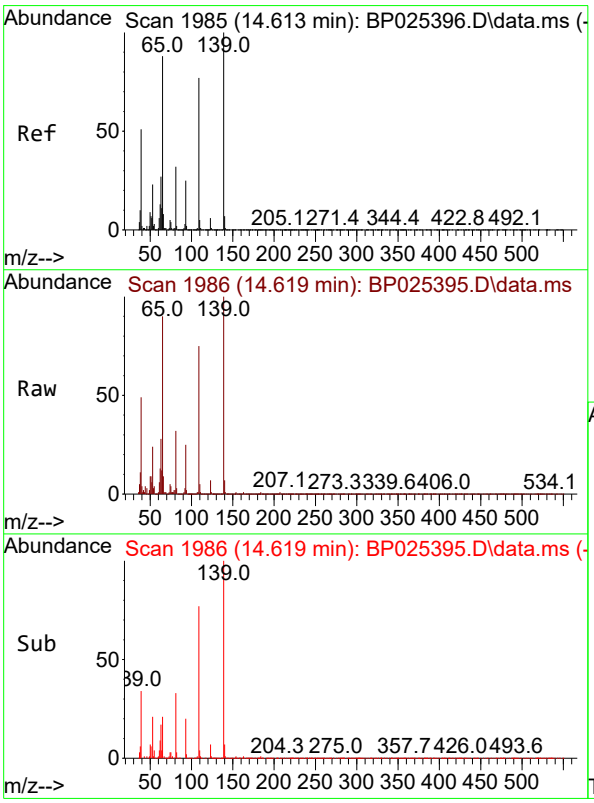
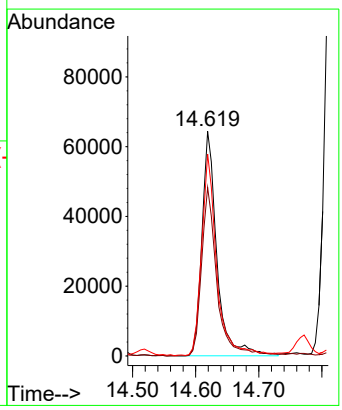
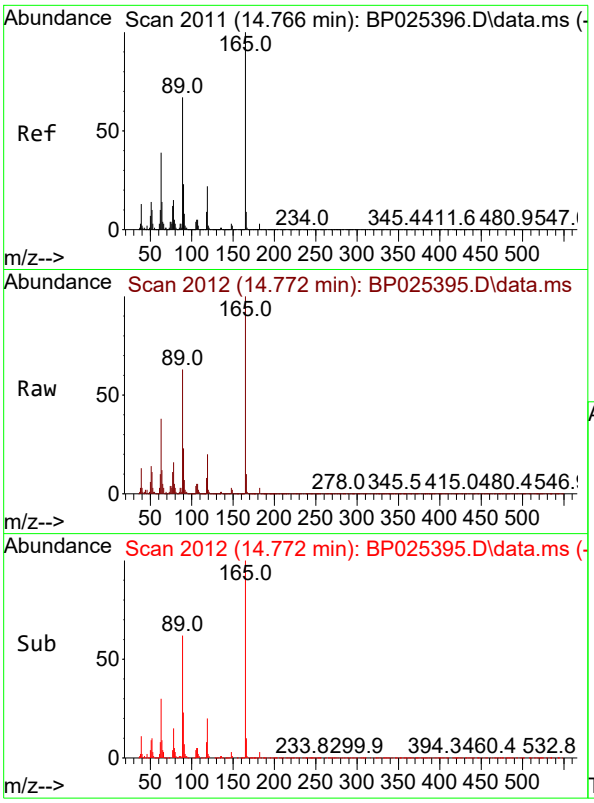


#56
4-Nitrophenol
Concen: 18.578 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:139 Resp: 105787

Ion	Ratio	Lower	Upper
139	100		
109	75.0	56.6	96.6
65	89.8	68.2	108.2

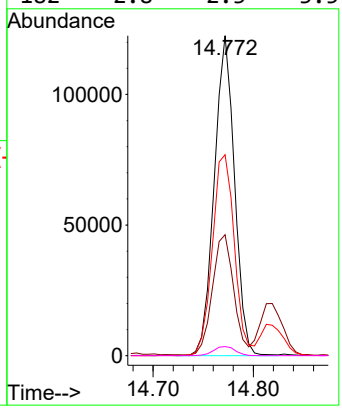




#57
2,4-Dinitrotoluene
Concen: 19.576 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:165 Resp: 17202

Ion	Ratio	Lower	Upper
165	100		
63	37.8	31.4	47.2
89	62.8	53.3	79.9
182	2.8	2.3	3.5



Instrument :
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ClientSampleId :
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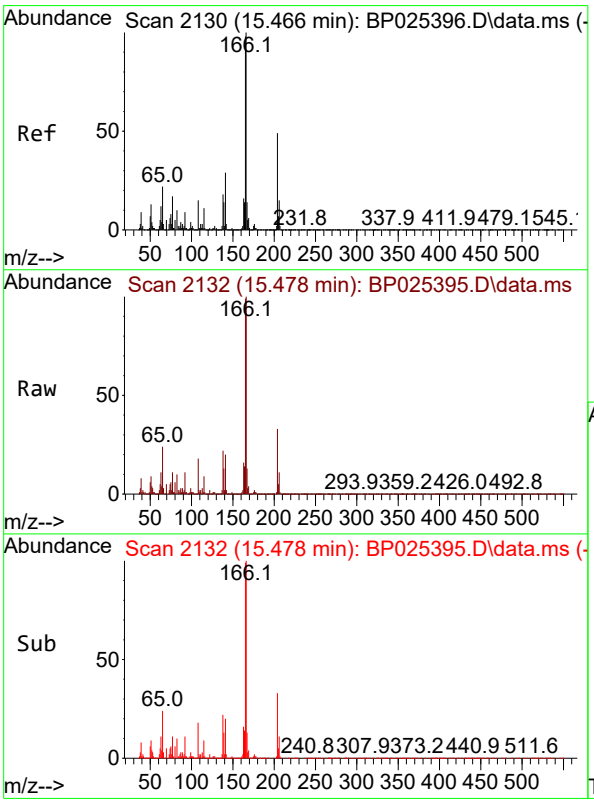
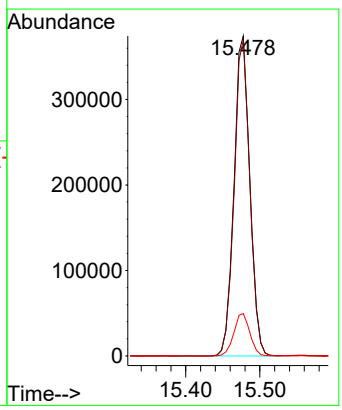
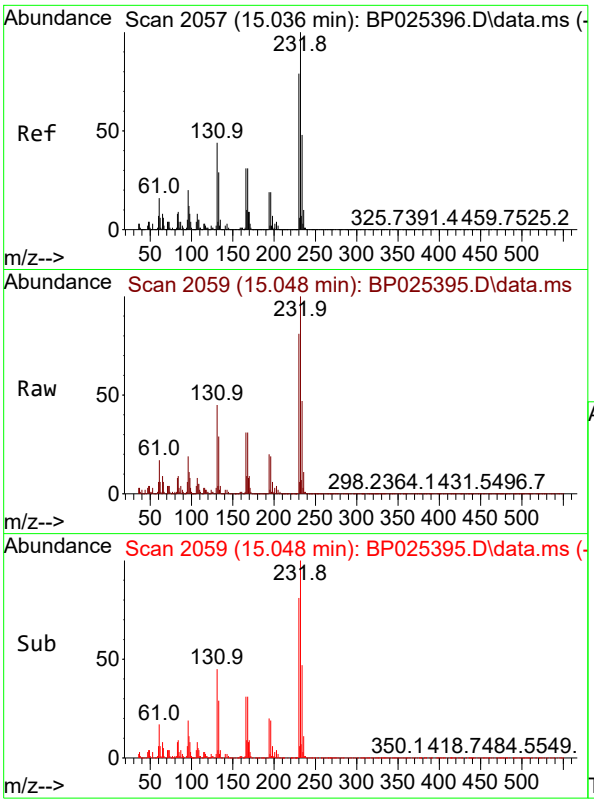


#58
Fluorene
Concen: 20.289 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:166 Resp: 554647

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	13.3	11.0	16.4

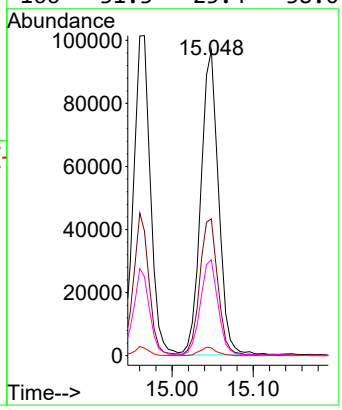




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.381 ng
RT: 15.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:232 Resp: 14592

Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.0	55.6
130	2.7	1.9	2.9
166	31.3	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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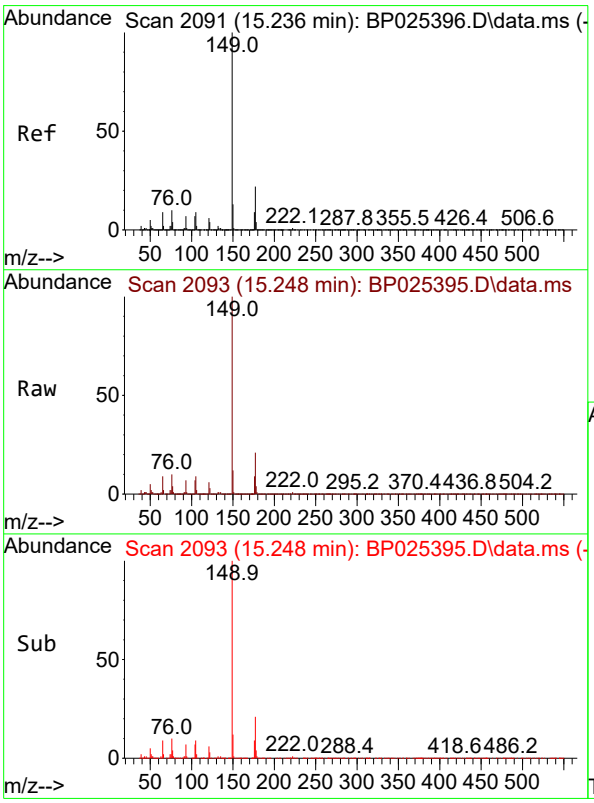
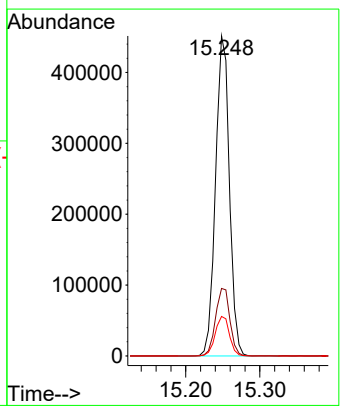
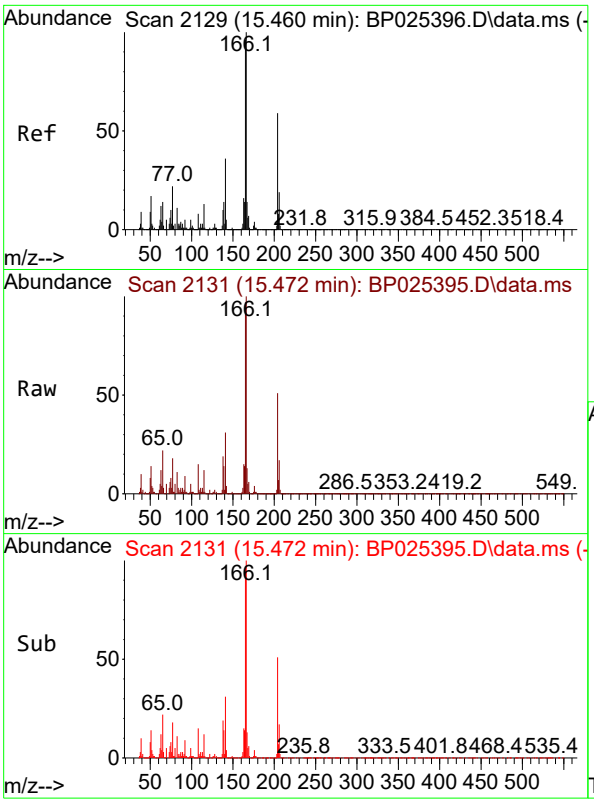


#60
Diethylphthalate
Concen: 19.689 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 584590

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.3	25.9
150	12.4	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 19.929 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:204 Resp: 270949

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	60.5	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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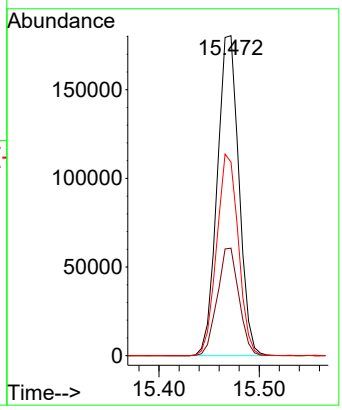
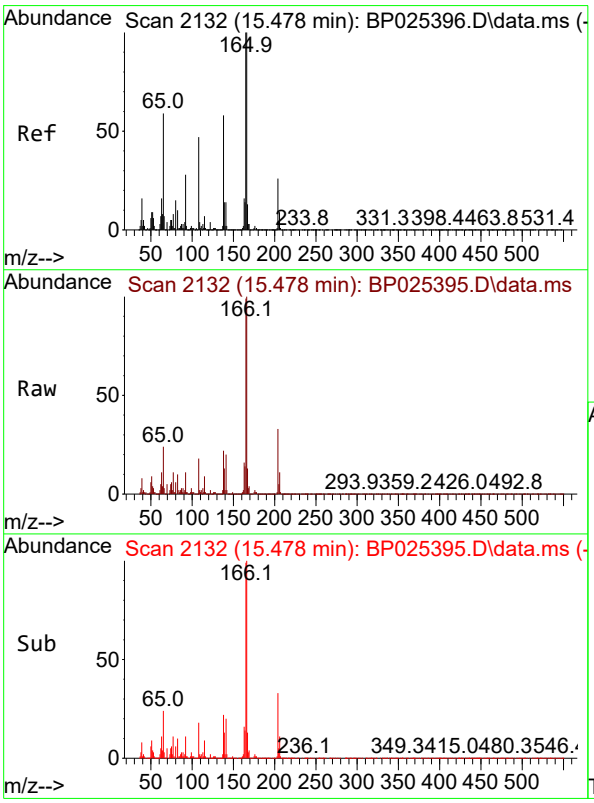
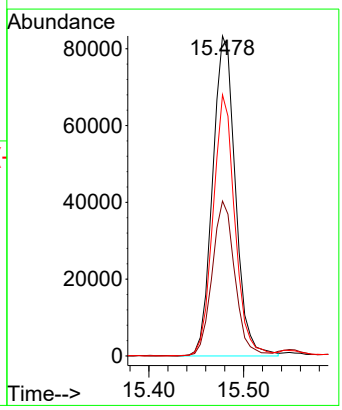


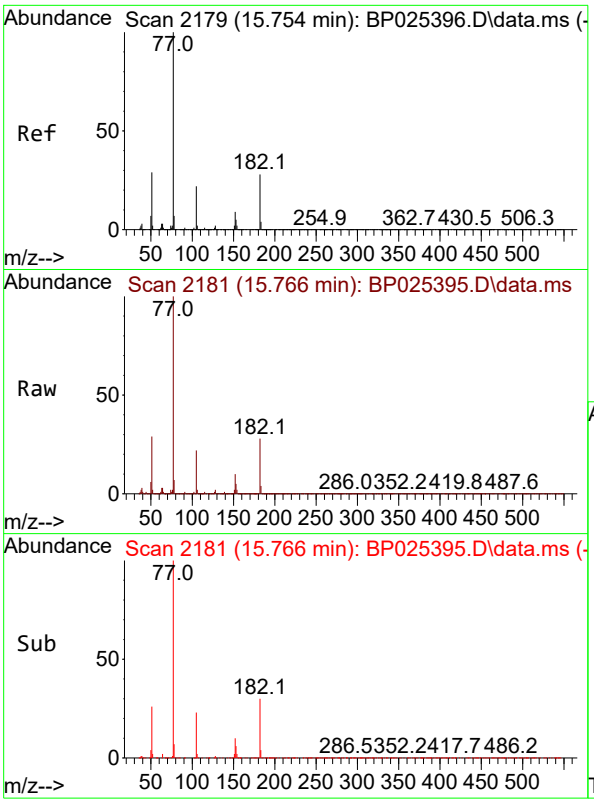


#62
4-Nitroaniline
Concen: 19.595 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:138 Resp: 139202

Ion	Ratio	Lower	Upper
138	100		
92	48.4	29.1	69.1
108	81.6	61.5	101.5

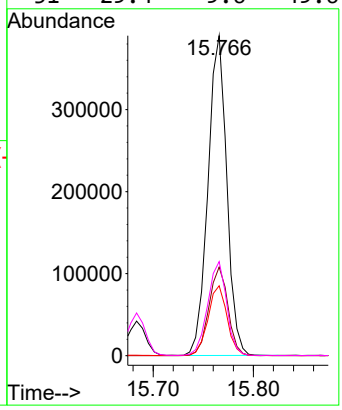




#63
Azobenzene
Concen: 20.004 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 50856

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.5	47.5
105	21.9	2.1	42.1
51	29.4	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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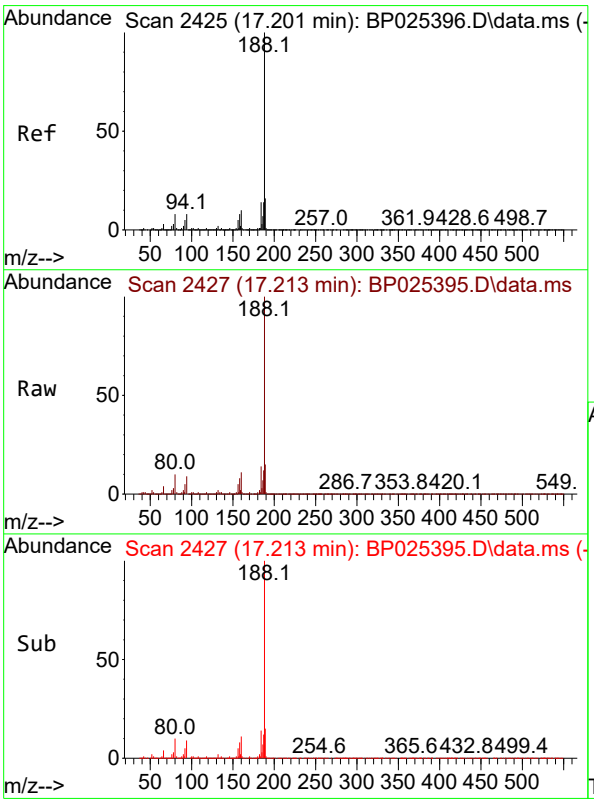
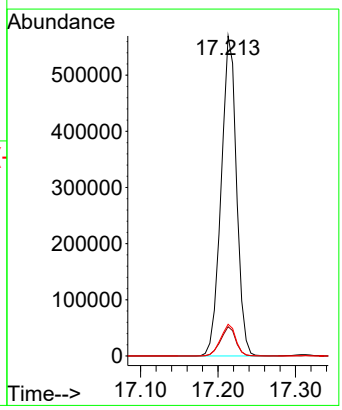
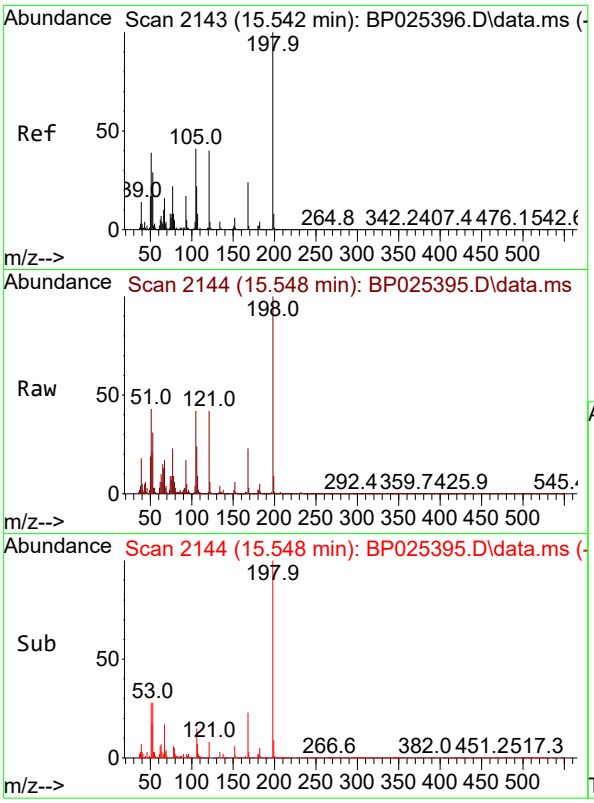


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:188 Resp: 785736

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.9	6.7	10.1

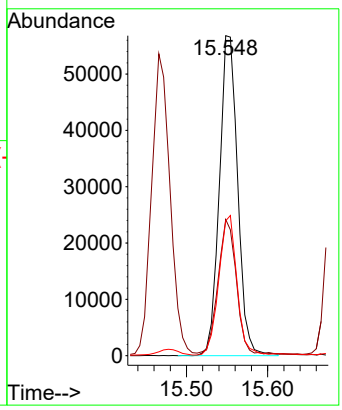




#65
4,6-Dinitro-2-methylphenol
Concen: 18.169 ng
RT: 15.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:198 Resp: 8899

Ion	Ratio	Lower	Upper
198	100		
51	42.6	19.6	59.6
105	42.2	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
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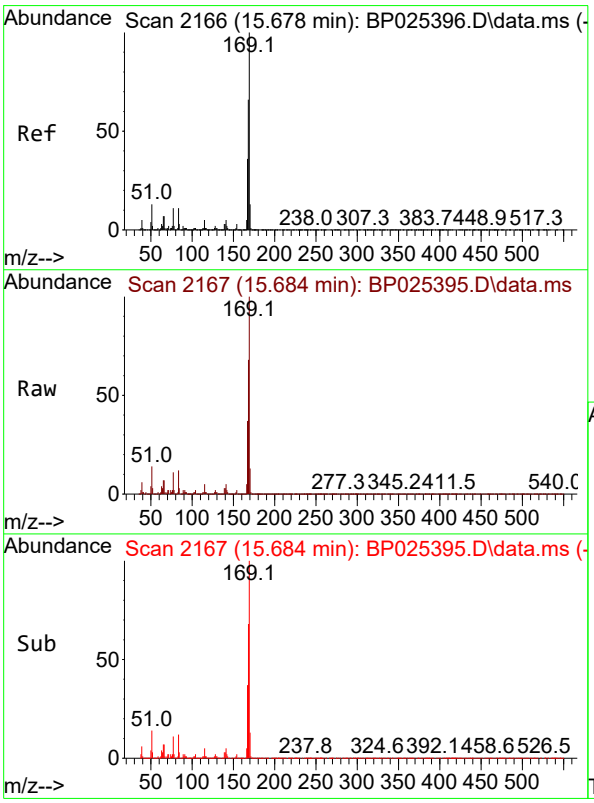
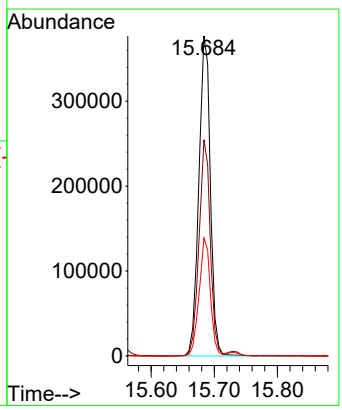
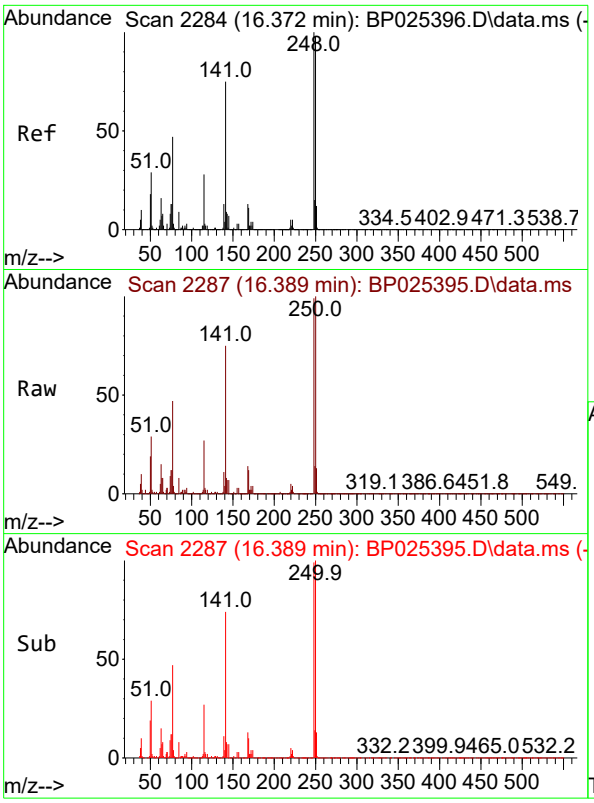


#66
n-Nitrosodiphenylamine
Concen: 19.911 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:169 Resp: 477080

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.2	79.8
167	36.8	28.7	43.1

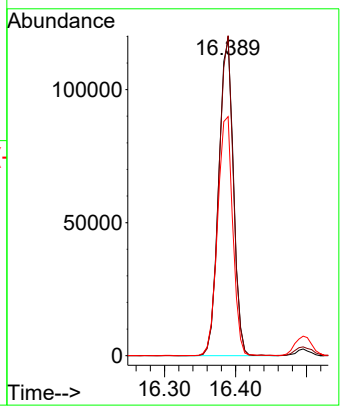




#67
4-Bromophenyl-phenylether
Concen: 19.758 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:248 Resp: 17073

Ion	Ratio	Lower	Upper
248	100		
250	101.4	78.2	117.2
141	75.7	59.6	89.4



Instrument :
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ClientSampleId :
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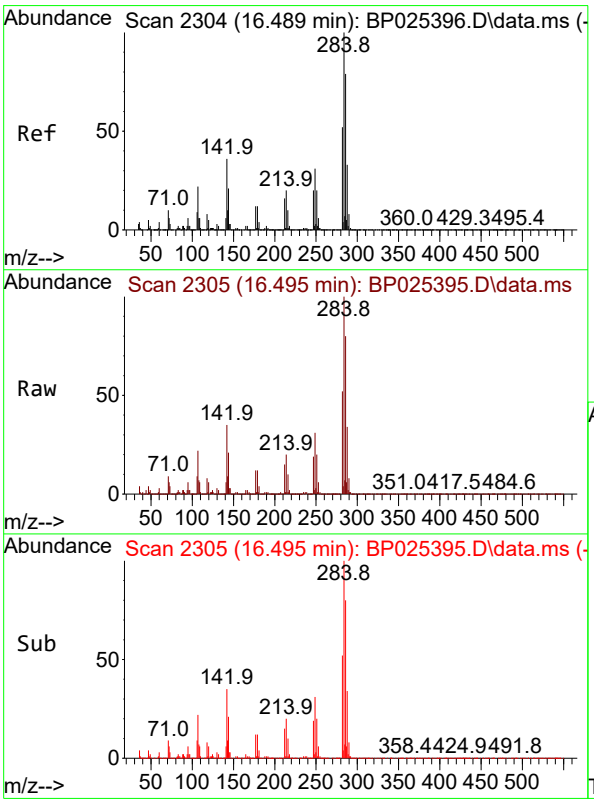
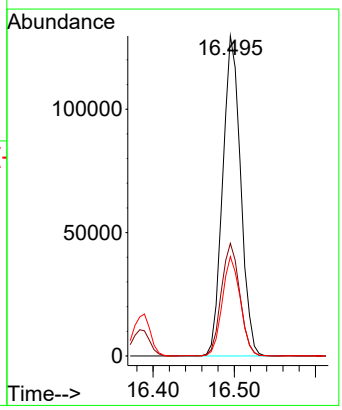
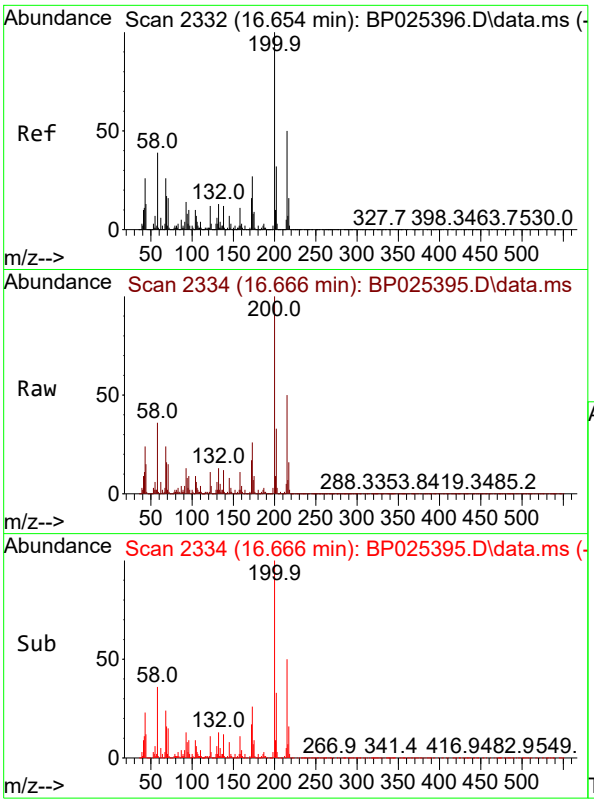


#68
Hexachlorobenzene
Concen: 19.906 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:284 Resp: 199410

Ion	Ratio	Lower	Upper
284	100		
142	35.2	29.1	43.7
249	31.0	25.0	37.4

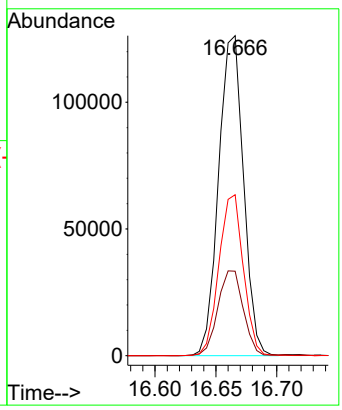




#69
Atrazine
Concen: 20.006 ng
RT: 16.666 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:200 Resp: 17951

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.7	46.7
215	50.3	29.7	69.7



Instrument :
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ClientSampleId :
SSTDICC020

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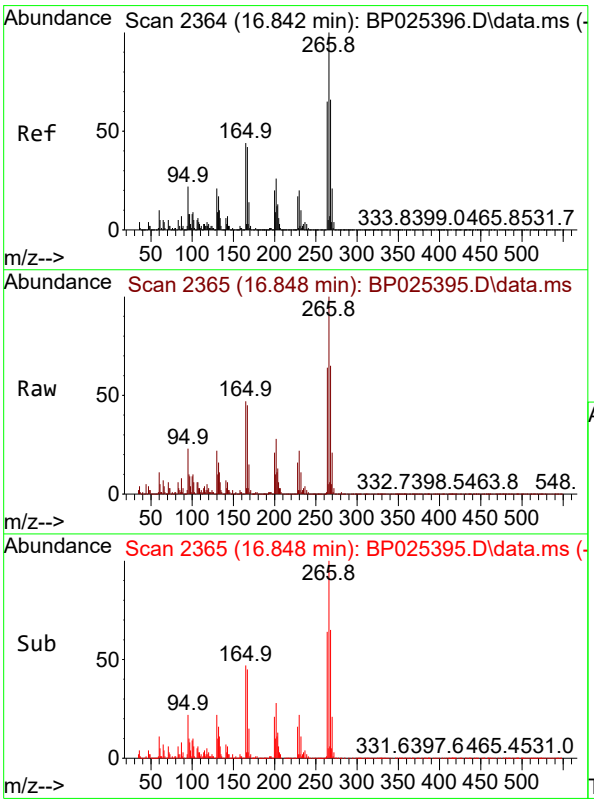
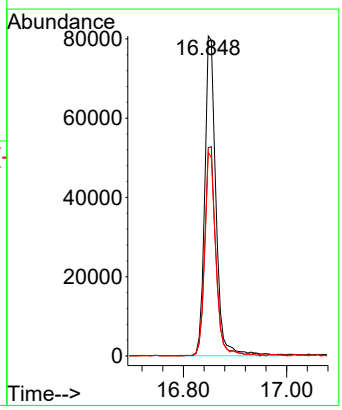
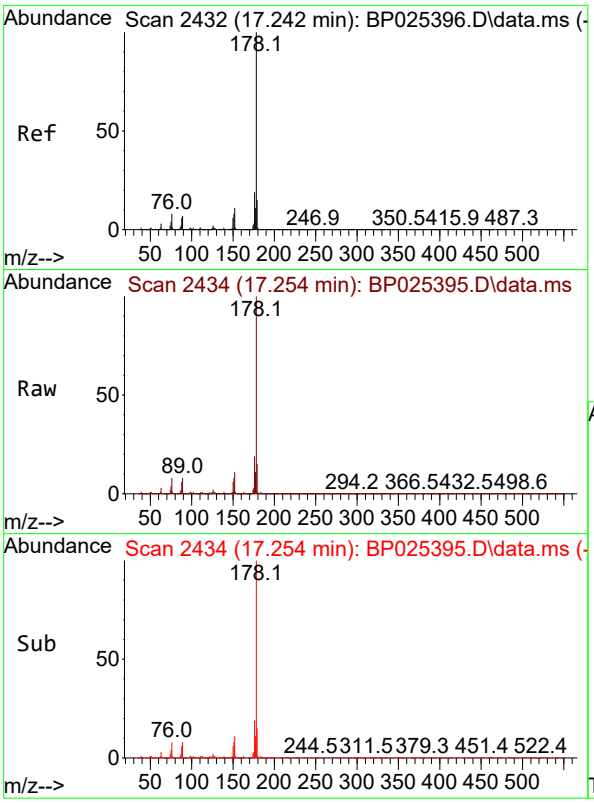


#70
Pentachlorophenol
Concen: 19.128 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:266 Resp: 120958

Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.6	79.0
264	63.6	52.0	78.0

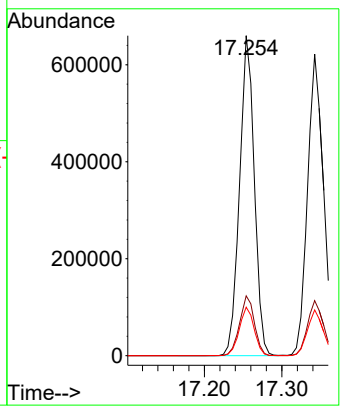




#71
Phenanthrene
Concen: 20.223 ng
RT: 17.254 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:178 Resp: 87289

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.2	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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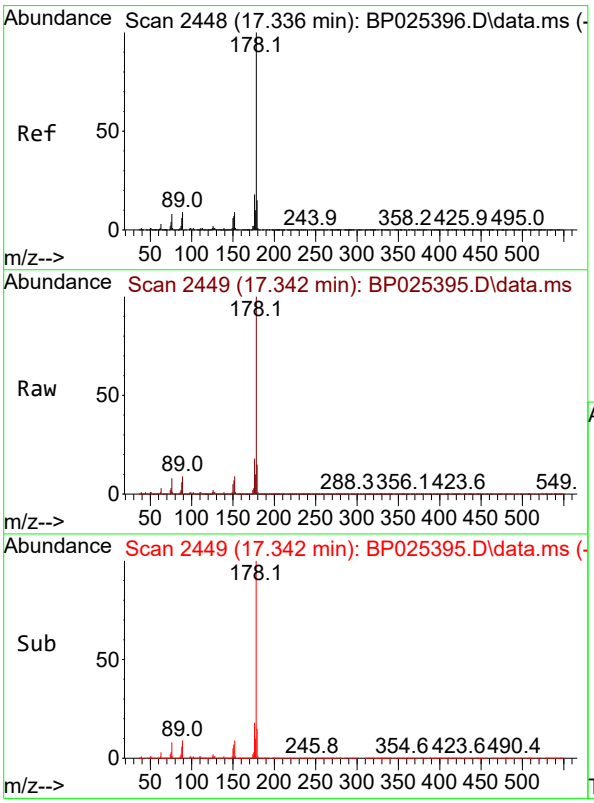
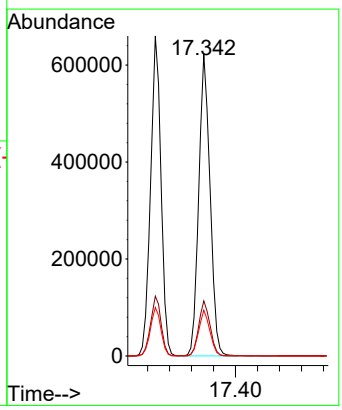
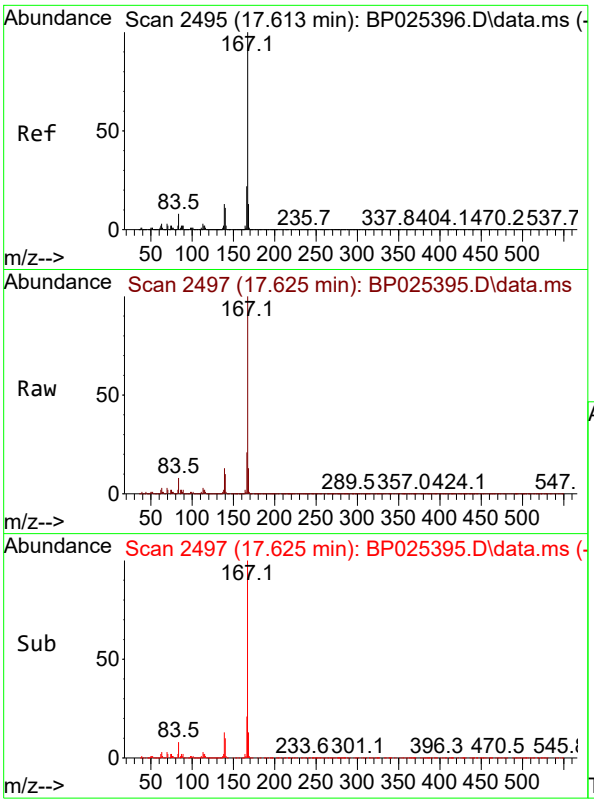


#72
Anthracene
Concen: 20.198 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:178 Resp: 890292

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.2	12.2	18.2

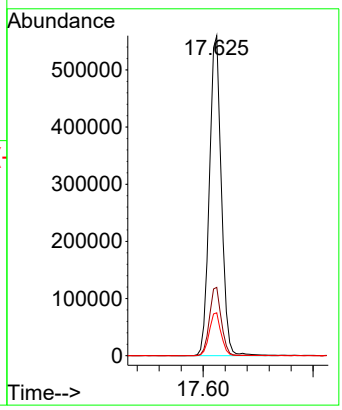




#73
Carbazole
Concen: 20.328 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:167 Resp: 84397

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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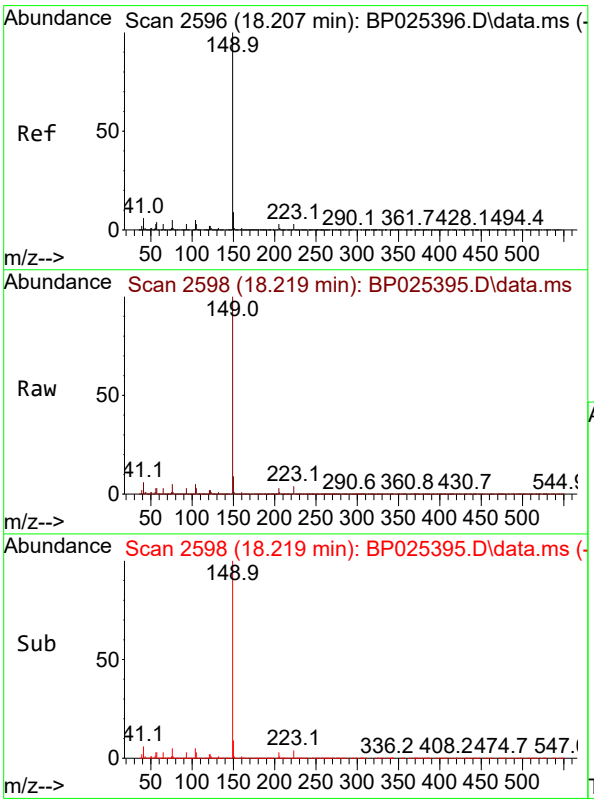
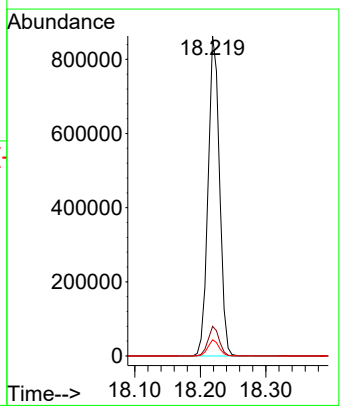
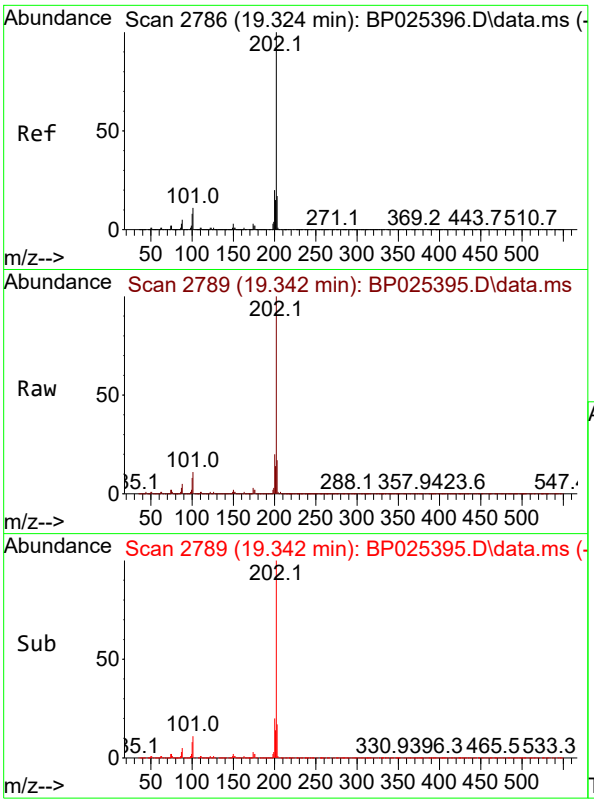


#74
Di-n-butylphthalate
Concen: 20.491 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 1046709

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.2	6.2





#75
Fluoranthene
Concen: 20.567 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 105891

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.1
203	17.3	0.0	37.3

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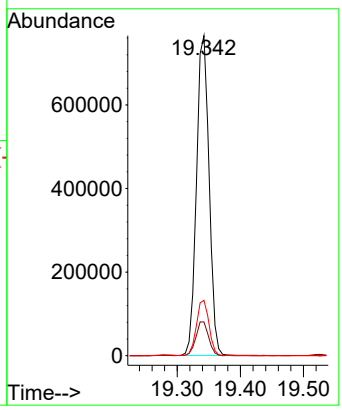
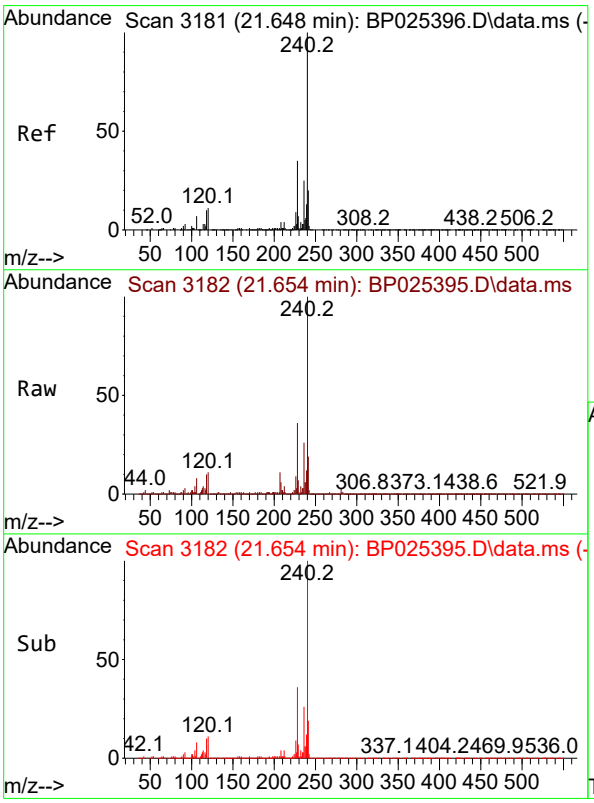
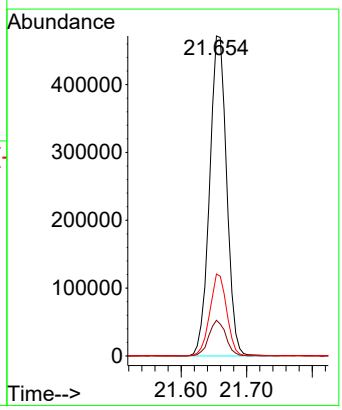


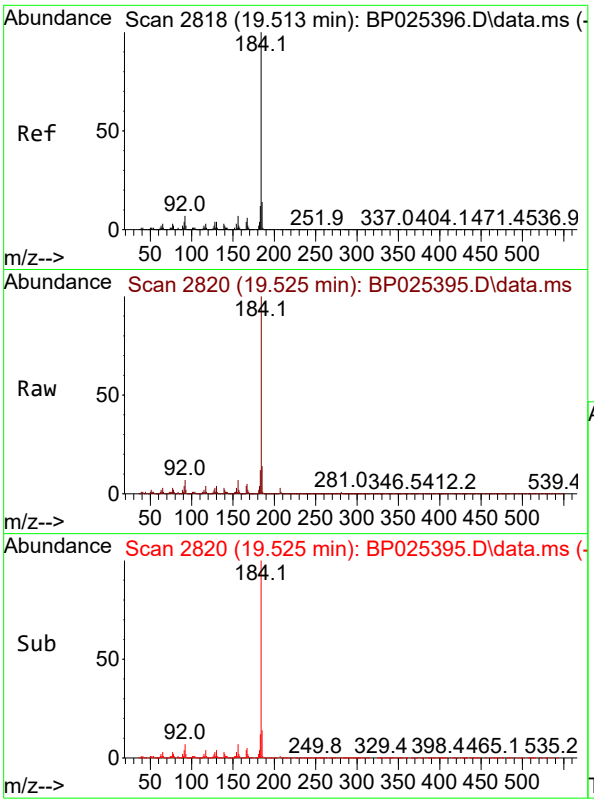


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:240 Resp: 852065

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.6	19.8	29.8

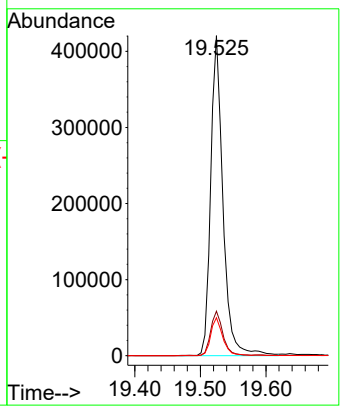




#77
Benzidine
Concen: 18.799 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:184 Resp: 54664

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.9	9.4	14.2



Instrument :
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ClientSampleId :
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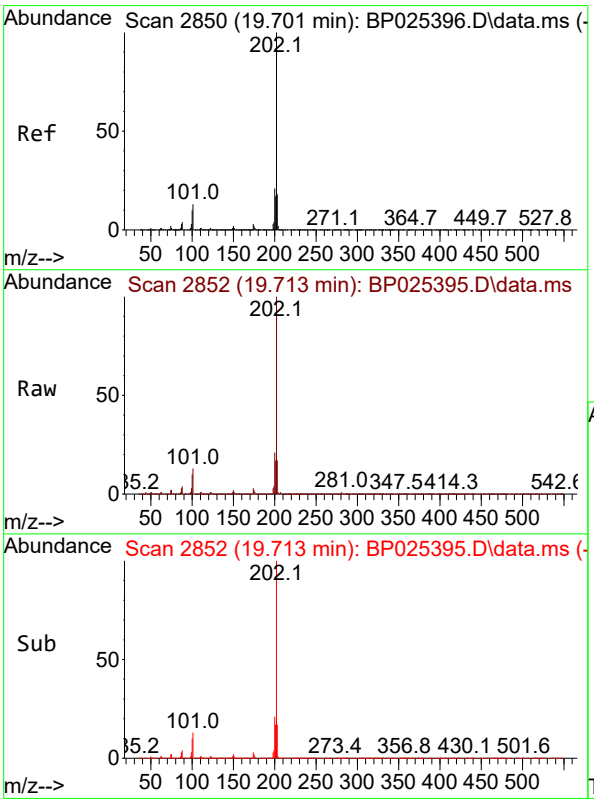
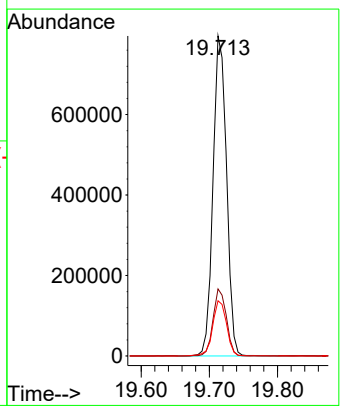
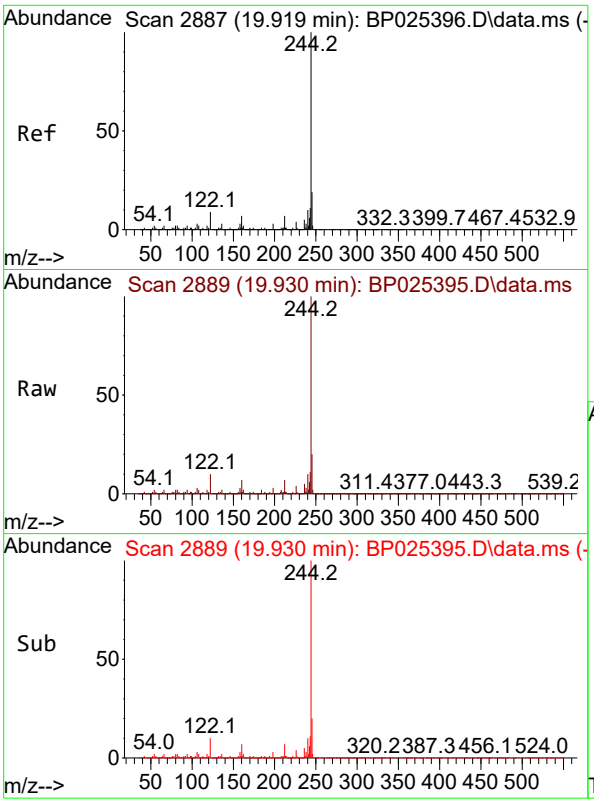


#78
Pyrene
Concen: 19.807 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:202 Resp: 1096965

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.3	14.2	21.2

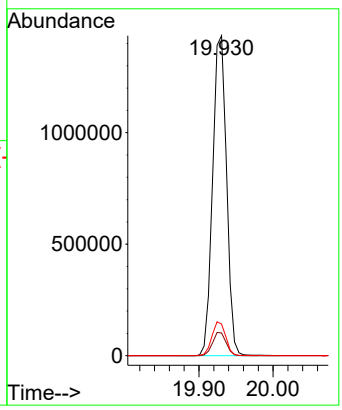




#79
Terphenyl-d14
Concen: 40.152 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:244 Resp: 186995

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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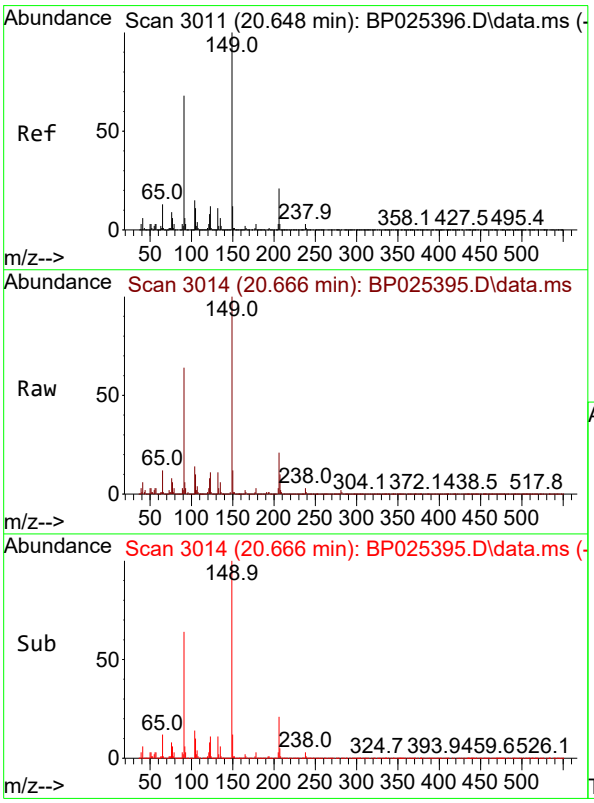
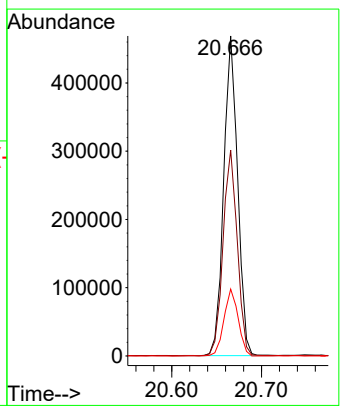
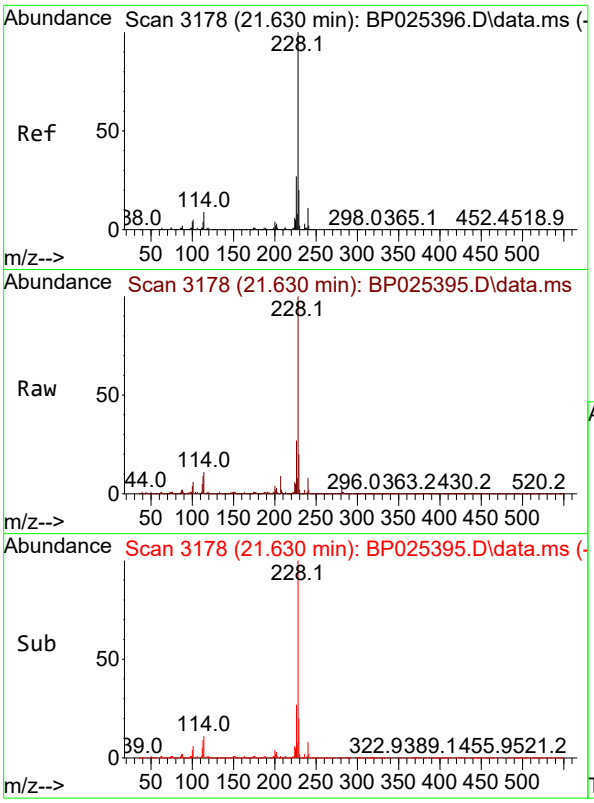


#80
Butylbenzylphthalate
Concen: 20.081 ng
RT: 20.666 min Scan# 3014
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 504019

Ion	Ratio	Lower	Upper
149	100		
91	64.4	54.2	81.2
206	20.9	16.6	24.8

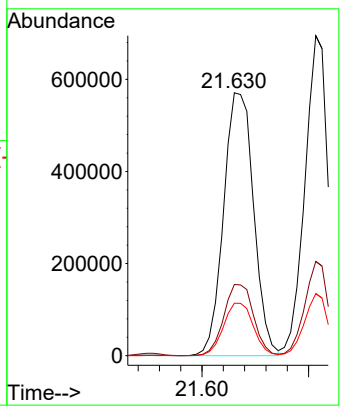




#81
Benzo(a)anthracene
Concen: 19.906 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:228 Resp: 111859

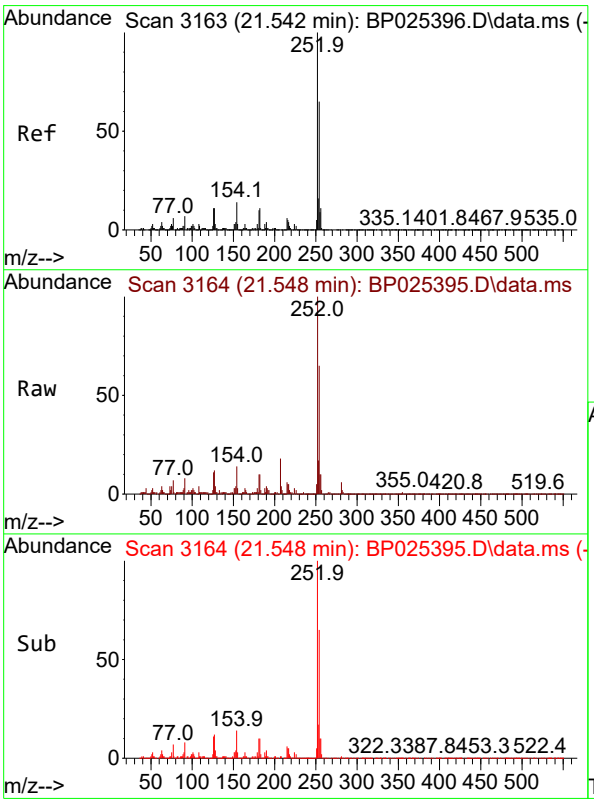
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.9	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

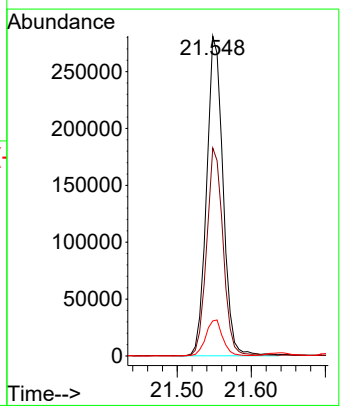
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

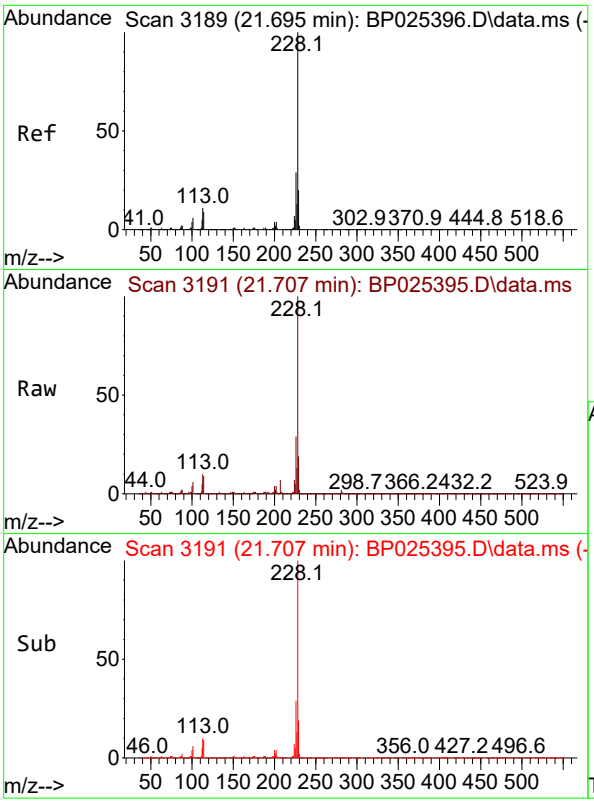


#82
3,3'-Dichlorobenzidine
Concen: 20.399 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 432075

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	10.9	9.1	13.7

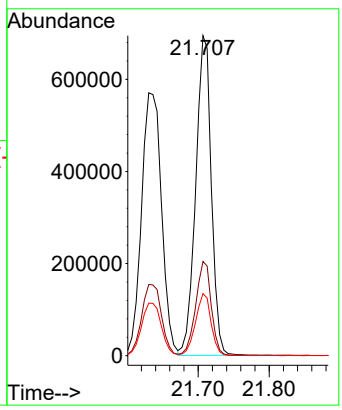




#83
Chrysene
Concen: 20.216 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:228 Resp: 106389

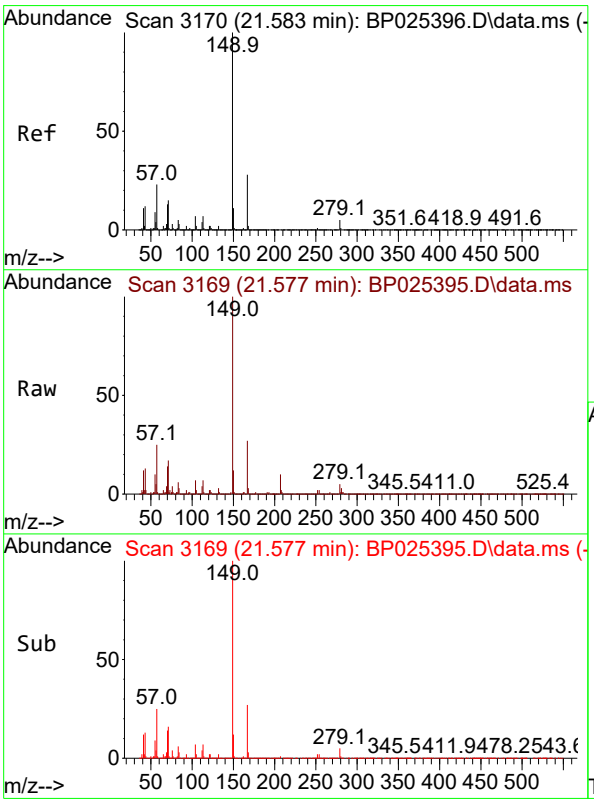
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.4	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

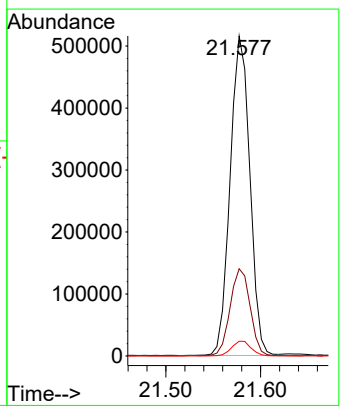
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

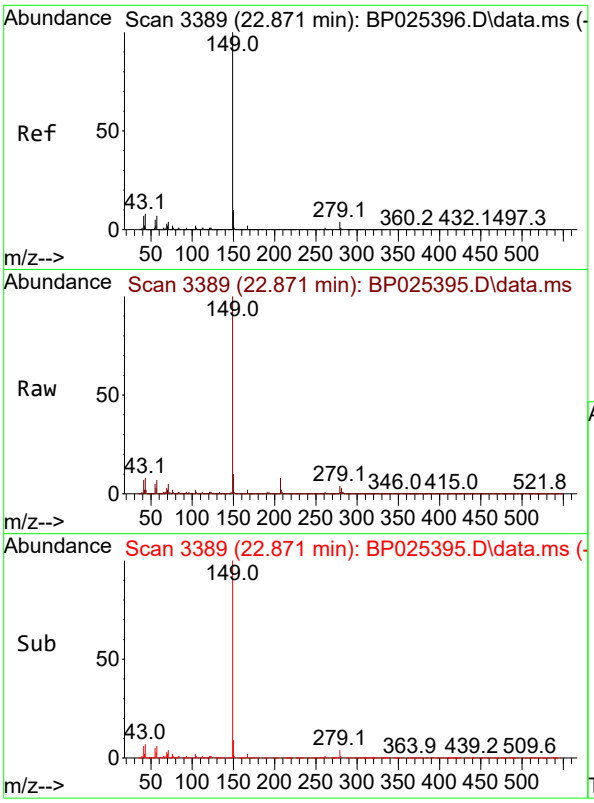


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.155 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 744704

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.6	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 20.091 ng
RT: 22.871 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

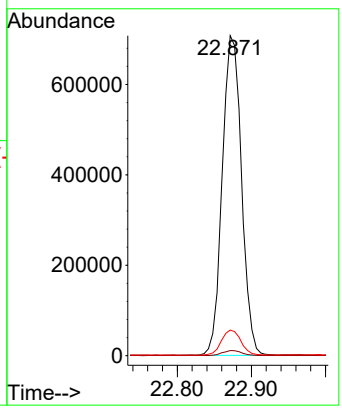
Tgt Ion:149 Resp: 127679

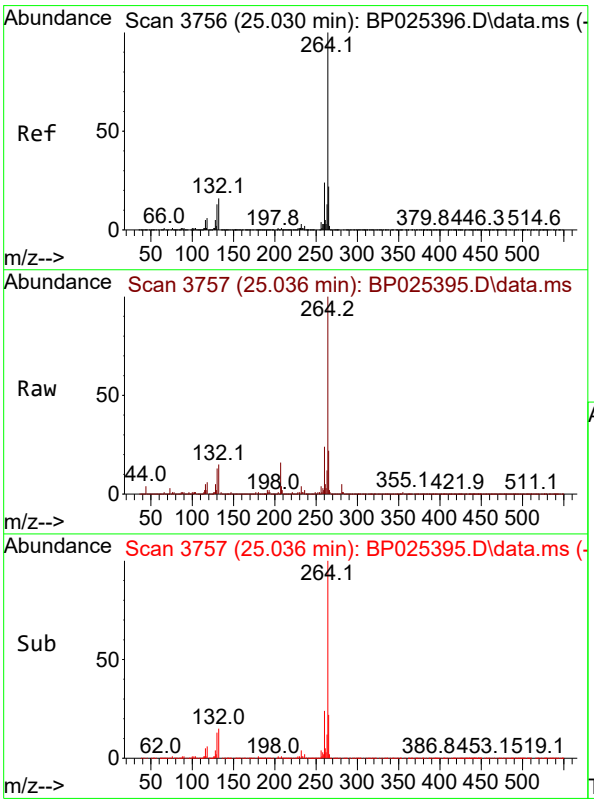
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.3	9.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

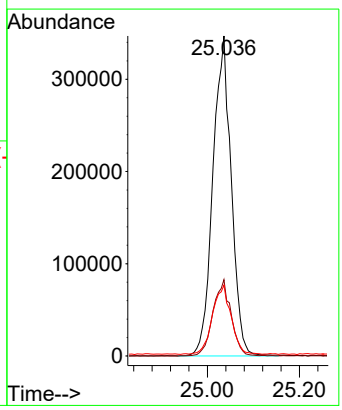


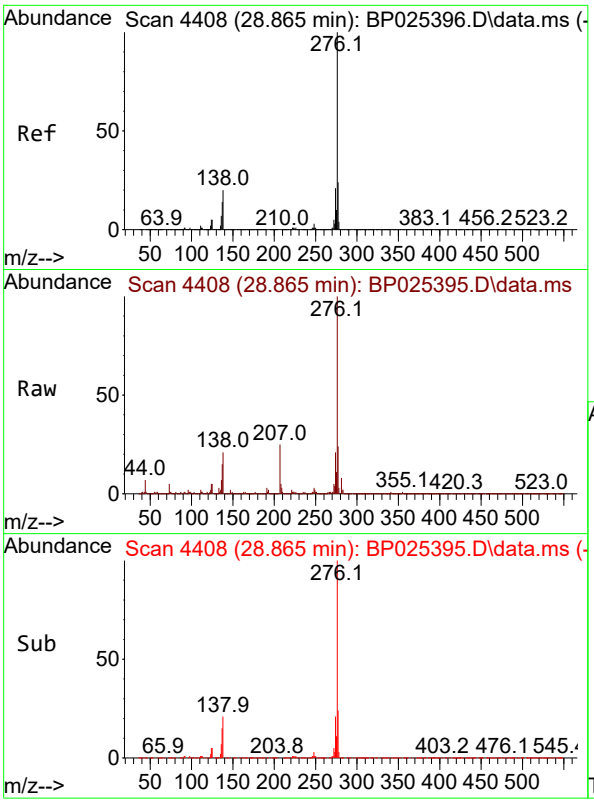


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:264 Resp: 958651

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.2	17.4	26.0

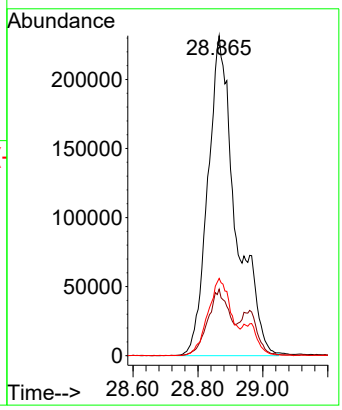




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.627 ng m
RT: 28.865 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:276 Resp: 138033

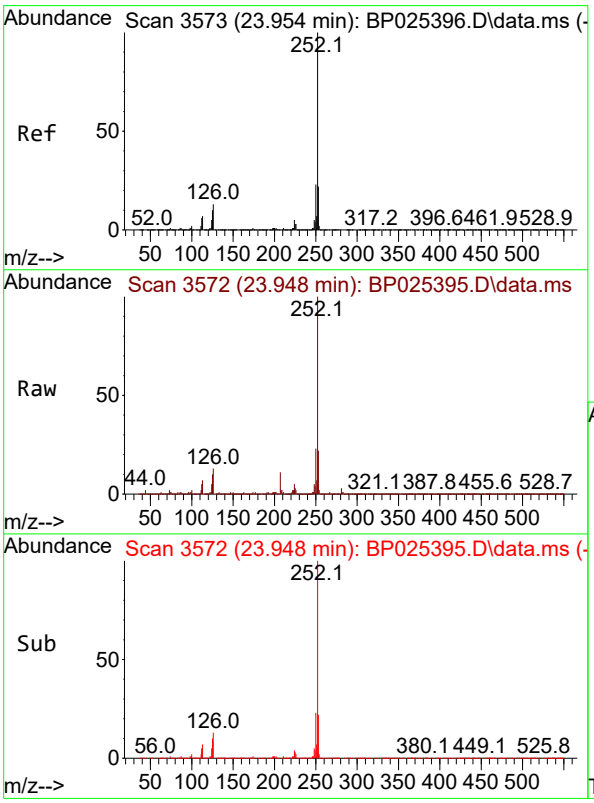
Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.9	19.3
277	20.1	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

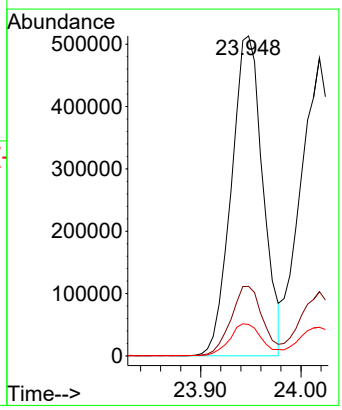
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

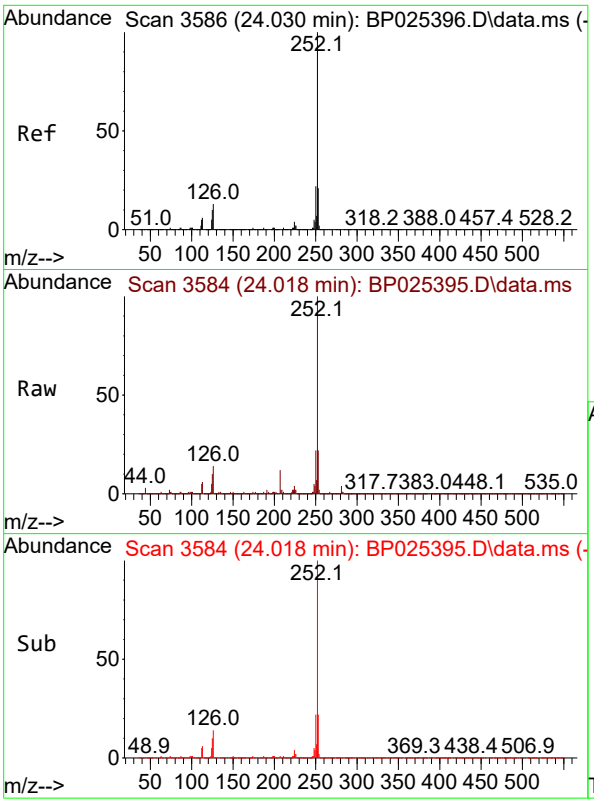


#88
Benzo(b)fluoranthene
Concen: 19.855 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 1122408

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.9	7.9	11.9

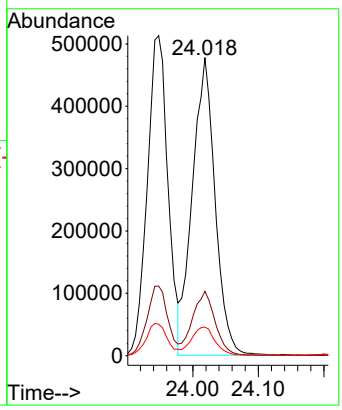




#89
Benzo(k)fluoranthene
Concen: 20.336 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 115036

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.6	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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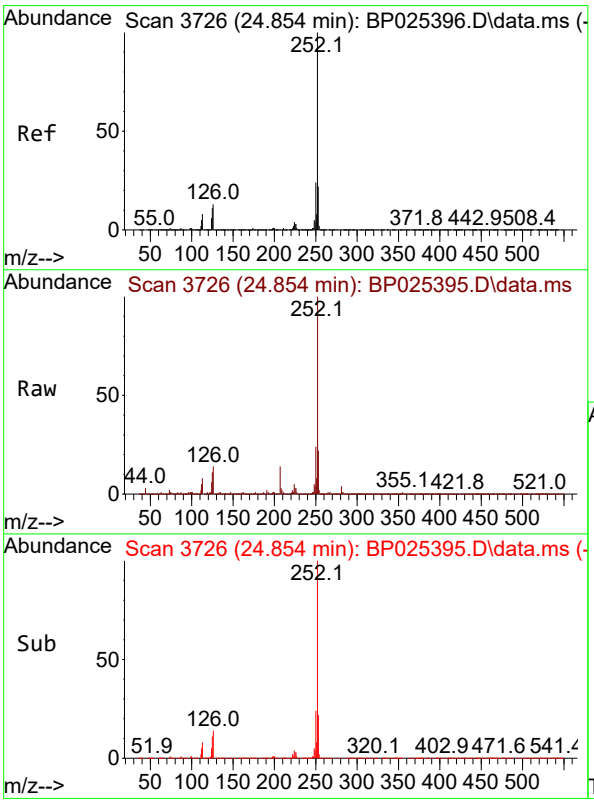
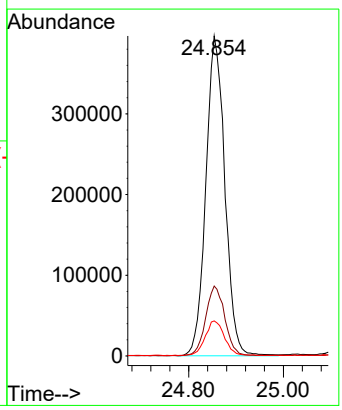
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

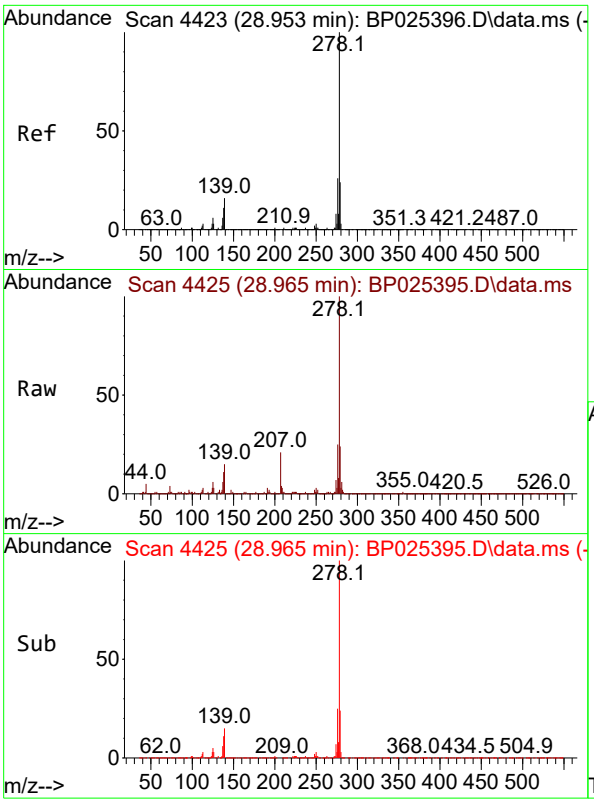


#90
Benzo(a)pyrene
Concen: 20.041 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 1102804

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.9	8.7	13.1

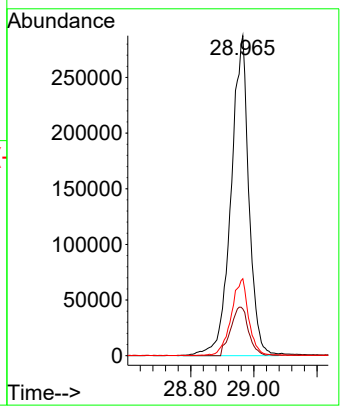




#91
Dibenzo(a,h)anthracene
Concen: 19.672 ng
RT: 28.965 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:278 Resp: 113020

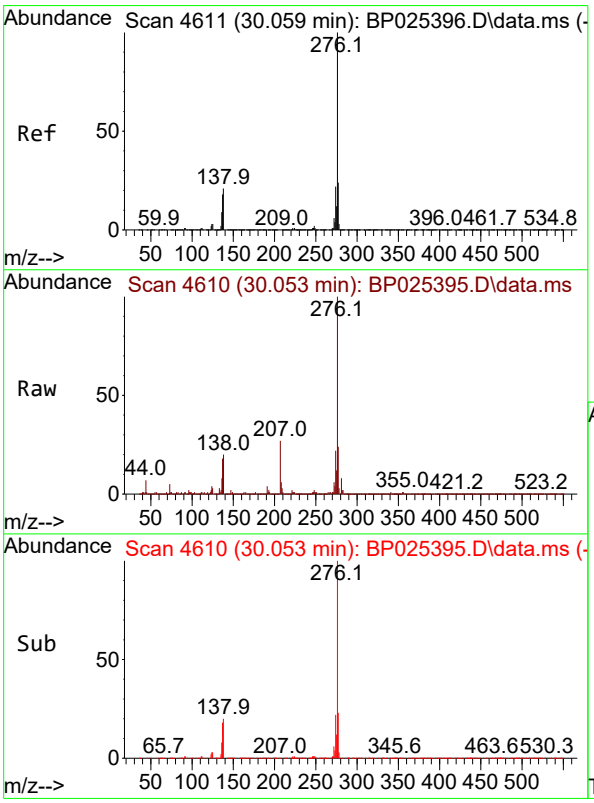
Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.0	19.4
279	24.1	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

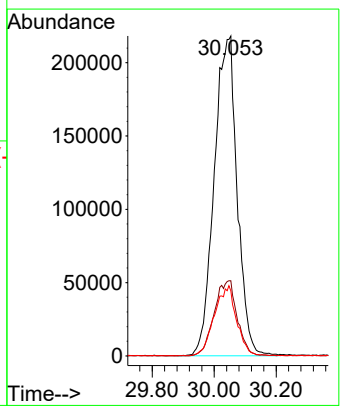
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 19.840 ng
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:276 Resp: 1120307

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	20.4	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	157704	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	663553	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	441110	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	884529	20.000	ng	0.00
76) Chrysene-d12	21.648	240	899207	20.000	ng	0.00
86) Perylene-d12	25.030	264	1022138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	733191	77.209	ng	0.00
7) Phenol-d6	6.966	99	954285	78.381	ng	0.00
23) Nitrobenzene-d5	8.937	82	1015557	77.420	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	463783	78.112	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2456787	76.118	ng	0.00
79) Terphenyl-d14	19.919	244	3760236	76.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	140326	37.726	ng	100
3) Pyridine	3.731	79	384936	37.809	ng	100
4) n-Nitrosodimethylamine	3.637	42	161267	38.421	ng	100
6) Aniline	7.125	93	637156	38.842	ng	100
8) 2-Chlorophenol	7.366	128	414233	38.655	ng	100
9) Benzaldehyde	6.943	77	430704	50.493	ng	100
10) Phenol	6.996	94	496755	38.884	ng	100
11) bis(2-Chloroethyl)ether	7.219	93	385335	38.698	ng	100
12) 1,3-Dichlorobenzene	7.684	146	455200	38.523	ng	100
13) 1,4-Dichlorobenzene	7.831	146	462800	38.319	ng	100
14) 1,2-Dichlorobenzene	8.143	146	451306	38.602	ng	100
15) Benzyl Alcohol	8.025	79	376323	38.901	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.313	45	510991	38.308	ng	100
17) 2-Methylphenol	8.225	107	349313	39.369	ng	100
18) Hexachloroethane	8.866	117	171906	38.712	ng	100
19) n-Nitroso-di-n-propyla...	8.590	70	312773	38.737	ng	100
20) 3+4-Methylphenols	8.549	107	481148	39.121	ng	100
22) Acetophenone	8.601	105	644124	38.708	ng	100
24) Nitrobenzene	8.972	77	457175	38.997	ng	100
25) Isophorone	9.501	82	893987	38.510	ng	100
26) 2-Nitrophenol	9.678	139	239675	39.837	ng	100
27) 2,4-Dimethylphenol	9.743	122	408572	39.489	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	540282	38.502	ng	100
29) 2,4-Dichlorophenol	10.213	162	405233	39.427	ng	100
30) 1,2,4-Trichlorobenzene	10.425	180	434105	38.529	ng	100
31) Naphthalene	10.613	128	1326839	38.472	ng	100
32) Benzoic acid	9.872	122	301281	39.537	ng	100
33) 4-Chloroaniline	10.713	127	599466	39.350	ng	100
34) Hexachlorobutadiene	10.901	225	271549	38.700	ng	100
35) Caprolactam	11.495	113	145175	38.520	ng	100
36) 4-Chloro-3-methylphenol	11.837	107	459473	38.959	ng	100
37) 2-Methylnaphthalene	12.219	142	865427	38.559	ng	100
38) 1-Methylnaphthalene	12.437	142	909865	38.120	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	494141	38.787	ng	100
41) Hexachlorocyclopentadiene	12.572	237	307015	39.896	ng	100
43) 2,4,6-Trichlorophenol	12.825	196	337157	39.201	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	373880	39.664	ng	100
46) 1,1'-Biphenyl	13.231	154	1242247	38.777	ng	100
47) 2-Chloronaphthalene	13.272	162	970903	38.930	ng	100
48) 2-Nitroaniline	13.472	65	291341	40.092	ng	100
49) Acenaphthylene	14.125	152	1593636	38.617	ng	100
50) Dimethylphthalate	13.860	163	1237666	38.316	ng	100
51) 2,6-Dinitrotoluene	13.966	165	272750	40.061	ng	100
52) Acenaphthene	14.466	154	918569	37.921	ng	100
53) 3-Nitroaniline	14.301	138	301417	39.349	ng	100
54) 2,4-Dinitrophenol	14.507	184	144100	39.633	ng	100
55) Dibenzofuran	14.807	168	1479220	38.624	ng	100
56) 4-Nitrophenol	14.613	139	246542	39.168	ng	100
57) 2,4-Dinitrotoluene	14.766	165	386189	39.757	ng	100
58) Fluorene	15.466	166	1151825	38.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	324396	38.975	ng	100
60) Diethylphthalate	15.236	149	1264740	38.533	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	574546	38.228	ng	100
62) 4-Nitroaniline	15.478	138	309740	39.443	ng	100
63) Azobenzene	15.754	77	1091004	38.820	ng	100
65) 4,6-Dinitro-2-methylph...	15.542	198	217153	39.384	ng	100
66) n-Nitrosodiphenylamine	15.678	169	1045170	38.749	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	376864	38.739	ng	100
68) Hexachlorobenzene	16.489	284	428361	37.986	ng	100
69) Atrazine	16.654	200	386256	38.238	ng	100
70) Pentachlorophenol	16.842	266	278412	39.110	ng	100
71) Phenanthrene	17.242	178	1839191	37.851	ng	100
72) Anthracene	17.336	178	1908189	38.456	ng	100
73) Carbazole	17.613	167	1781890	38.125	ng	100
74) Di-n-butylphthalate	18.207	149	2201043	38.277	ng	100
75) Fluoranthene	19.324	202	2172758	37.488	ng	100
77) Benzidine	19.513	184	1738926	56.665	ng	100
78) Pyrene	19.701	202	2290461	39.189	ng	100
80) Butylbenzylphthalate	20.648	149	1041998	39.338	ng	100
81) Benzo(a)anthracene	21.630	228	2280774	38.460	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	877708	39.266	ng	100
83) Chrysene	21.695	228	2125866	38.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	1493804	38.310	ng	100
85) Di-n-octyl phthalate	22.871	149	2597558	38.730	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	2884713m	38.470	ng	
88) Benzo(b)fluoranthene	23.954	252	2318198	38.462	ng	100
89) Benzo(k)fluoranthene	24.030	252	2309091	38.285	ng	100
90) Benzo(a)pyrene	24.854	252	2265862	38.620	ng	100
91) Dibenzo(a,h)anthracene	28.953	278	2363840	38.589	ng	100
92) Benzo(g,h,i)perylene	30.059	276	2327292	38.654	ng	100

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

ICAL Form

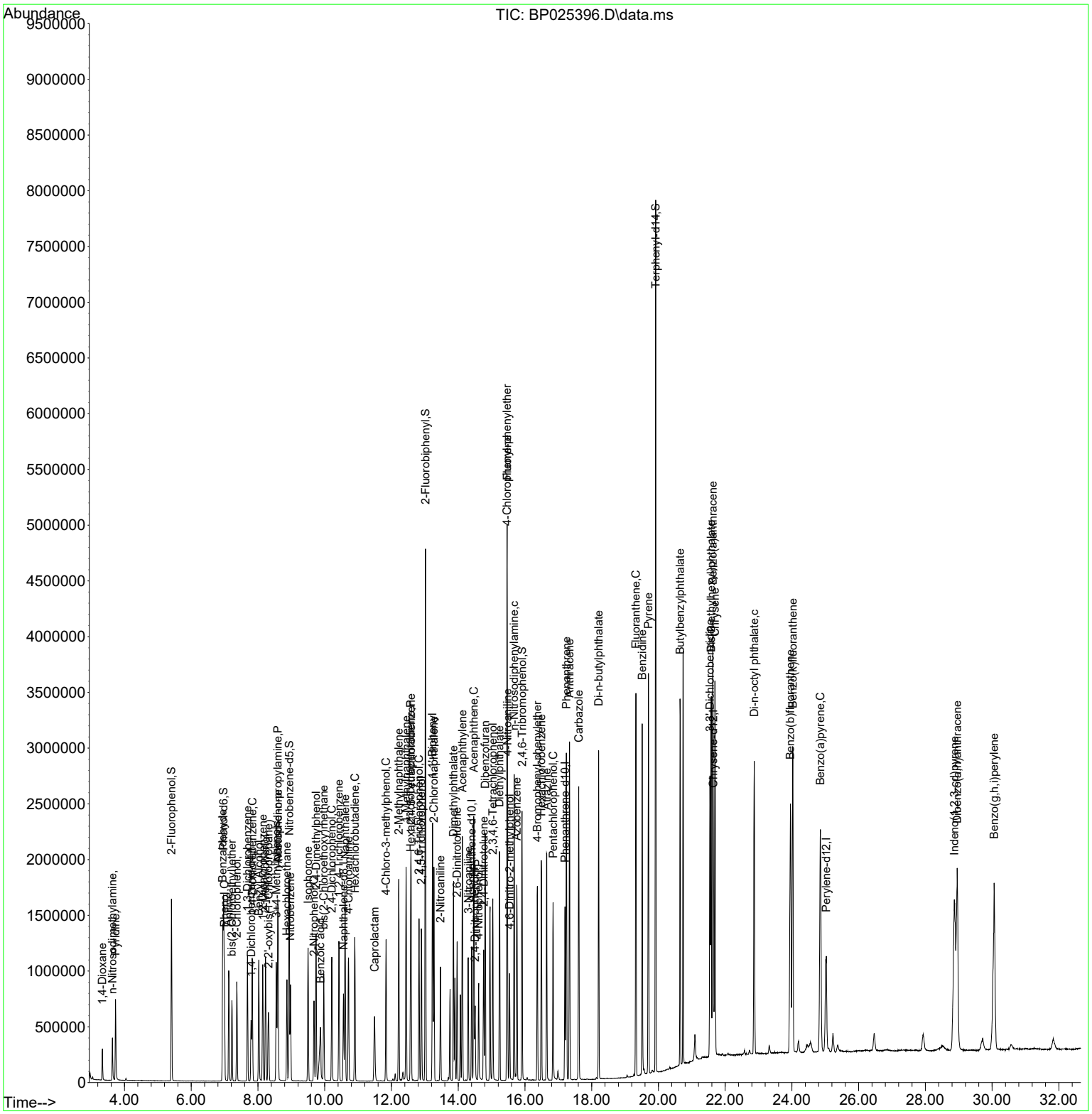
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

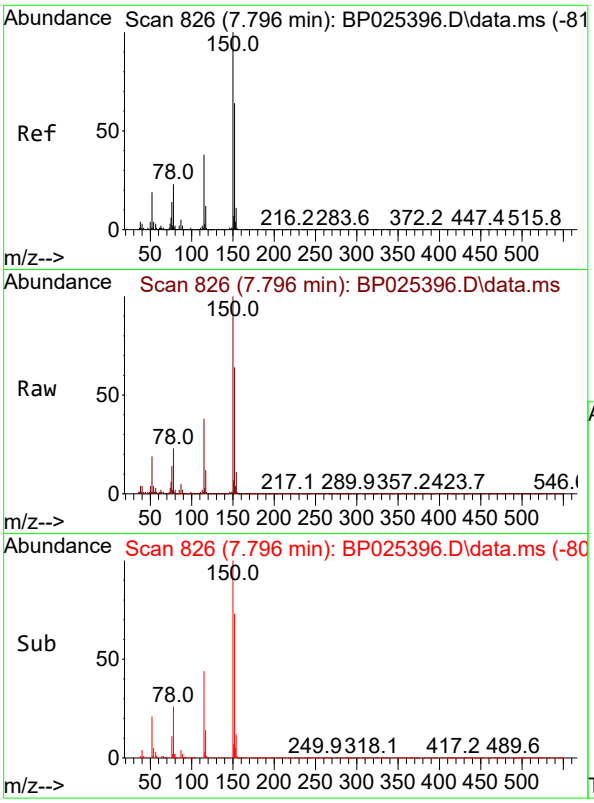
Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

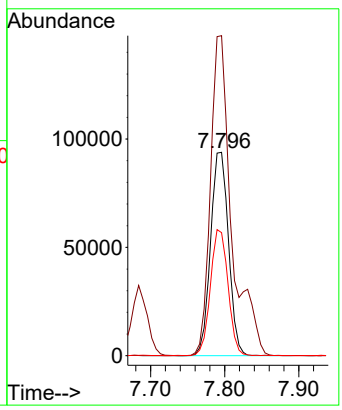




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:152 Resp: 15770

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	60.6	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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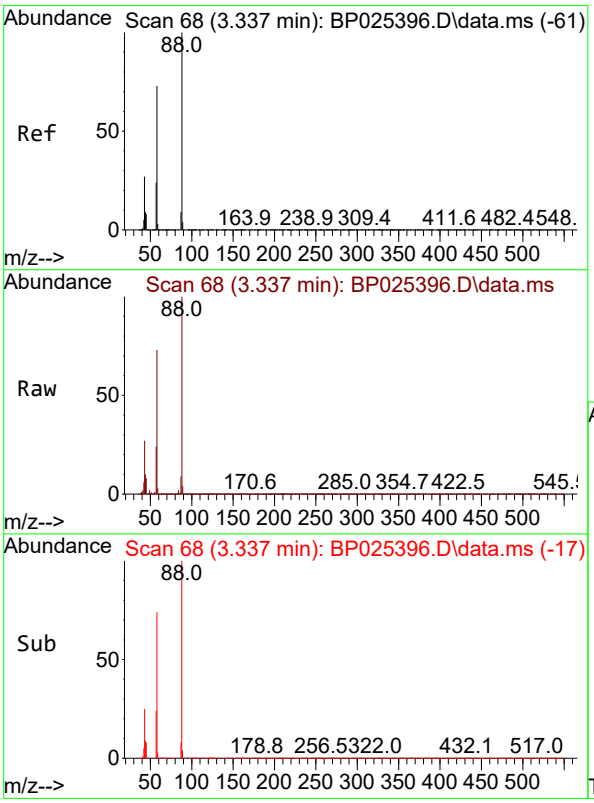
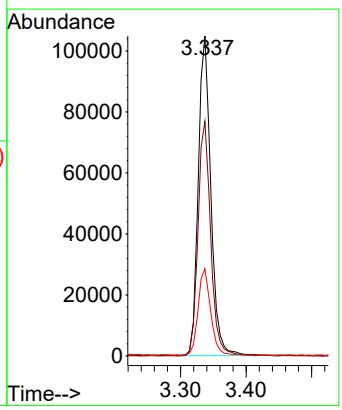
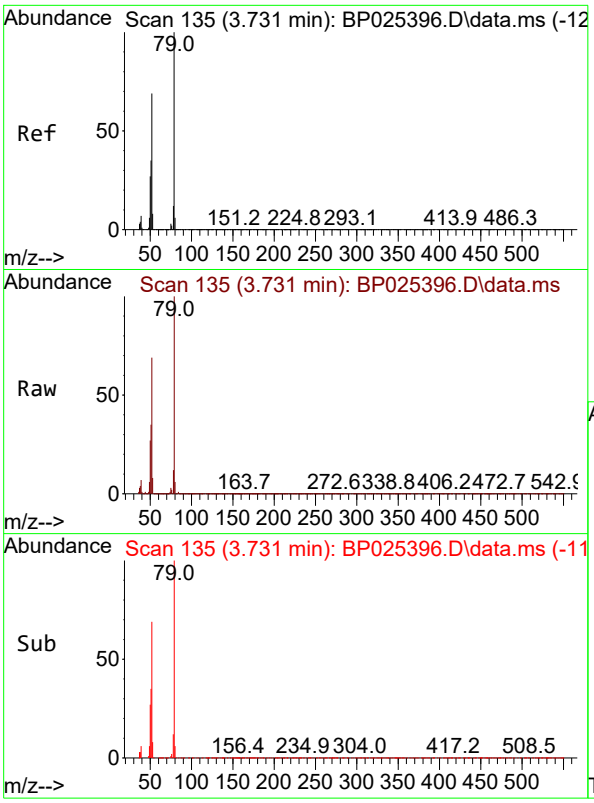


#2
1,4-Dioxane
Concen: 37.726 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 88 Resp: 140326

Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.2	88.8
43	27.1	21.7	32.5

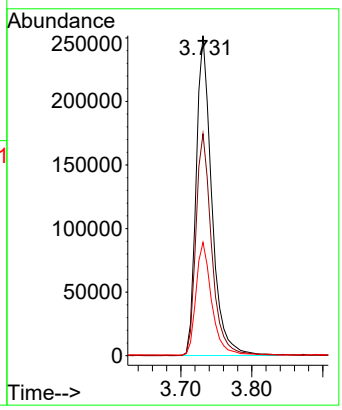




#3
Pyridine
Concen: 37.809 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 79 Resp: 38493

Ion	Ratio	Lower	Upper
79	100		
52	69.4	55.5	83.3
51	35.4	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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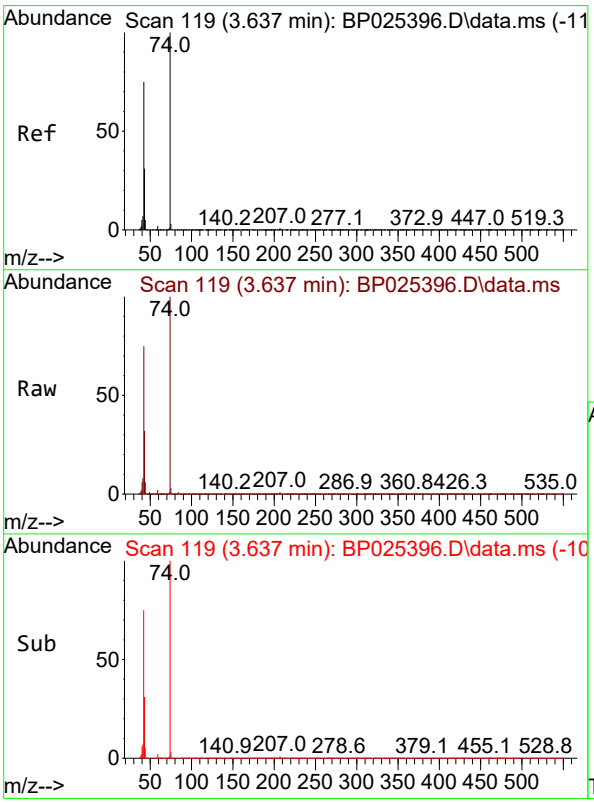
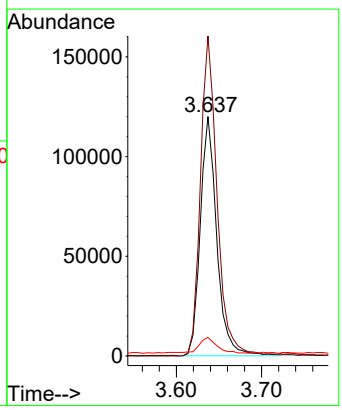
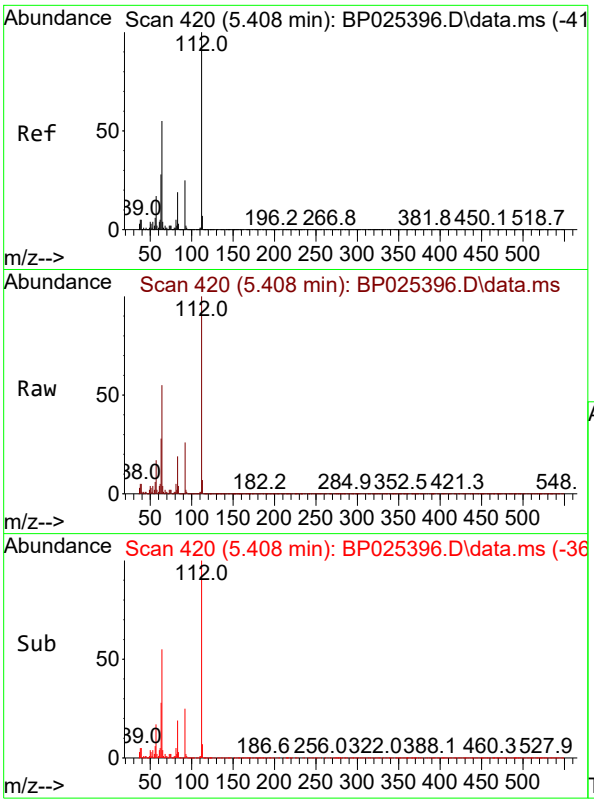


#4
n-Nitrosodimethylamine
Concen: 38.421 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 42 Resp: 161267

Ion	Ratio	Lower	Upper
42	100		
74	133.7	107.0	160.4
44	7.8	6.2	9.4

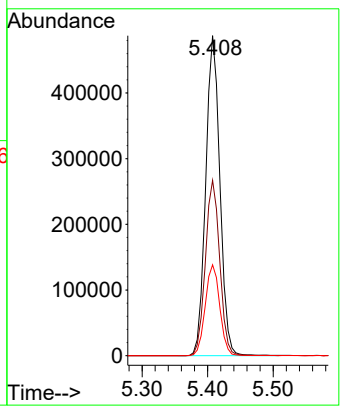




#5
2-Fluorophenol
Concen: 77.209 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:112 Resp: 73319

Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.8	65.8
63	28.4	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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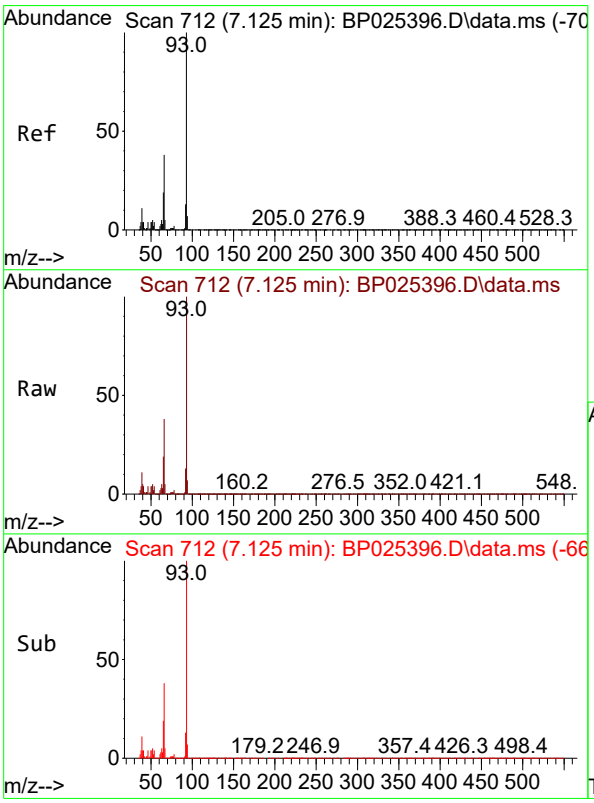
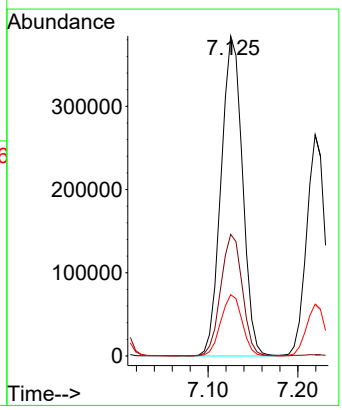
Supervised By :Jagrut Upadhyay 08/15/2025

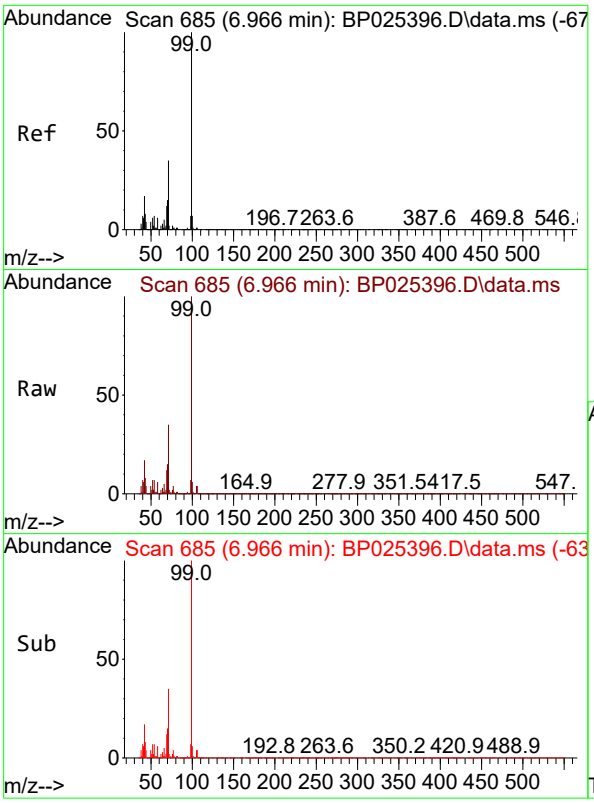


#6
Aniline
Concen: 38.842 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 637156

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	19.1	15.3	22.9

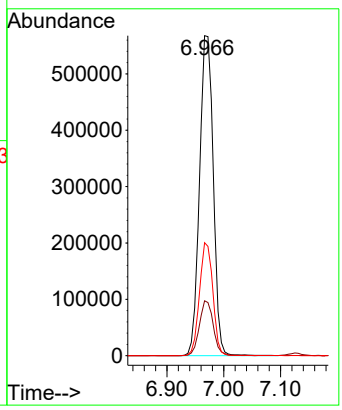




#7
Phenol-d6
Concen: 78.381 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 99 Resp: 95428

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	35.3	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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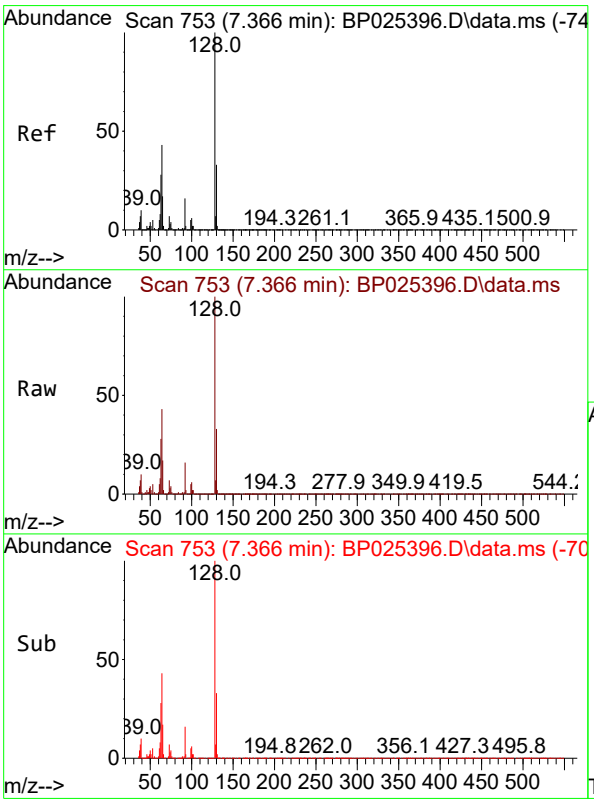
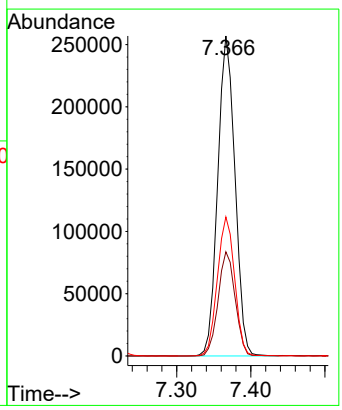
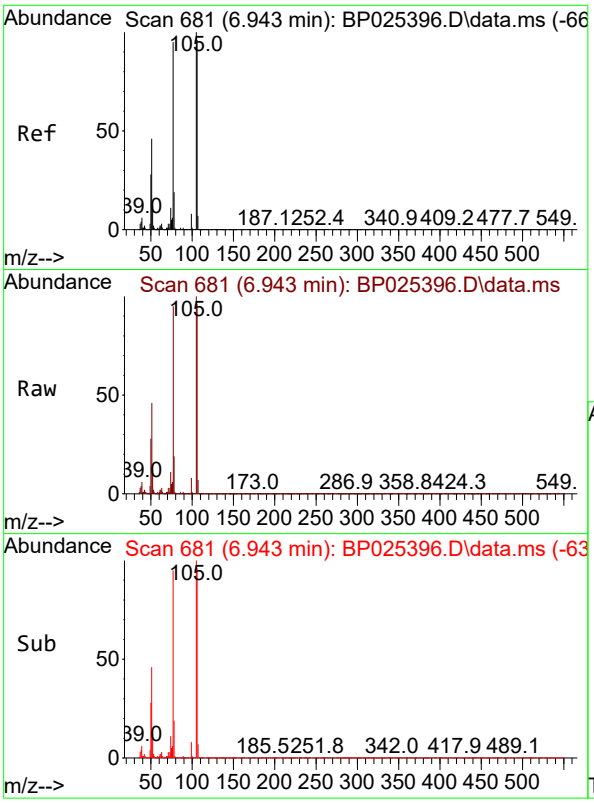


#8
2-Chlorophenol
Concen: 38.655 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:128 Resp: 414233

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	43.4	23.4	63.4

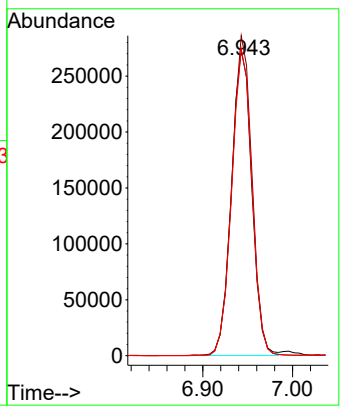




#9
Benzaldehyde
Concen: 50.493 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 77 Resp: 43070

Ion	Ratio	Lower	Upper
77	100		
105	104.8	84.8	124.8
106	100.5	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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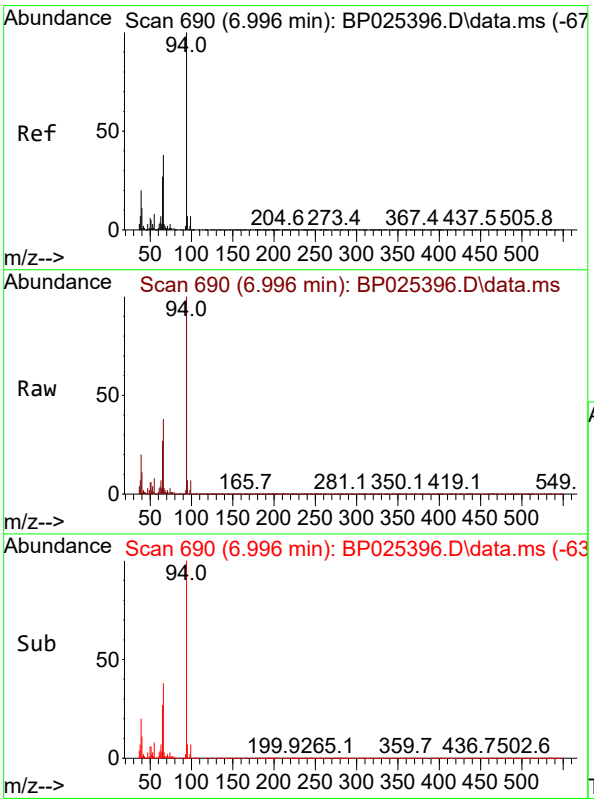
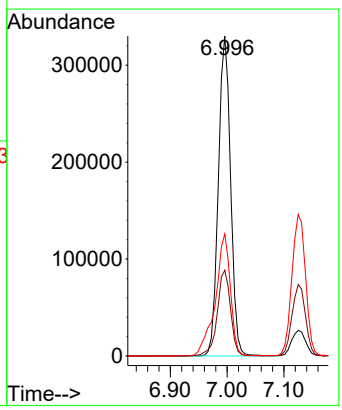
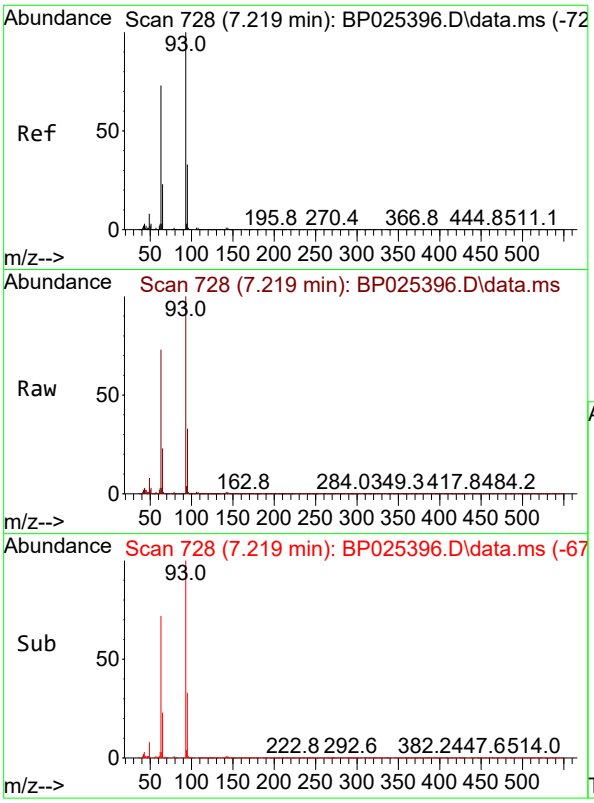


#10
Phenol
Concen: 38.884 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 94 Resp: 496755

Ion	Ratio	Lower	Upper
94	100		
65	26.8	6.8	46.8
66	38.2	18.2	58.2

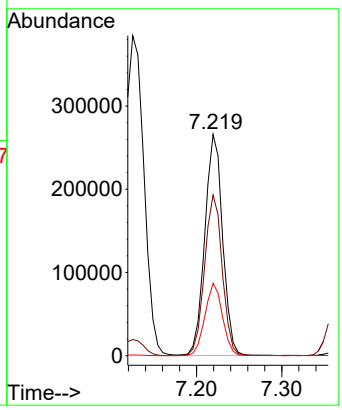




#11
bis(2-Chloroethyl)ether
Concen: 38.698 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 38533

Ion	Ratio	Lower	Upper
93	100		
63	72.6	52.6	92.6
95	32.7	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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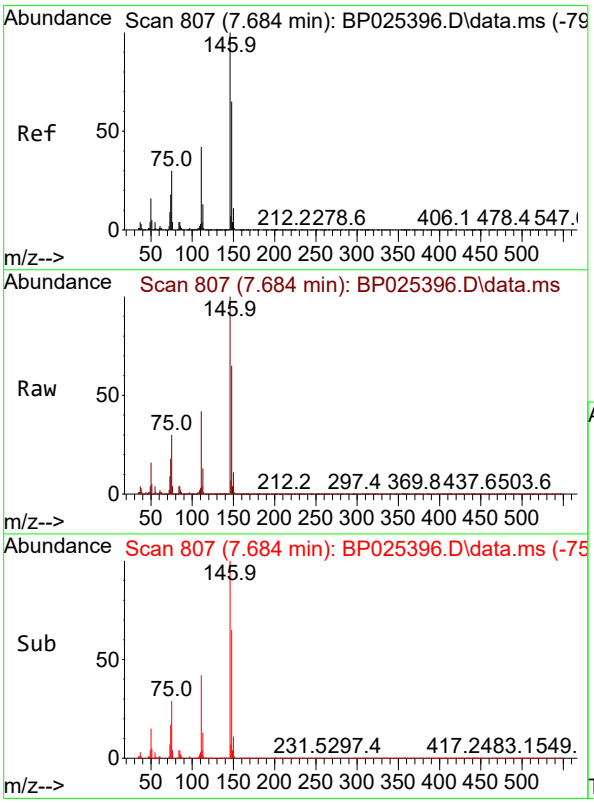
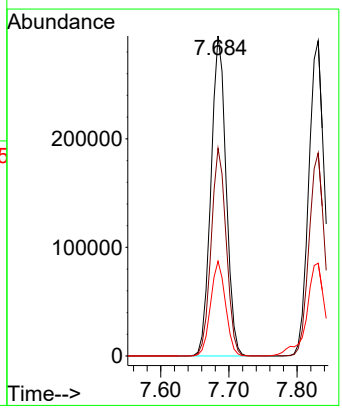
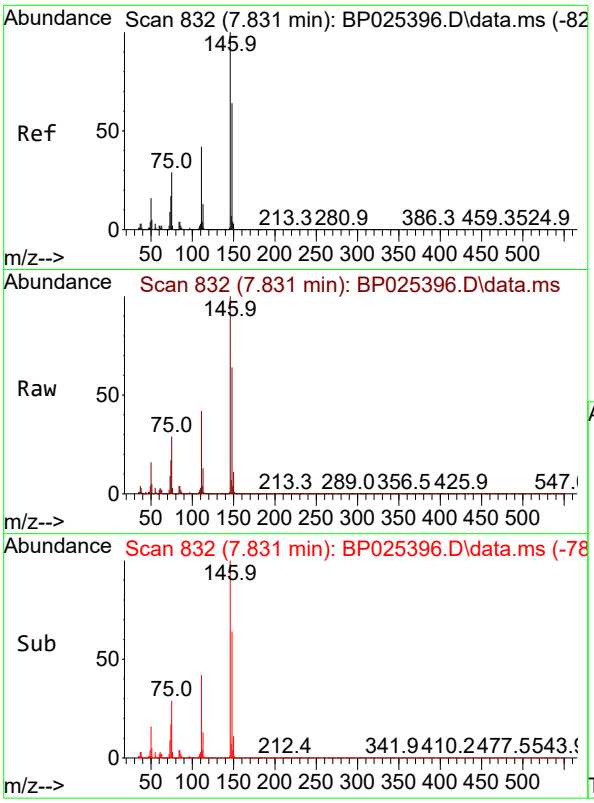


#12
1,3-Dichlorobenzene
Concen: 38.523 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:146 Resp: 455200

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	29.6	23.7	35.5

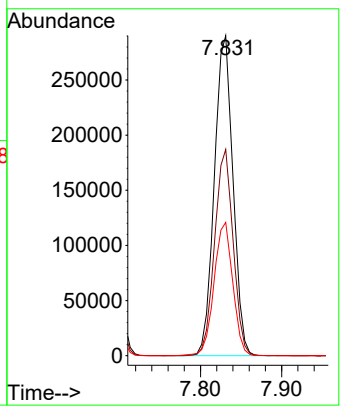




#13
1,4-Dichlorobenzene
Concen: 38.319 ng
RT: 7.831 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:146 Resp: 46280

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	41.7	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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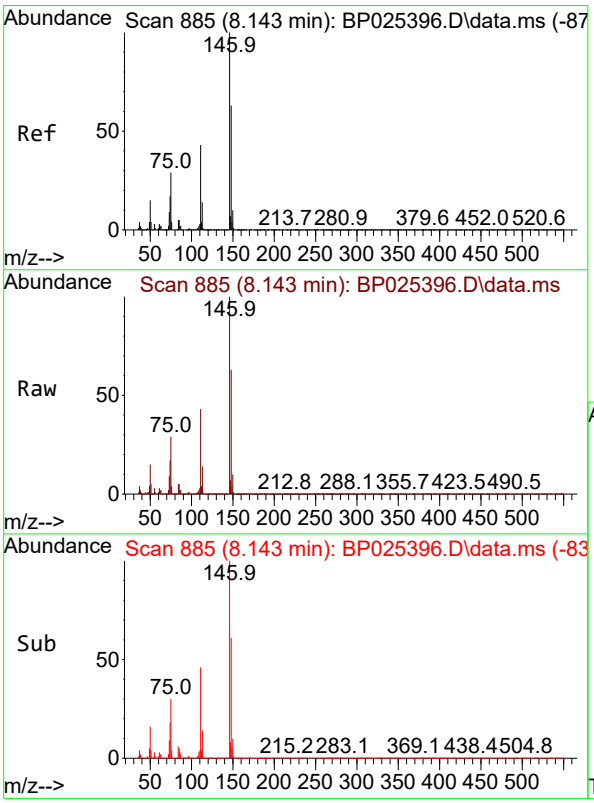
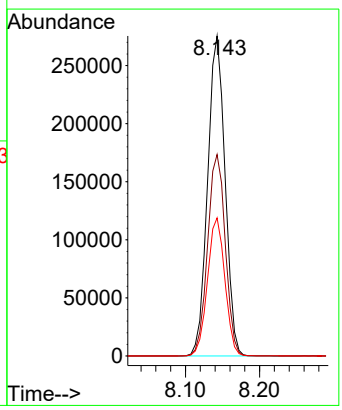
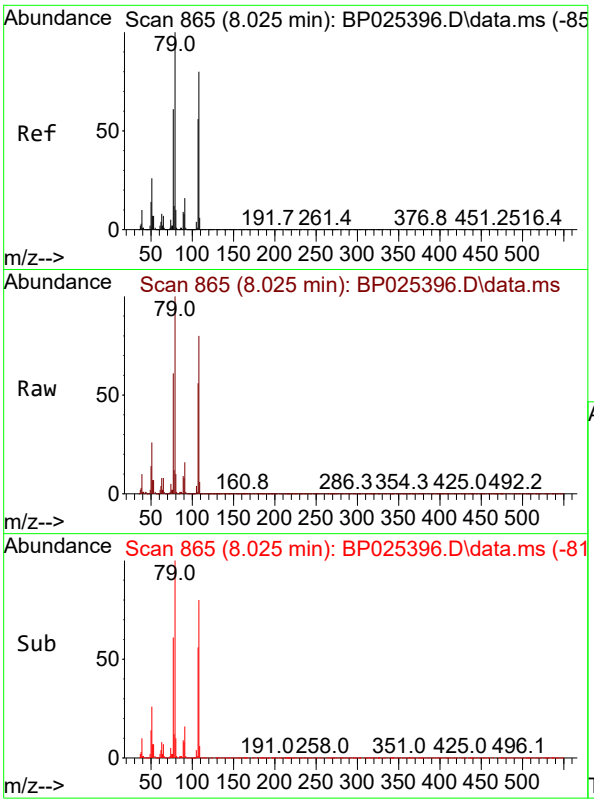


#14
1,2-Dichlorobenzene
Concen: 38.602 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:146 Resp: 451306

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	43.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 38.901 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 79 Resp: 37632

Ion	Ratio	Lower	Upper
79	100		
108	79.7	63.8	95.6
77	61.2	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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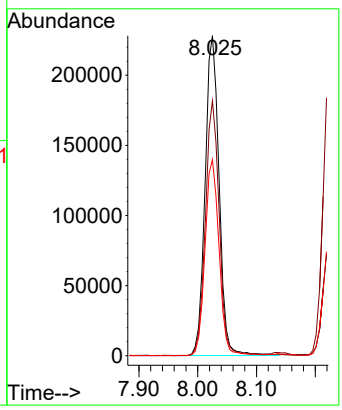
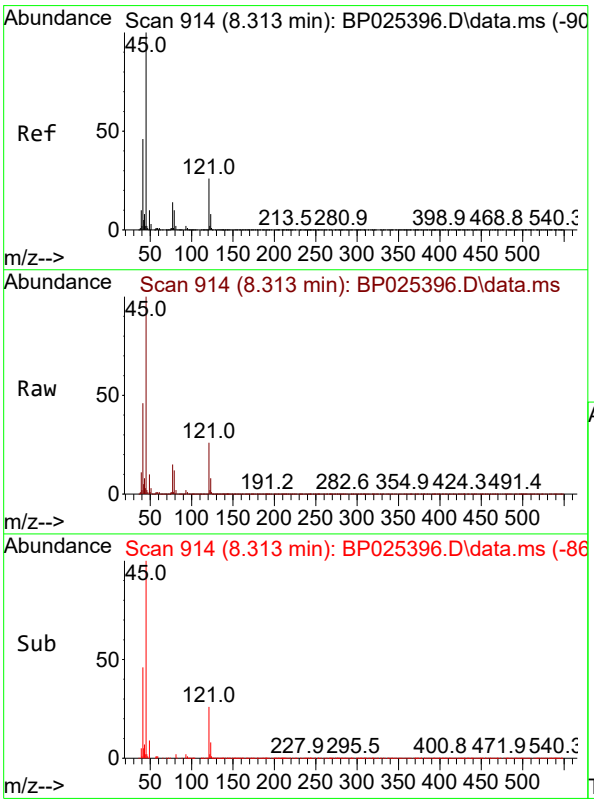
Supervised By :Jagrut Upadhyay 08/15/2025

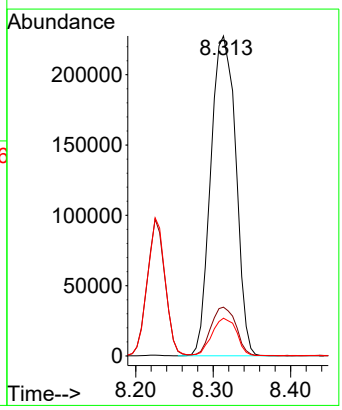


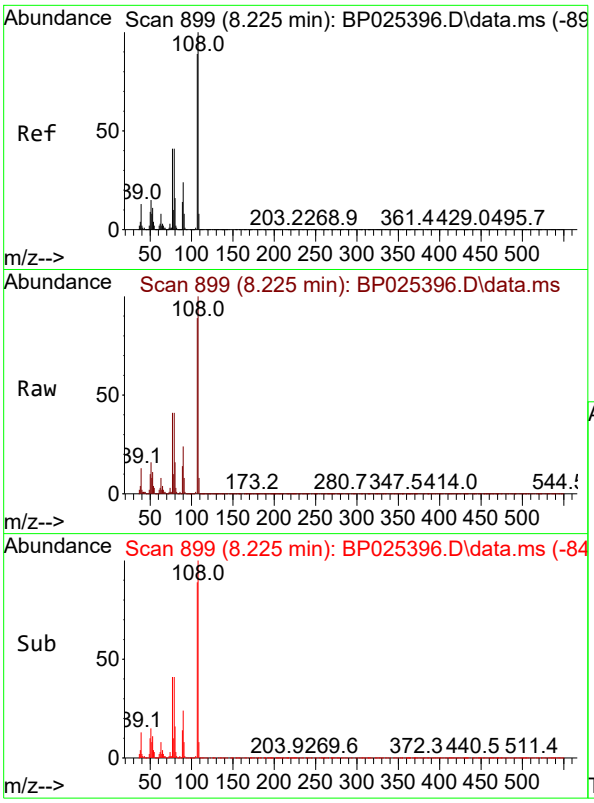


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.308 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 45 Resp: 510991

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	35.3
79	11.8	0.0	31.8

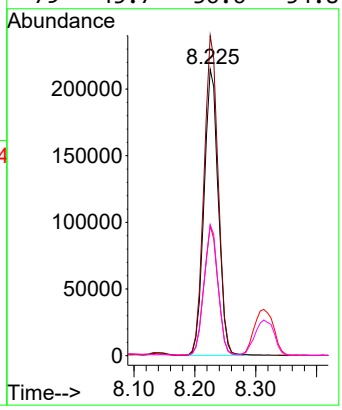




#17
2-Methylphenol
Concen: 39.369 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 34931

Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.4	134.0
77	45.4	36.3	54.5
79	45.7	36.6	54.8



Instrument :
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ClientSampleId :
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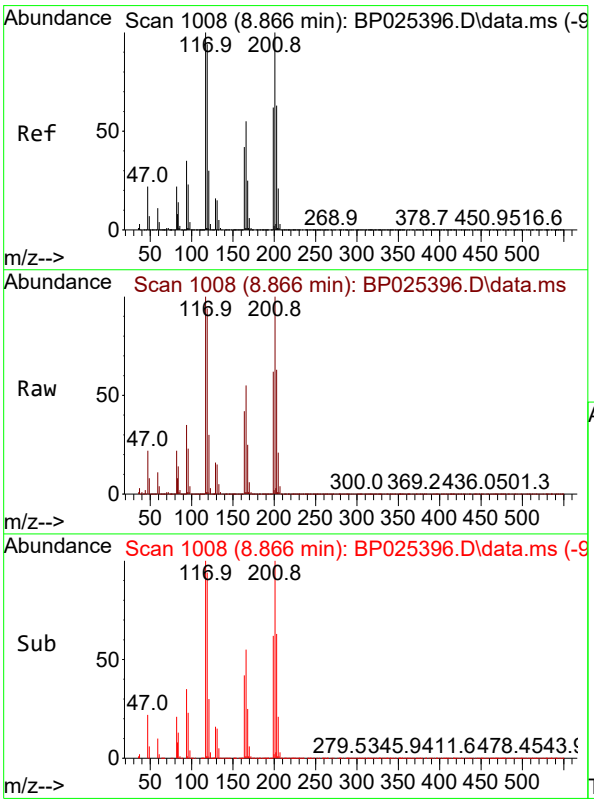
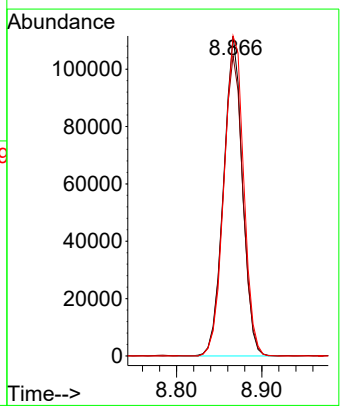
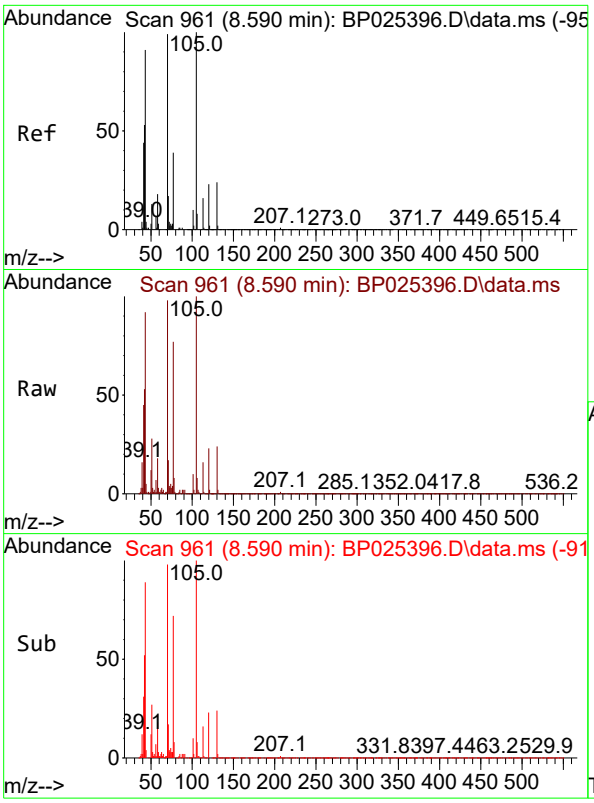


#18
Hexachloroethane
Concen: 38.712 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:117 Resp: 171906

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.1	112.7
201	100.1	80.1	120.1

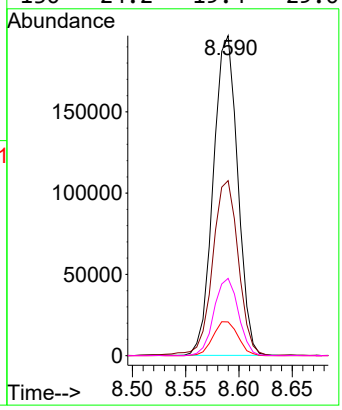




#19
n-Nitroso-di-n-propylamine
Concen: 38.737 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 70 Resp: 31277

Ion	Ratio	Lower	Upper
70	100		
42	54.7	43.8	65.6
101	10.6	8.5	12.7
130	24.2	19.4	29.0



Instrument :
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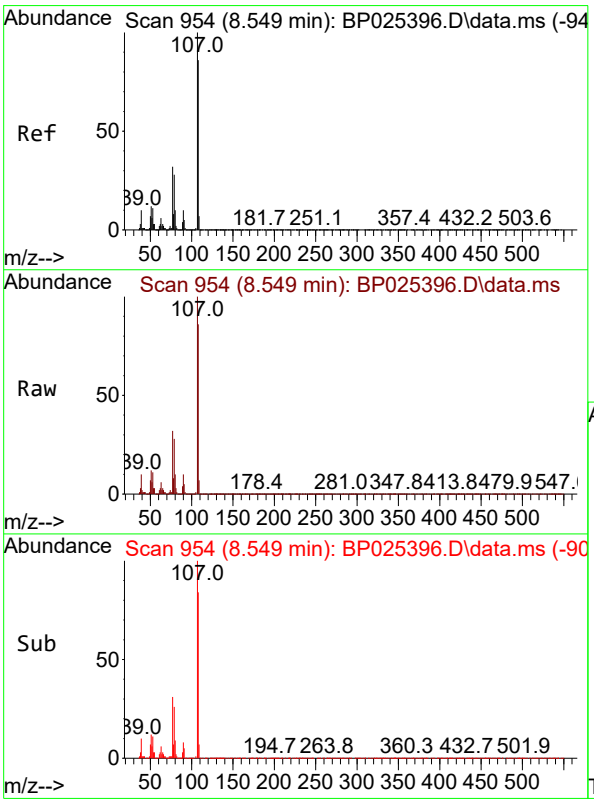
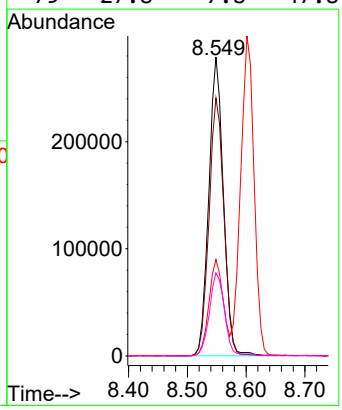
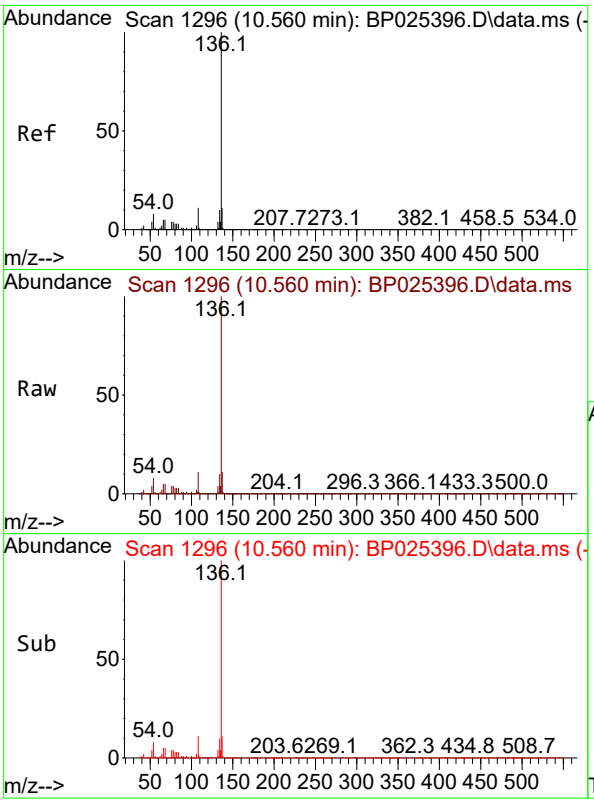


#20
3+4-Methylphenols
Concen: 39.121 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 481148

Ion	Ratio	Lower	Upper
107	100		
108	86.3	66.3	106.3
77	32.3	12.3	52.3
79	27.8	7.8	47.8

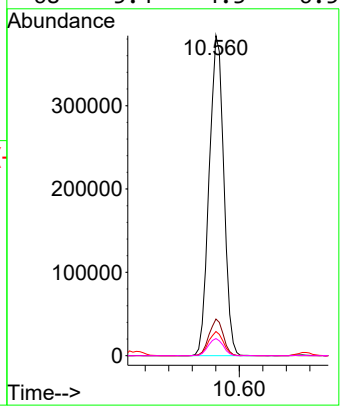




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:136 Resp: 66355

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.5	6.0	9.0
68	5.4	4.3	6.5



Instrument :
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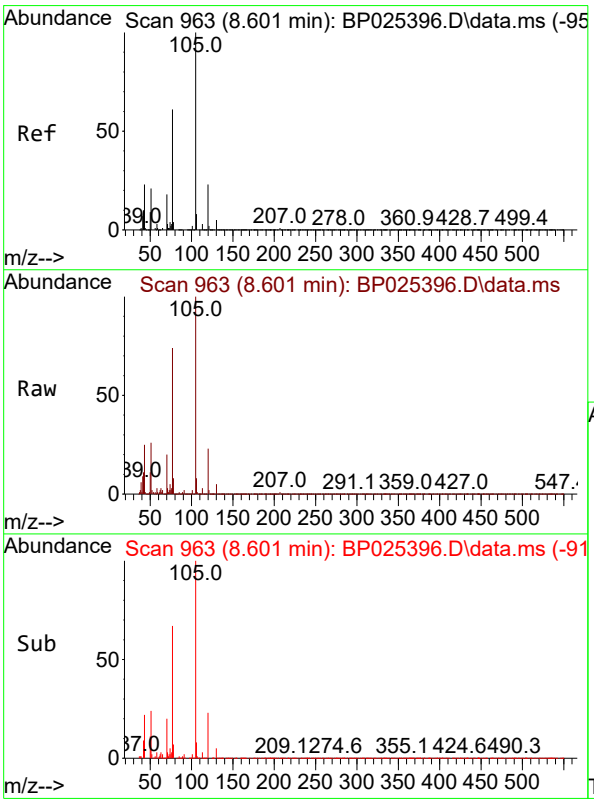
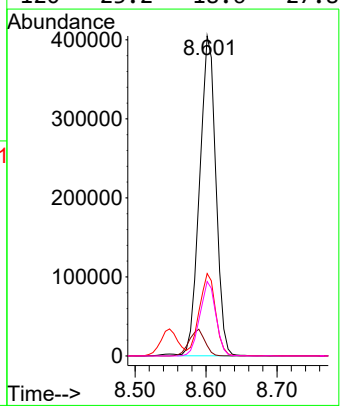
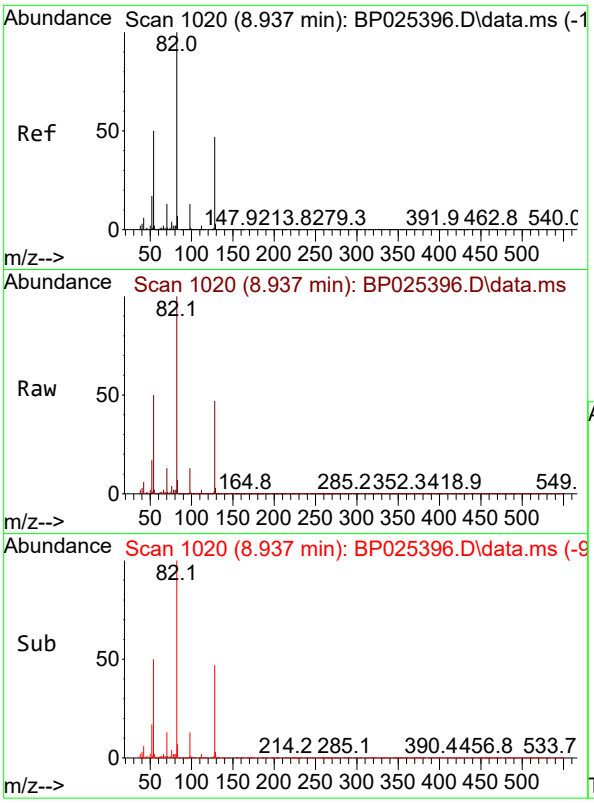


#22
Acetophenone
Concen: 38.708 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:105 Resp: 644124

Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.6	4.0
51	25.7	20.6	30.8
120	23.2	18.6	27.8

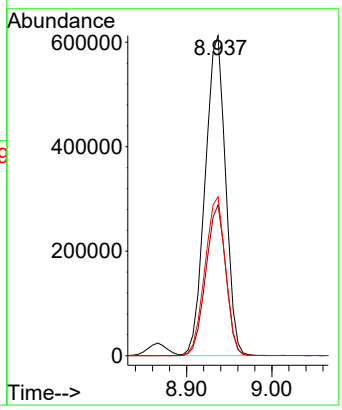




#23
Nitrobenzene-d5
Concen: 77.420 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 82 Resp: 101555

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.7	56.5
54	49.7	39.8	59.6



Instrument :
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ClientSampleId :
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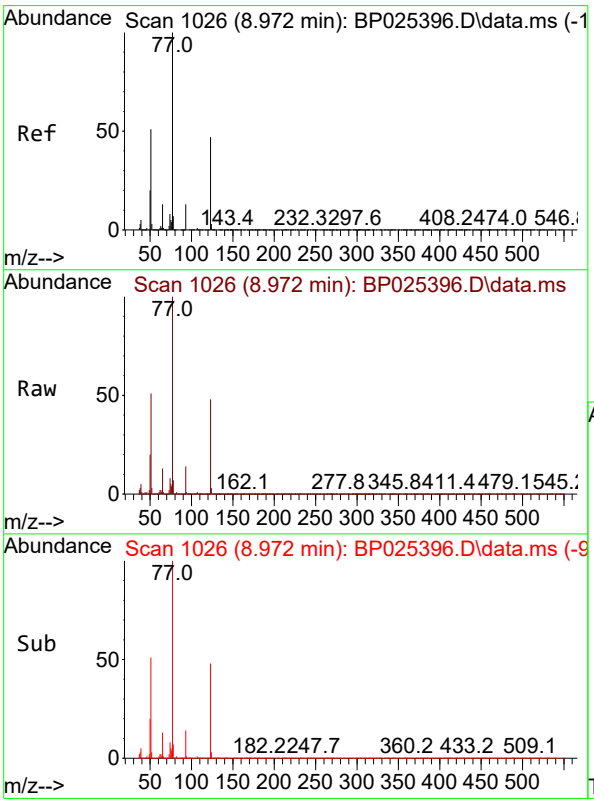
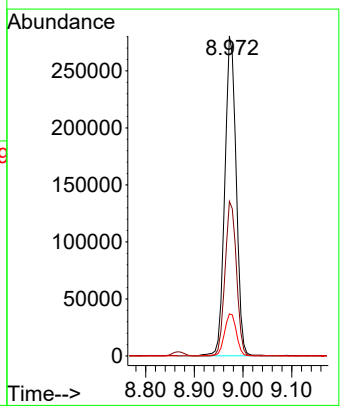
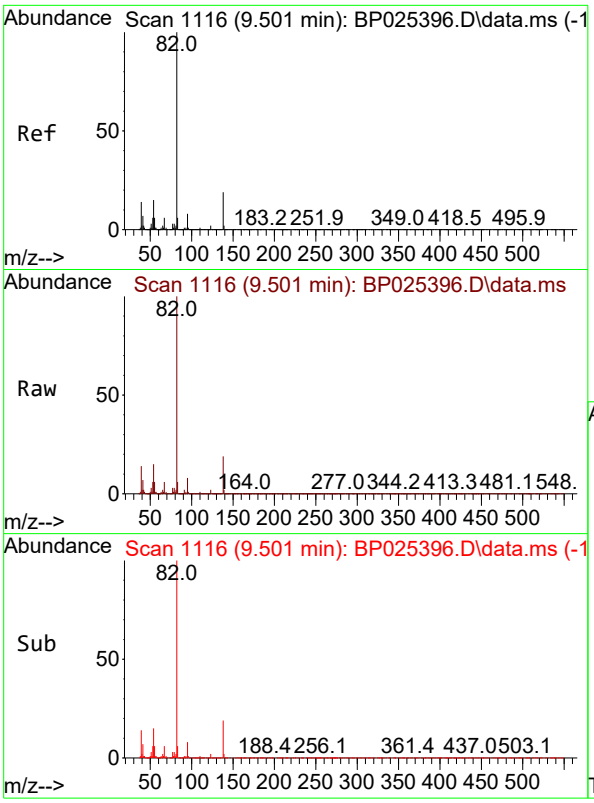


#24
Nitrobenzene
Concen: 38.997 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 77 Resp: 457175

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	58.0
65	13.2	10.6	15.8

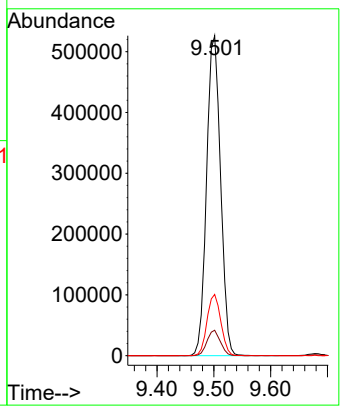




#25
Isophorone
Concen: 38.510 ng
RT: 9.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 82 Resp: 89398

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.4	9.6
138	19.2	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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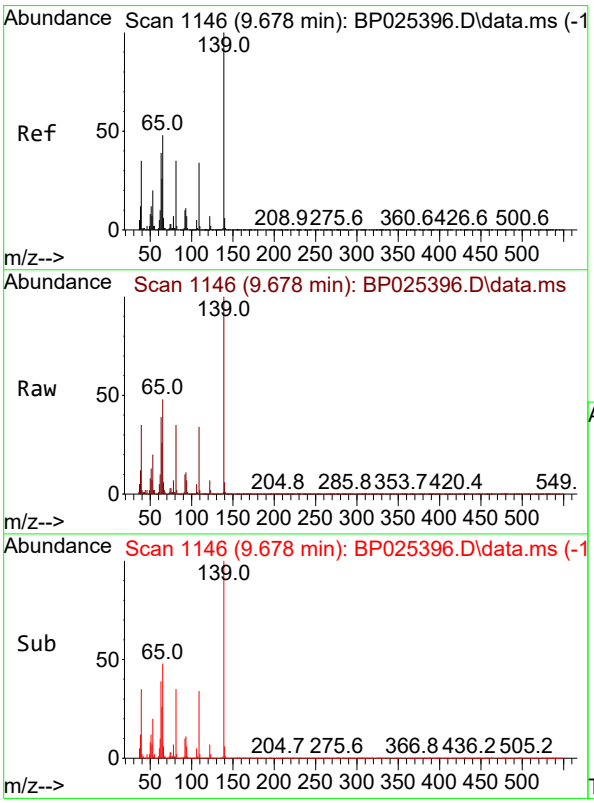
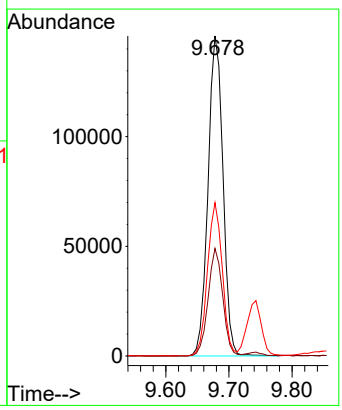
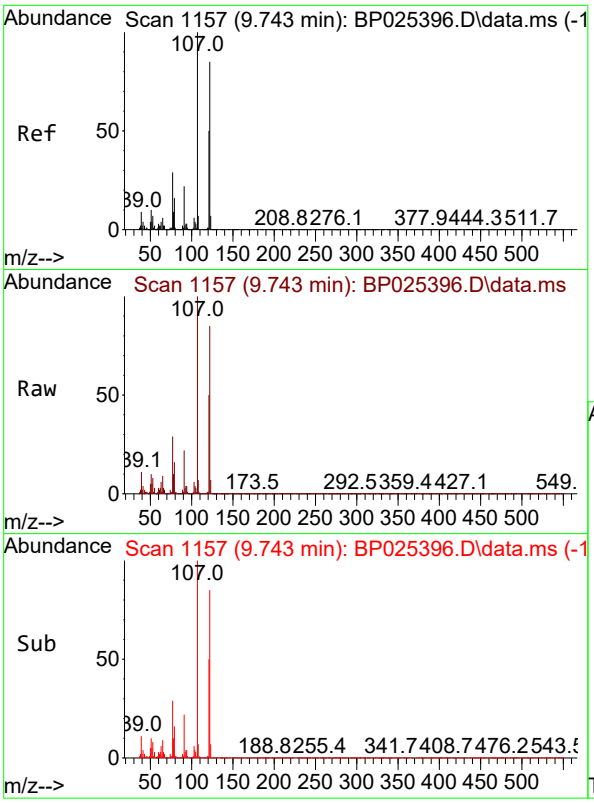


#26
2-Nitrophenol
Concen: 39.837 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:139 Resp: 239675

Ion	Ratio	Lower	Upper
139	100		
109	33.6	26.9	40.3
65	47.9	38.3	57.5

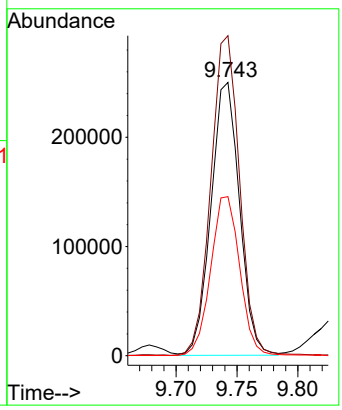




#27
2,4-Dimethylphenol
Concen: 39.489 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:122 Resp: 40857

Ion	Ratio	Lower	Upper
122	100		
107	117.1	93.7	140.5
121	58.2	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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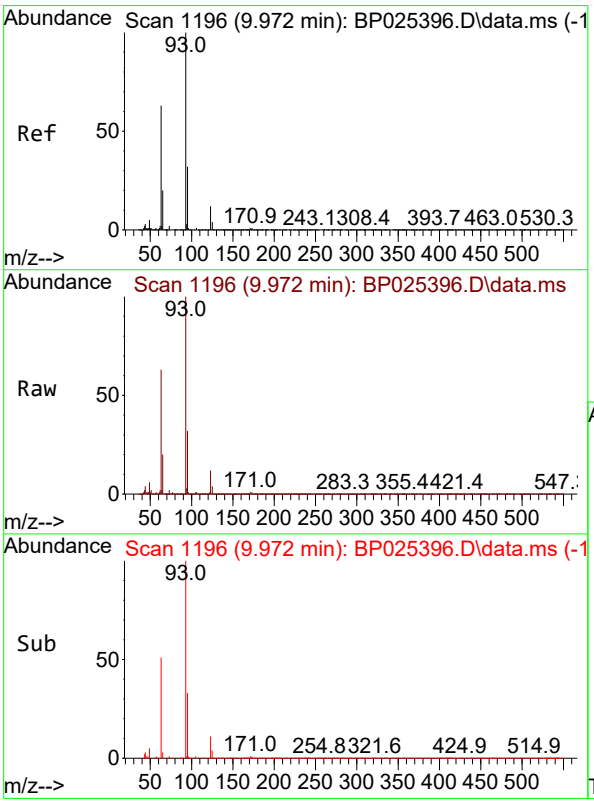
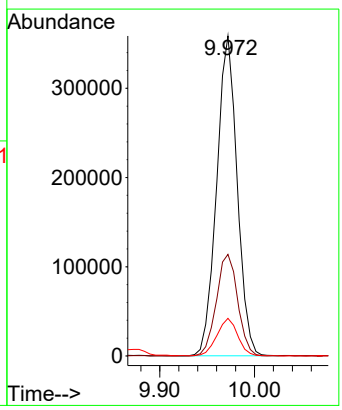
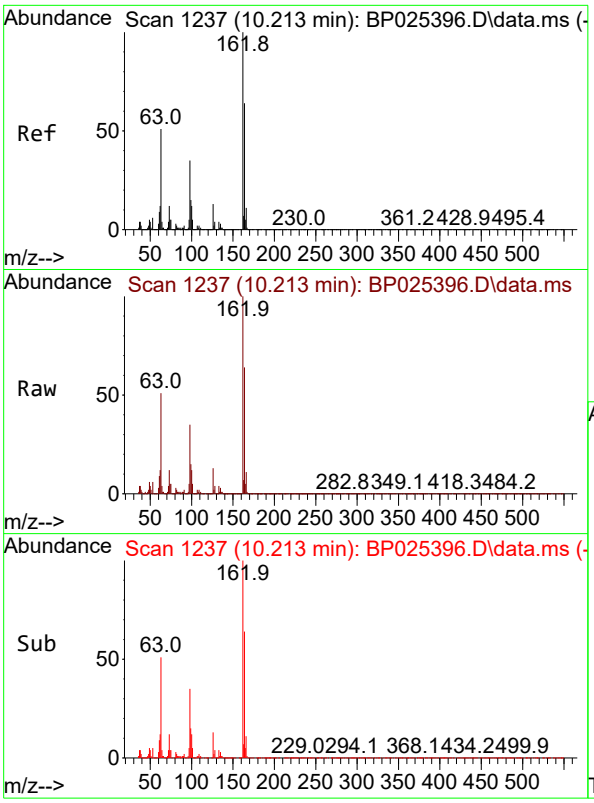


#28
bis(2-Chloroethoxy)methane
Concen: 38.502 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 540282

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.0
123	11.7	9.4	14.0

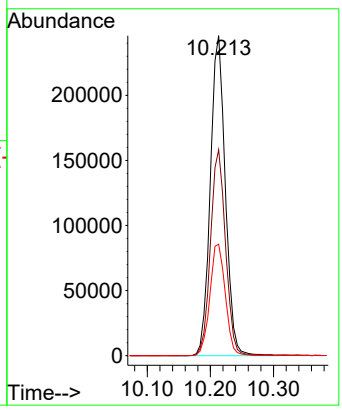




#29
2,4-Dichlorophenol
Concen: 39.427 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:162 Resp: 40523

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	34.9	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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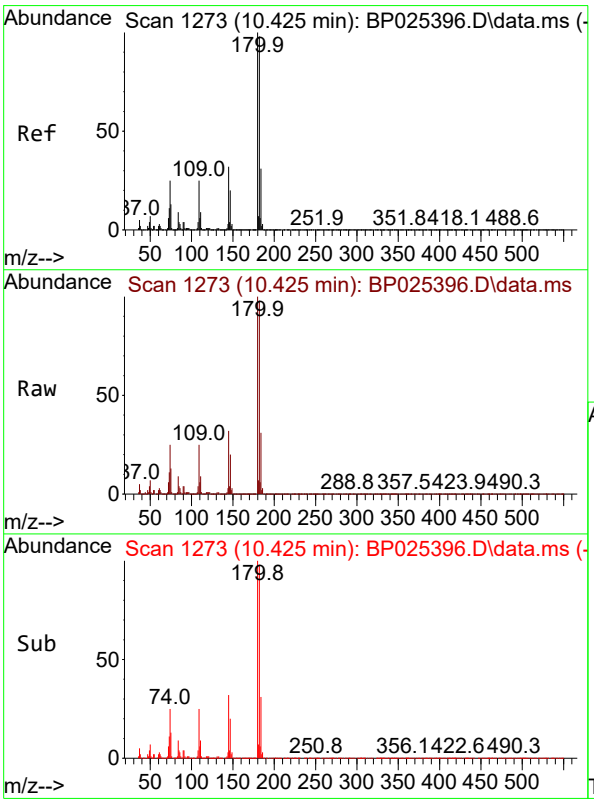
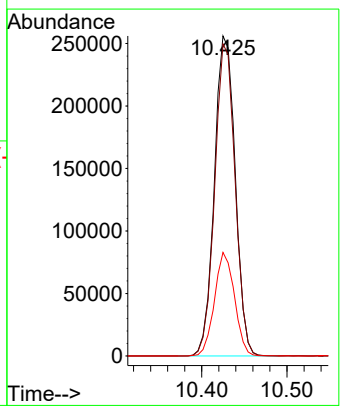
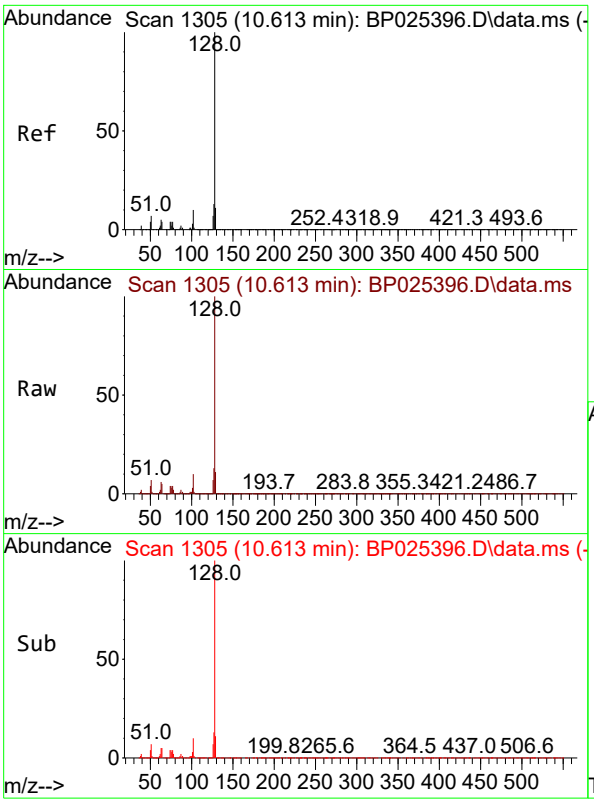


#30
1,2,4-Trichlorobenzene
Concen: 38.529 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:180 Resp: 434105

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.0	117.0
145	32.4	25.9	38.9

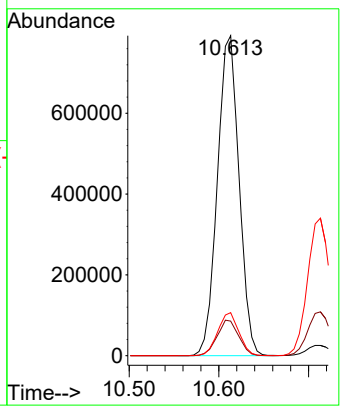




#31
Naphthalene
Concen: 38.472 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:128 Resp: 132683

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.4	10.7	16.1



Instrument :
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ClientSampleId :
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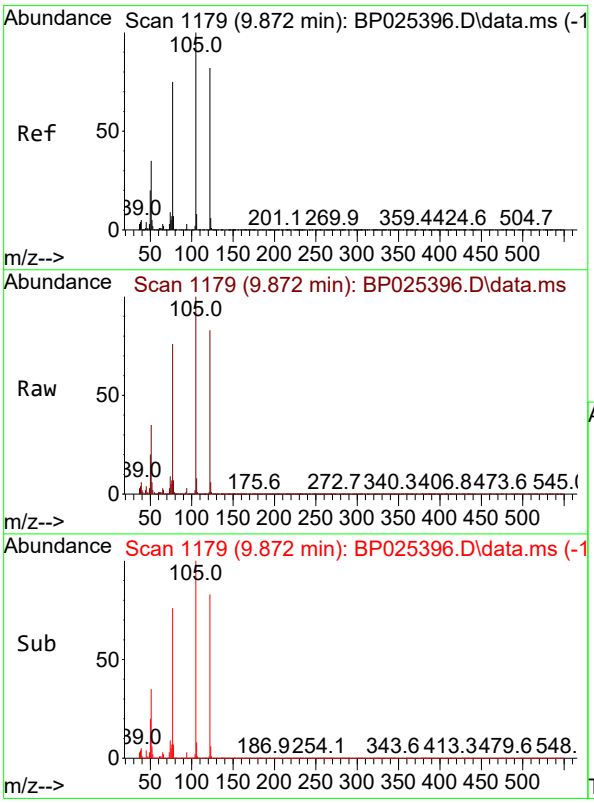
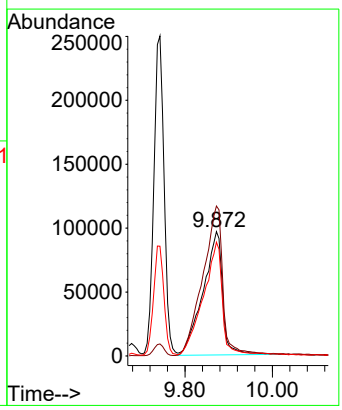
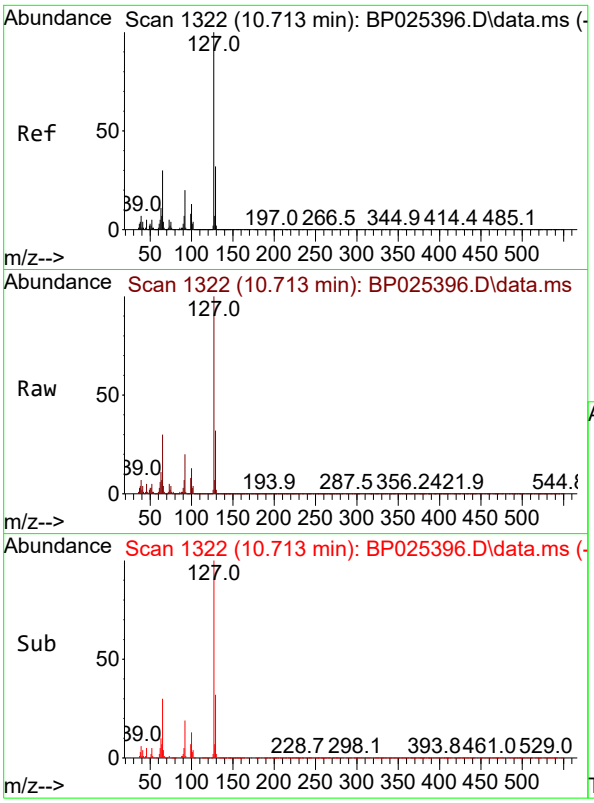


#32
Benzoic acid
Concen: 39.537 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:122 Resp: 301281

Ion	Ratio	Lower	Upper
122	100		
105	120.6	100.6	140.6
77	91.5	71.5	111.5

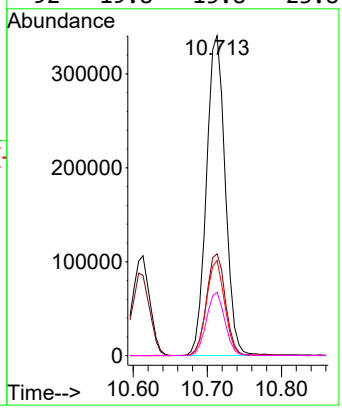




#33
4-Chloroaniline
Concen: 39.350 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:127 Resp: 59946

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	29.7	23.8	35.6
92	19.8	15.8	23.8



Instrument :
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ClientSampleId :
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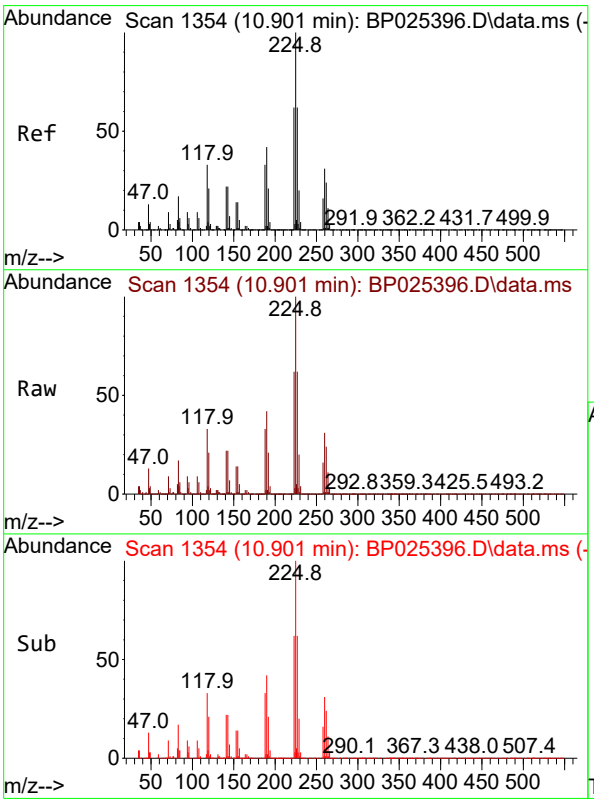
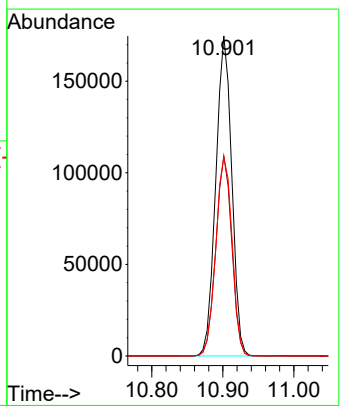
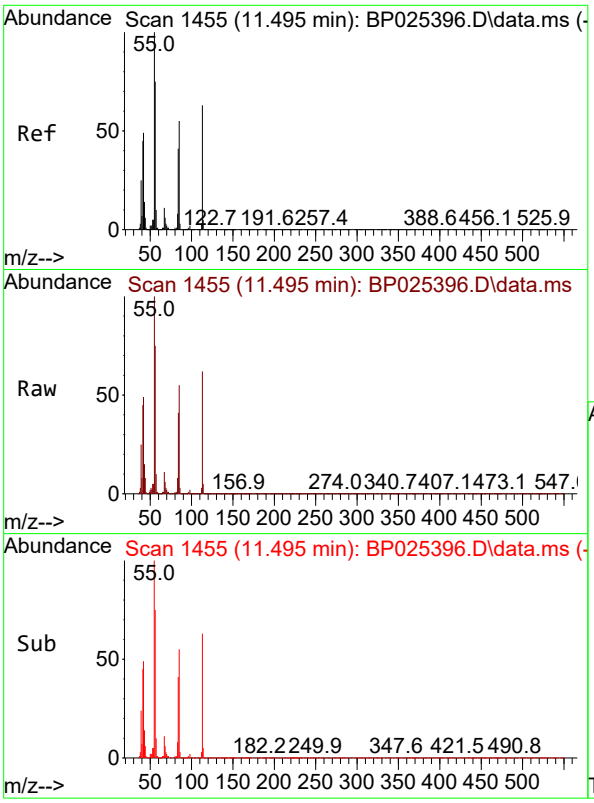


#34
Hexachlorobutadiene
Concen: 38.700 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:225 Resp: 271549

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	62.1	49.7	74.5





#35
Caprolactam
Concen: 38.520 ng
RT: 11.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 14517

Ion	Ratio	Lower	Upper
113	100		
55	160.0	140.0	180.0
56	120.0	100.0	140.0

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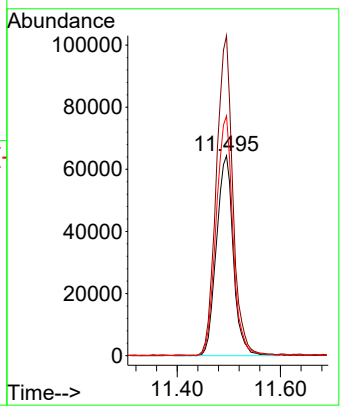
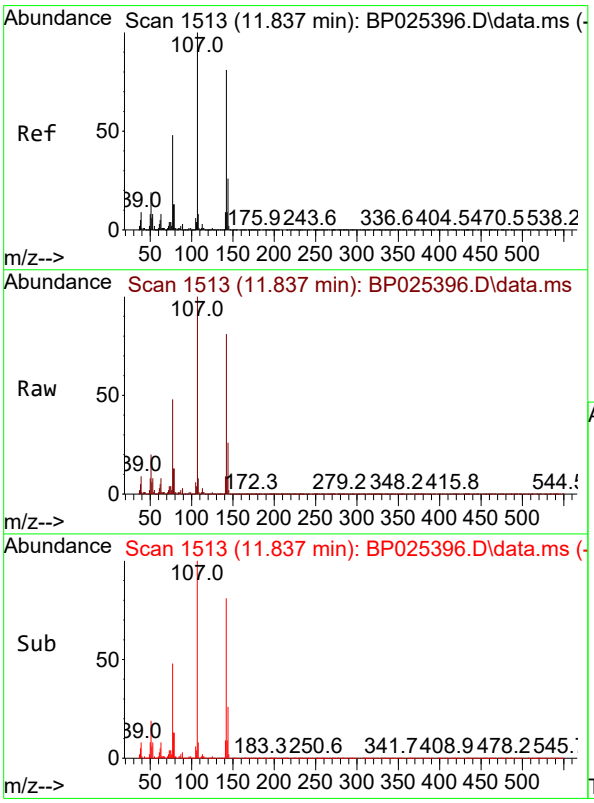
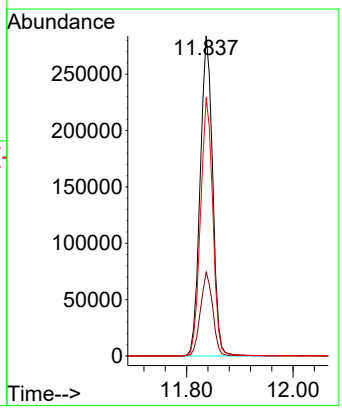


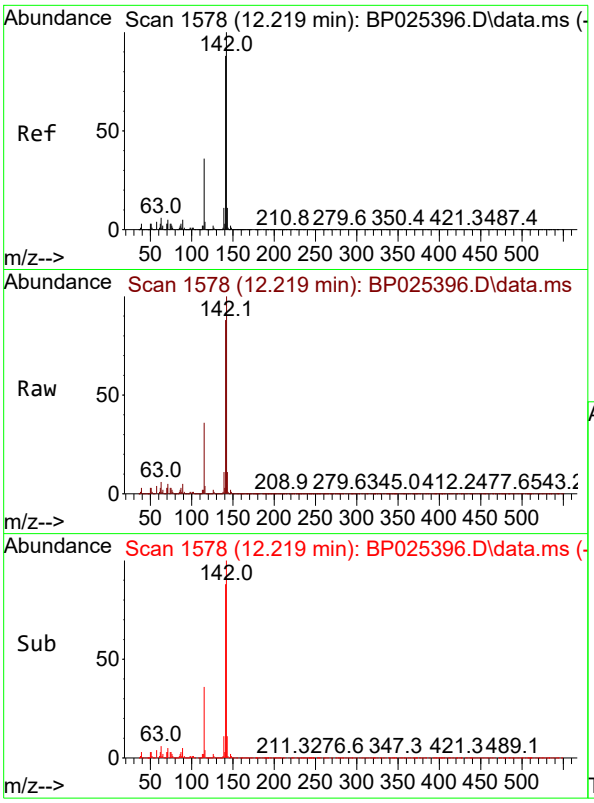


#36
4-Chloro-3-methylphenol
Concen: 38.959 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 459473

Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.4
142	80.8	64.6	97.0

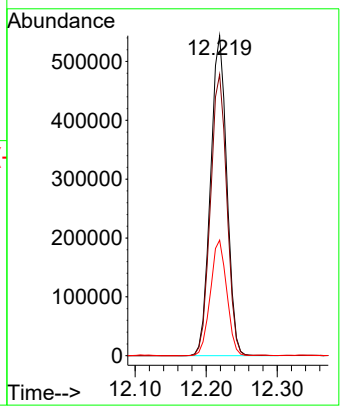




#37
2-Methylnaphthalene
Concen: 38.559 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:142 Resp: 86542

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	36.1	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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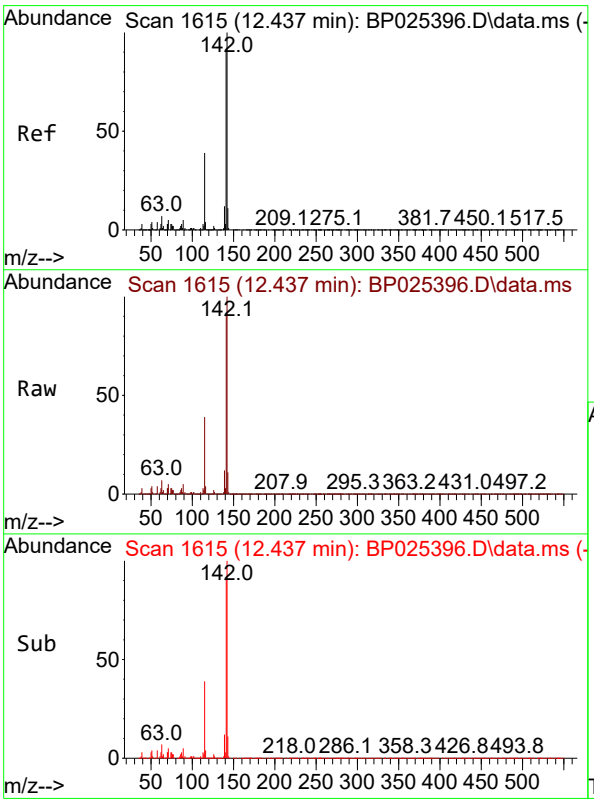
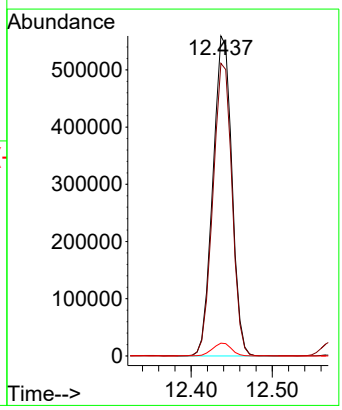
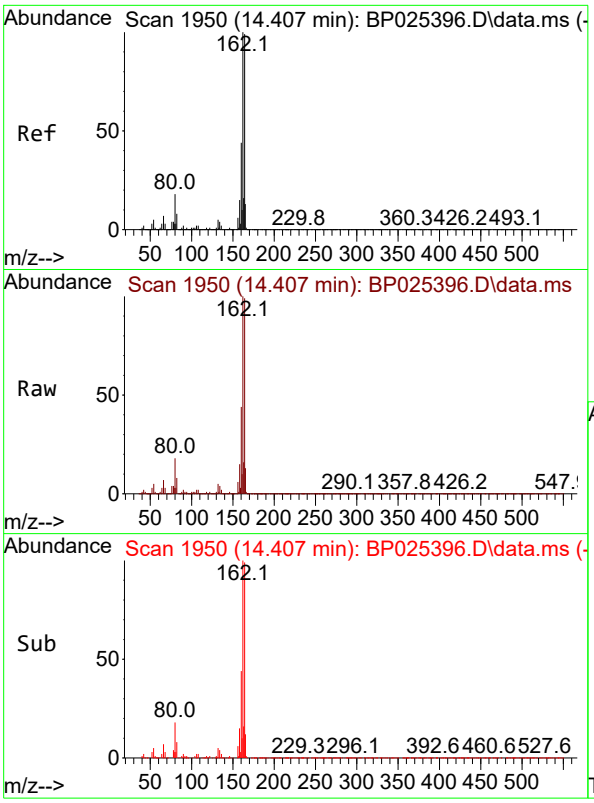


#38
1-Methylnaphthalene
Concen: 38.120 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:142 Resp: 909865

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7
116	4.0	3.2	4.8

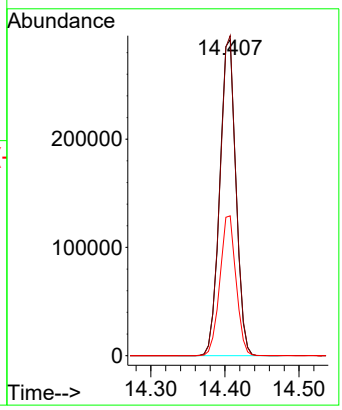




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:164 Resp: 44111

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.0	121.6
160	44.3	35.4	53.2



Instrument :
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ClientSampleId :
SSTDICCC040

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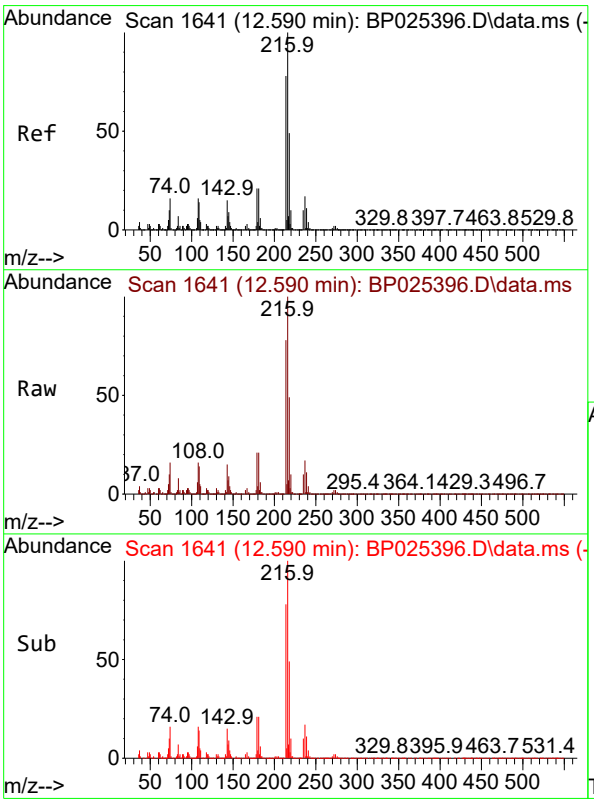
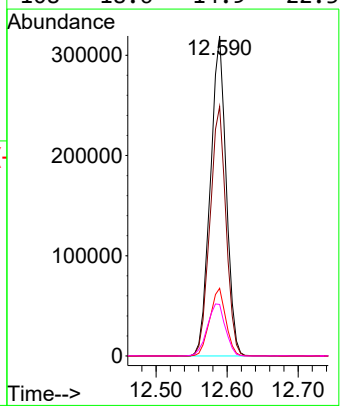
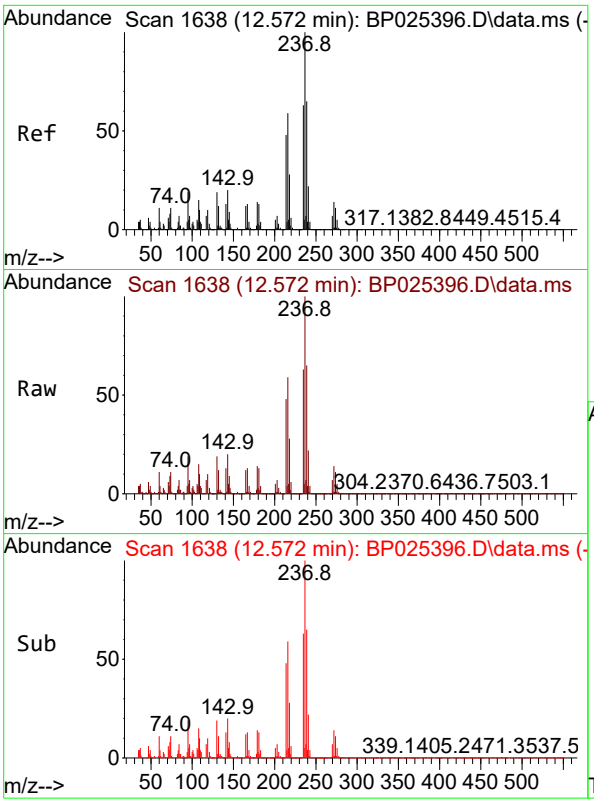


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.787 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:216 Resp: 494141

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.4	17.1	25.7
108	18.6	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 39.896 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 30701

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	14.0	0.0	34.0

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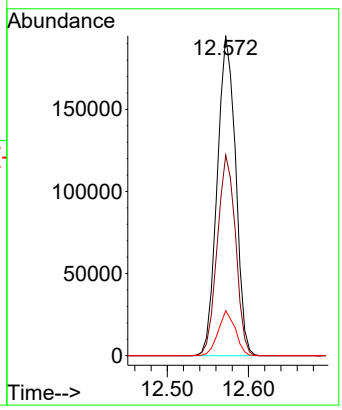
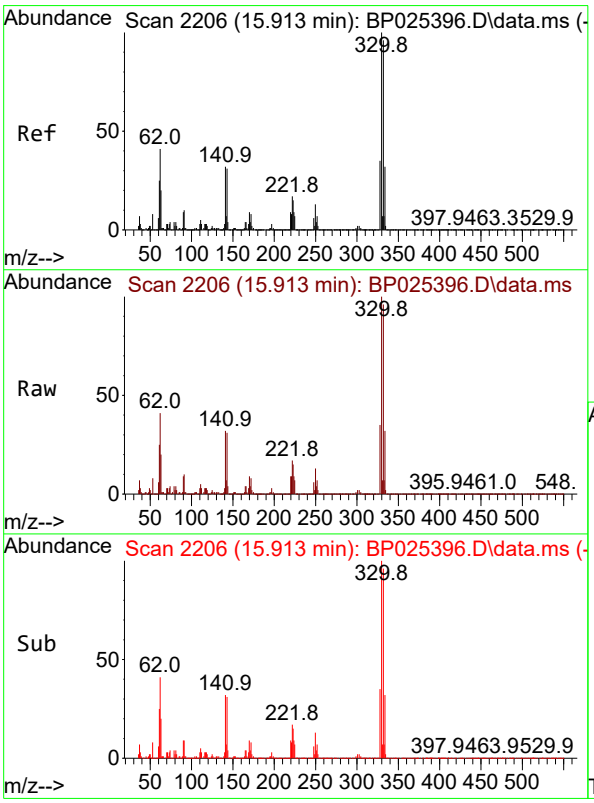
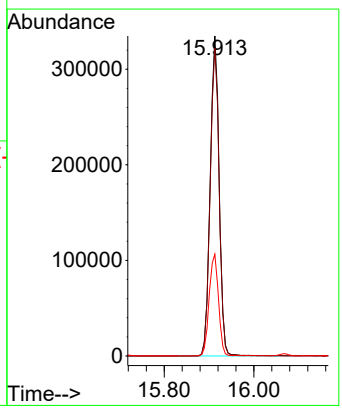


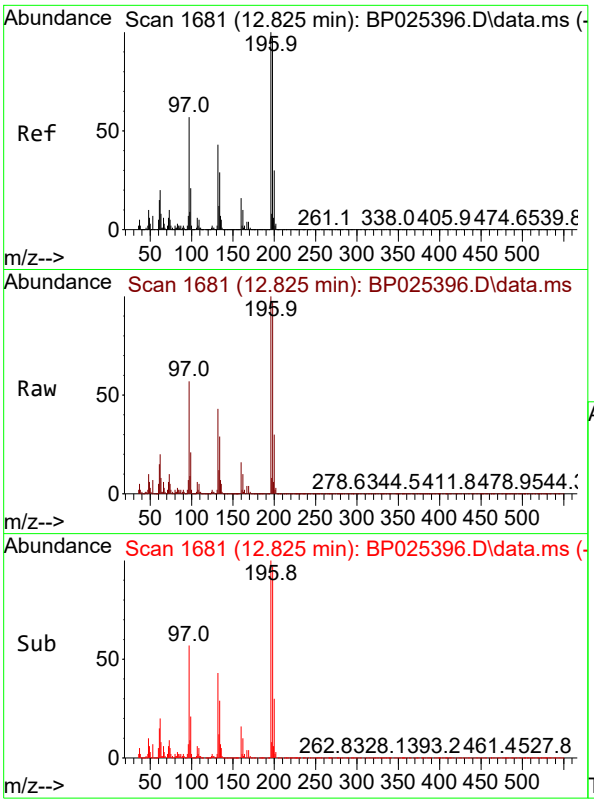


#42
2,4,6-Tribromophenol
Concen: 78.112 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:330 Resp: 463783

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.2	26.6	39.8





#43
2,4,6-Trichlorophenol
Concen: 39.201 ng
RT: 12.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:196 Resp: 33715

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
200	29.9	23.9	35.9

Instrument :
BNA_P
ClientSampleId :
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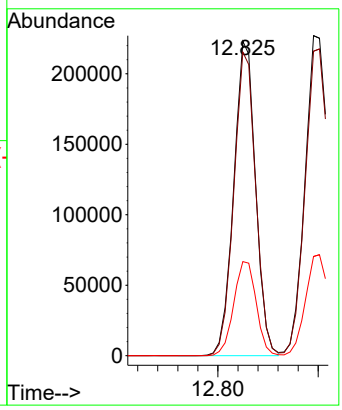
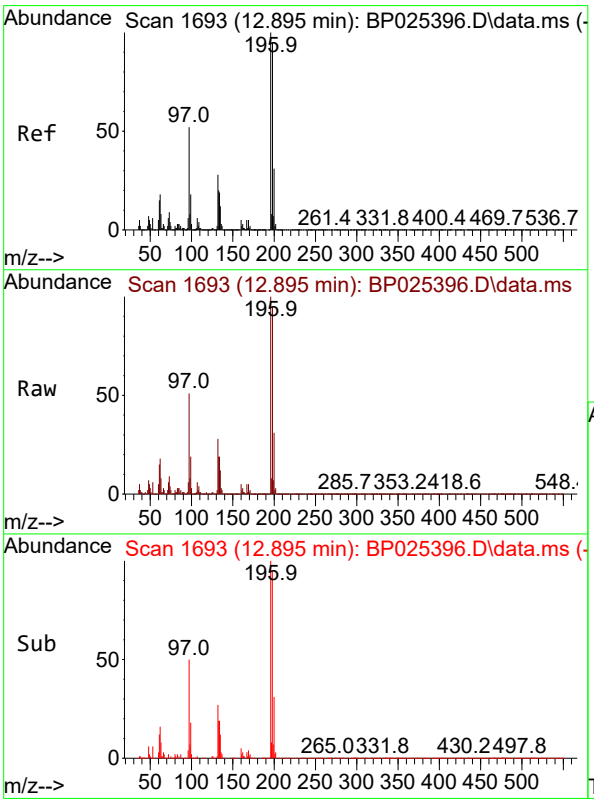
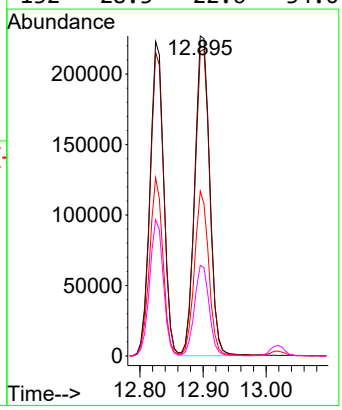


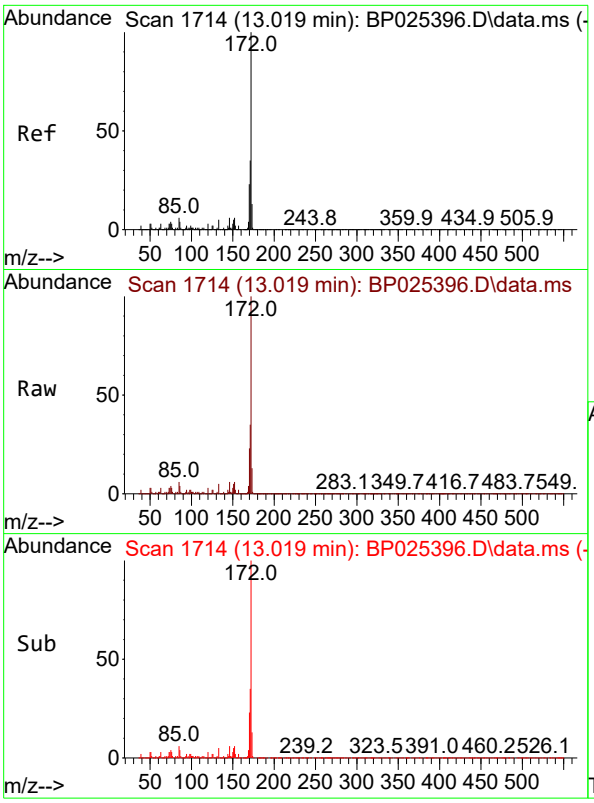


#44
2,4,5-Trichlorophenol
Concen: 39.664 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:196 Resp: 373880

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
97	51.5	41.2	61.8
132	28.3	22.6	34.0

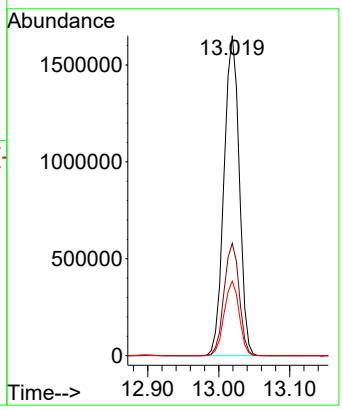




#45
2-Fluorobiphenyl
Concen: 76.118 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:172 Resp: 245678

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.3	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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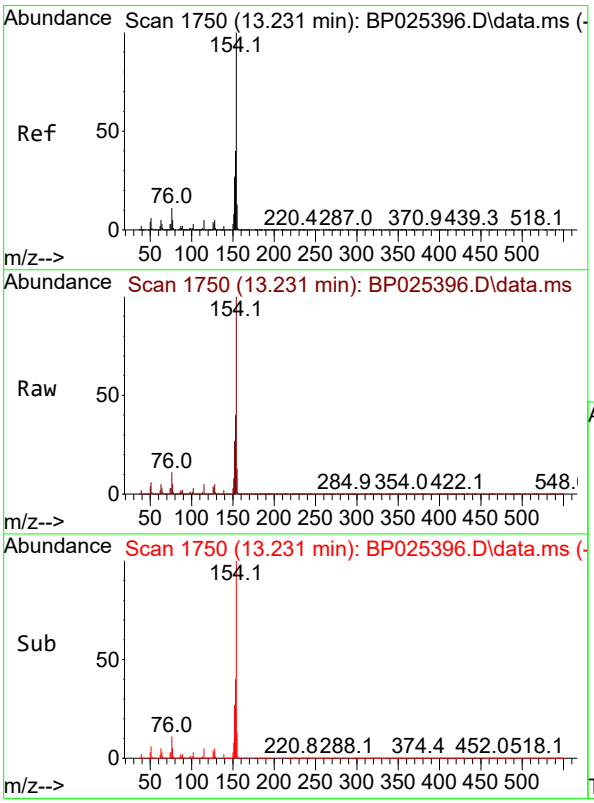
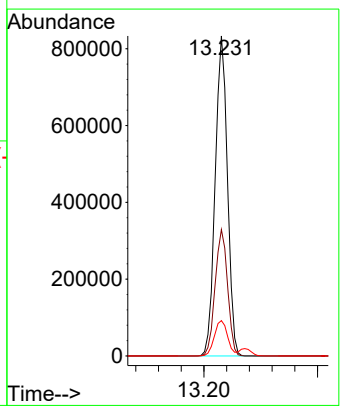
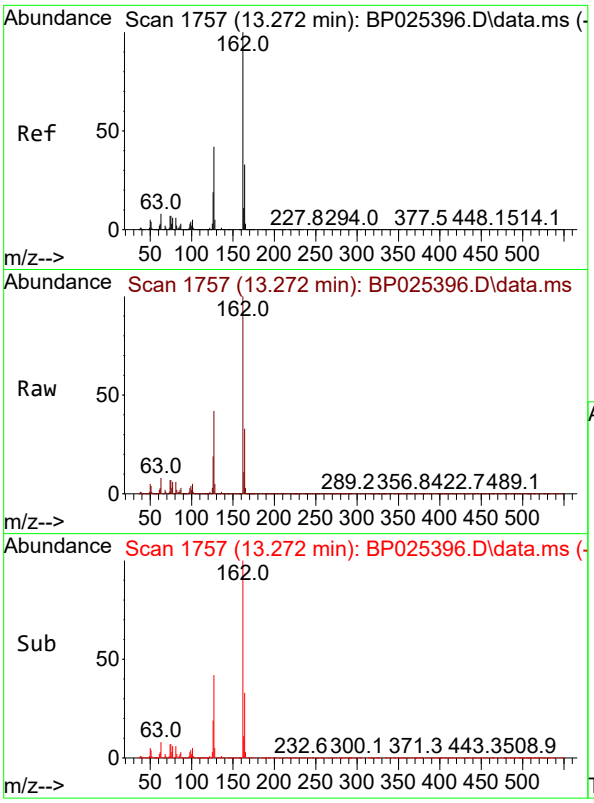


#46
1,1'-Biphenyl
Concen: 38.777 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:154 Resp: 1242247

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.5	59.5
76	11.1	0.0	31.1

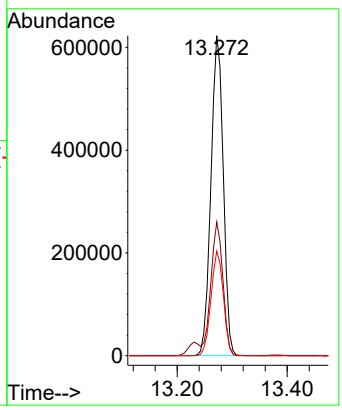




#47
2-Chloronaphthalene
Concen: 38.930 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:162 Resp: 97090

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.4	50.2
164	32.7	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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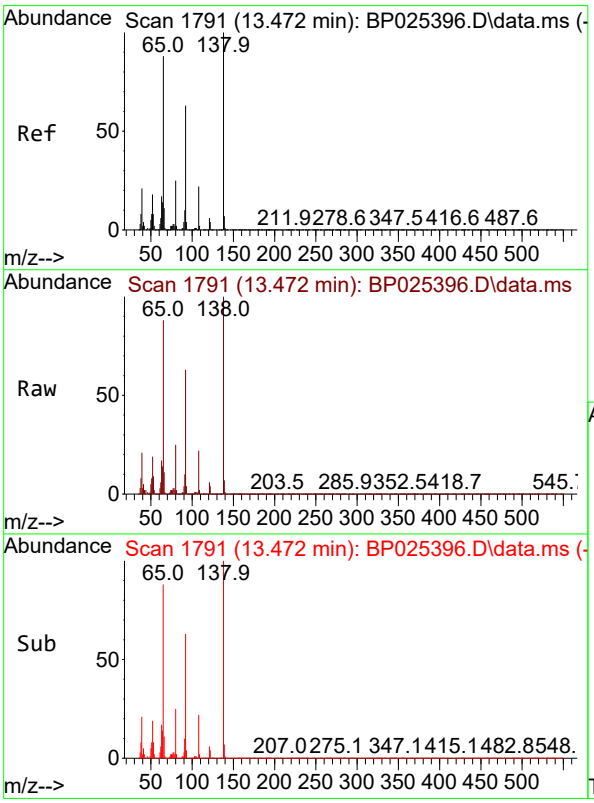
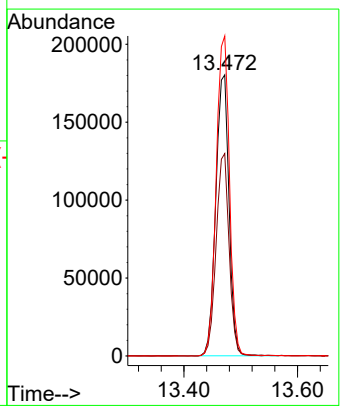
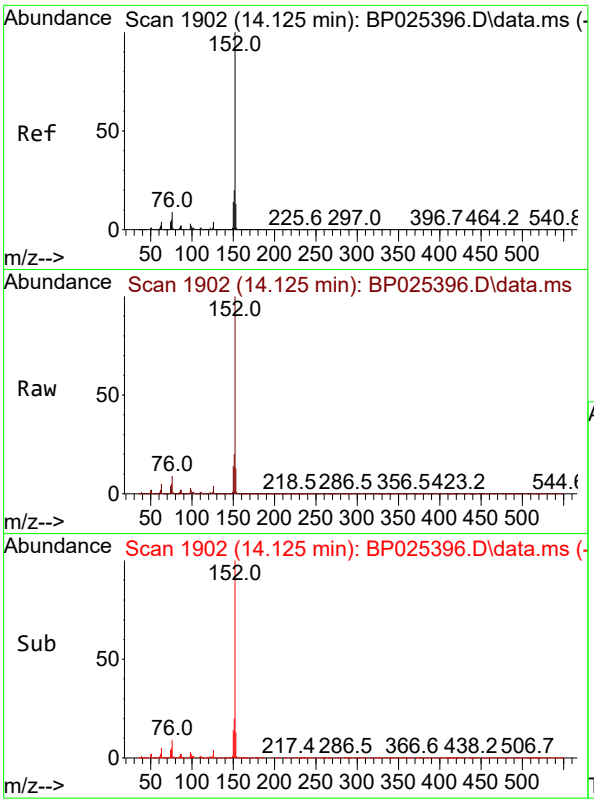


#48
2-Nitroaniline
Concen: 40.092 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 65 Resp: 291341

Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.6	86.4
138	113.8	91.0	136.6

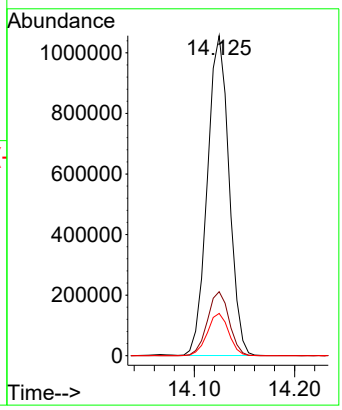




#49
Acenaphthylene
Concen: 38.617 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:152 Resp: 159363

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.2	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
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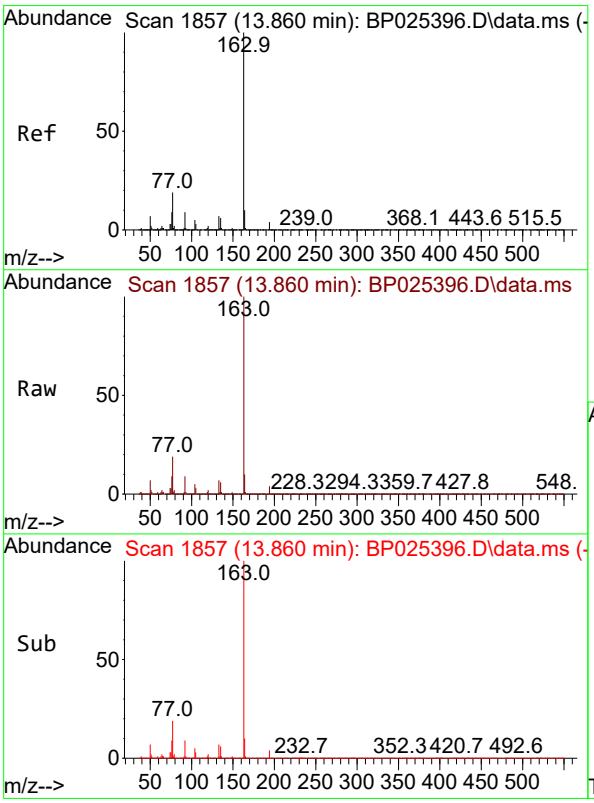
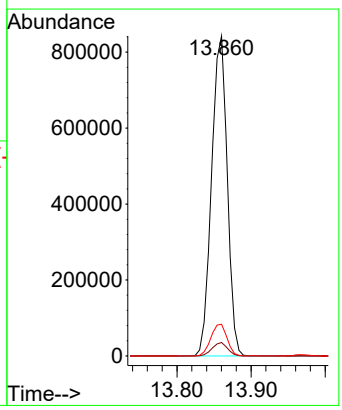
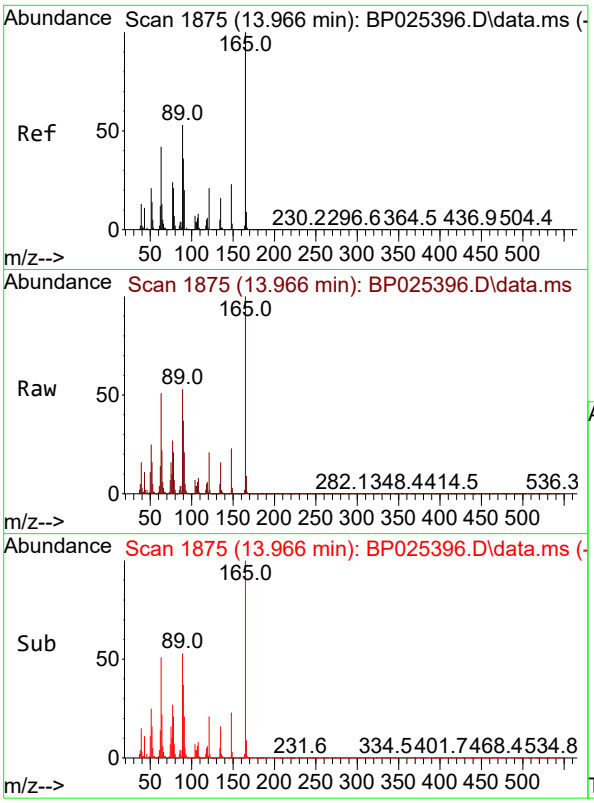


#50
Dimethylphthalate
Concen: 38.316 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:163 Resp: 1237666

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 40.061 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:165 Resp: 27275

Ion	Ratio	Lower	Upper
165	100		
63	51.1	40.9	61.3
89	52.6	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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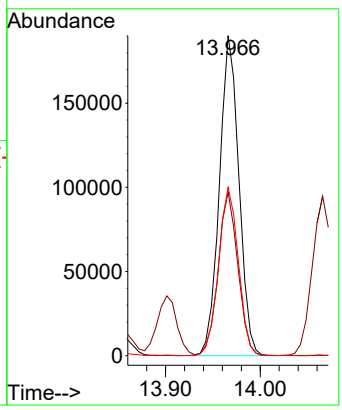
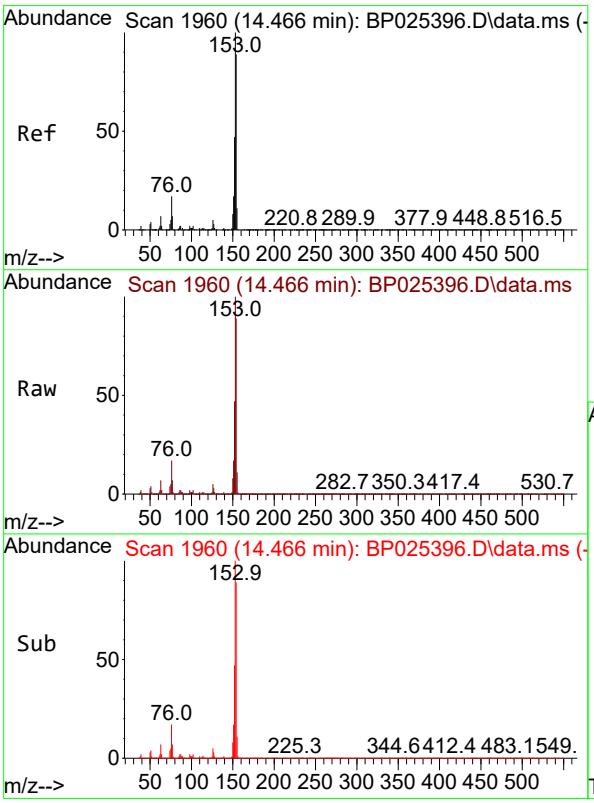
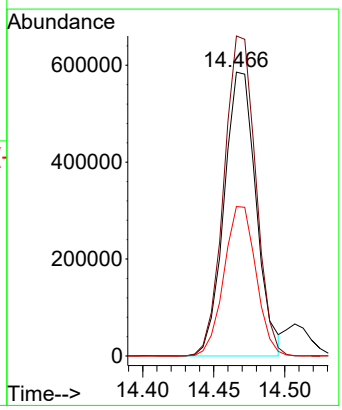


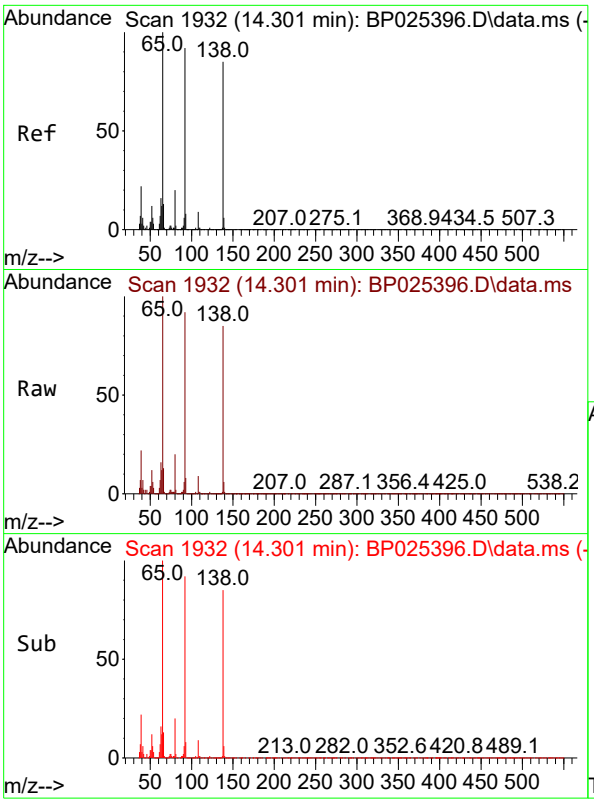


#52
Acenaphthene
Concen: 37.921 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:154 Resp: 918569

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	52.6	42.1	63.1





#53
3-Nitroaniline
Concen: 39.349 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:138 Resp: 30141

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	107.7	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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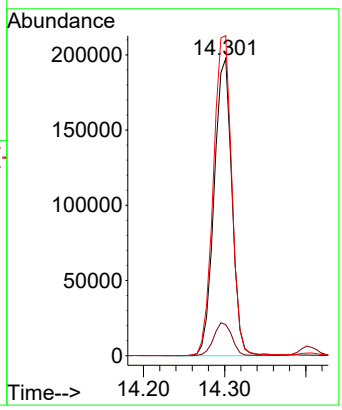
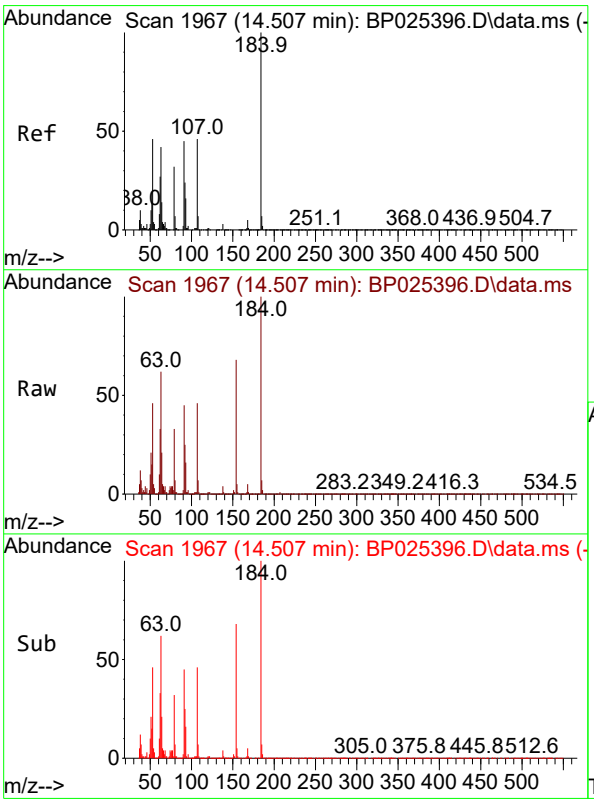
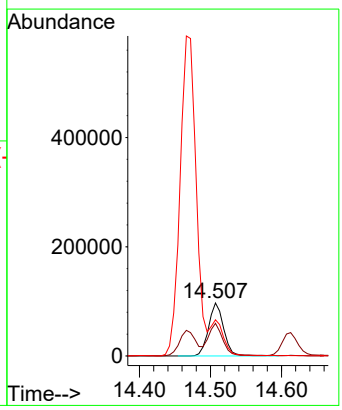


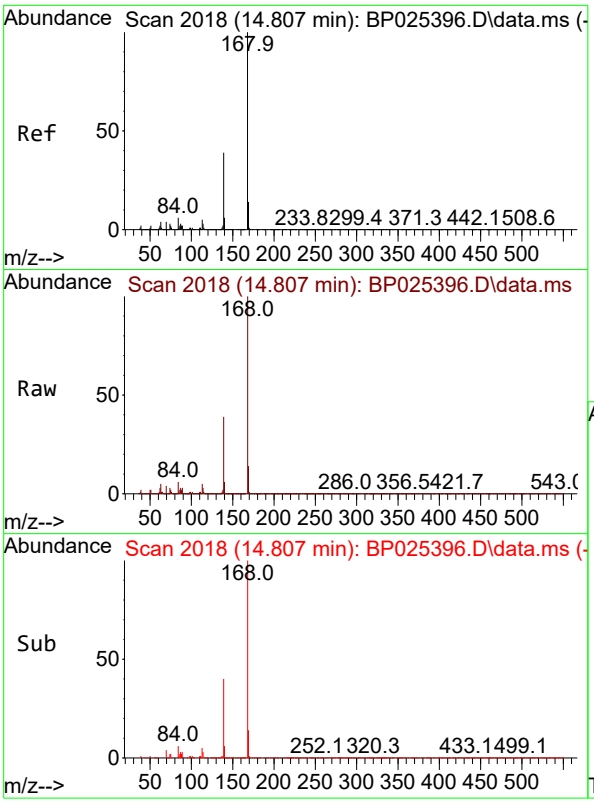


#54
2,4-Dinitrophenol
Concen: 39.633 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:184 Resp: 144100

Ion	Ratio	Lower	Upper
184	100		
63	61.8	49.4	74.2
154	68.3	54.6	82.0

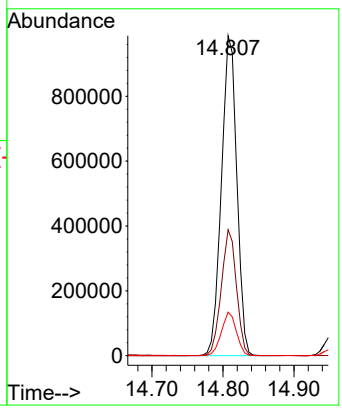




#55
Dibenzofuran
Concen: 38.624 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:168 Resp: 147922

Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.5	47.3
169	13.6	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
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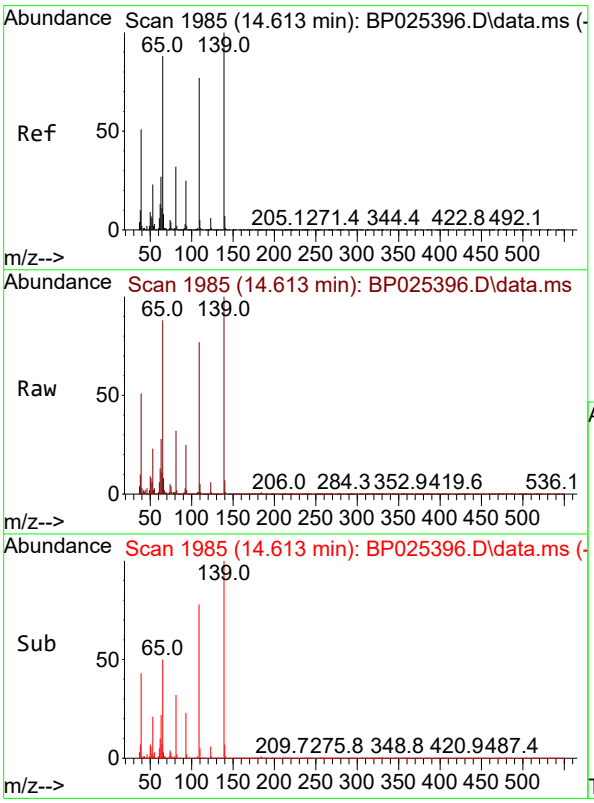
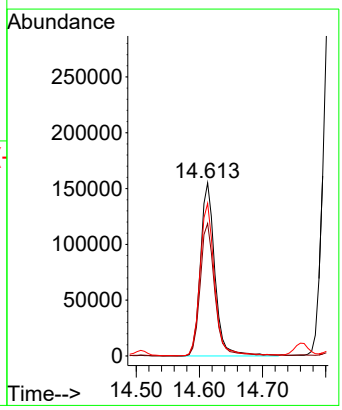
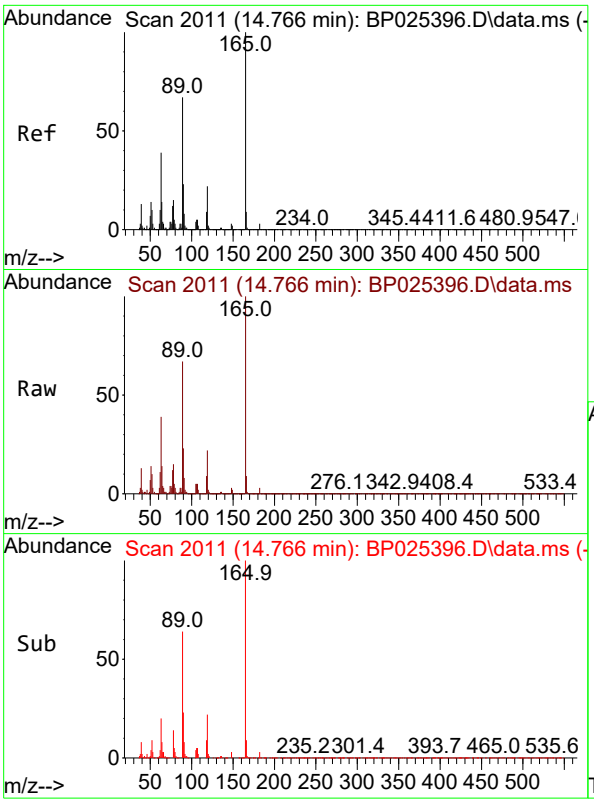


#56
4-Nitrophenol
Concen: 39.168 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:139 Resp: 246542

Ion	Ratio	Lower	Upper
139	100		
109	76.6	56.6	96.6
65	88.2	68.2	108.2

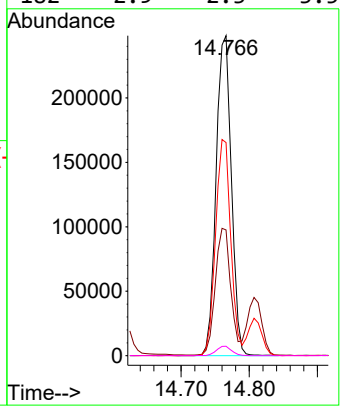




#57
2,4-Dinitrotoluene
Concen: 39.757 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:165 Resp: 38618

Ion	Ratio	Lower	Upper
165	100		
63	39.3	31.4	47.2
89	66.6	53.3	79.9
182	2.9	2.3	3.5



Instrument :
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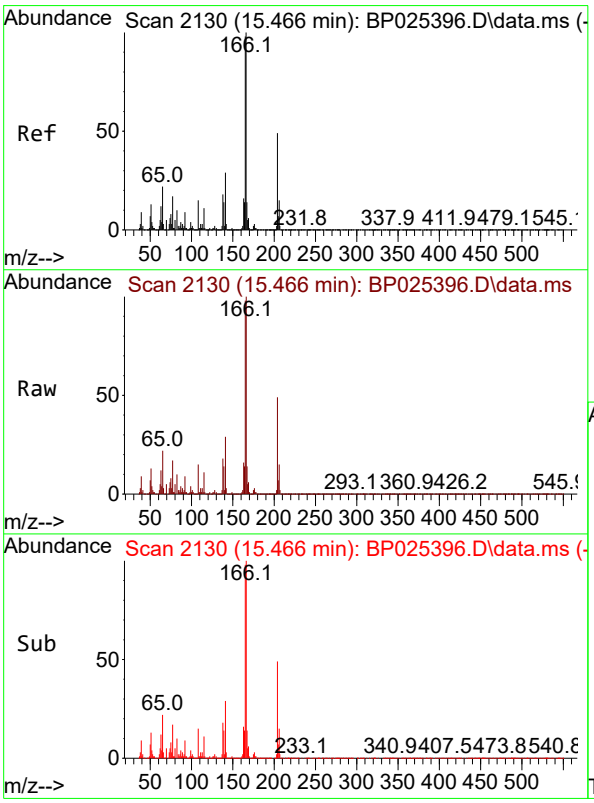
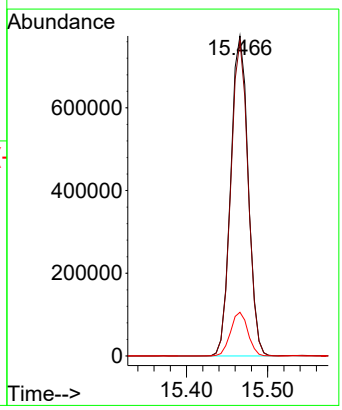
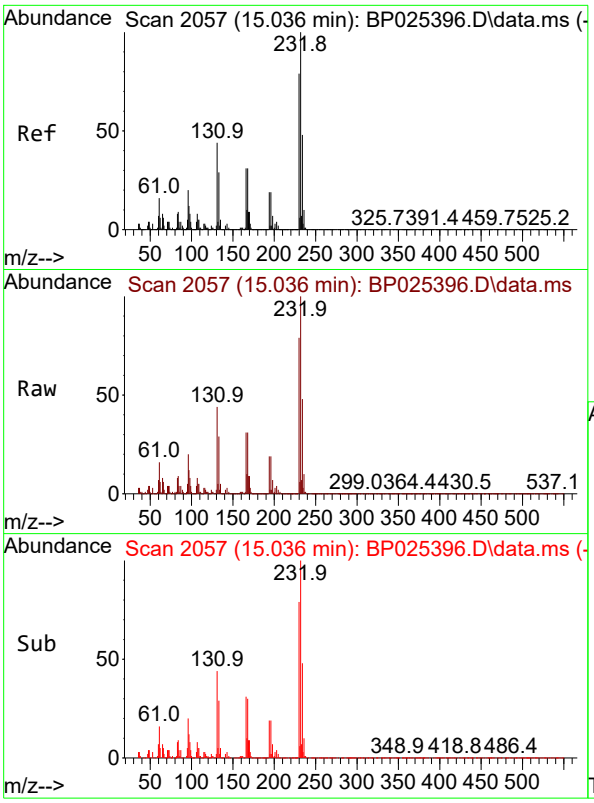


#58
Fluorene
Concen: 38.115 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:166 Resp: 1151825

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	13.7	11.0	16.4

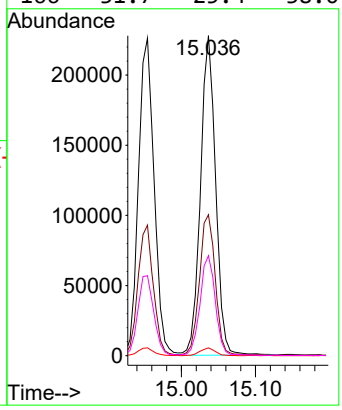




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.975 ng
RT: 15.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:232 Resp: 32439

Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.0	55.6
130	2.4	1.9	2.9
166	31.7	25.4	38.0



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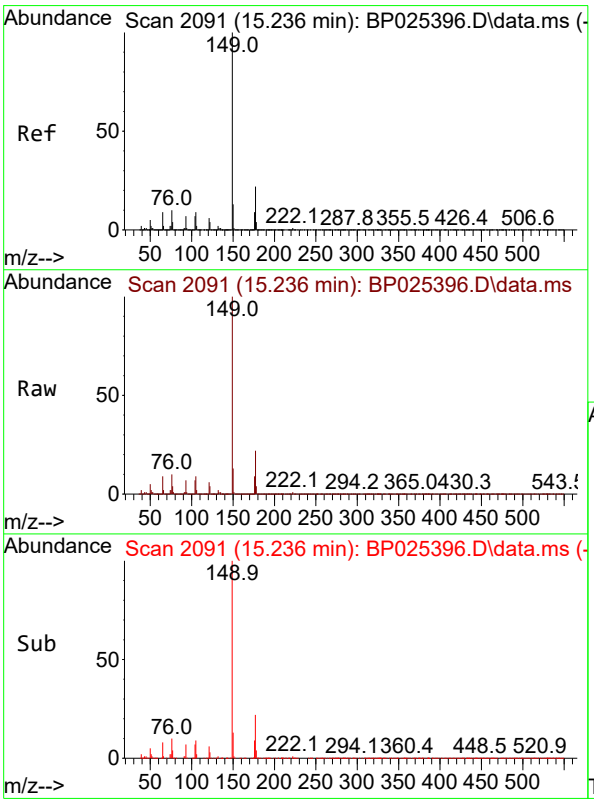
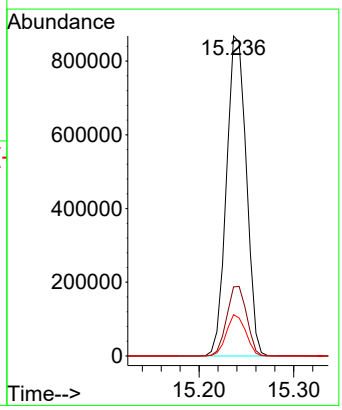
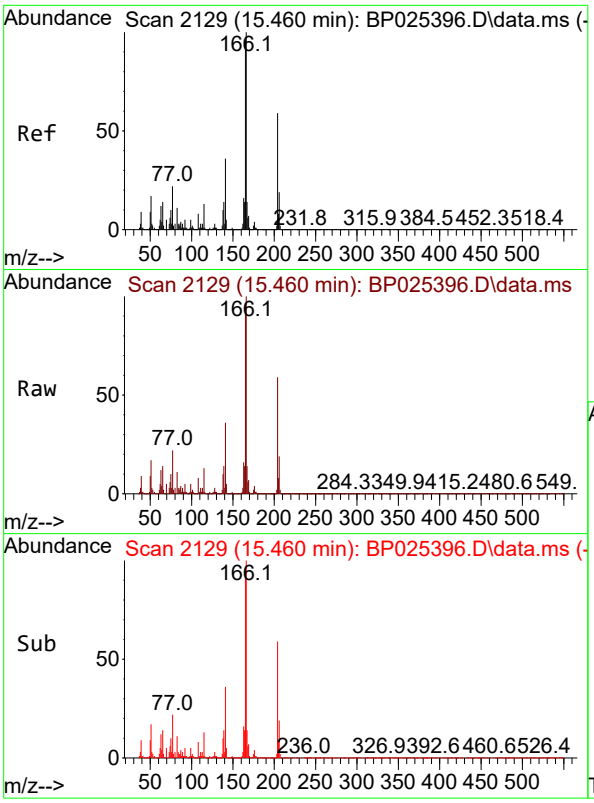


#60
Diethylphthalate
Concen: 38.533 ng
RT: 15.236 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 1264740

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.9	10.3	15.5

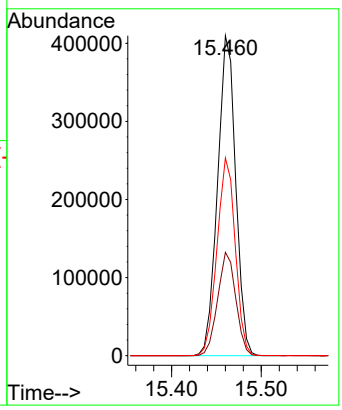




#61
4-Chlorophenyl-phenylether
Concen: 38.228 ng
RT: 15.460 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:204 Resp: 57454

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	61.8	49.4	74.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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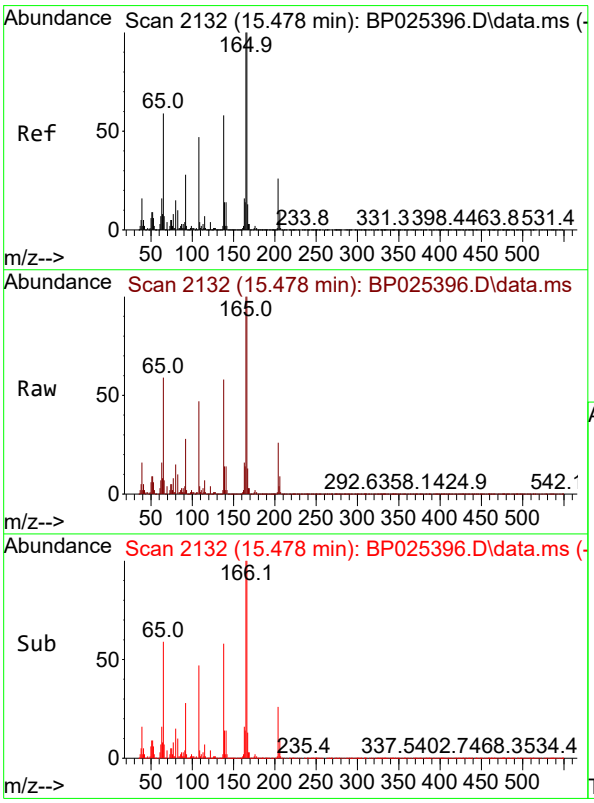
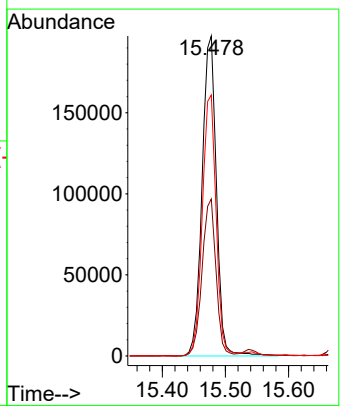
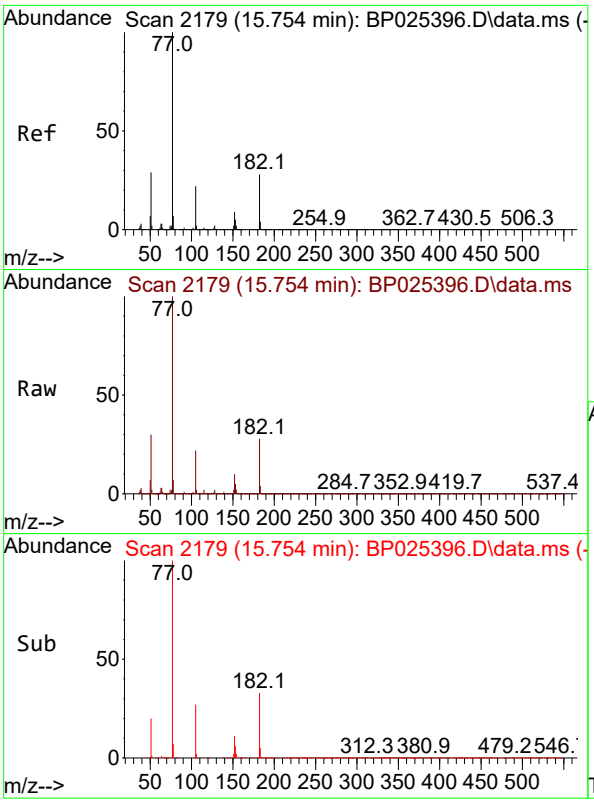


#62
4-Nitroaniline
Concen: 39.443 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:138 Resp: 309740

Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.1	69.1
108	81.5	61.5	101.5

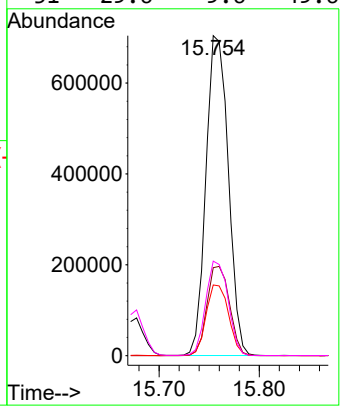




#63
Azobenzene
Concen: 38.820 ng
RT: 15.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 77 Resp: 109100

Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.5	47.5
105	22.1	2.1	42.1
51	29.6	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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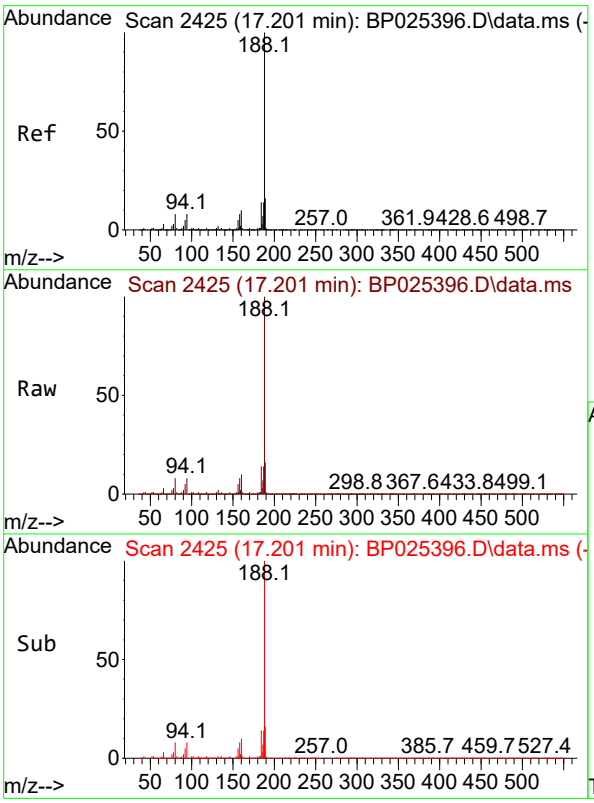
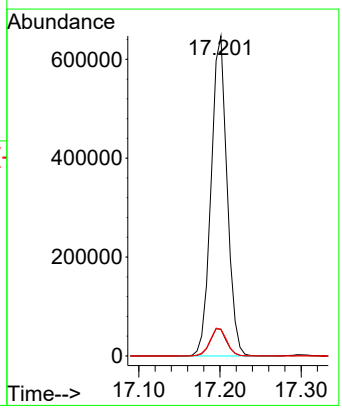
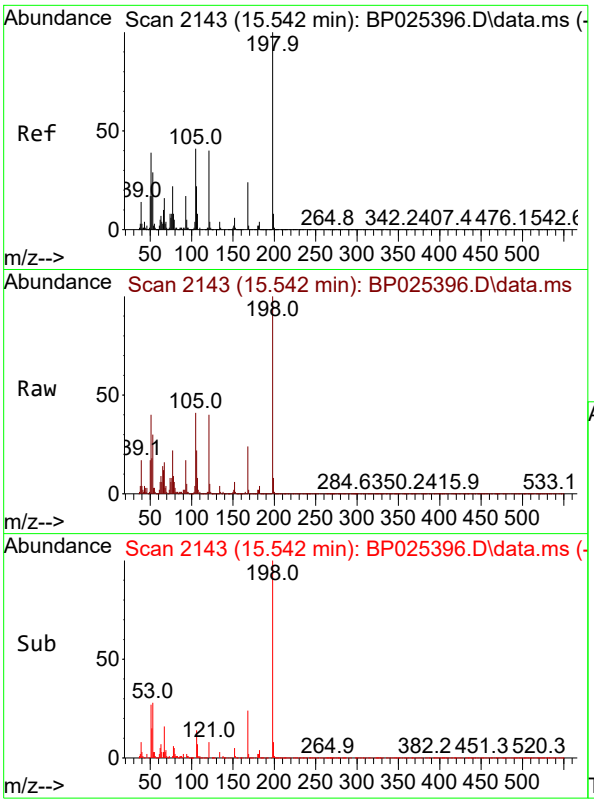


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:188 Resp: 884529

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.4	6.7	10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.384 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:198 Resp: 21715

Ion	Ratio	Lower	Upper
198	100		
51	39.6	19.6	59.6
105	40.9	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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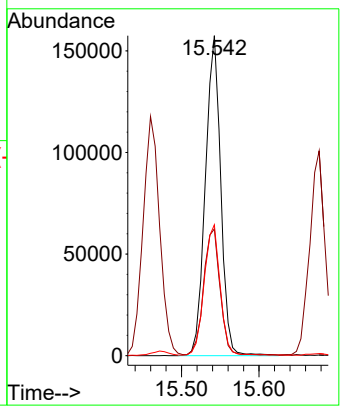
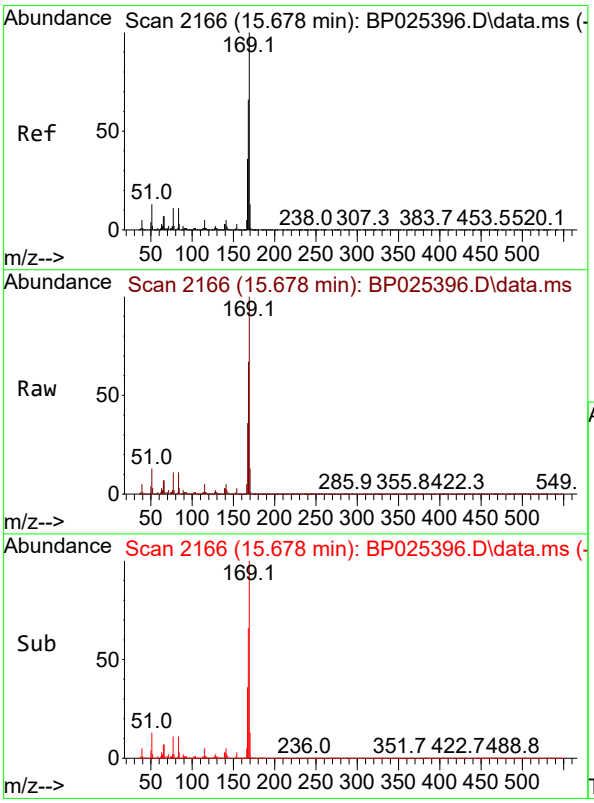
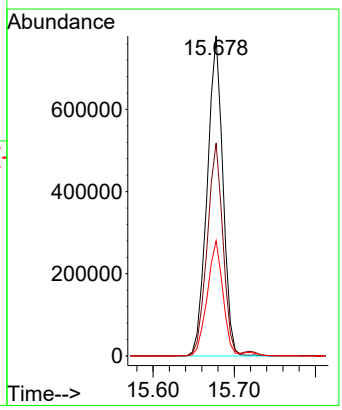


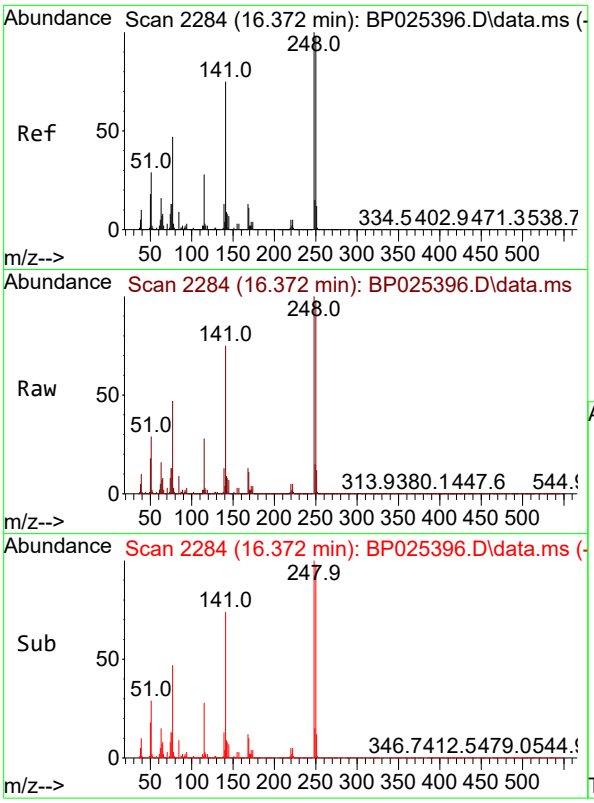


#66
n-Nitrosodiphenylamine
Concen: 38.749 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:169 Resp: 1045170

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.9	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 38.739 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 37686

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.2	117.2
141	74.5	59.6	89.4

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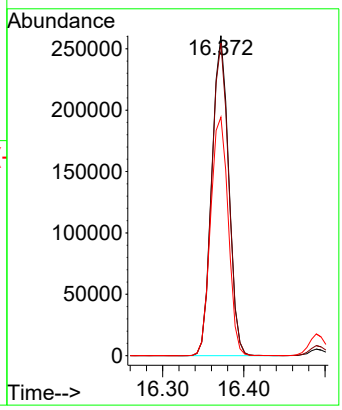
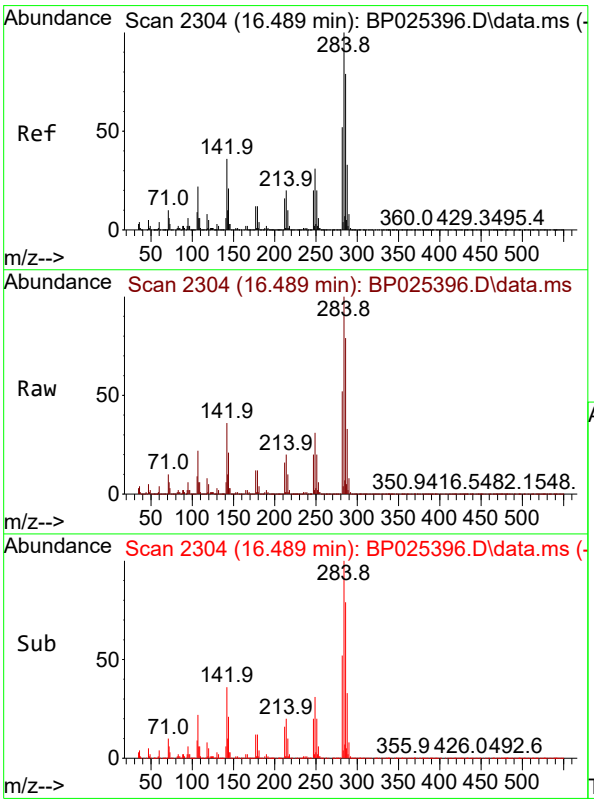
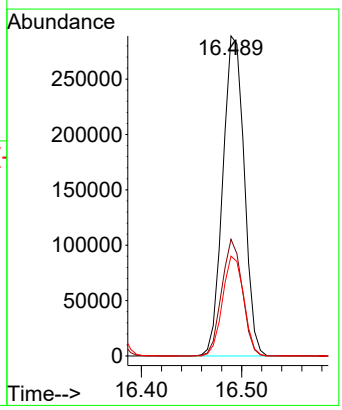


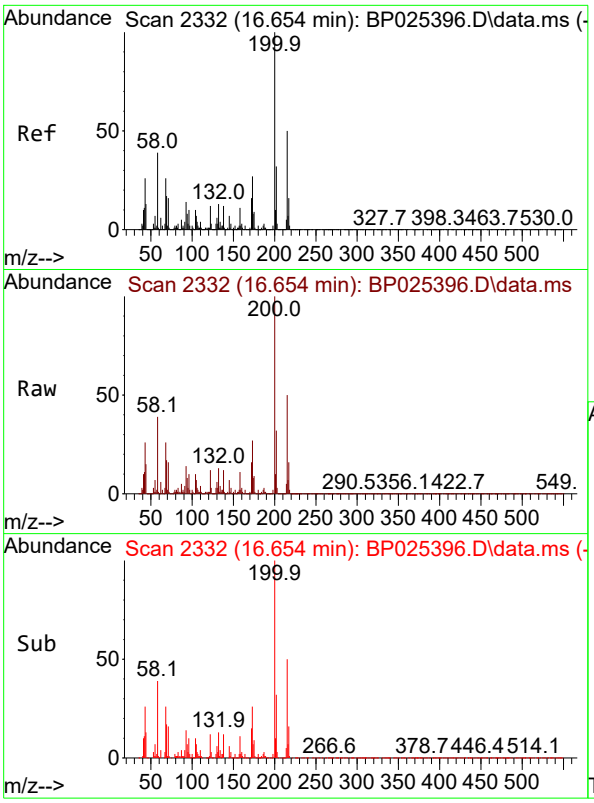


#68
Hexachlorobenzene
Concen: 37.986 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:284 Resp: 428361

Ion	Ratio	Lower	Upper
284	100		
142	36.4	29.1	43.7
249	31.2	25.0	37.4





#69
Atrazine
Concen: 38.238 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:200 Resp: 38625

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	49.7	29.7	69.7

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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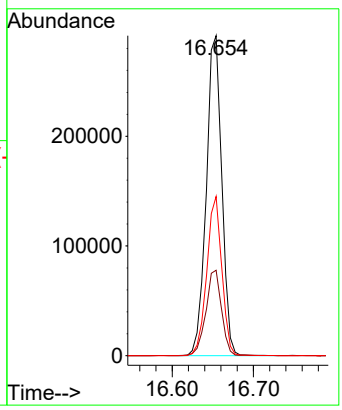
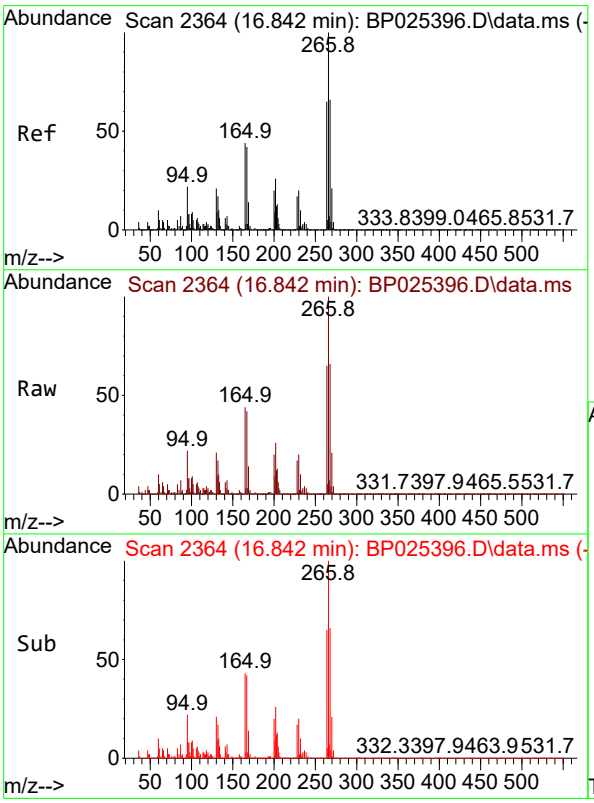
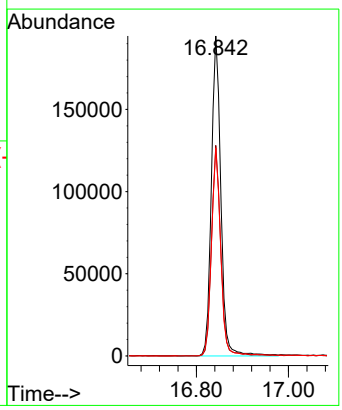


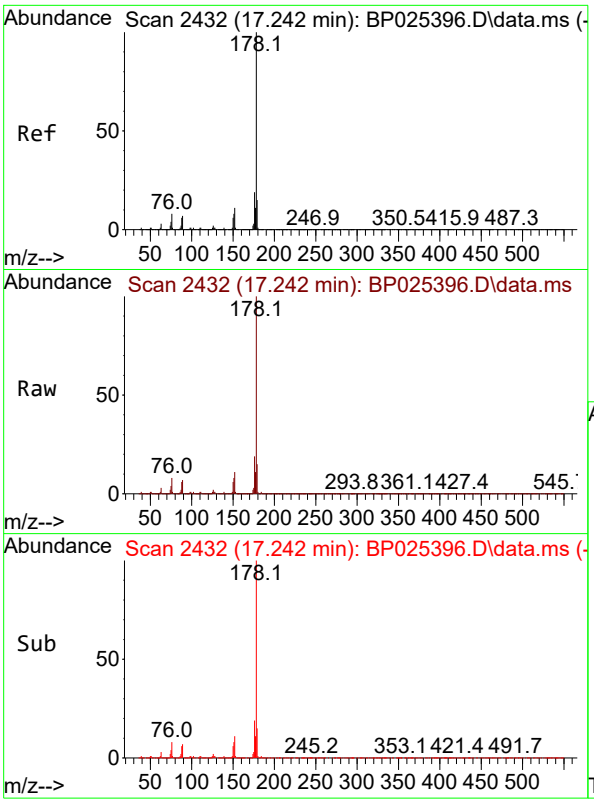


#70
Pentachlorophenol
Concen: 39.110 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:266 Resp: 278412

Ion	Ratio	Lower	Upper
266	100		
268	65.8	52.6	79.0
264	65.0	52.0	78.0

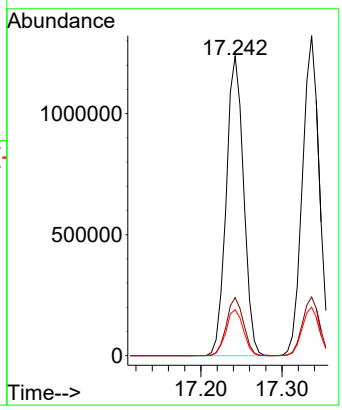




#71
Phenanthrene
Concen: 37.851 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:178 Resp: 183919

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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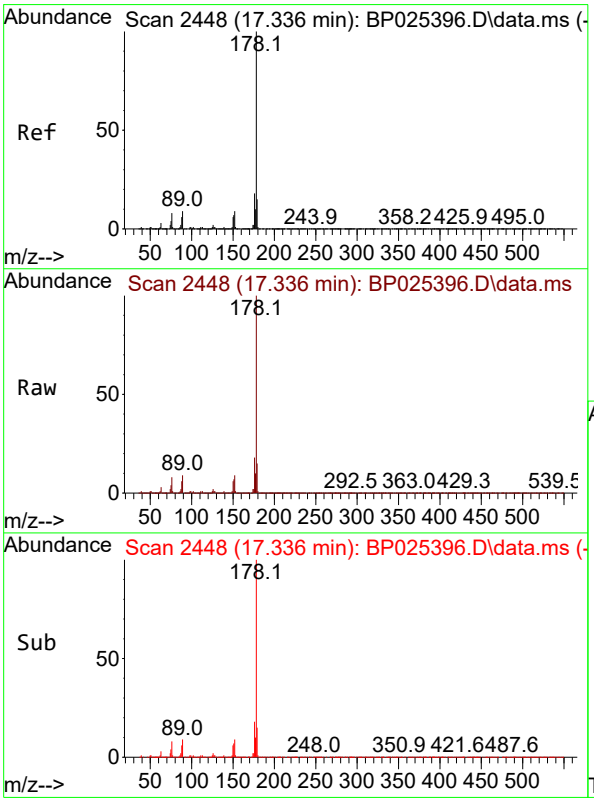
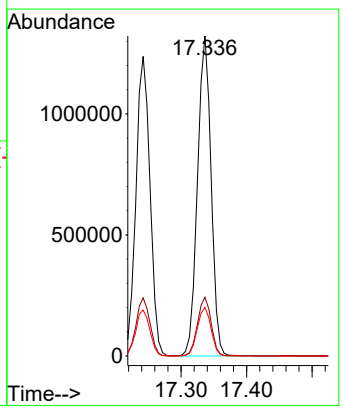
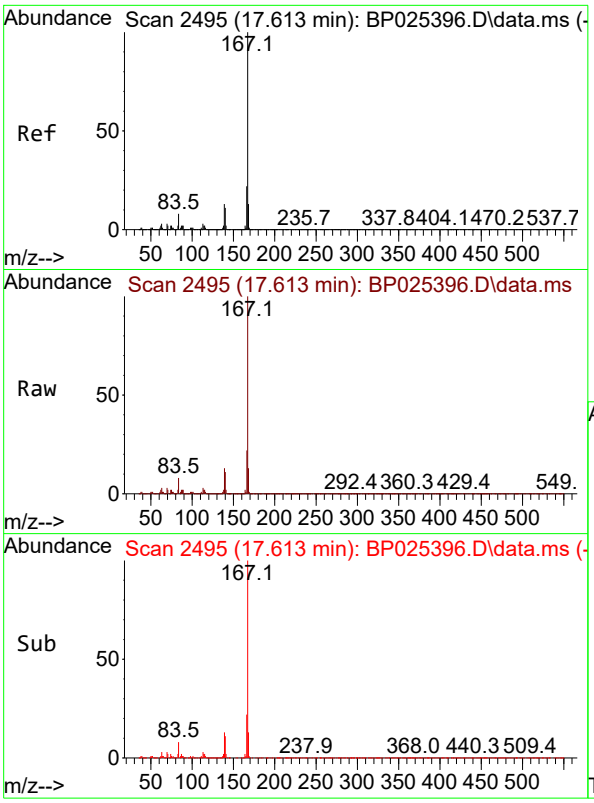


#72
Anthracene
Concen: 38.456 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:178 Resp: 1908189

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.2	12.2	18.2





#73
Carbazole
Concen: 38.125 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:167 Resp: 178189

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.3	10.6	16.0

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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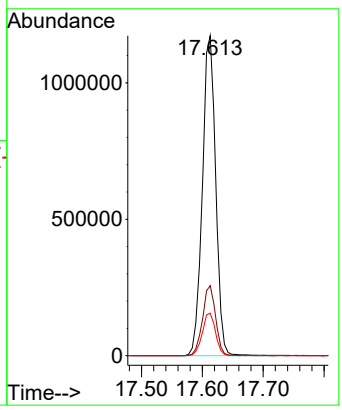
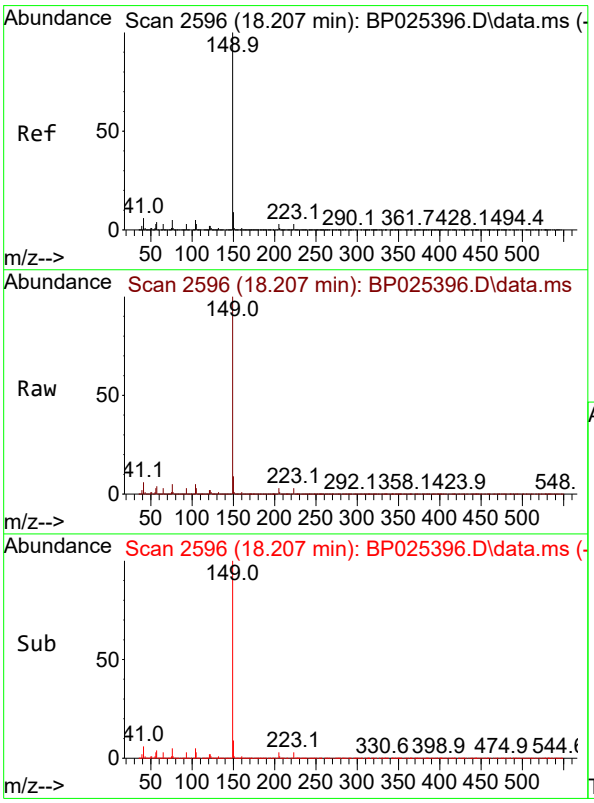
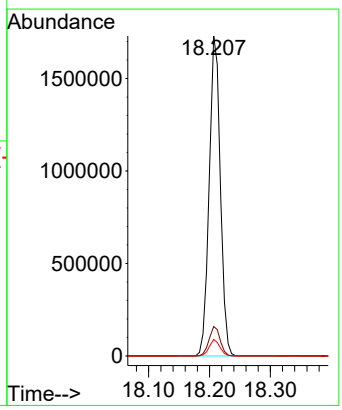


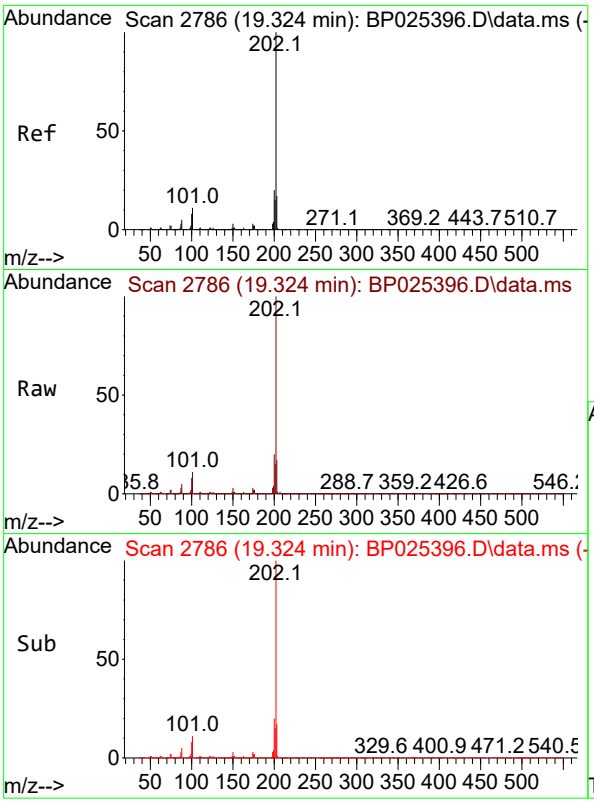


#74
Di-n-butylphthalate
Concen: 38.277 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 2201043

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.2	6.2

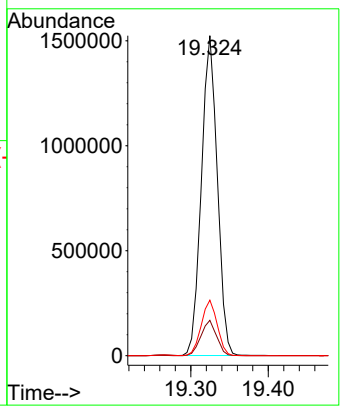




#75
Fluoranthene
Concen: 37.488 ng
RT: 19.324 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:202 Resp: 217275

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.3	0.0	37.3



Instrument :
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ClientSampleId :
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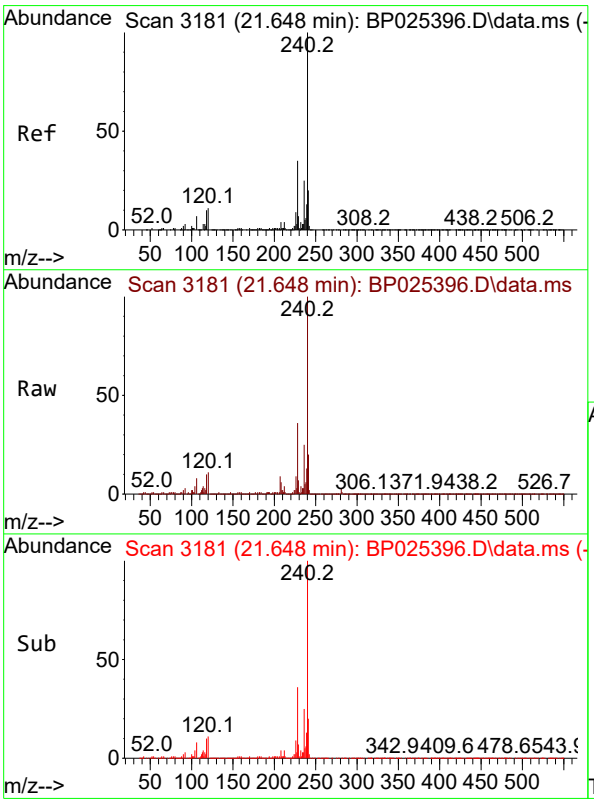
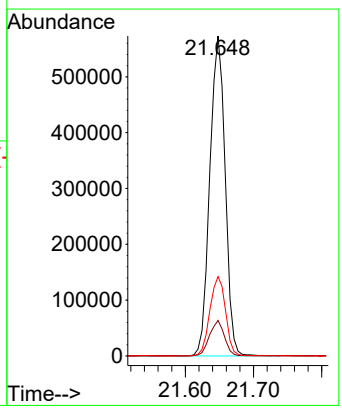
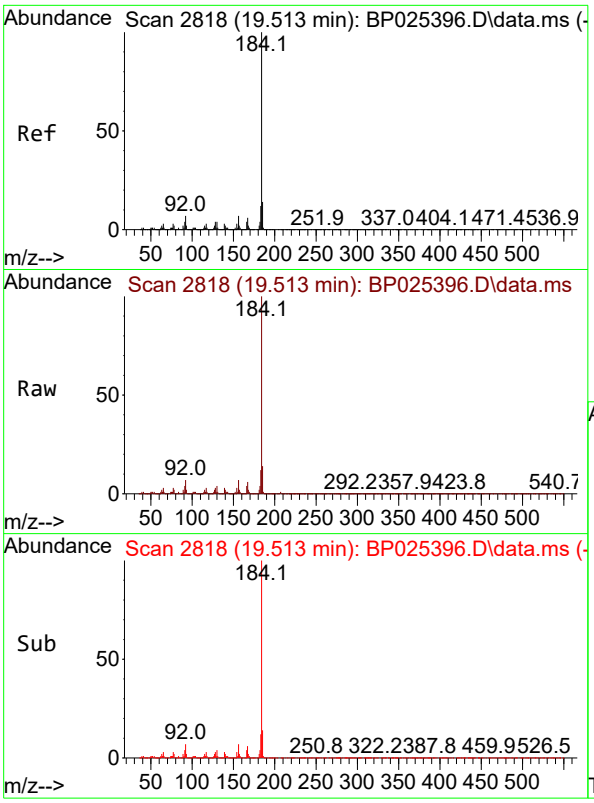


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:240 Resp: 899207

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	24.8	19.8	29.8

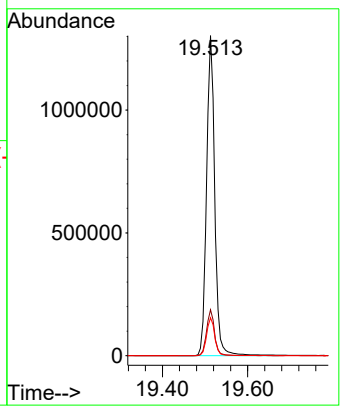




#77
Benzidine
Concen: 56.665 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:184 Resp: 173892

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.8	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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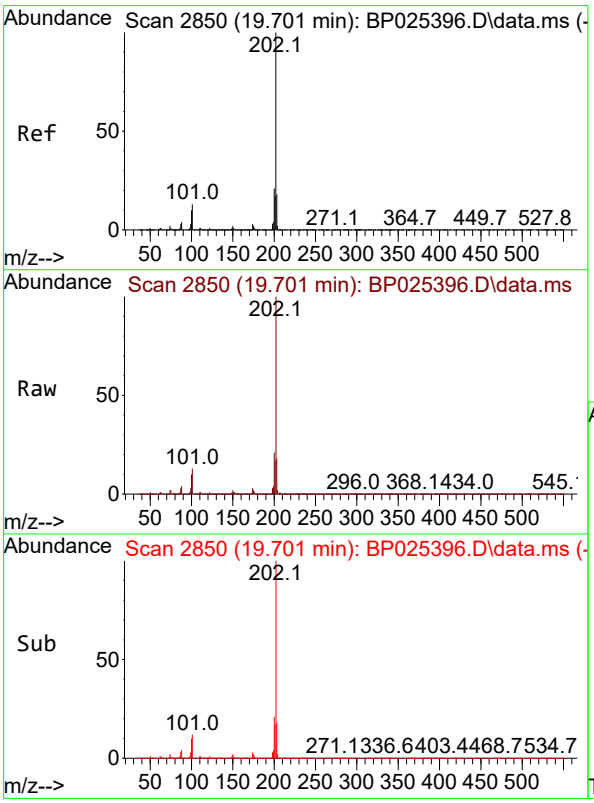
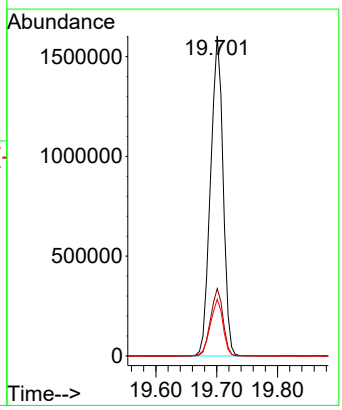
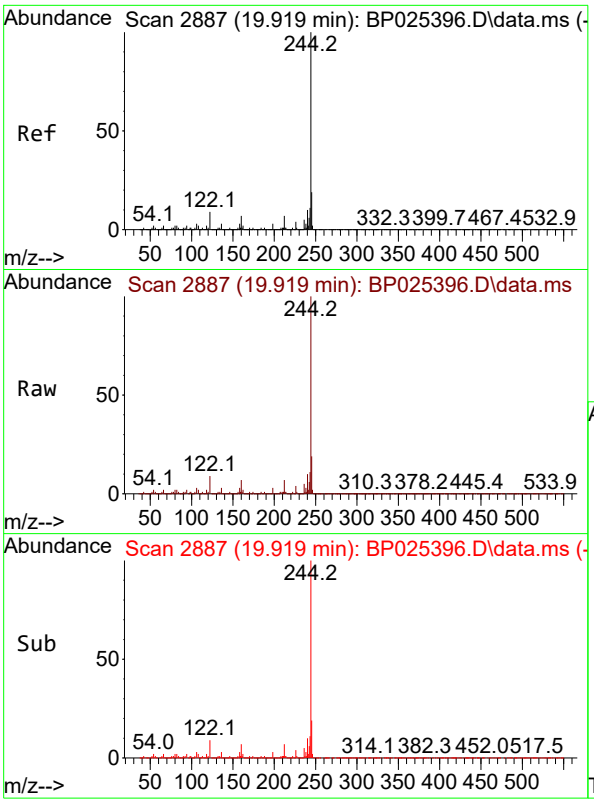


#78
Pyrene
Concen: 39.189 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:202 Resp: 2290461

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	14.2	21.2





#79
Terphenyl-d14
Concen: 76.508 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 376023

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.3	7.4	11.2

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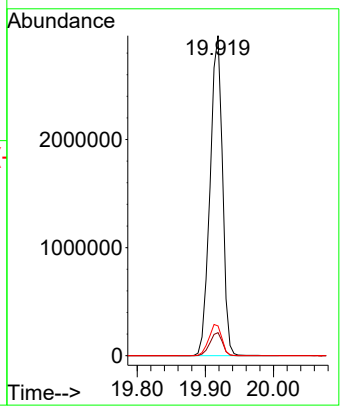
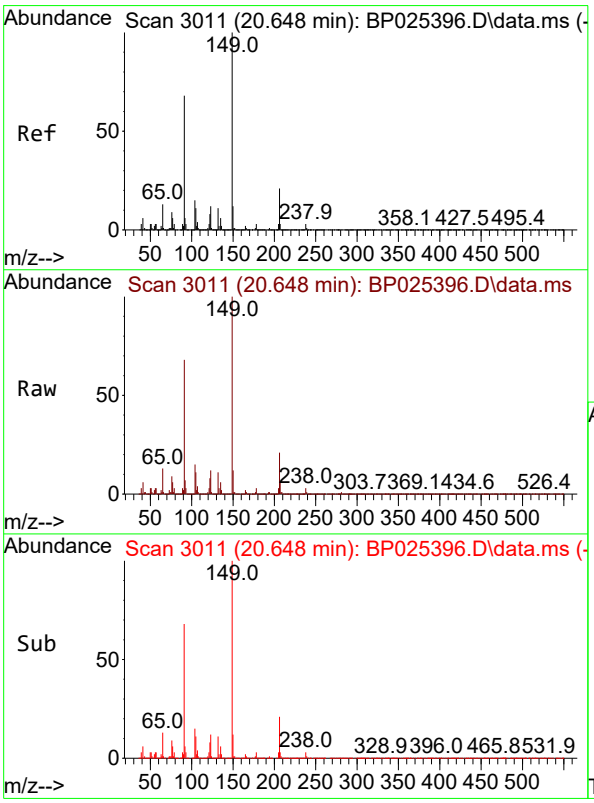
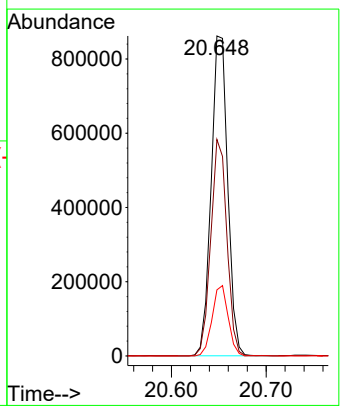


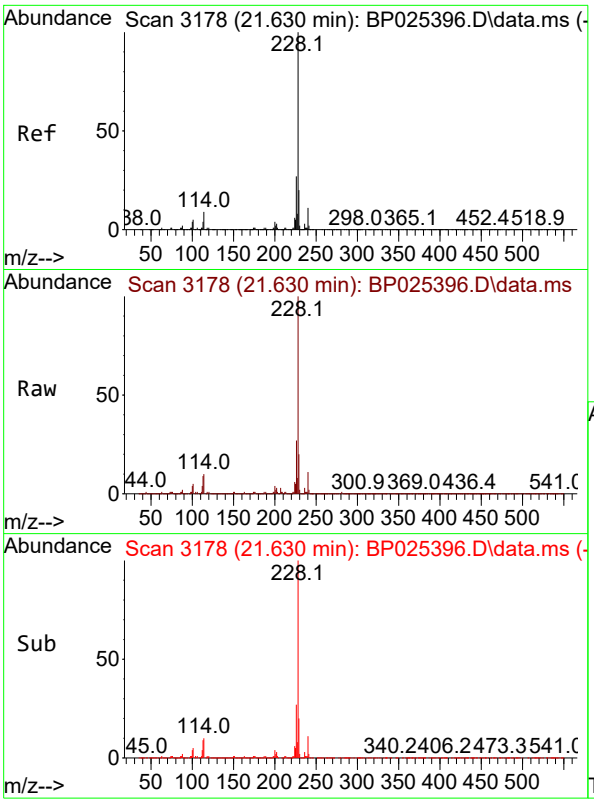


#80
Butylbenzylphthalate
Concen: 39.338 ng
RT: 20.648 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 1041998

Ion	Ratio	Lower	Upper
149	100		
91	67.7	54.2	81.2
206	20.7	16.6	24.8

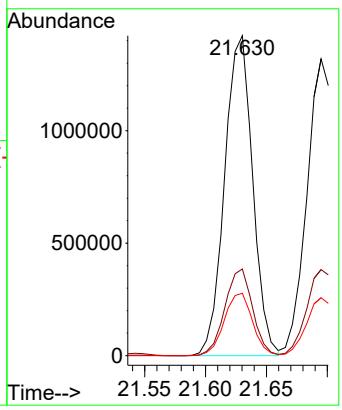




#81
Benzo(a)anthracene
Concen: 38.460 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:228 Resp: 228077

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.5	15.6	23.4



Instrument :
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ClientSampleId :
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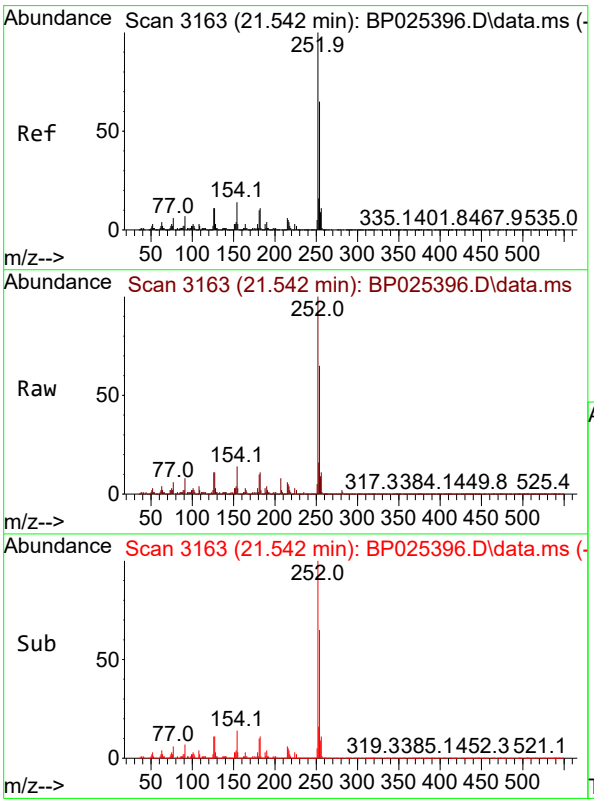
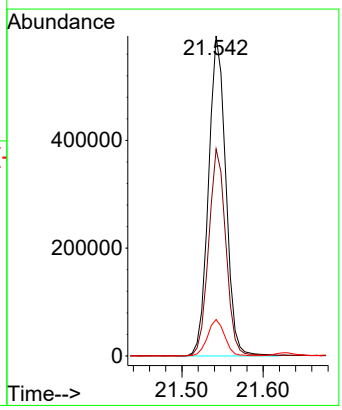
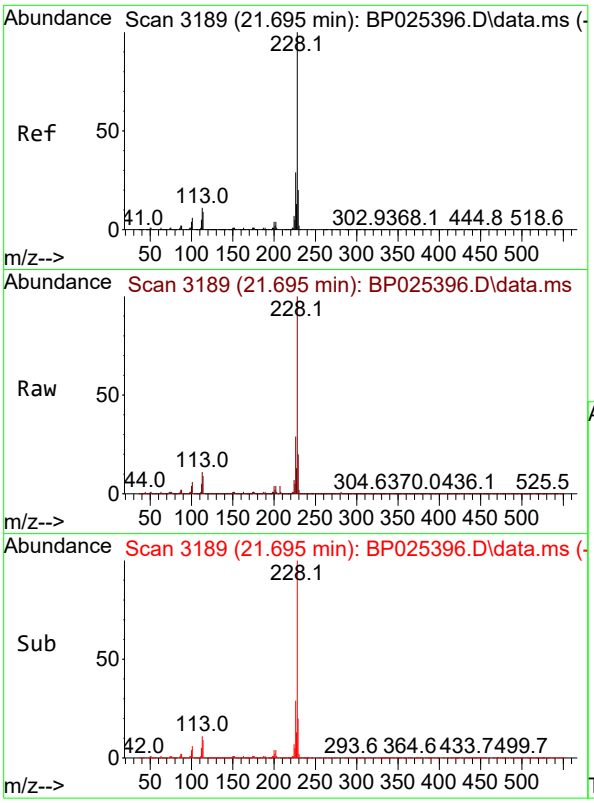


#82
3,3'-Dichlorobenzidine
Concen: 39.266 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:252 Resp: 877708

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	11.4	9.1	13.7

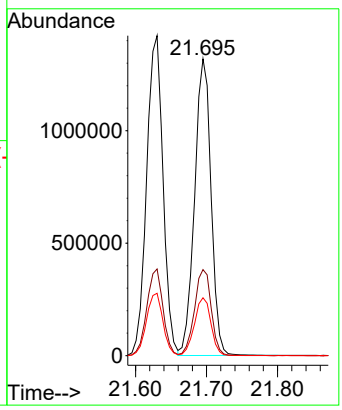




#83
Chrysene
Concen: 38.278 ng
RT: 21.695 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:228 Resp: 212586

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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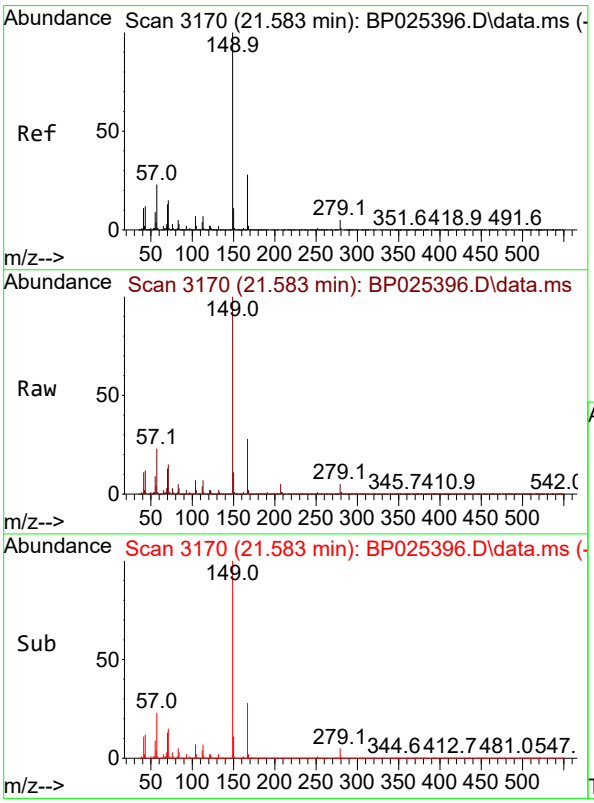
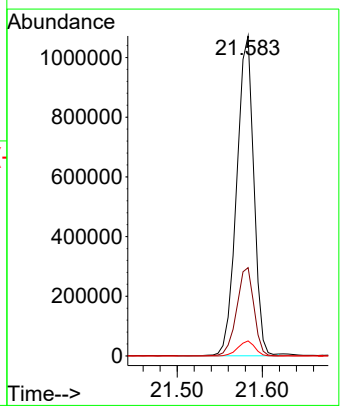
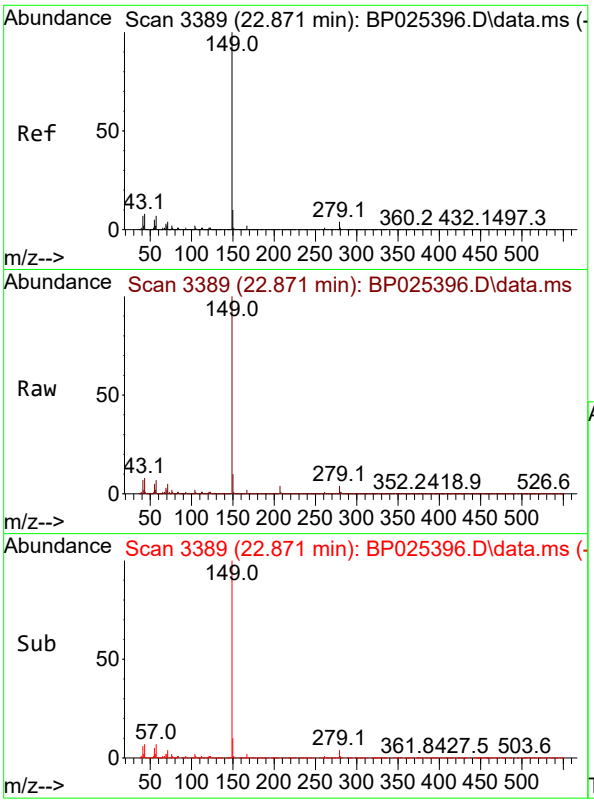


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.310 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 1493804

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.7	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 38.730 ng
RT: 22.871 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 259755

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.3	9.5

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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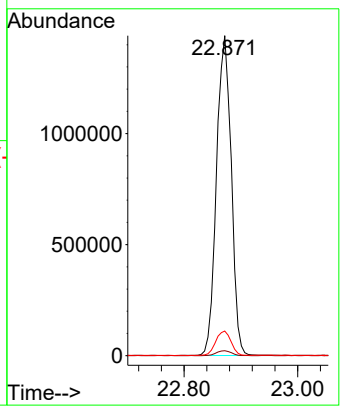
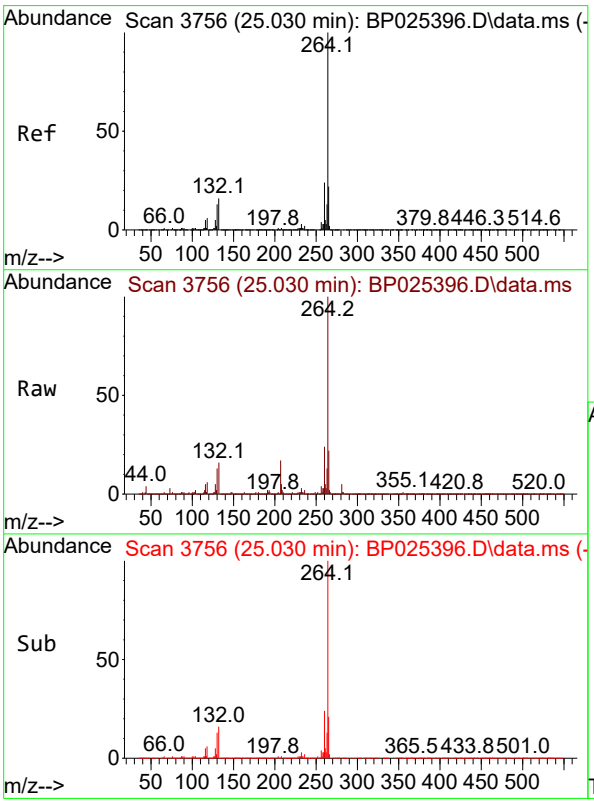
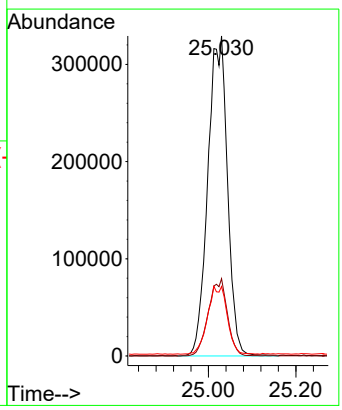


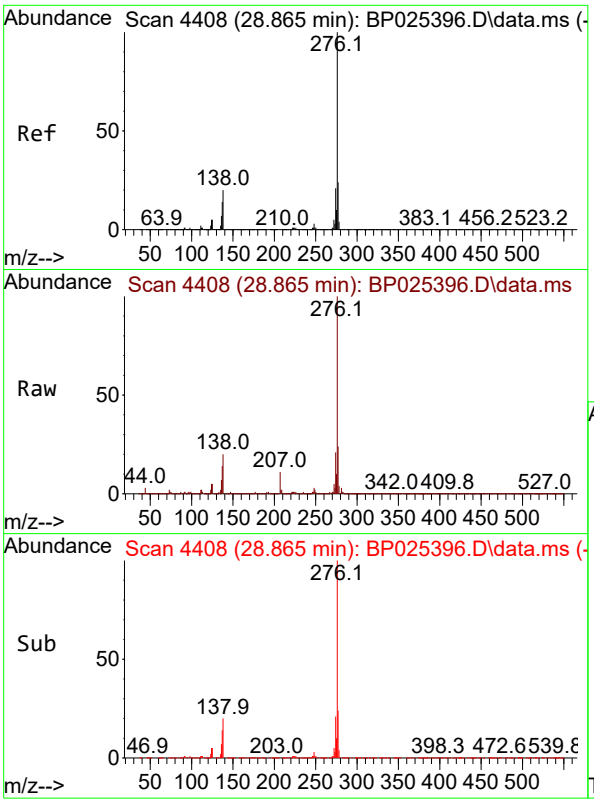


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:264 Resp: 1022138

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.7	17.4	26.0

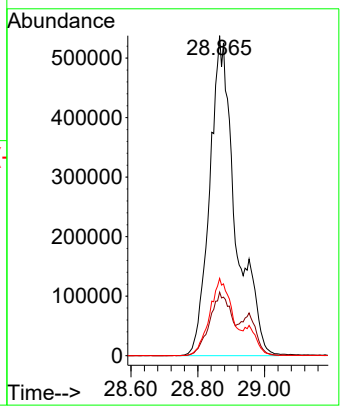




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.470 ng m
RT: 28.865 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:276 Resp: 288471

Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.9	19.3
277	21.3	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
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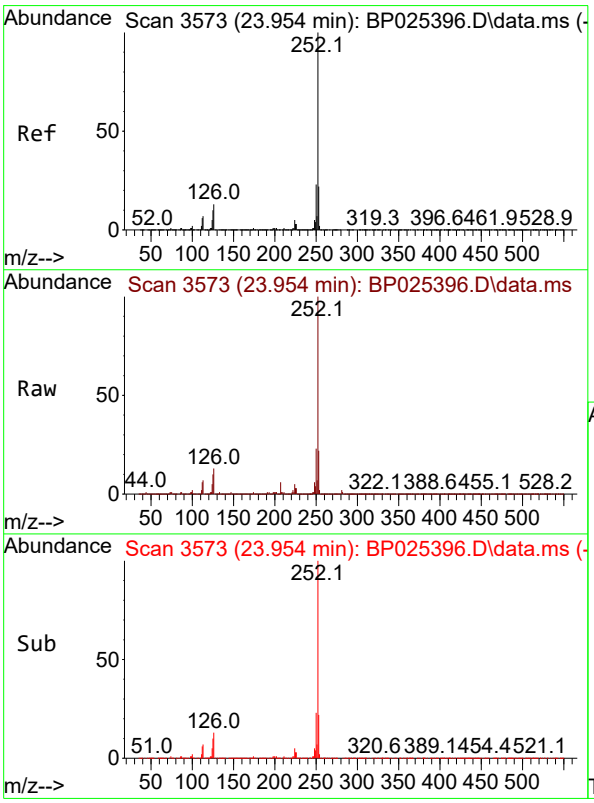
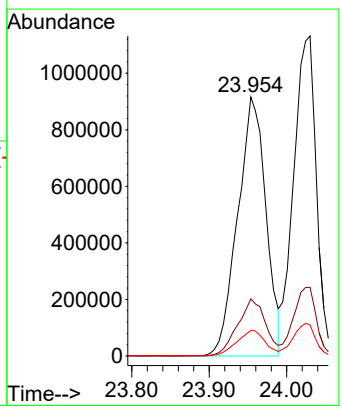
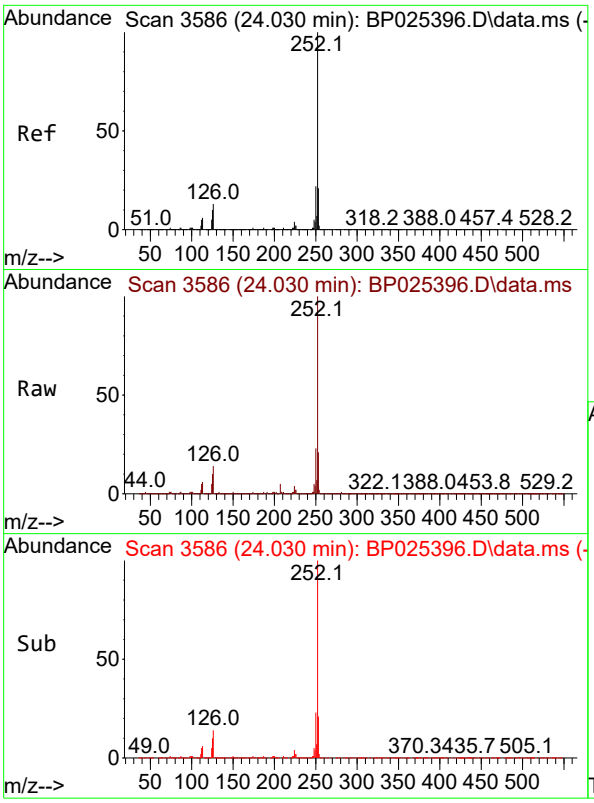


#88
Benzo(b)fluoranthene
Concen: 38.462 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:252 Resp: 2318198

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.9	7.9	11.9

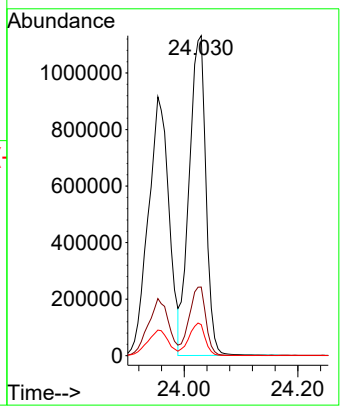




#89
Benzo(k)fluoranthene
Concen: 38.285 ng
RT: 24.030 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:252 Resp: 230909

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.7	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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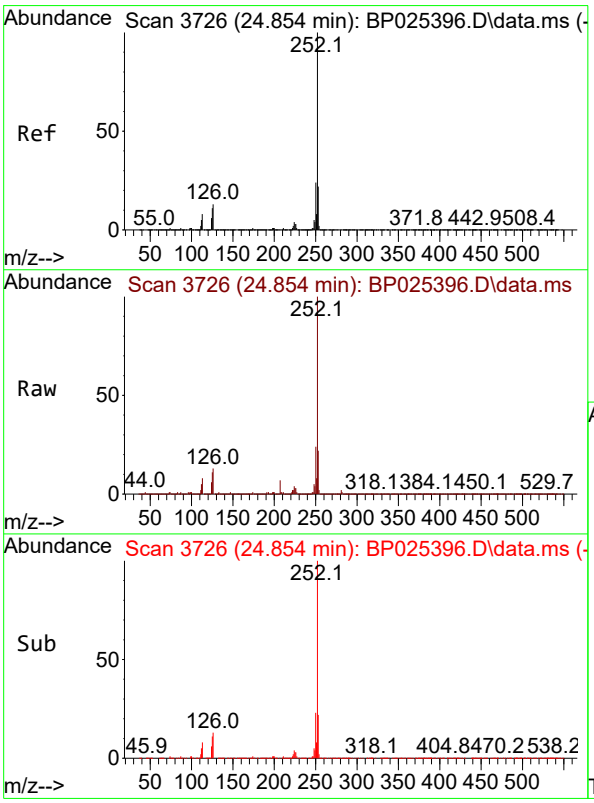
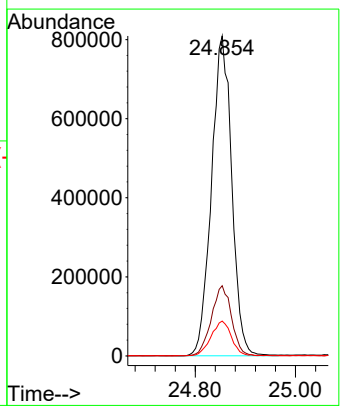
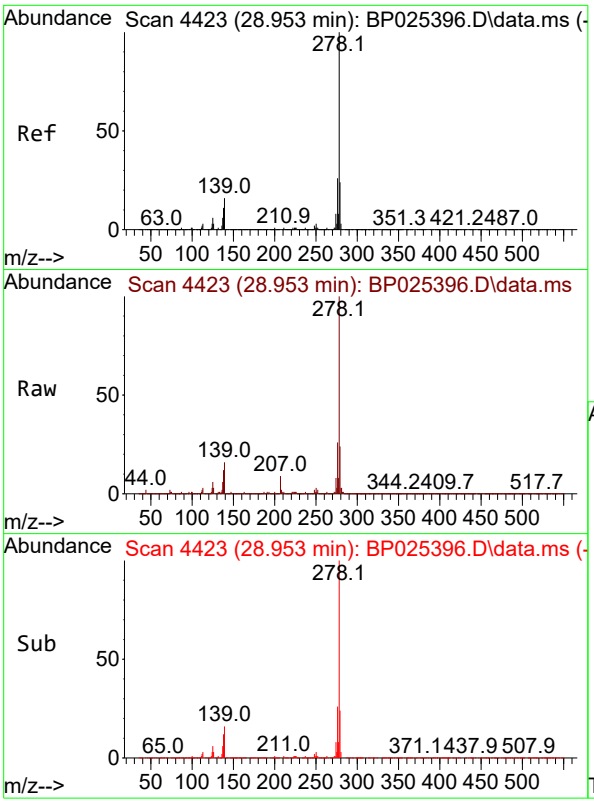


#90
Benzo(a)pyrene
Concen: 38.620 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:252 Resp: 2265862

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.9	8.7	13.1

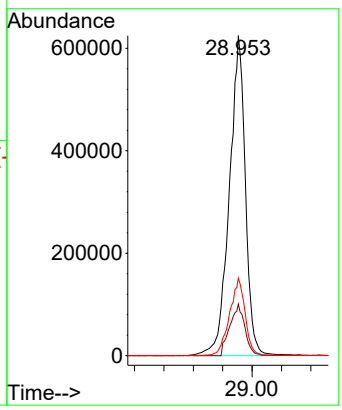




#91
Dibenzo(a,h)anthracene
Concen: 38.589 ng
RT: 28.953 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:278 Resp: 236384

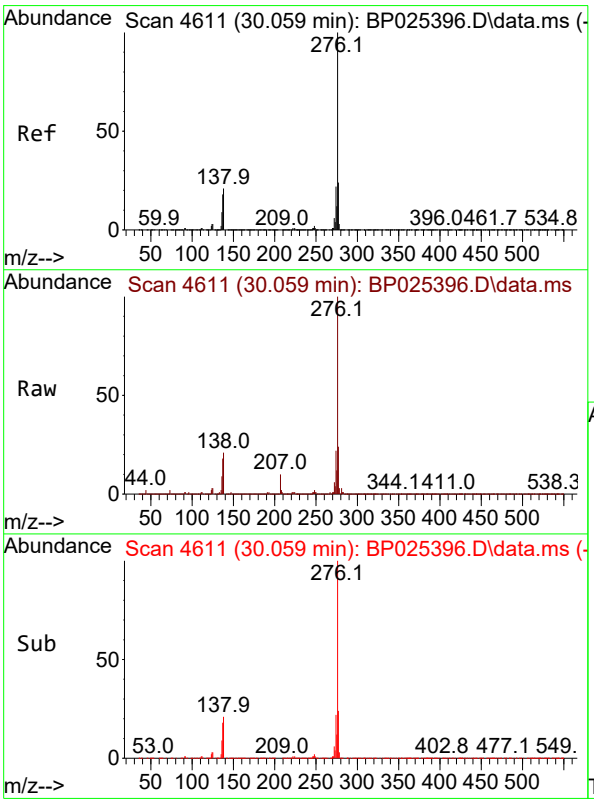
Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.4
279	24.3	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

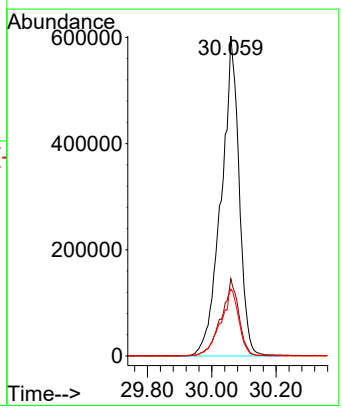
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 38.654 ng
RT: 30.059 min Scan# 4611
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:276 Resp: 2327292

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	20.9	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137945	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	573916	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	376731	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	753705	20.000	ng	0.00
76) Chrysene-d12	21.648	240	801742	20.000	ng	0.00
86) Perylene-d12	25.036	264	918939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	855256	102.963	ng	0.00
7) Phenol-d6	6.966	99	1131869	106.283	ng	0.00
23) Nitrobenzene-d5	8.937	82	1201601	105.910	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	539295	106.352	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2856639	103.632	ng	0.00
79) Terphenyl-d14	19.925	244	4409094	100.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	165184	50.769	ng	98
3) Pyridine	3.725	79	454022	50.983	ng	97
4) n-Nitrosodimethylamine	3.631	42	192837	52.524	ng	99
6) Aniline	7.125	93	756782	52.743	ng	100
8) 2-Chlorophenol	7.366	128	492570	52.550	ng	99
9) Benzaldehyde	6.943	77	435174	58.325	ng	97
10) Phenol	6.996	94	588764	52.687	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	455697	52.320	ng	99
12) 1,3-Dichlorobenzene	7.684	146	536261	51.884	ng	99
13) 1,4-Dichlorobenzene	7.825	146	550541	52.113	ng	99
14) 1,2-Dichlorobenzene	8.143	146	528750	51.705	ng	99
15) Benzyl Alcohol	8.025	79	443889	52.458	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	603716	51.742	ng	99
17) 2-Methylphenol	8.225	107	412974	53.211	ng	98
18) Hexachloroethane	8.866	117	202672	52.178	ng	96
19) n-Nitroso-di-n-propyla...	8.590	70	363151	51.419	ng	98
20) 3+4-Methylphenols	8.549	107	565208	52.538	ng	99
22) Acetophenone	8.602	105	750308	52.131	ng	100
24) Nitrobenzene	8.978	77	537647	53.024	ng	98
25) Isophorone	9.502	82	1047736	52.182	ng	99
26) 2-Nitrophenol	9.678	139	282682	54.323	ng	98
27) 2,4-Dimethylphenol	9.737	122	481502	53.806	ng	97
28) bis(2-Chloroethoxy)met...	9.972	93	630027	51.909	ng	99
29) 2,4-Dichlorophenol	10.213	162	475406	53.478	ng	99
30) 1,2,4-Trichlorobenzene	10.431	180	507724	52.101	ng	99
31) Naphthalene	10.607	128	1560240	52.305	ng	100
32) Benzoic acid	9.884	122	357706	54.274	ng	96
33) 4-Chloroaniline	10.713	127	705562	53.548	ng	99
34) Hexachlorobutadiene	10.902	225	312163	51.436	ng	98
35) Caprolactam	11.502	113	172663	52.969	ng	94
36) 4-Chloro-3-methylphenol	11.843	107	534583	52.407	ng	100
37) 2-Methylnaphthalene	12.219	142	1003813	51.710	ng	99
38) 1-Methylnaphthalene	12.443	142	1076949	52.167	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	574152	52.769	ng	99
41) Hexachlorocyclopentadiene	12.572	237	364047	55.392	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	396440	53.971	ng	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	430061	53.421	ng	99
46) 1,1'-Biphenyl	13.231	154	1447968	52.922	ng	99
47) 2-Chloronaphthalene	13.272	162	1114922	52.344	ng	99
48) 2-Nitroaniline	13.472	65	338939	54.613	ng	98
49) Acenaphthylene	14.125	152	1875998	53.227	ng	100
50) Dimethylphthalate	13.860	163	1424127	51.622	ng	100
51) 2,6-Dinitrotoluene	13.966	165	312149	53.683	ng	97
52) Acenaphthene	14.472	154	1087721	52.577	ng	98
53) 3-Nitroaniline	14.301	138	362030	55.339	ng	99
54) 2,4-Dinitrophenol	14.507	184	175453	56.503	ng	98
55) Dibenzofuran	14.813	168	1705630	52.147	ng	99
56) 4-Nitrophenol	14.619	139	296227	55.103	ng	98
57) 2,4-Dinitrotoluene	14.766	165	450923	54.354	ng	97
58) Fluorene	15.466	166	1332448	51.627	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.043	232	378743	53.281	ng	99
60) Diethylphthalate	15.243	149	1450033	51.728	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	650101	50.647	ng	99
62) 4-Nitroaniline	15.478	138	364030	54.278	ng	99
63) Azobenzene	15.760	77	1262576	52.602	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	262126	55.792	ng	98
66) n-Nitrosodiphenylamine	15.678	169	1195077	51.997	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	433740	52.325	ng	99
68) Hexachlorobenzene	16.495	284	497906	51.816	ng	97
69) Atrazine	16.654	200	451704	52.479	ng	98
70) Pentachlorophenol	16.842	266	332839	54.872	ng	97
71) Phenanthrene	17.248	178	2139431	51.673	ng	100
72) Anthracene	17.337	178	2214911	52.385	ng	100
73) Carbazole	17.613	167	2093175	52.559	ng	99
74) Di-n-butylphthalate	18.213	149	2589522	52.849	ng	99
75) Fluoranthene	19.325	202	2563702	51.910	ng	99
77) Benzidine	19.513	184	1330198	48.615	ng	99
78) Pyrene	19.701	202	2644850	50.754	ng	100
80) Butylbenzylphthalate	20.660	149	1231376	52.139	ng	98
81) Benzo(a)anthracene	21.630	228	2723006	51.499	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	1043476	52.357	ng	99
83) Chrysene	21.701	228	2565856	51.817	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	1805478	51.933	ng	100
85) Di-n-octyl phthalate	22.877	149	3150824	52.690	ng	100
87) Indeno(1,2,3-cd)pyrene	28.859	276	3604179m	53.463	ng	
88) Benzo(b)fluoranthene	23.960	252	2870971	52.982	ng	100
89) Benzo(k)fluoranthene	24.042	252	2817276	51.956	ng	99
90) Benzo(a)pyrene	24.877	252	2800880	53.100	ng	99
91) Dibenzo(a,h)anthracene	28.965	278	2962622	53.795	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2866689m	52.960	ng	

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

ICAL Form

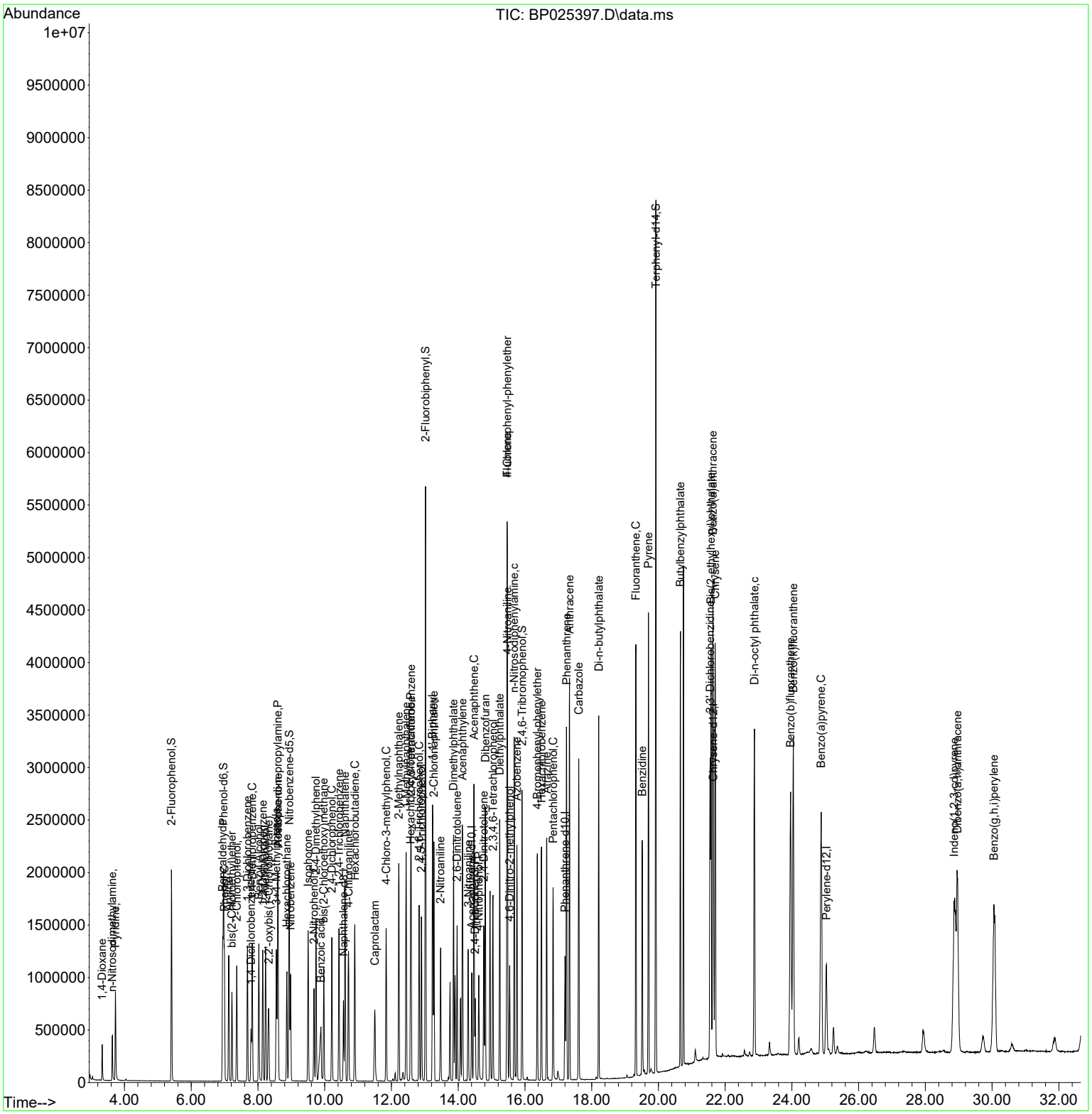
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

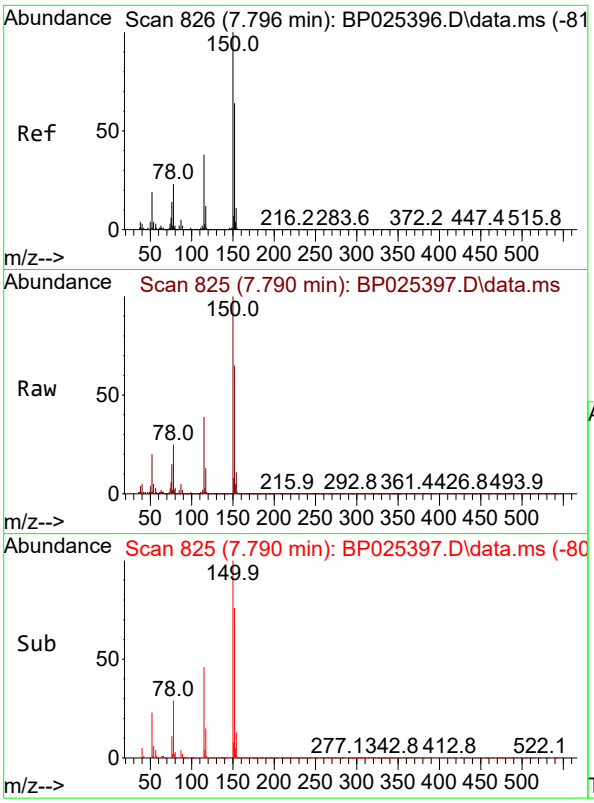
Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

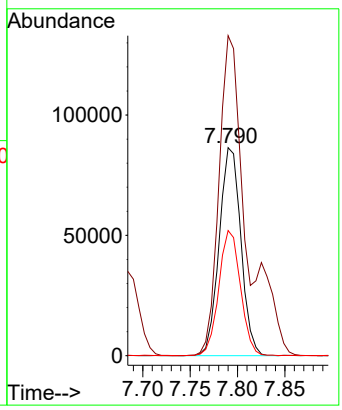




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:152 Resp: 13794

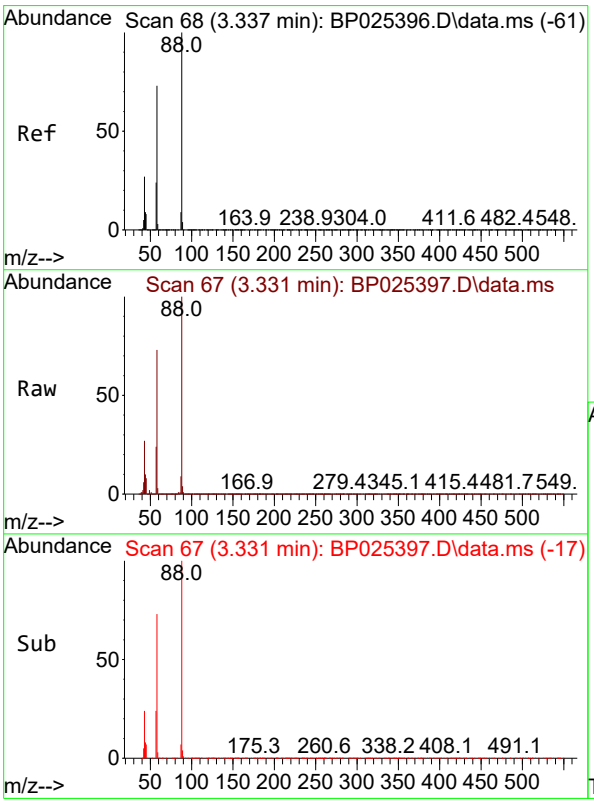
Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.9	188.9
115	60.2	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

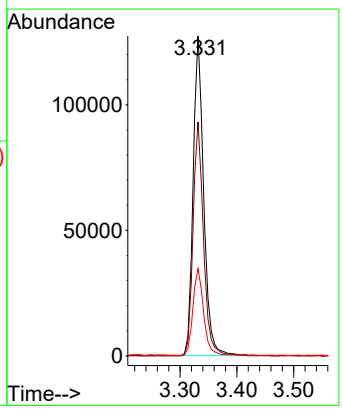
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

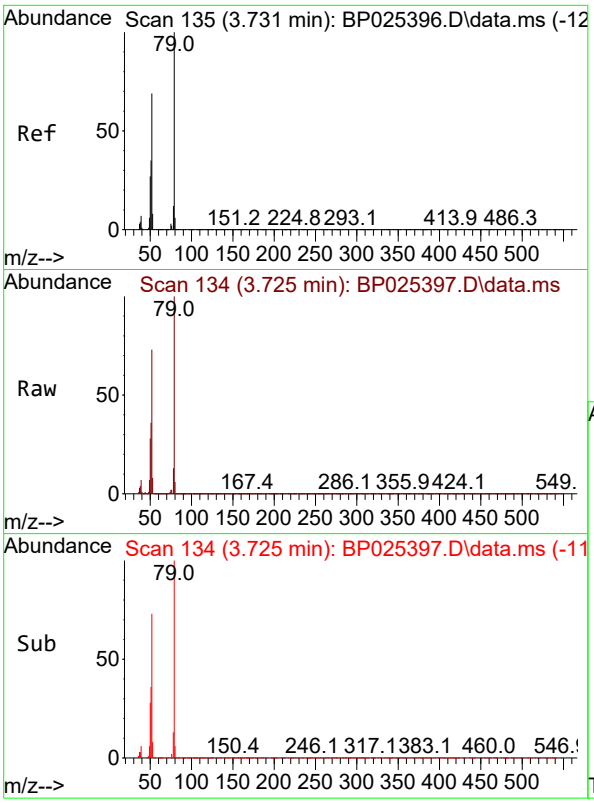


#2
1,4-Dioxane
Concen: 50.769 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 88 Resp: 165184

Ion	Ratio	Lower	Upper
88	100		
58	72.6	59.2	88.8
43	27.8	21.7	32.5

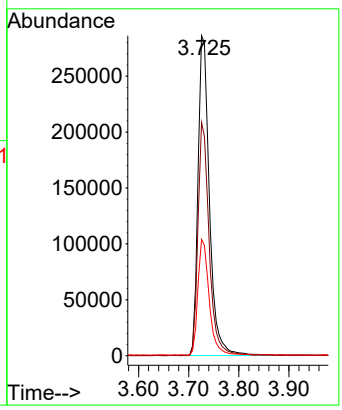




#3
Pyridine
Concen: 50.983 ng
RT: 3.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 79 Resp: 45402

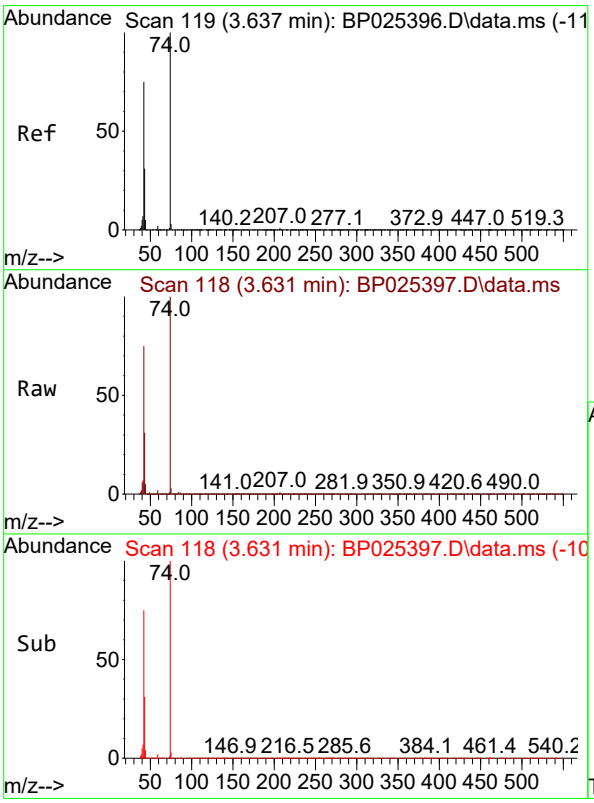
Ion	Ratio	Lower	Upper
79	100		
52	72.9	55.5	83.3
51	36.3	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

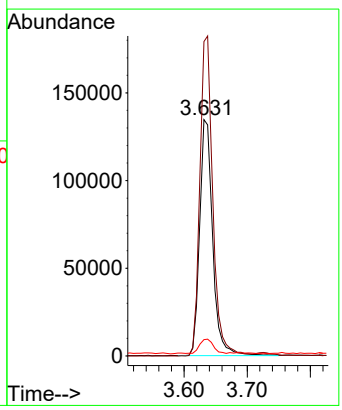
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

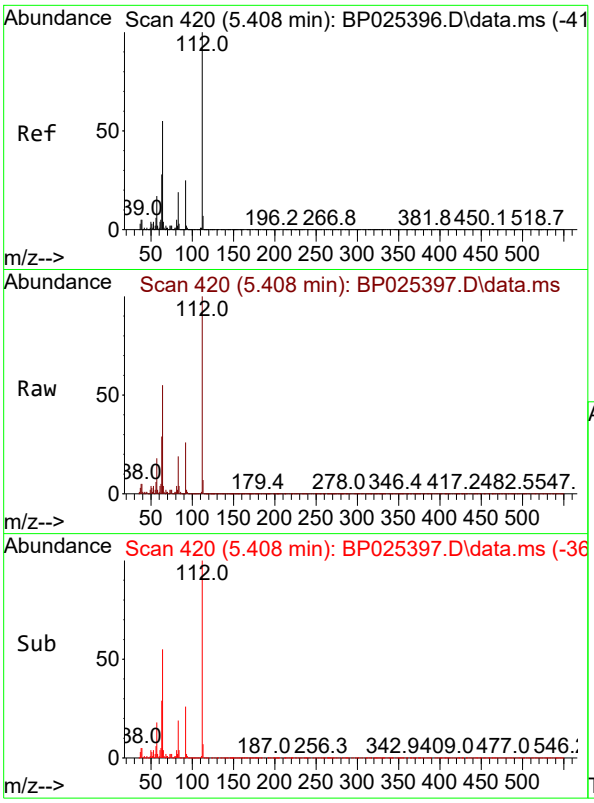


#4
n-Nitrosodimethylamine
Concen: 52.524 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 42 Resp: 192837

Ion	Ratio	Lower	Upper
42	100		
74	133.0	107.0	160.4
44	6.9	6.2	9.4

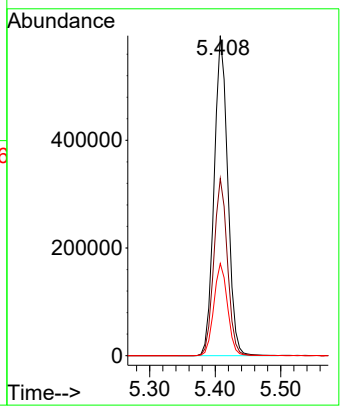




#5
2-Fluorophenol
Concen: 102.963 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:112 Resp: 85525

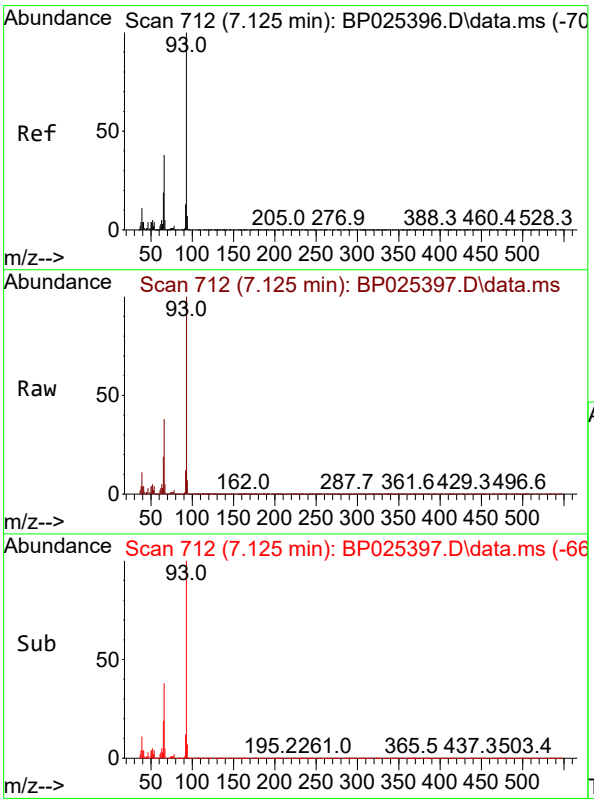
Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.8	65.8
63	28.8	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

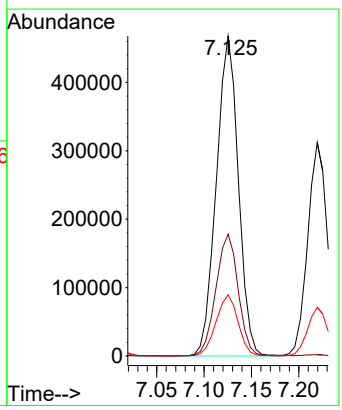
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

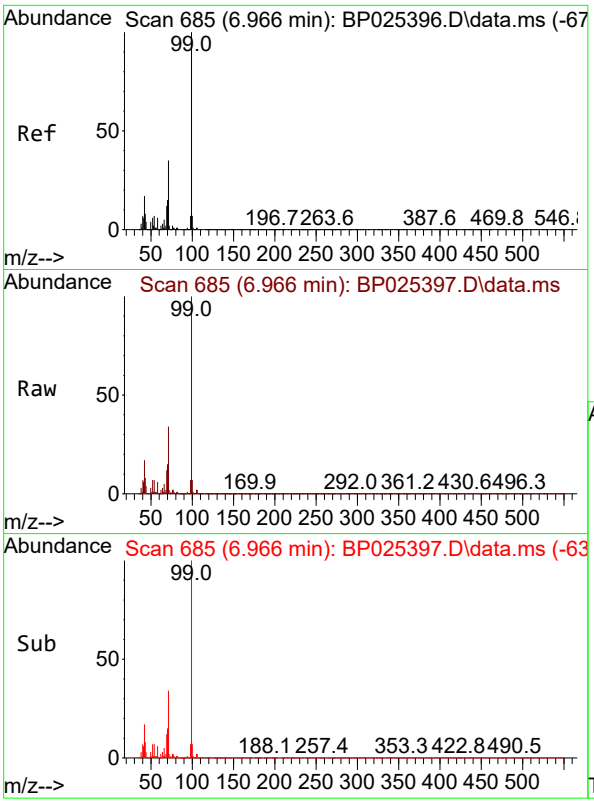


#6
Aniline
Concen: 52.743 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 756782

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	19.1	15.3	22.9

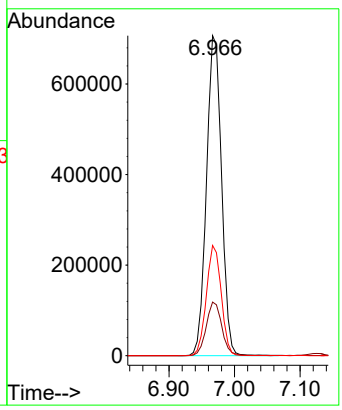




#7
Phenol-d6
Concen: 106.283 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 99 Resp: 113186

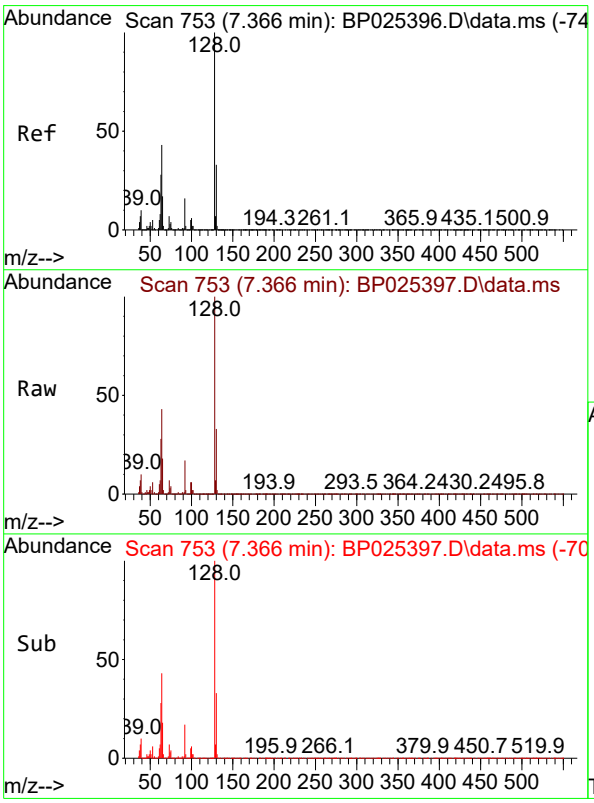
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.7	20.5
71	34.4	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

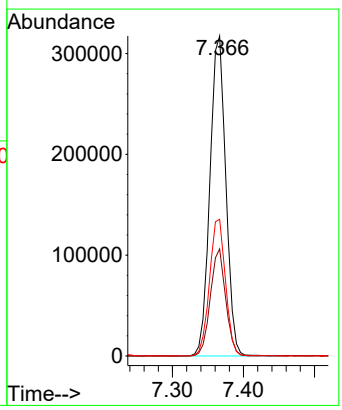
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

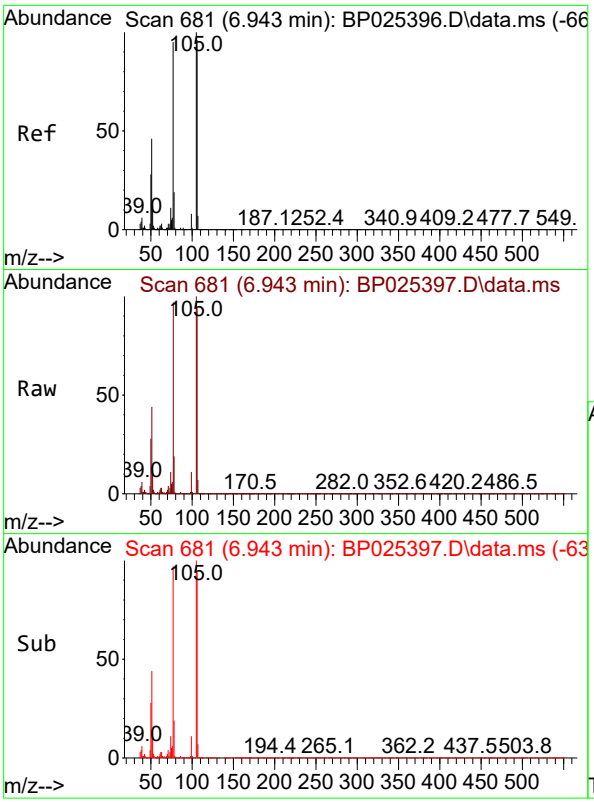


#8
2-Chlorophenol
Concen: 52.550 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:128 Resp: 492570

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.6	52.6
64	42.7	23.4	63.4

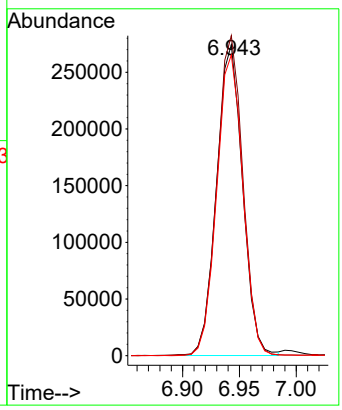




#9
Benzaldehyde
Concen: 58.325 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 77 Resp: 43517

Ion	Ratio	Lower	Upper
77	100		
105	102.9	84.8	124.8
106	96.7	80.5	120.5



Instrument :
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ClientSampleId :
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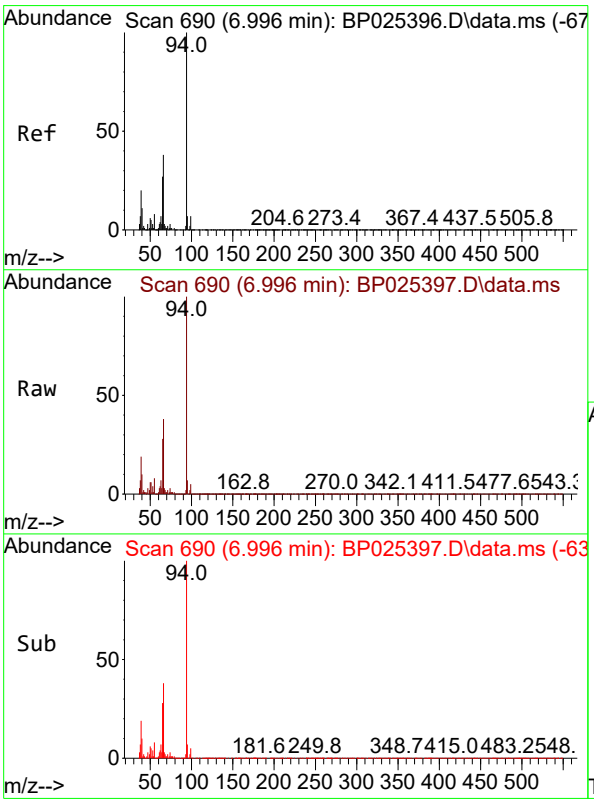
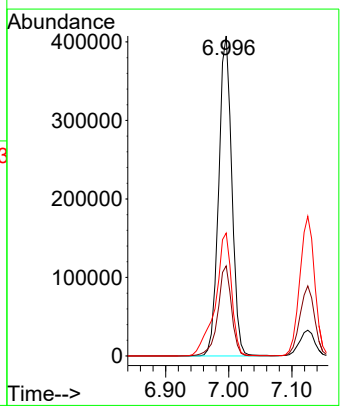
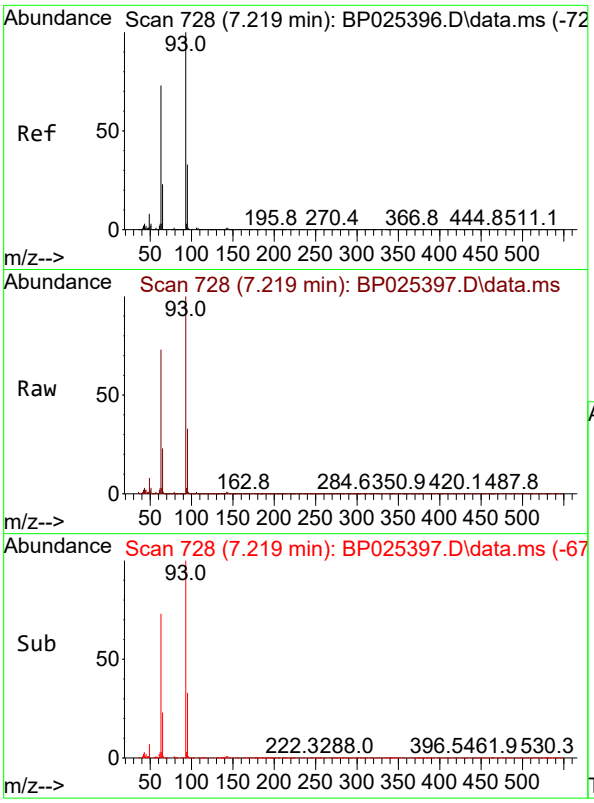


#10
Phenol
Concen: 52.687 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 94 Resp: 588764

Ion	Ratio	Lower	Upper
94	100		
65	28.1	6.8	46.8
66	38.4	18.2	58.2

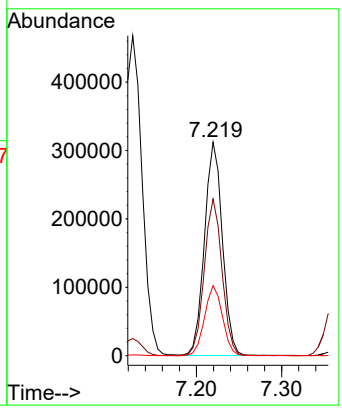




#11
bis(2-Chloroethyl)ether
Concen: 52.320 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 45569

Ion	Ratio	Lower	Upper
93	100		
63	73.4	52.6	92.6
95	32.9	12.7	52.7



Instrument :
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ClientSampleId :
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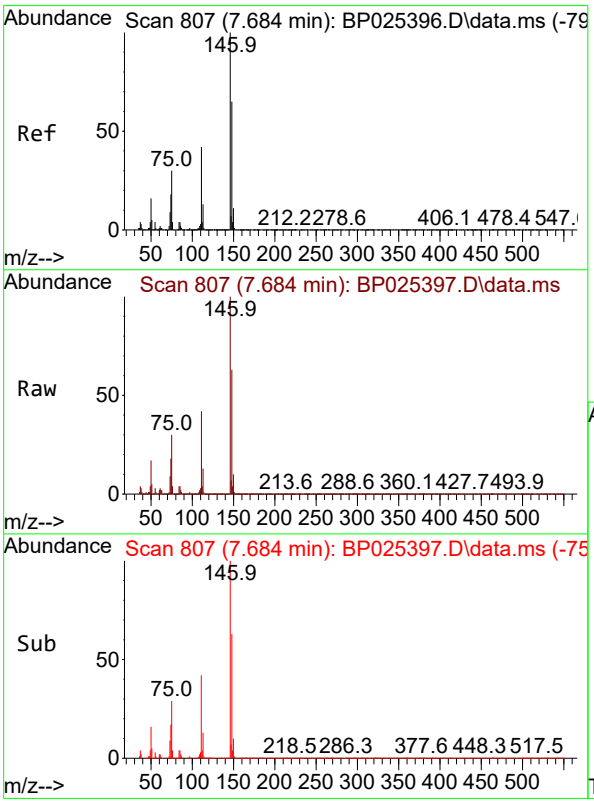
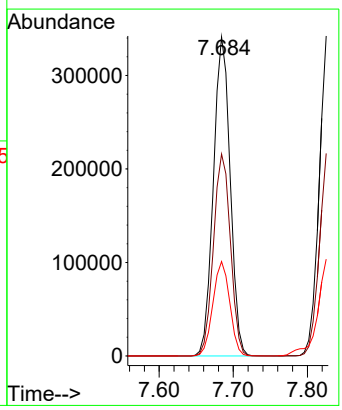
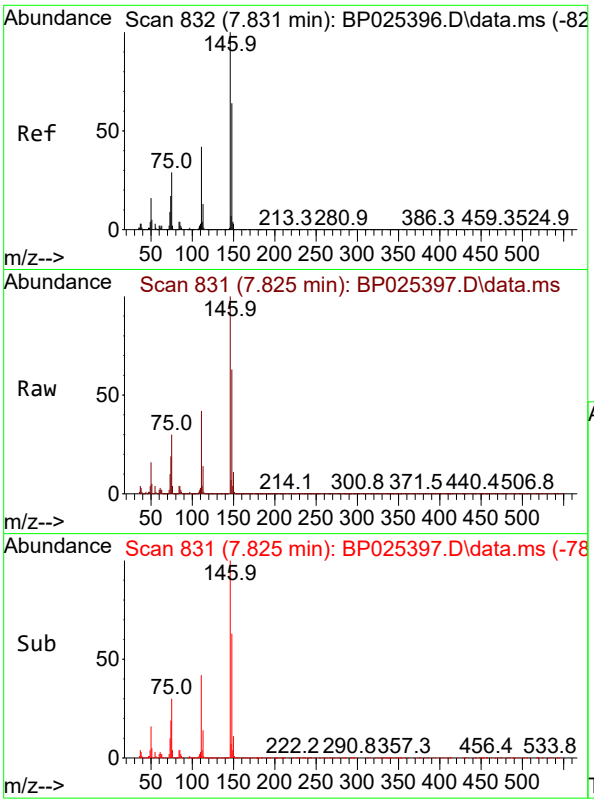


#12
1,3-Dichlorobenzene
Concen: 51.884 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:146 Resp: 536261

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	29.6	23.7	35.5

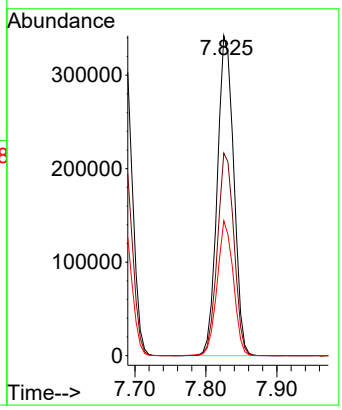




#13
1,4-Dichlorobenzene
Concen: 52.113 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:146 Resp: 55054

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	42.2	33.4	50.0



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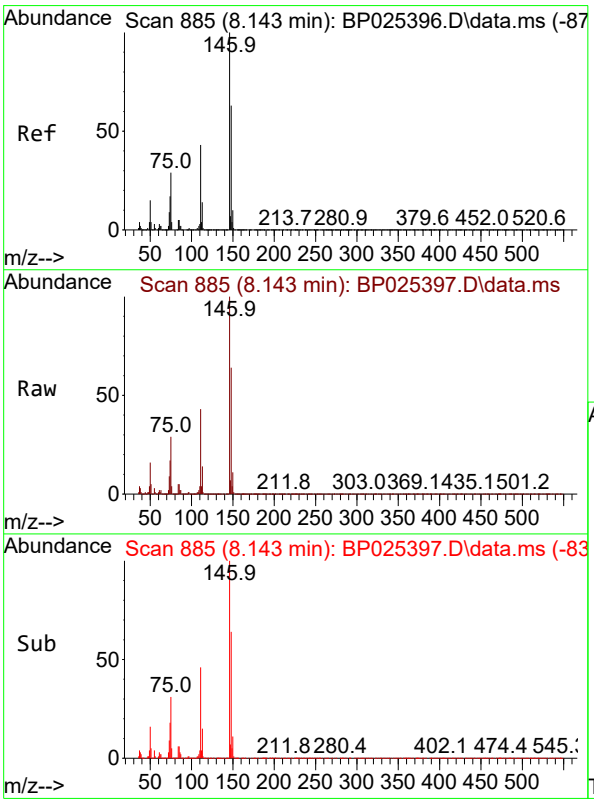
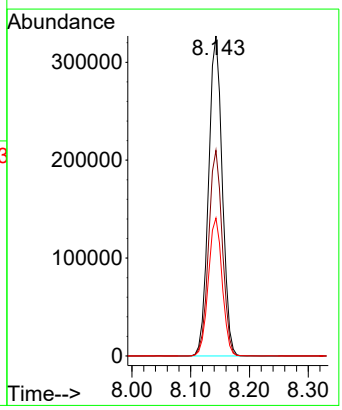
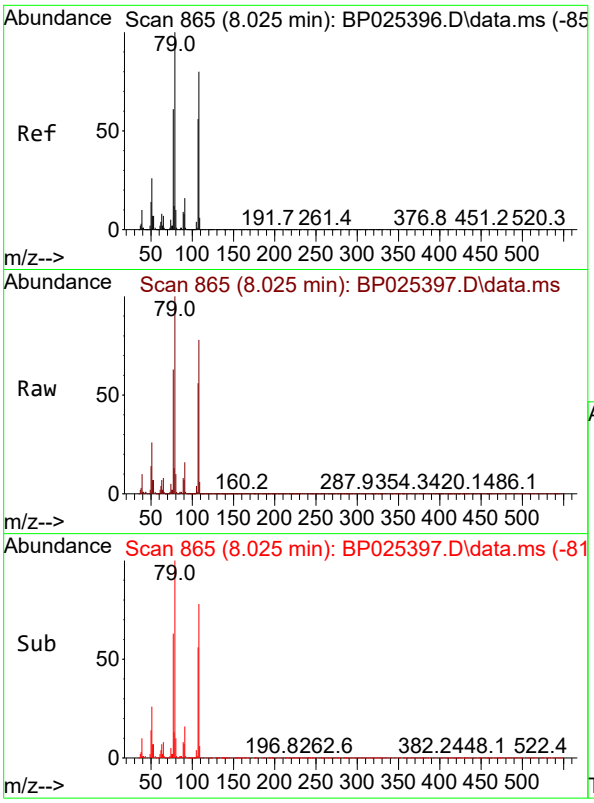


#14
1,2-Dichlorobenzene
Concen: 51.705 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:146 Resp: 528750

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	43.1	34.5	51.7

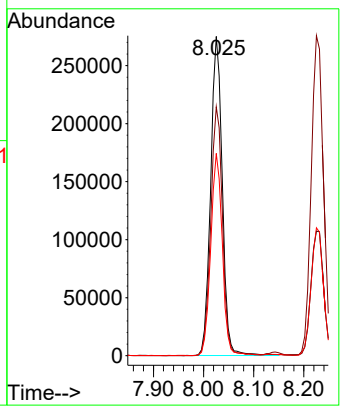




#15
Benzyl Alcohol
Concen: 52.458 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 79 Resp: 44388

Ion	Ratio	Lower	Upper
79	100		
108	77.9	63.8	95.6
77	63.4	49.0	73.4



Instrument :
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ClientSampleId :
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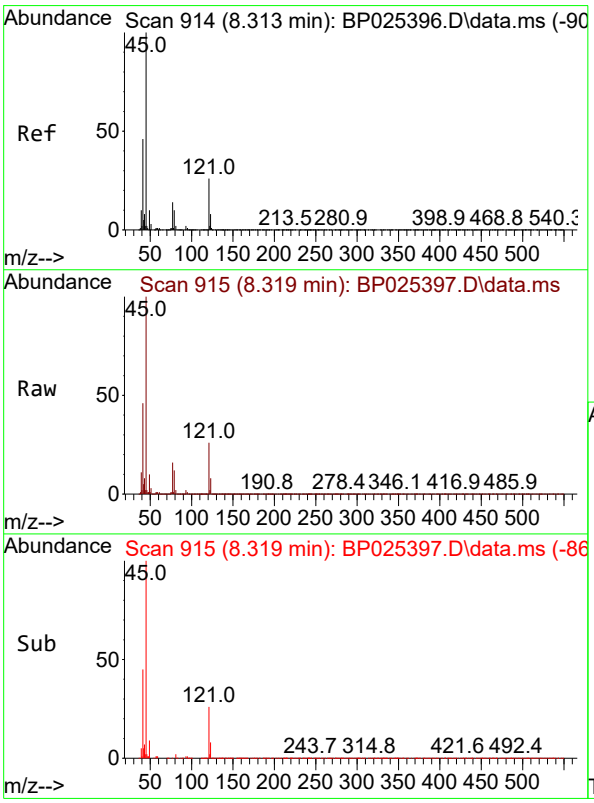
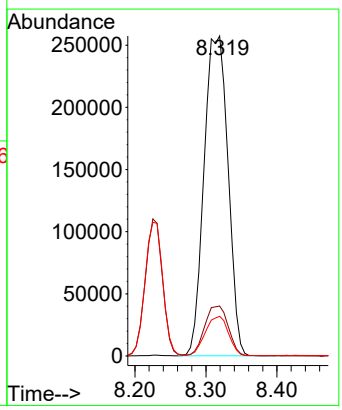
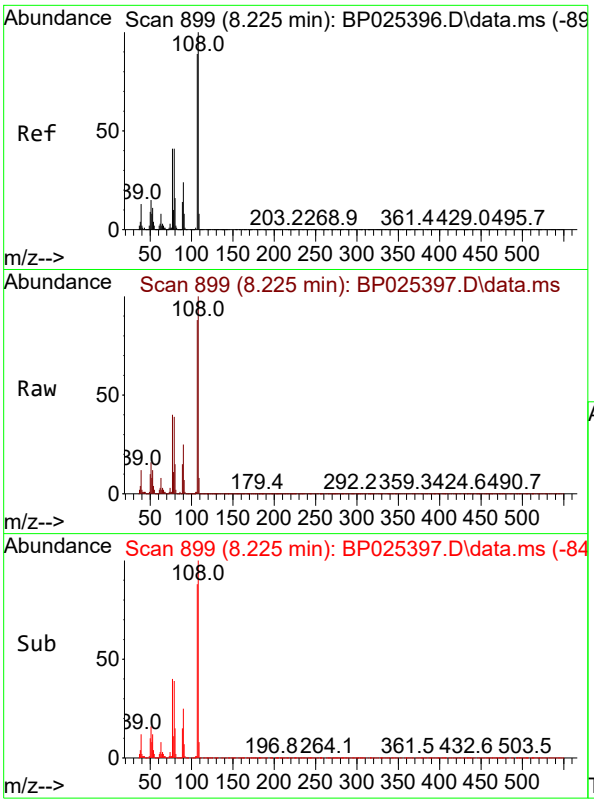


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.742 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 45 Resp: 603716

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.3
79	12.4	0.0	31.8

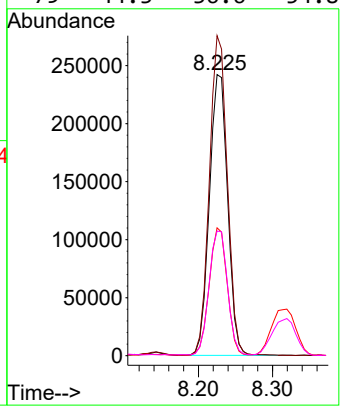




#17
2-Methylphenol
Concen: 53.211 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 41297

Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.4	134.0
77	45.5	36.3	54.5
79	44.3	36.6	54.8



Instrument :
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ClientSampleId :
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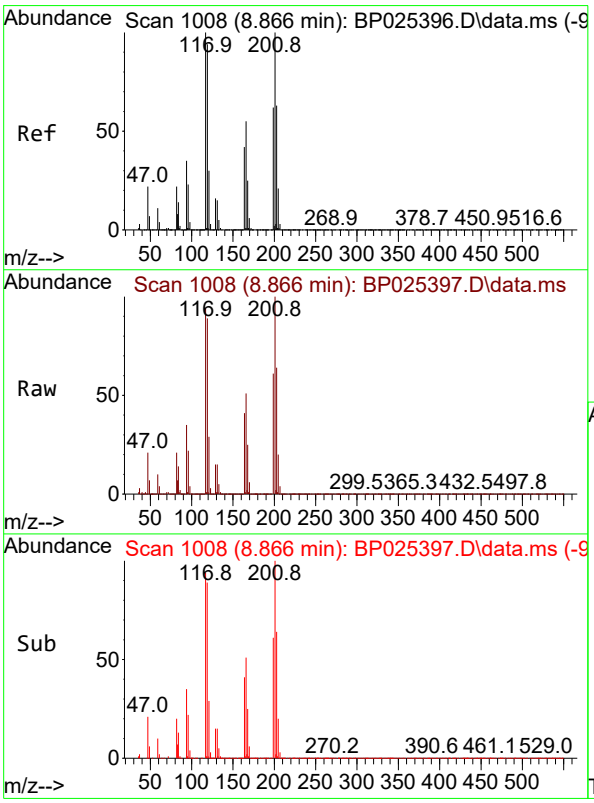
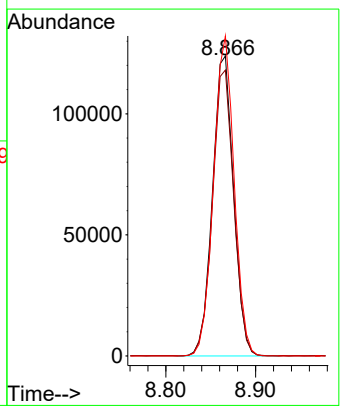
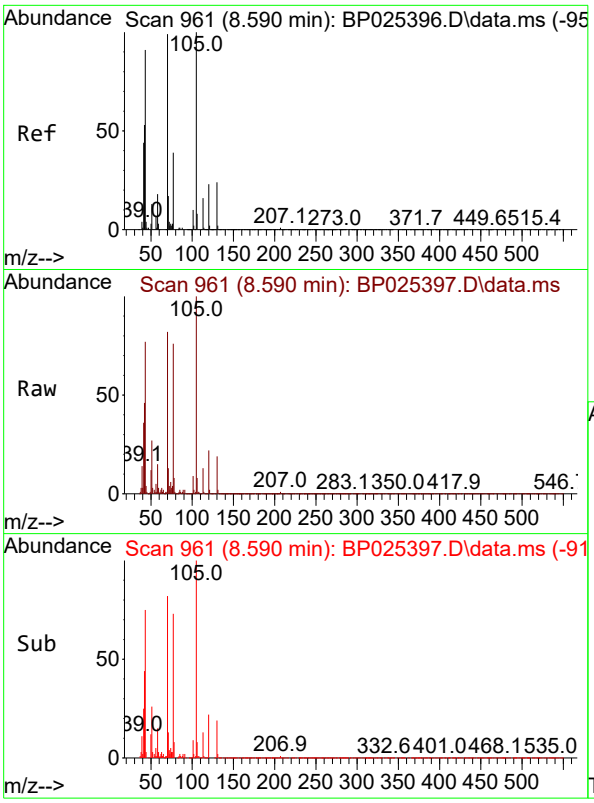


#18
Hexachloroethane
Concen: 52.178 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:117 Resp: 202672

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.1	112.7
201	106.7	80.1	120.1

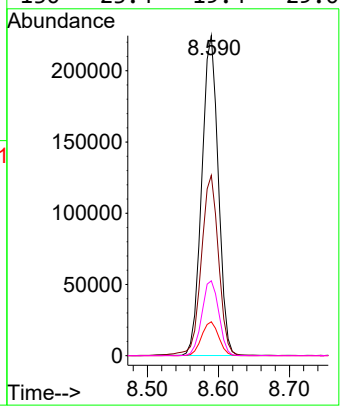




#19
n-Nitroso-di-n-propylamine
Concen: 51.419 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 70 Resp: 36315

Ion	Ratio	Lower	Upper
70	100		
42	56.4	43.8	65.6
101	10.6	8.5	12.7
130	23.4	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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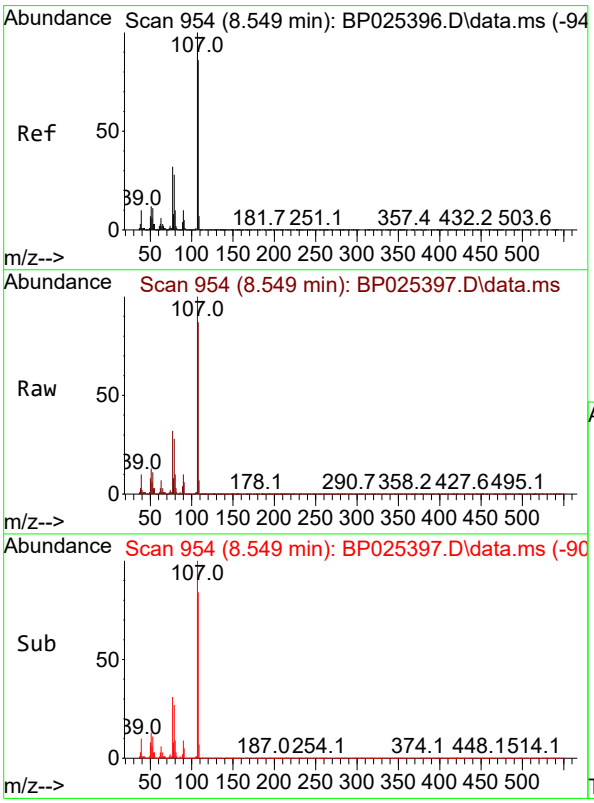
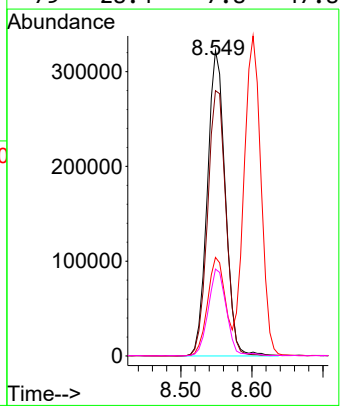
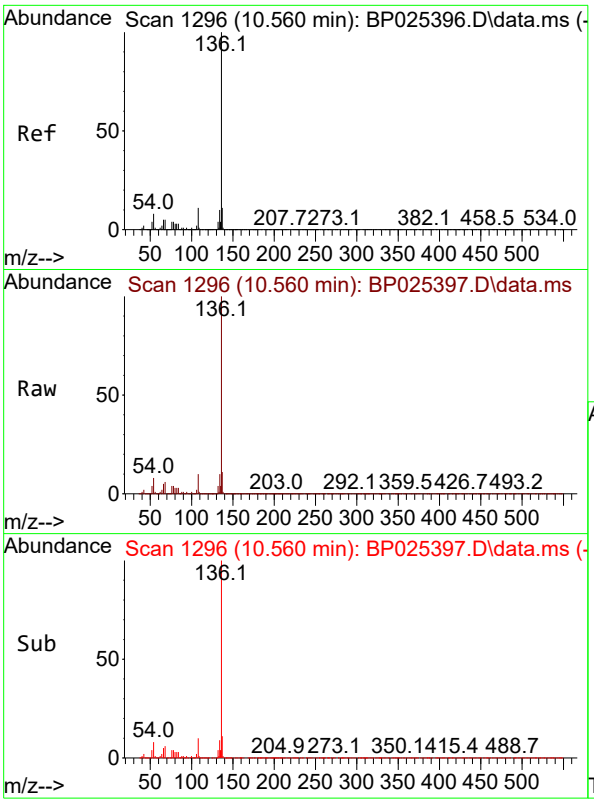


#20
3+4-Methylphenols
Concen: 52.538 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 565208

Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.3	106.3
77	32.2	12.3	52.3
79	28.4	7.8	47.8

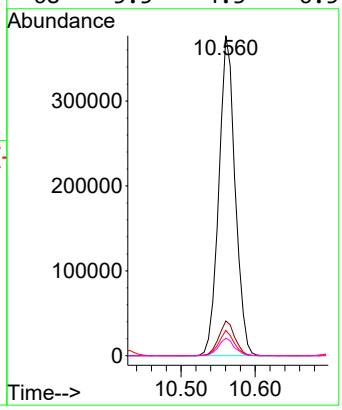




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:136 Resp: 57391

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	6.0	9.0
68	5.5	4.3	6.5



Instrument :
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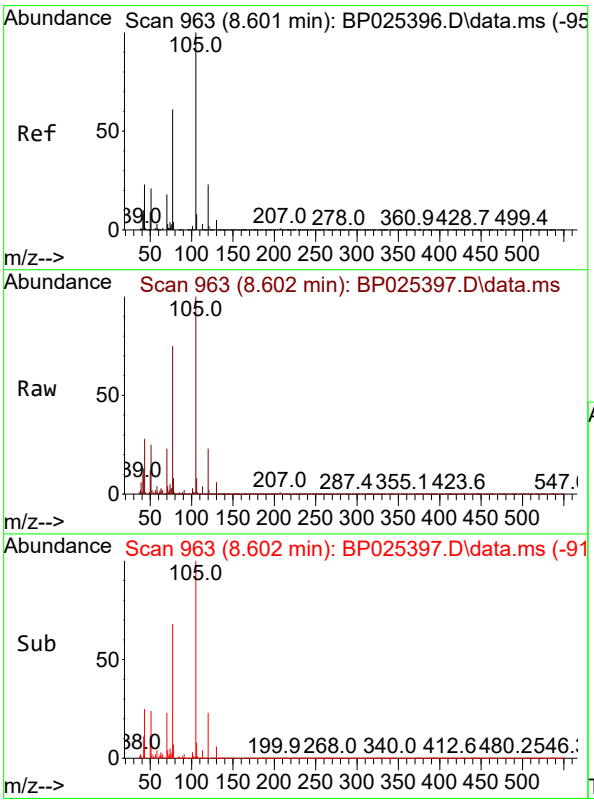
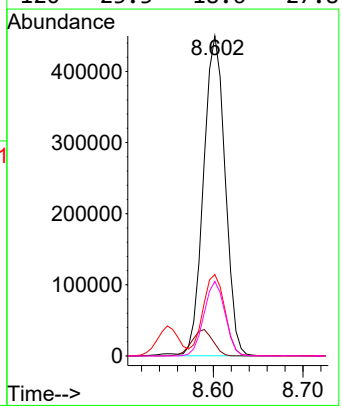
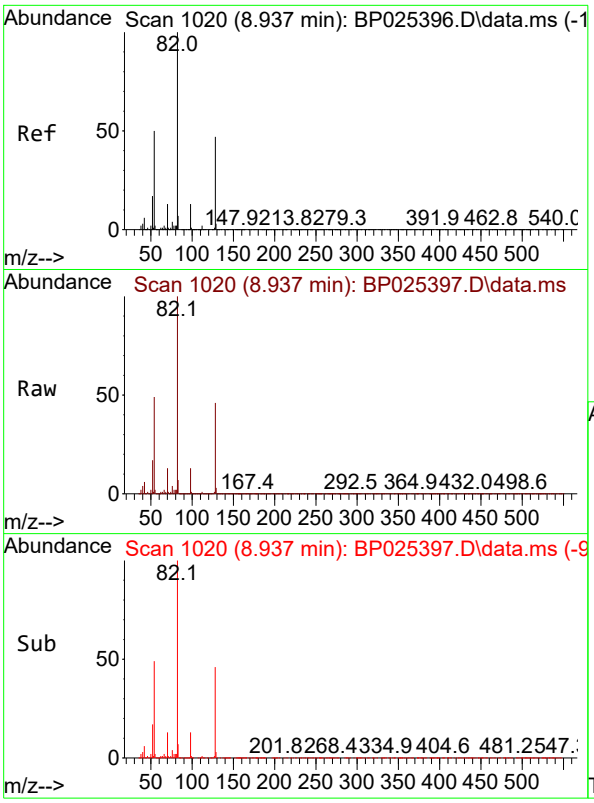


#22
Acetophenone
Concen: 52.131 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:105 Resp: 750308

Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.6	4.0
51	25.5	20.6	30.8
120	23.3	18.6	27.8

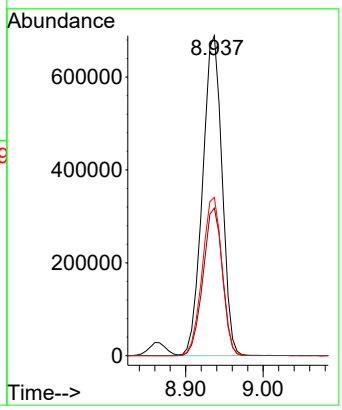




#23
Nitrobenzene-d5
Concen: 105.910 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 82 Resp: 120160

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.7	56.5
54	49.4	39.8	59.6



Instrument :
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ClientSampleId :
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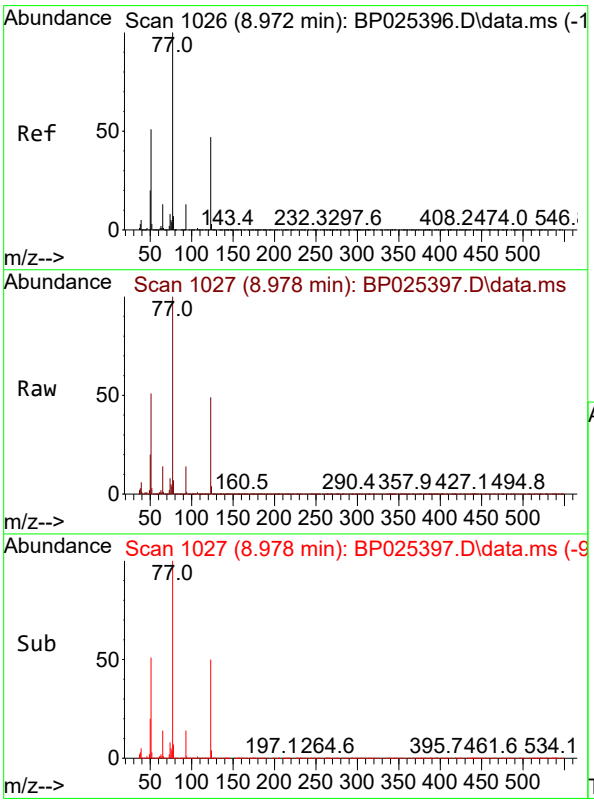
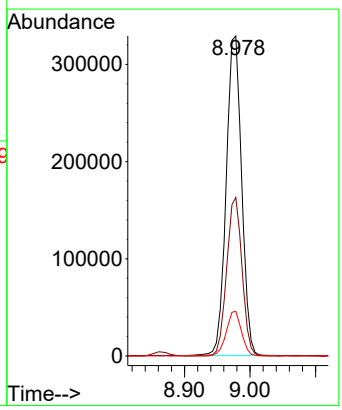
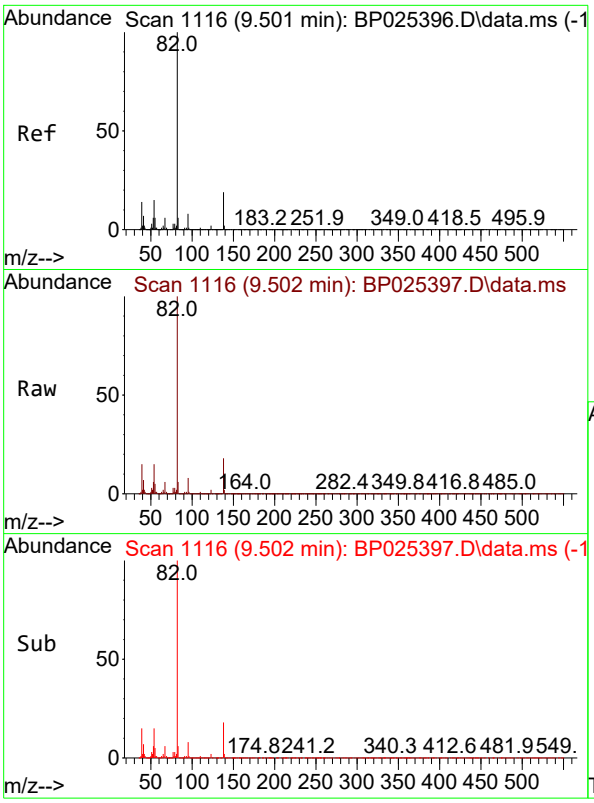


#24
Nitrobenzene
Concen: 53.024 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 77 Resp: 537647

Ion	Ratio	Lower	Upper
77	100		
123	49.5	38.6	58.0
65	13.9	10.6	15.8

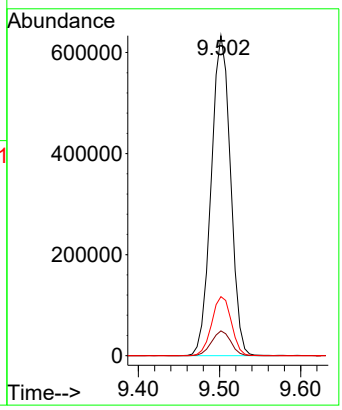




#25
Isophorone
Concen: 52.182 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 82 Resp: 104773

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	18.5	15.4	23.0



Instrument :
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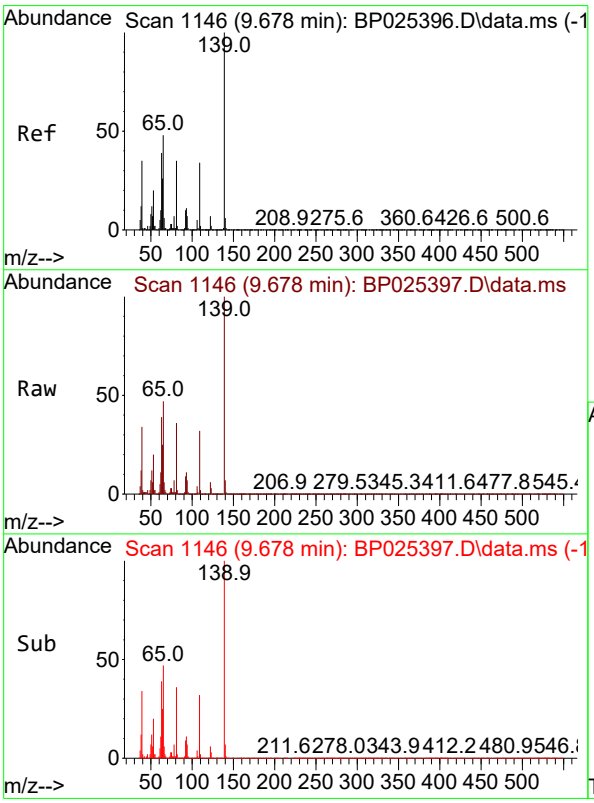
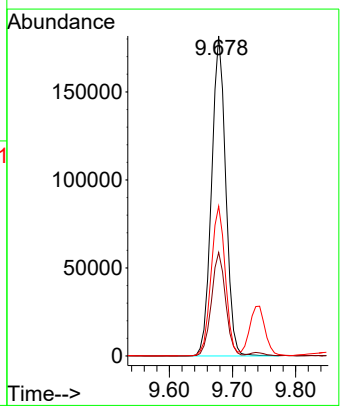
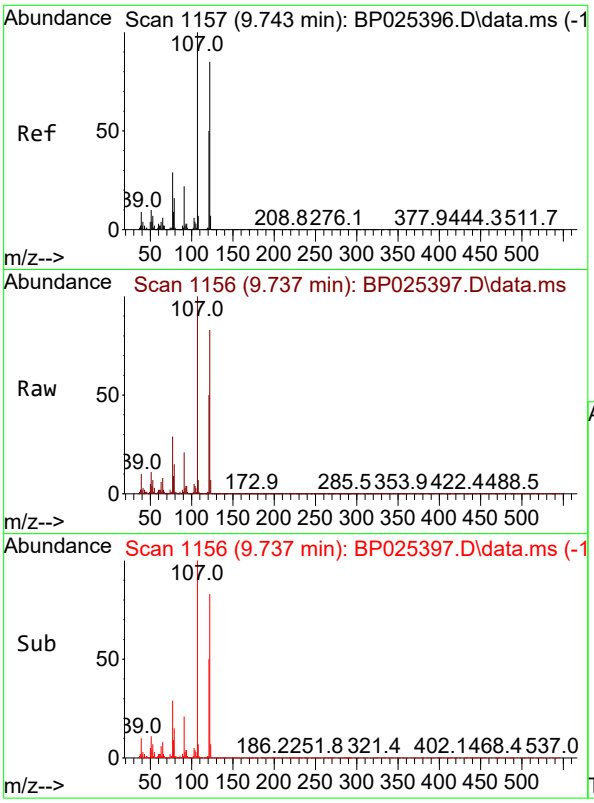


#26
2-Nitrophenol
Concen: 54.323 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:139 Resp: 282682

Ion	Ratio	Lower	Upper
139	100		
109	32.3	26.9	40.3
65	46.8	38.3	57.5

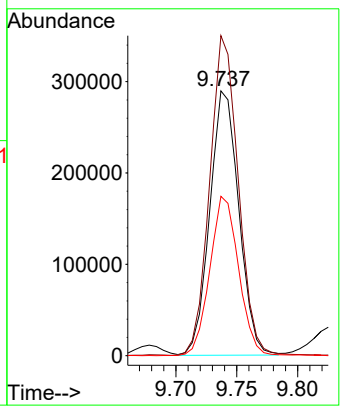




#27
2,4-Dimethylphenol
Concen: 53.806 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:122 Resp: 48150

Ion	Ratio	Lower	Upper
122	100		
107	120.8	93.7	140.5
121	60.2	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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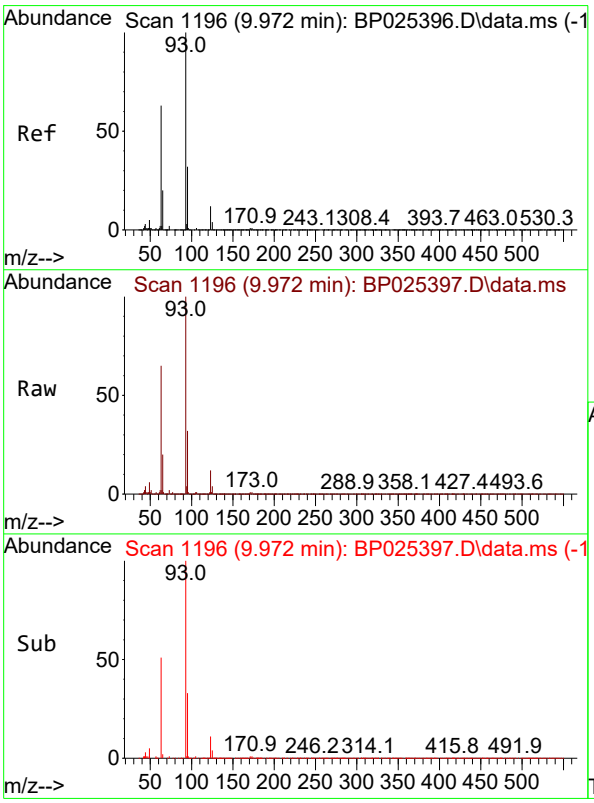
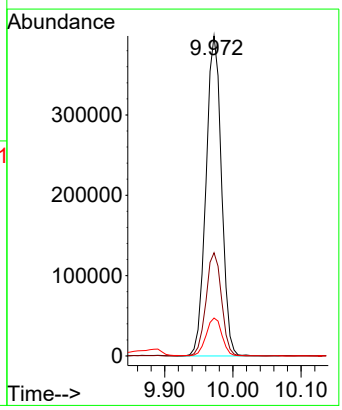
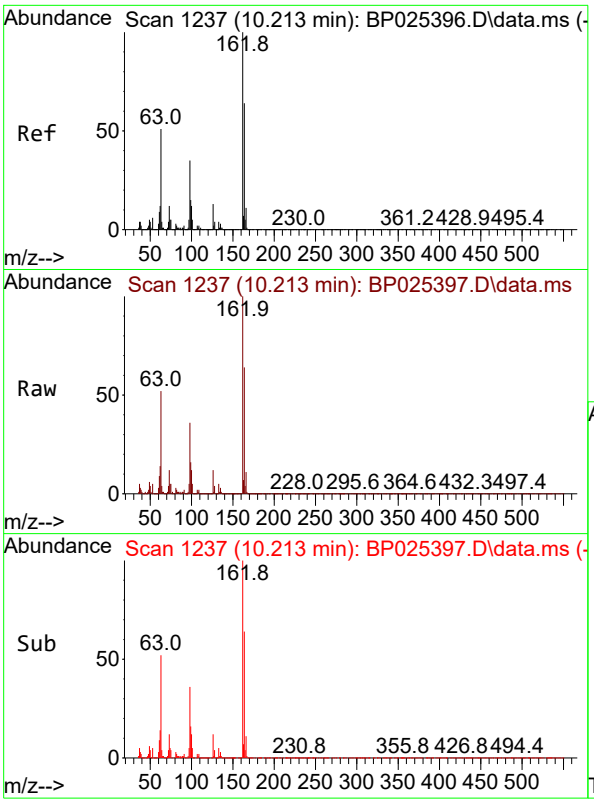


#28
bis(2-Chloroethoxy)methane
Concen: 51.909 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 630027

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.4	38.0
123	11.8	9.4	14.0

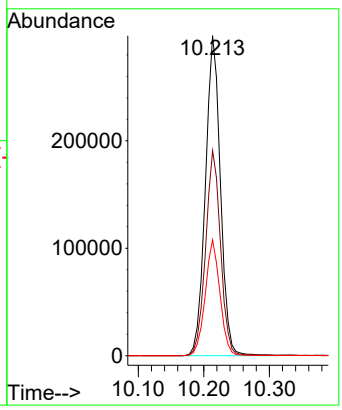




#29
2,4-Dichlorophenol
Concen: 53.478 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:162 Resp: 47540

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.4	84.4
98	36.2	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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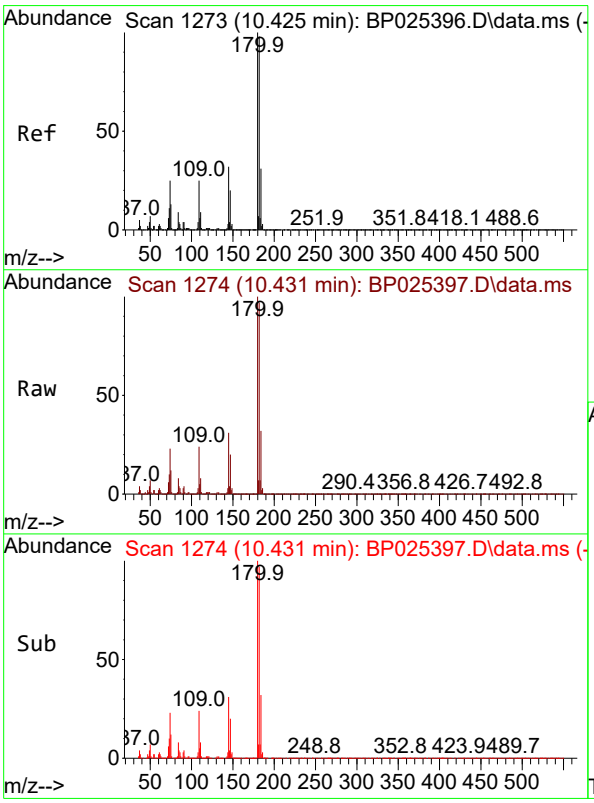
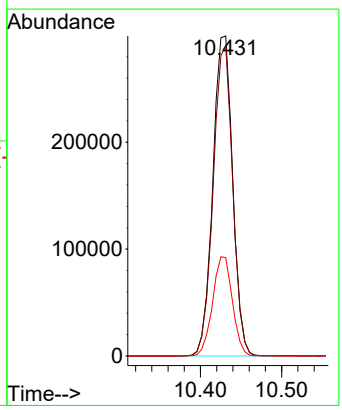
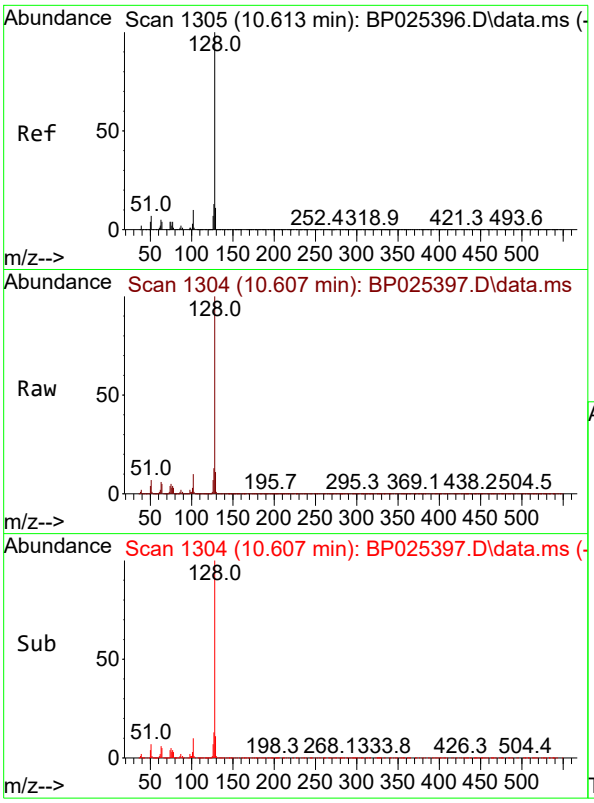


#30
1,2,4-Trichlorobenzene
Concen: 52.101 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:180 Resp: 507724

Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.0	117.0
145	30.8	25.9	38.9

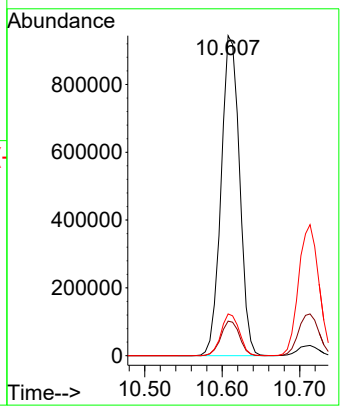




#31
Naphthalene
Concen: 52.305 ng
RT: 10.607 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:128 Resp: 156024

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.1	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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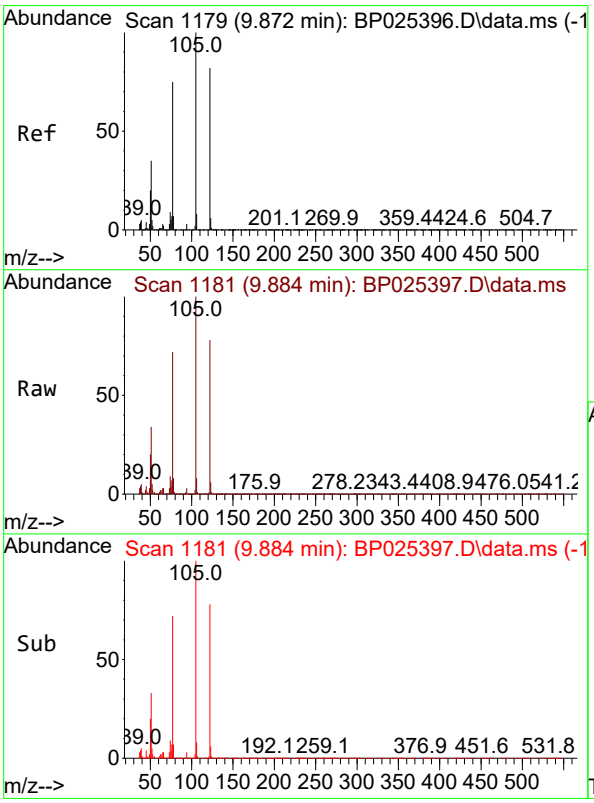
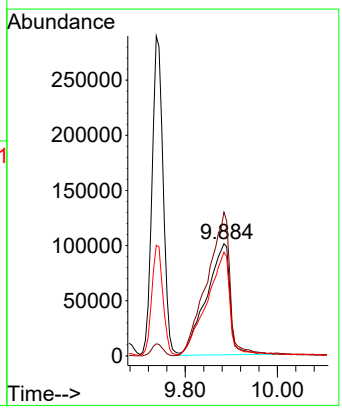
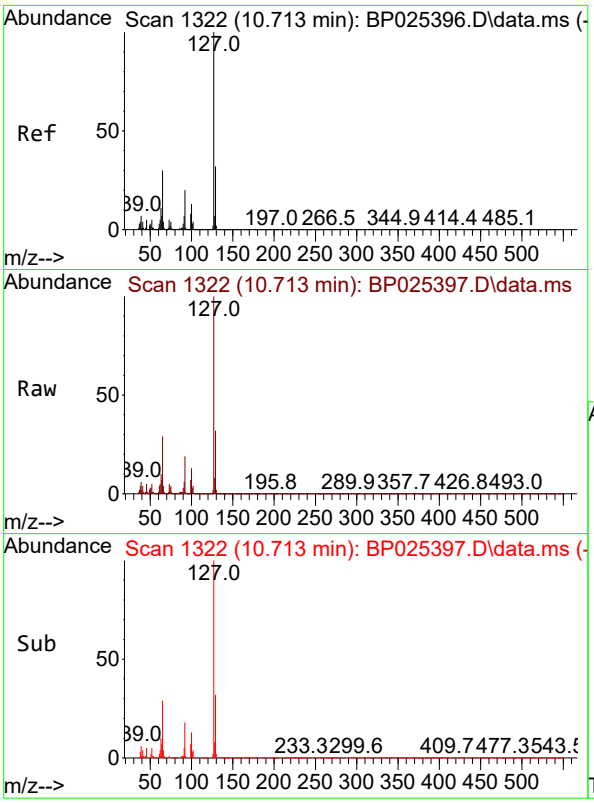


#32
Benzoic acid
Concen: 54.274 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:122 Resp: 357706

Ion	Ratio	Lower	Upper
122	100		
105	128.1	100.6	140.6
77	92.6	71.5	111.5





#33
4-Chloroaniline
Concen: 53.548 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 70556

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	28.7	23.8	35.6
92	18.8	15.8	23.8

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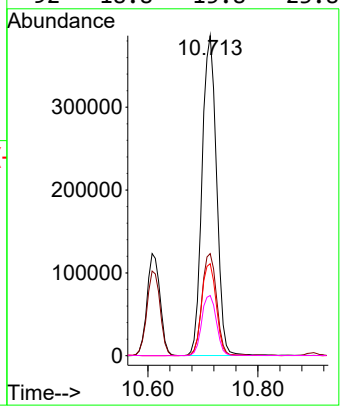
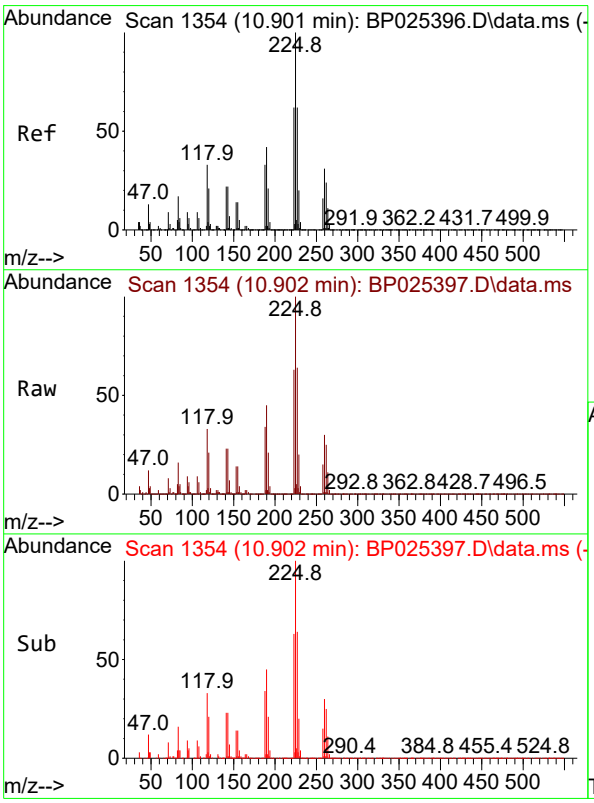
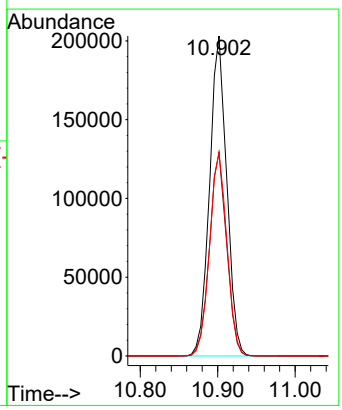


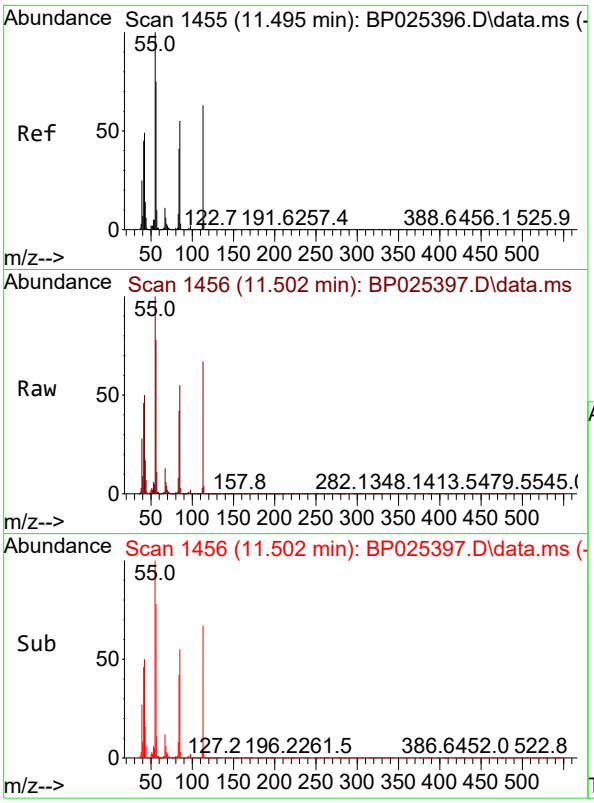


#34
Hexachlorobutadiene
Concen: 51.436 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:225 Resp: 312163

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	63.7	49.7	74.5





#35
Caprolactam
Concen: 52.969 ng
RT: 11.502 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 17266

Ion	Ratio	Lower	Upper
113	100		
55	149.6	140.0	180.0
56	116.0	100.0	140.0

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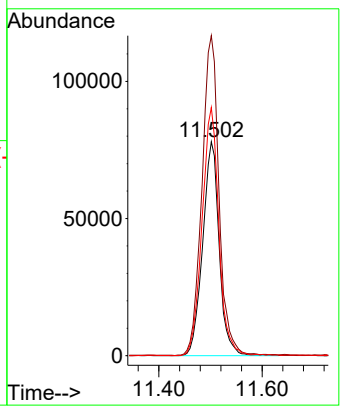
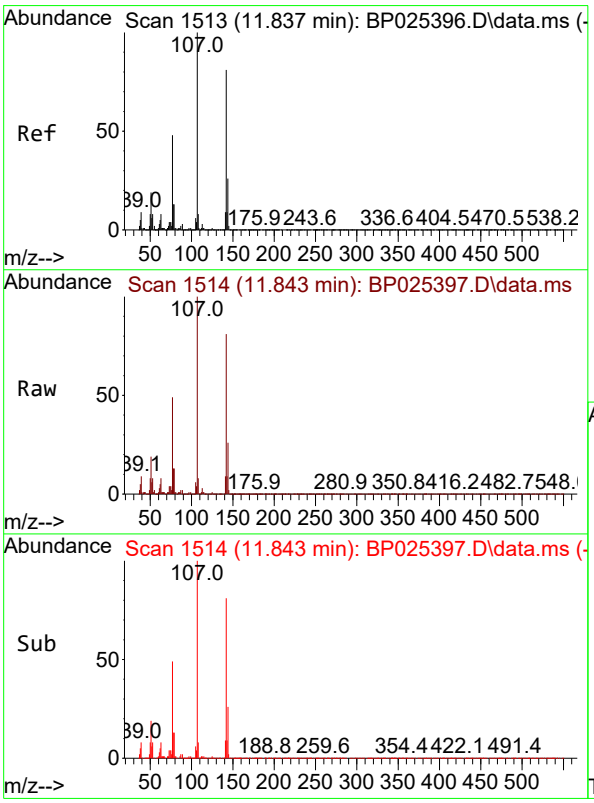
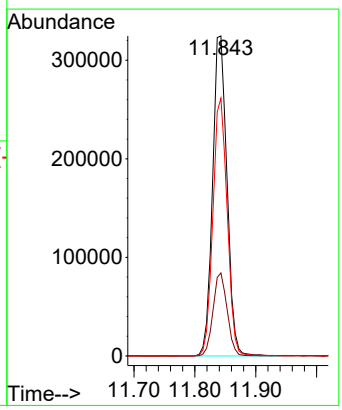


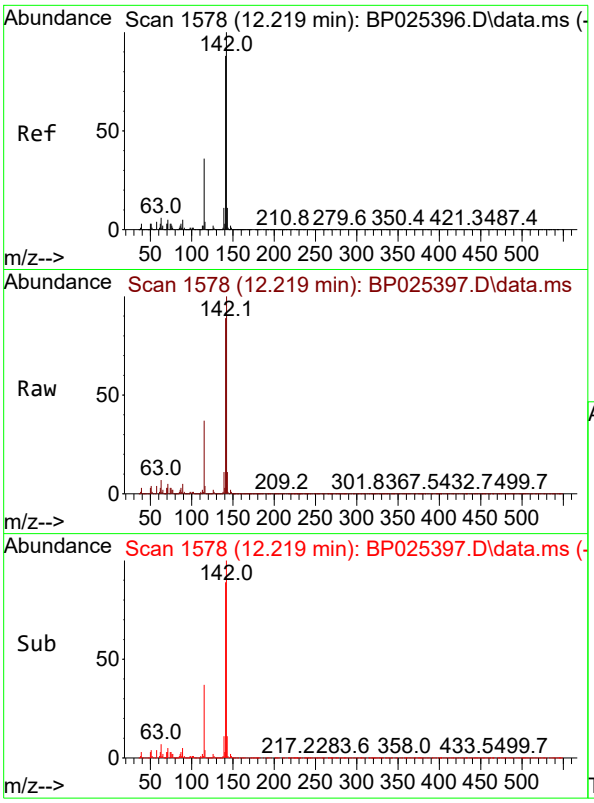


#36
4-Chloro-3-methylphenol
Concen: 52.407 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 534583

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.4
142	80.6	64.6	97.0

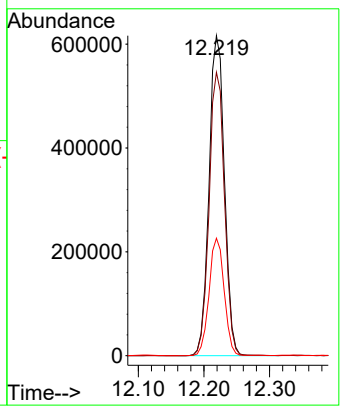




#37
2-Methylnaphthalene
Concen: 51.710 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:142 Resp: 100381

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	36.7	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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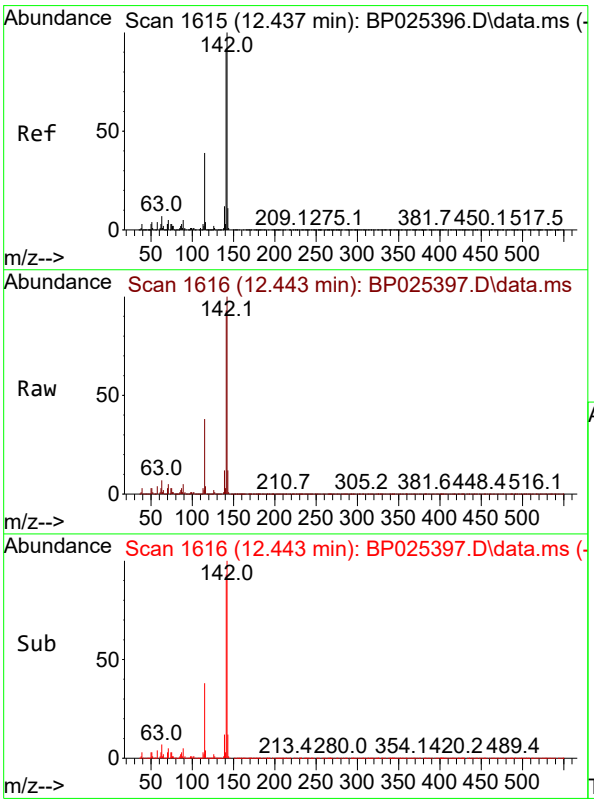
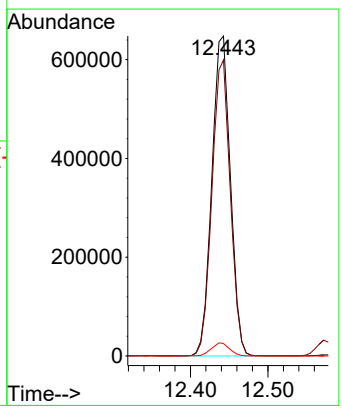
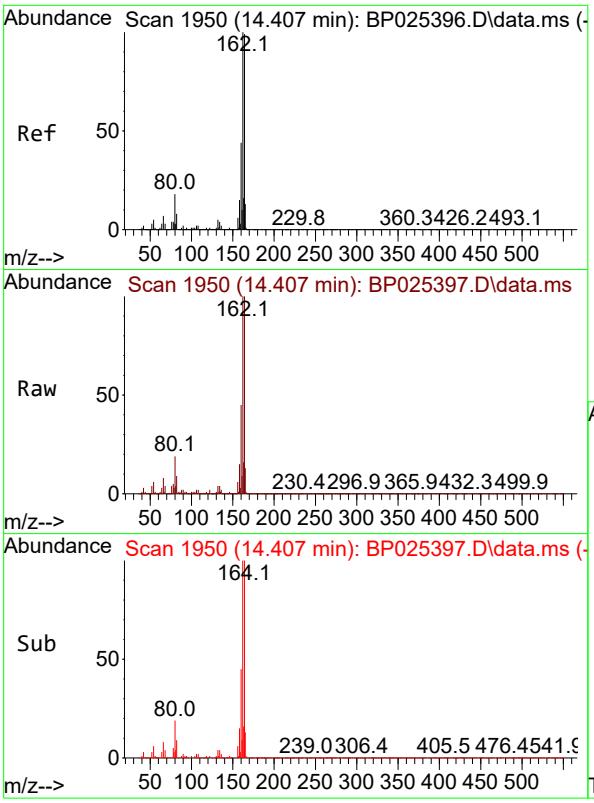


#38
1-Methylnaphthalene
Concen: 52.167 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:142 Resp: 1076949

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.1	109.7
116	3.9	3.2	4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 37673

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.0	121.6
160	45.2	35.4	53.2

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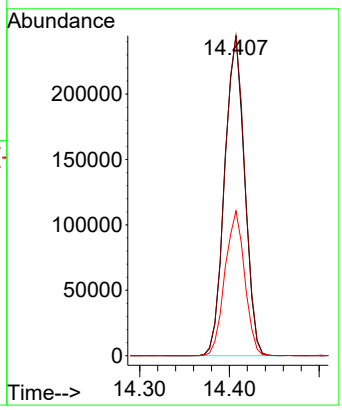
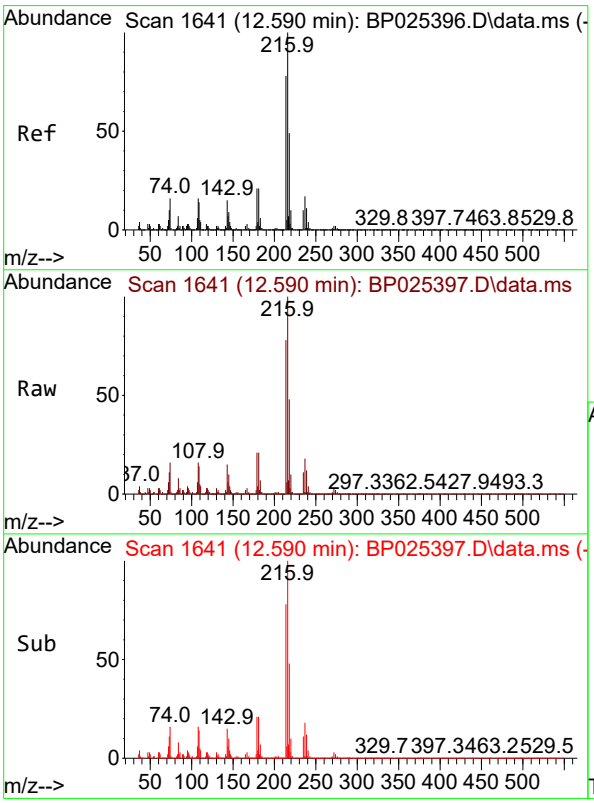
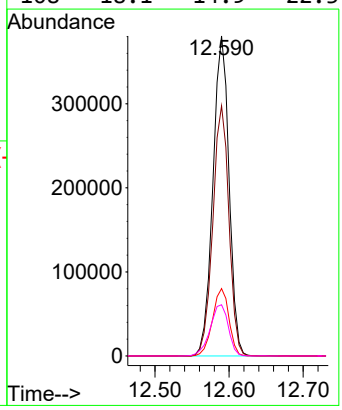


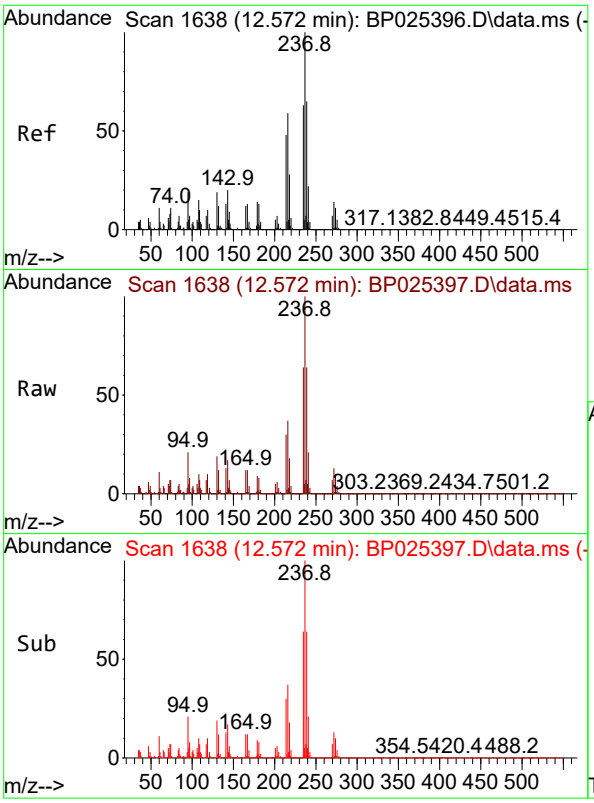


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.769 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:216 Resp: 574152

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	21.5	17.1	25.7
108	18.1	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 55.392 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 36404

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.7	82.7
272	12.7	0.0	34.0

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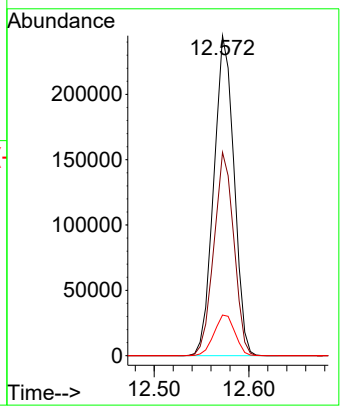
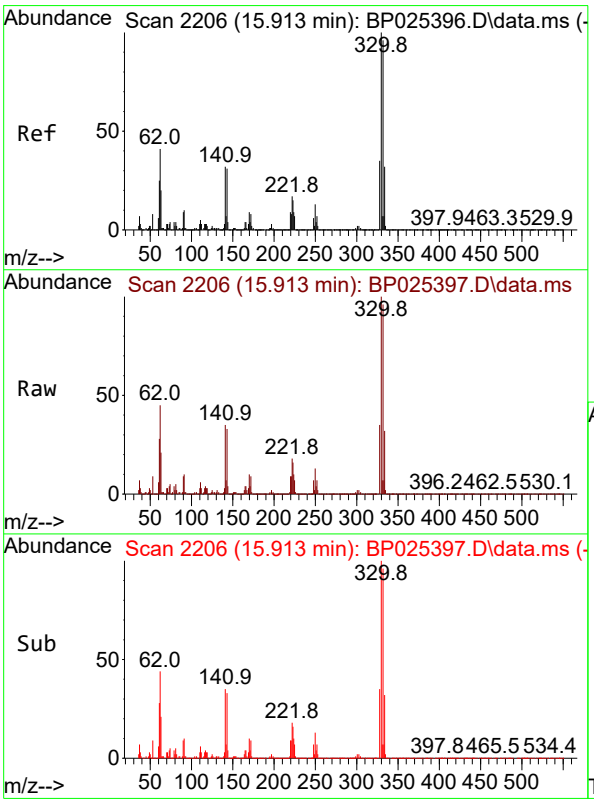
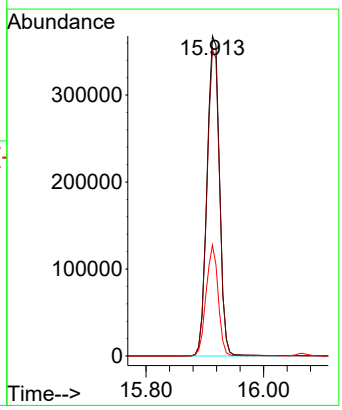


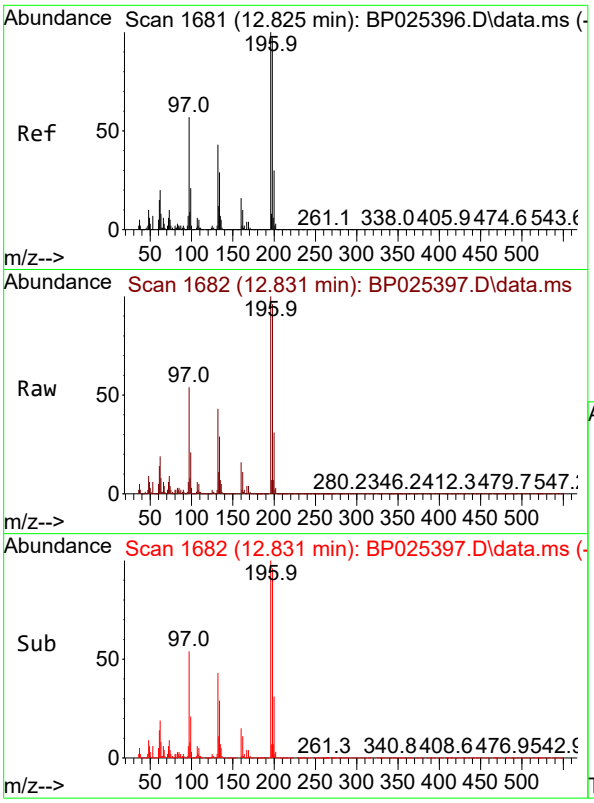


#42
2,4,6-Tribromophenol
Concen: 106.352 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:330 Resp: 539295

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.5	26.6	39.8

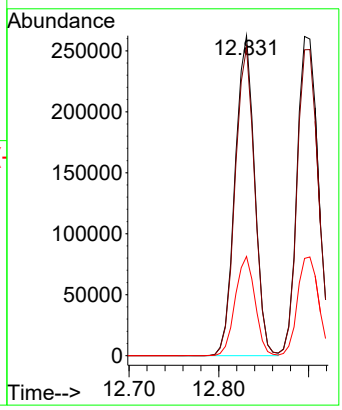




#43
2,4,6-Trichlorophenol
Concen: 53.971 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:196 Resp: 39644

Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.2	115.8
200	31.0	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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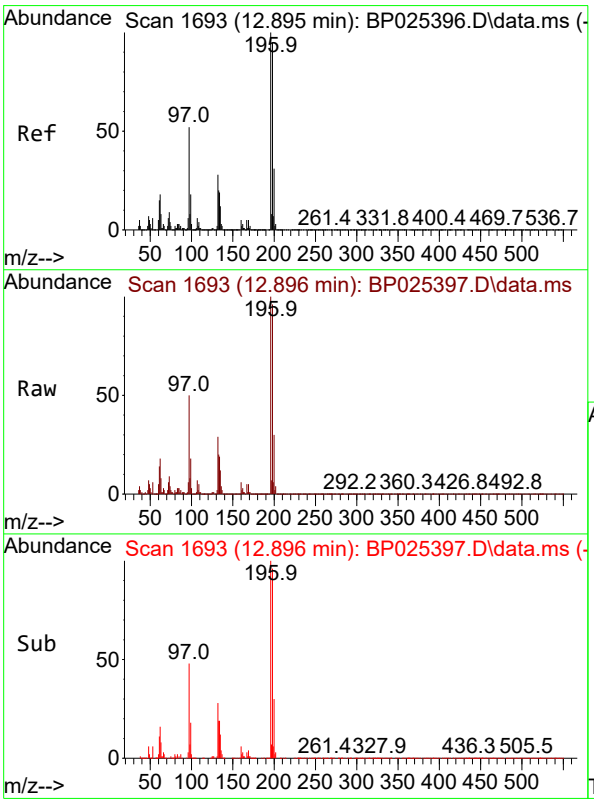
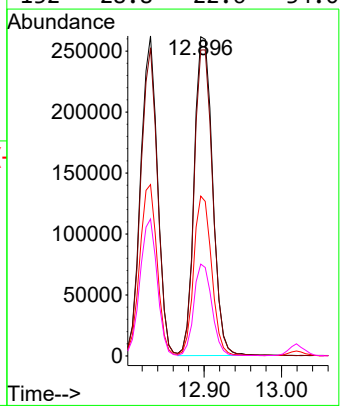
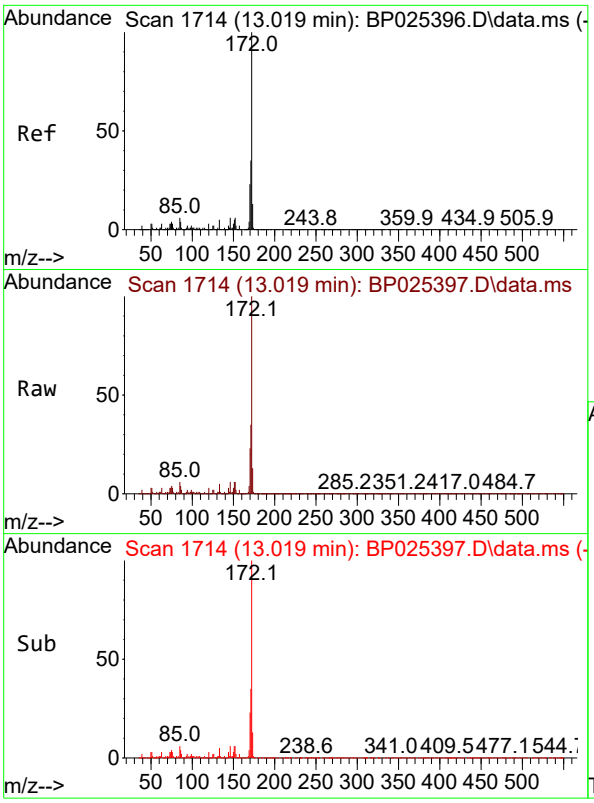


#44
2,4,5-Trichlorophenol
Concen: 53.421 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:196 Resp: 430061

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
97	50.1	41.2	61.8
132	28.8	22.6	34.0

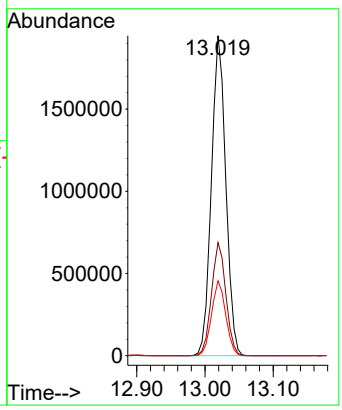




#45
2-Fluorobiphenyl
Concen: 103.632 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:172 Resp: 285663

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.4	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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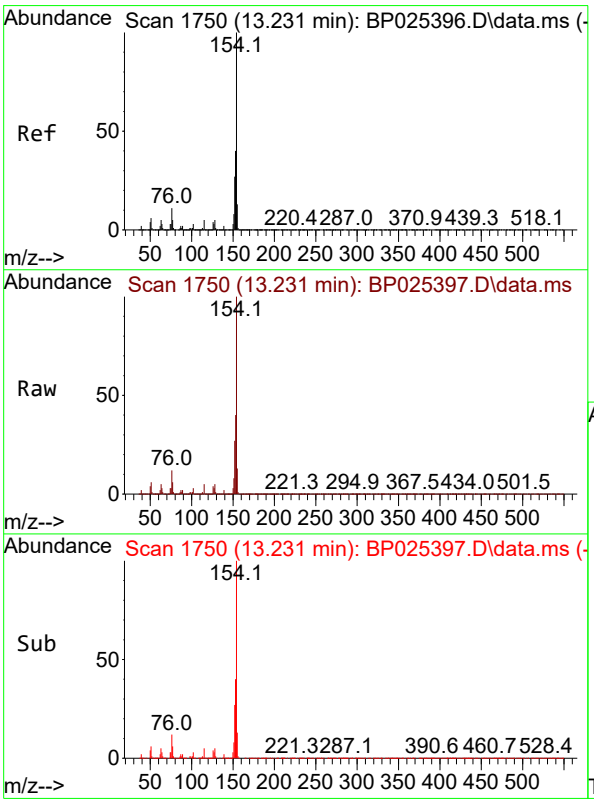
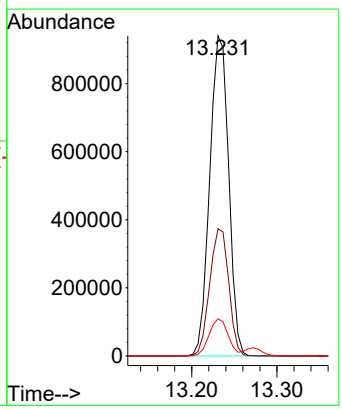
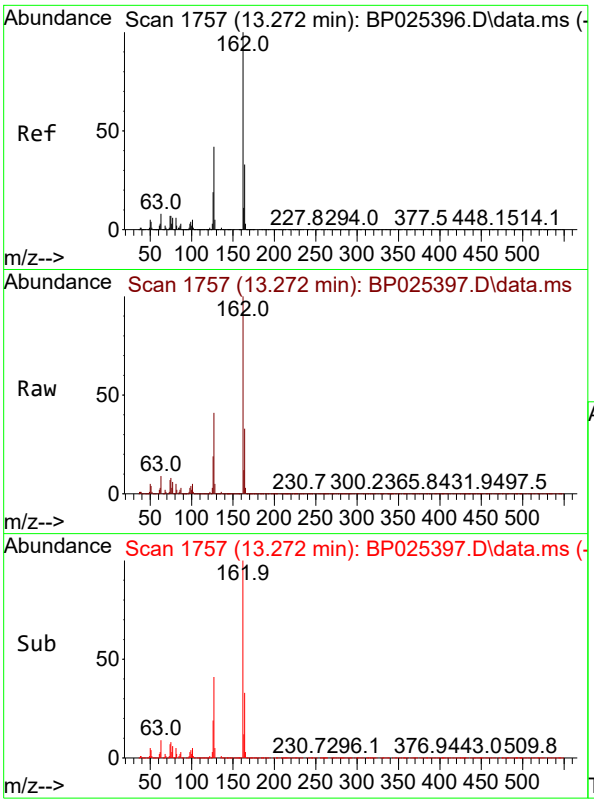


#46
1,1'-Biphenyl
Concen: 52.922 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:154 Resp: 1447968

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.5	59.5
76	11.6	0.0	31.1

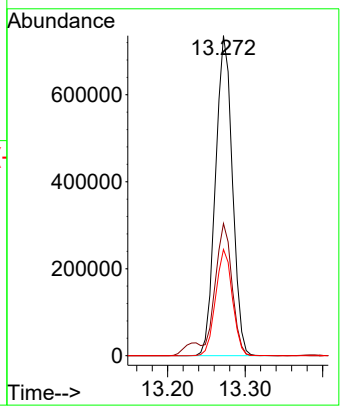




#47
2-Chloronaphthalene
Concen: 52.344 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:162 Resp: 111492

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	33.2	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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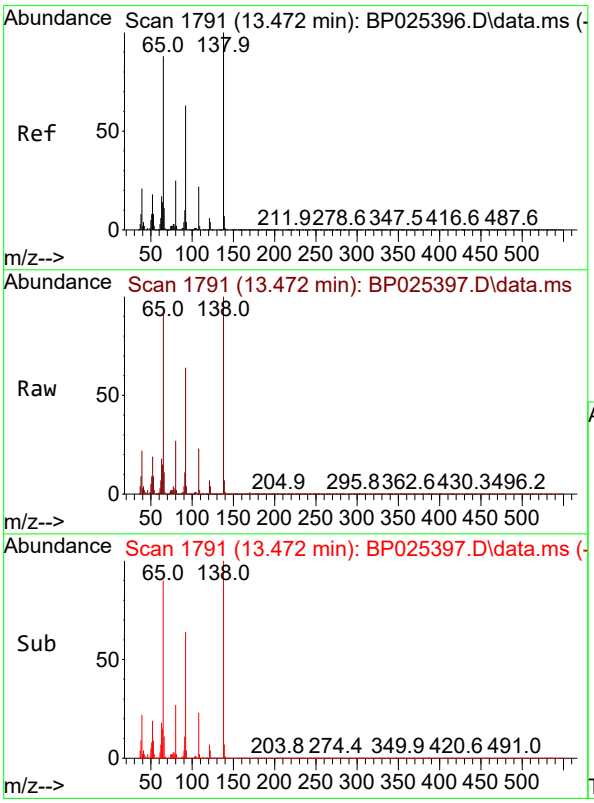
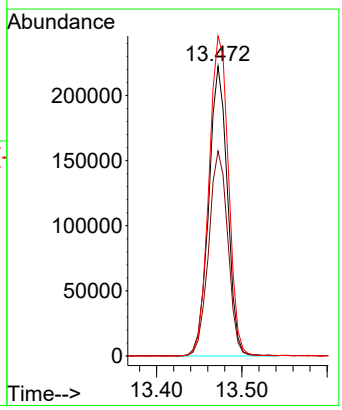
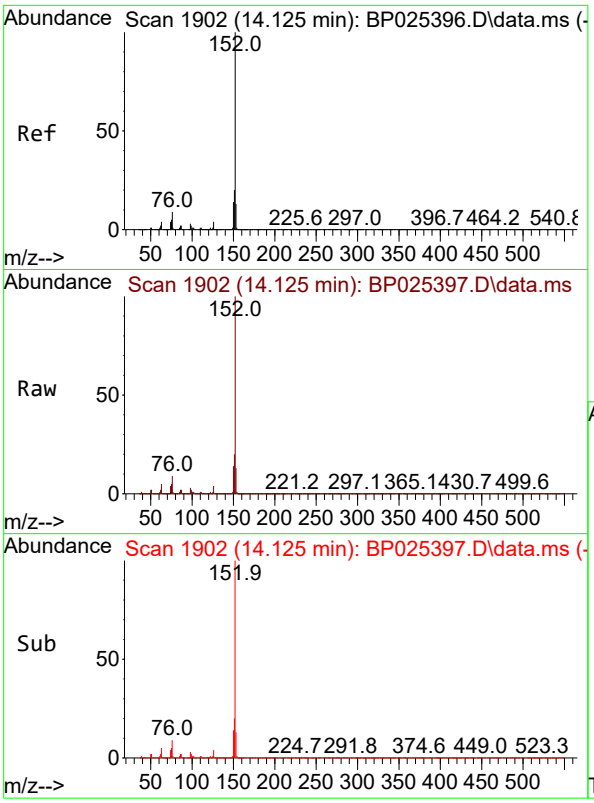


#48
2-Nitroaniline
Concen: 54.613 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 65 Resp: 338939

Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.6	86.4
138	110.5	91.0	136.6

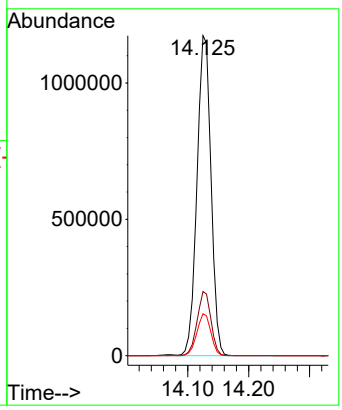




#49
Acenaphthylene
Concen: 53.227 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:152 Resp: 187599

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.1	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
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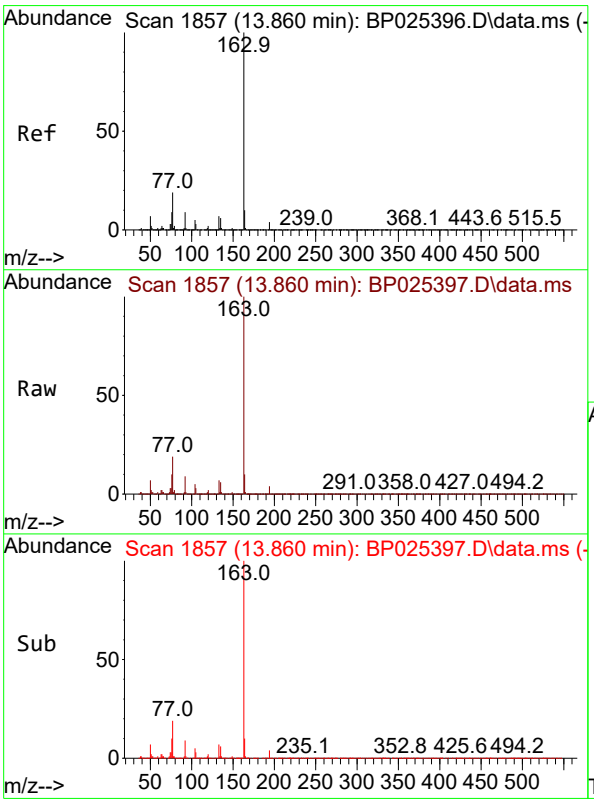
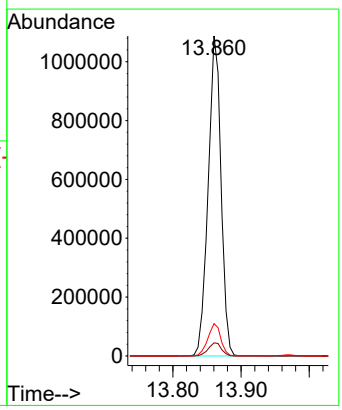
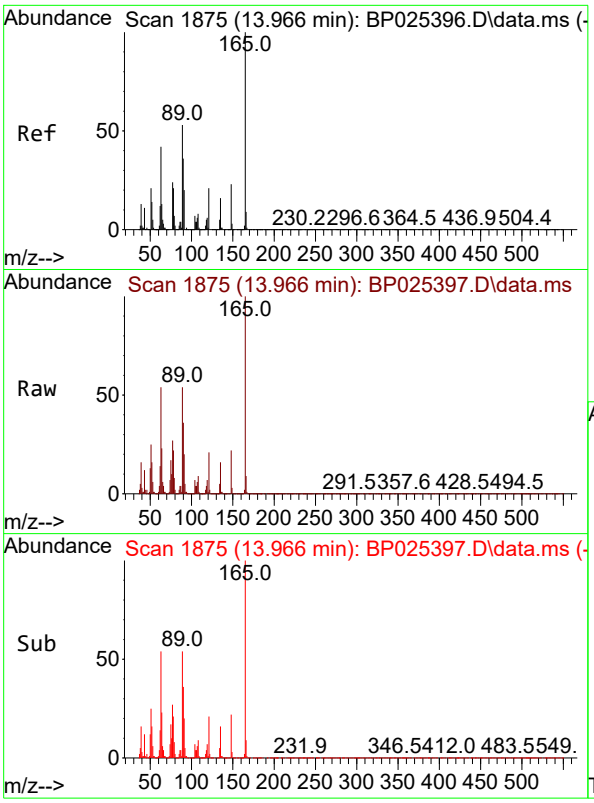


#50
Dimethylphthalate
Concen: 51.622 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:163 Resp: 1424127

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9

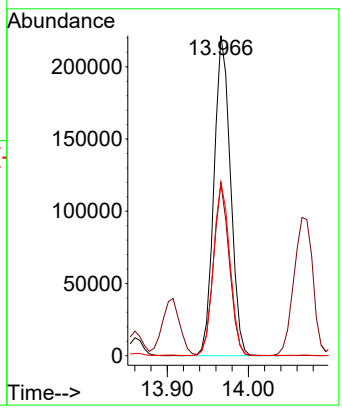




#51
2,6-Dinitrotoluene
Concen: 53.683 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:165 Resp: 31214

Ion	Ratio	Lower	Upper
165	100		
63	53.8	40.9	61.3
89	54.2	42.1	63.1



Instrument :
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ClientSampleId :
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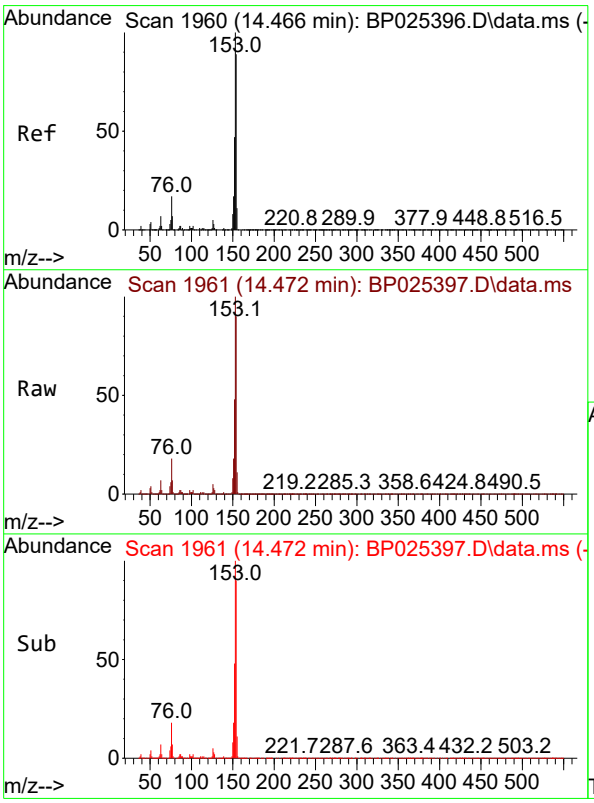
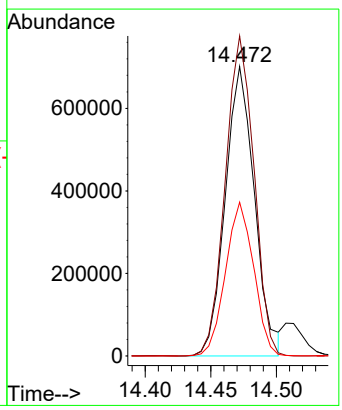
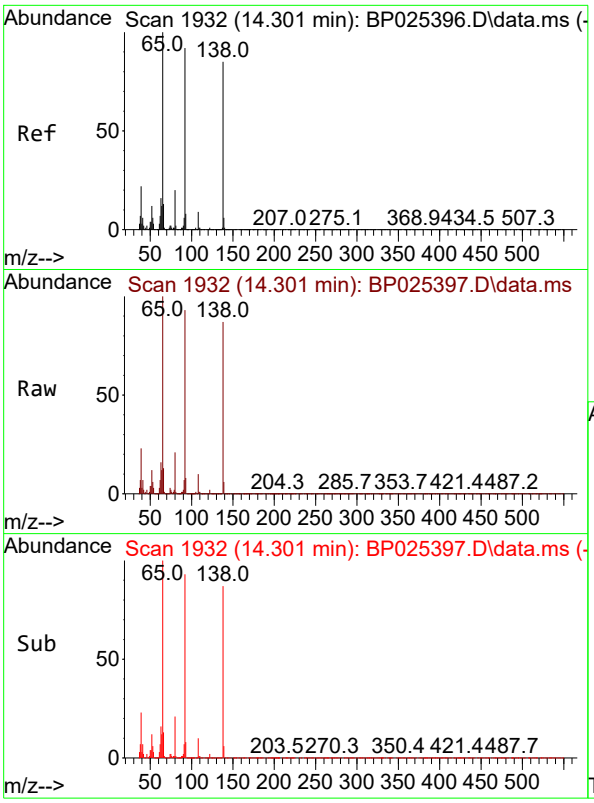


#52
Acenaphthene
Concen: 52.577 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:154 Resp: 1087721

Ion	Ratio	Lower	Upper
154	100		
153	110.6	90.2	135.2
152	53.1	42.1	63.1





#53
3-Nitroaniline
Concen: 55.339 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:138 Resp: 36203

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.3	12.5
92	106.6	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
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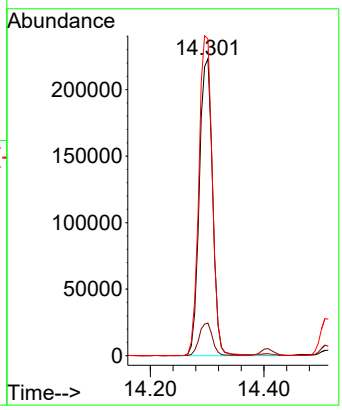
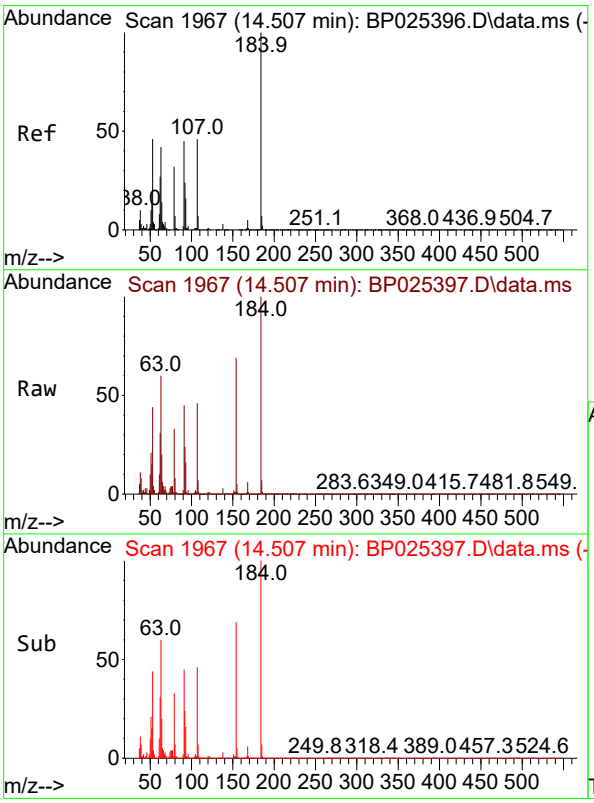
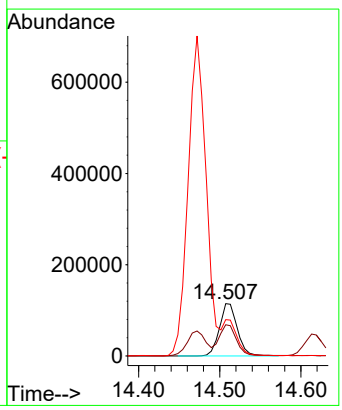


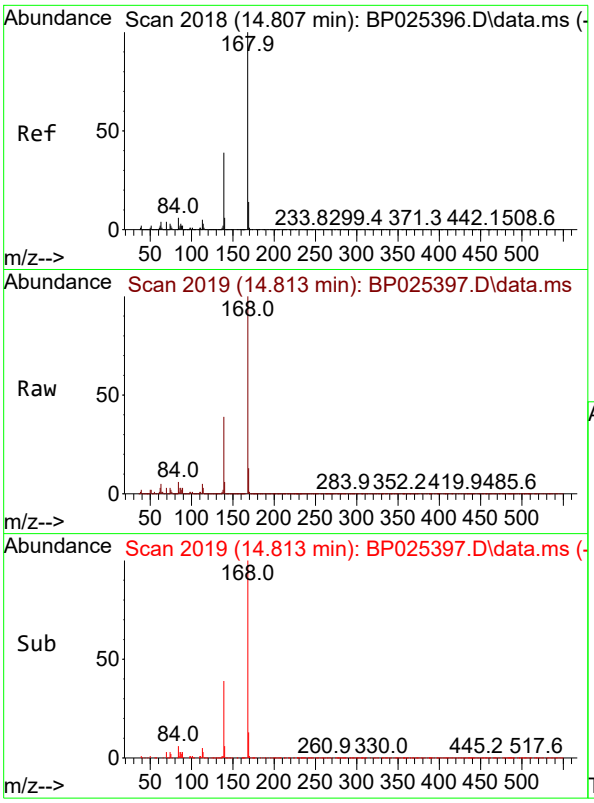


#54
2,4-Dinitrophenol
Concen: 56.503 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:184 Resp: 175453

Ion	Ratio	Lower	Upper
184	100		
63	59.7	49.4	74.2
154	69.4	54.6	82.0

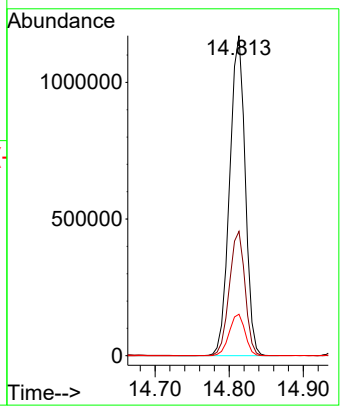




#55
Dibenzofuran
Concen: 52.147 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:168 Resp: 170563

Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.5	47.3
169	13.0	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
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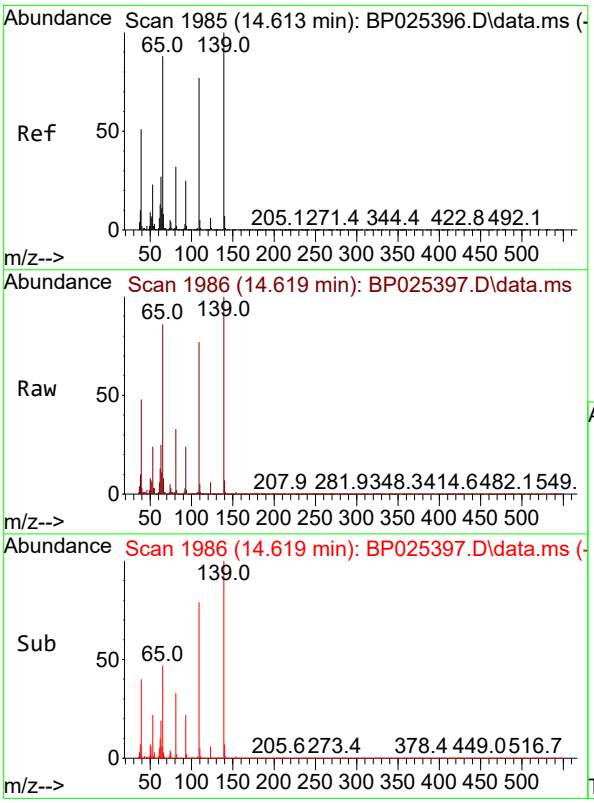
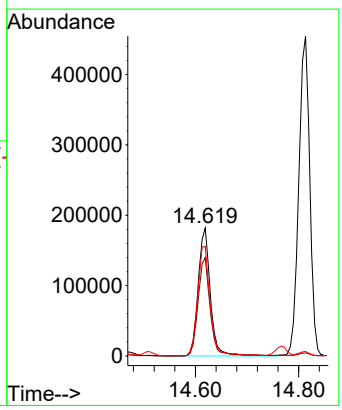
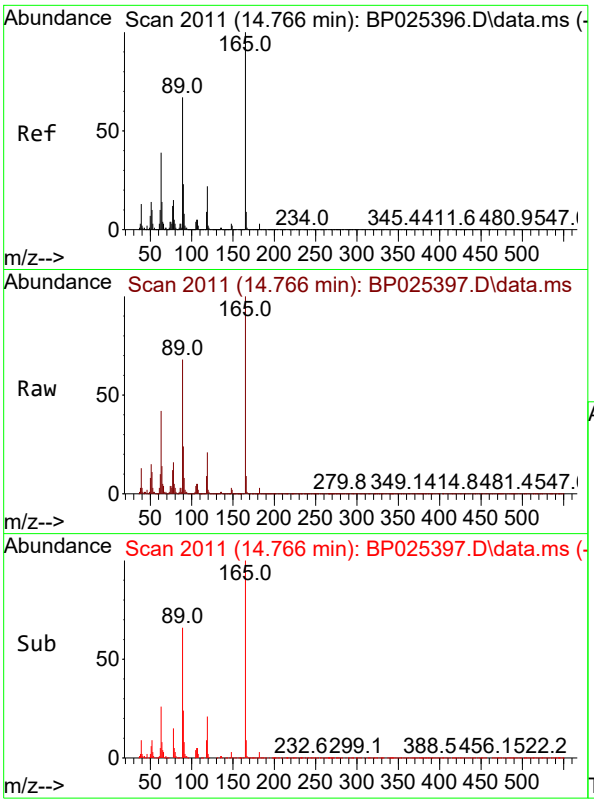


#56
4-Nitrophenol
Concen: 55.103 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:139 Resp: 296227

Ion	Ratio	Lower	Upper
139	100		
109	76.8	56.6	96.6
65	85.5	68.2	108.2

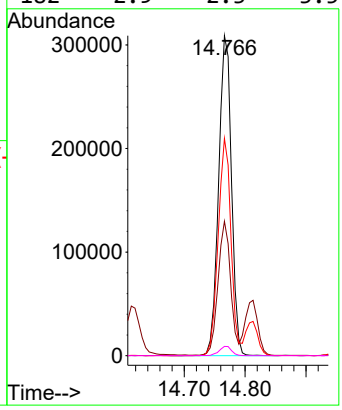




#57
2,4-Dinitrotoluene
Concen: 54.354 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:165 Resp: 45092

Ion	Ratio	Lower	Upper
165	100		
63	42.0	31.4	47.2
89	67.9	53.3	79.9
182	2.9	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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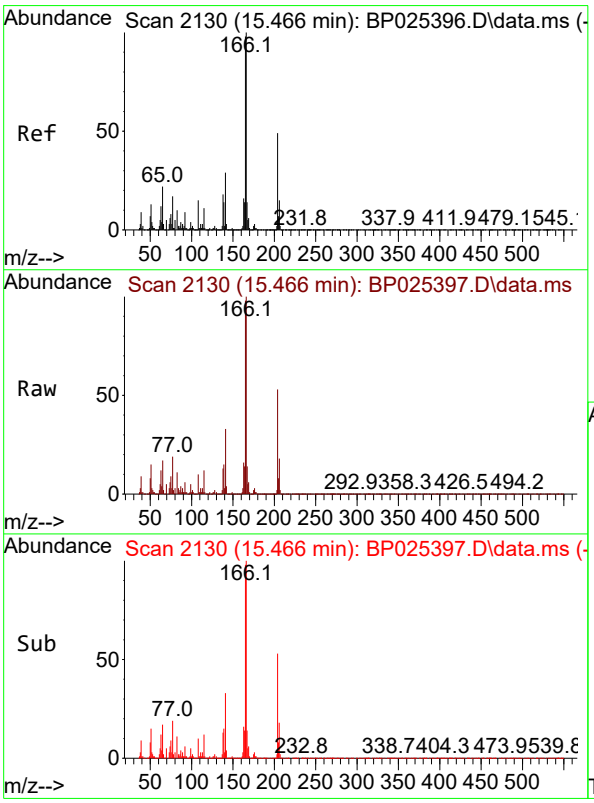
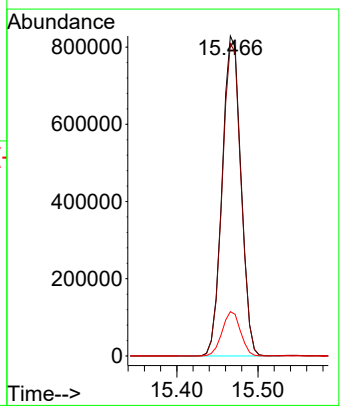
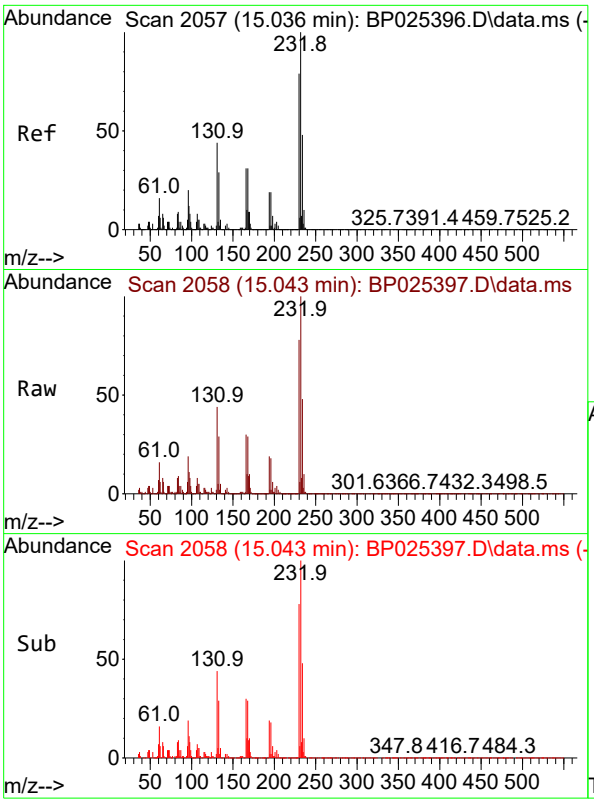


#58
Fluorene
Concen: 51.627 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:166 Resp: 1332448

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.8	118.2
167	13.9	11.0	16.4

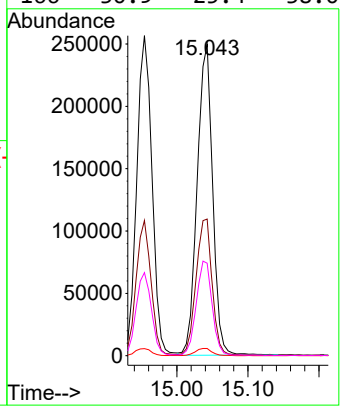




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.281 ng
RT: 15.043 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:232 Resp: 37874

Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.0	55.6
130	2.5	1.9	2.9
166	30.9	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
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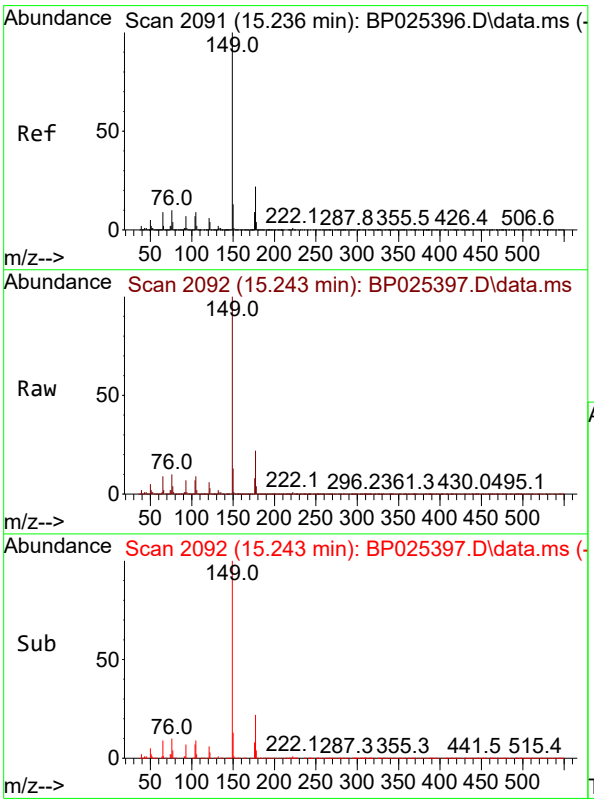
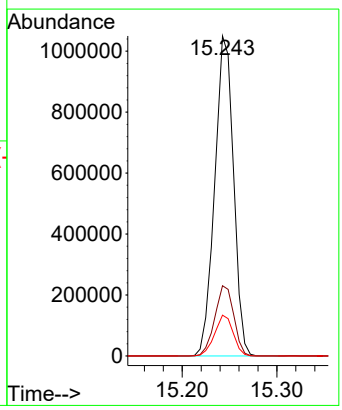
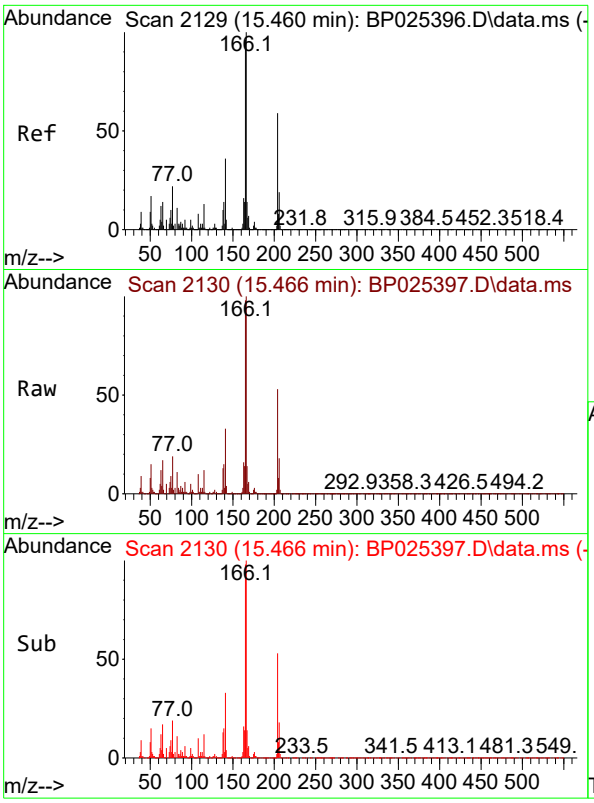


#60
Diethylphthalate
Concen: 51.728 ng
RT: 15.243 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 1450033

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.3	25.9
150	12.8	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 50.647 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:204 Resp: 65010

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.8
141	61.8	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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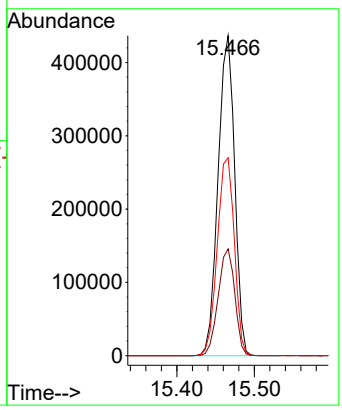
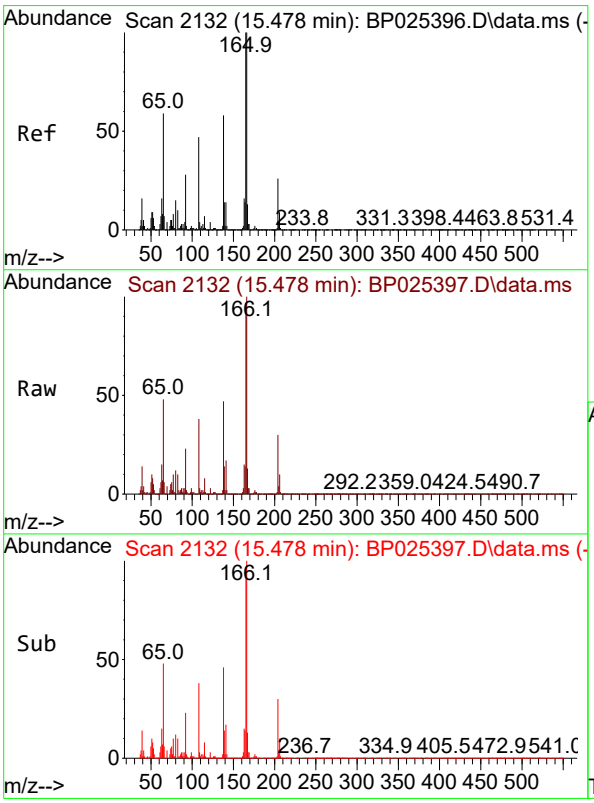
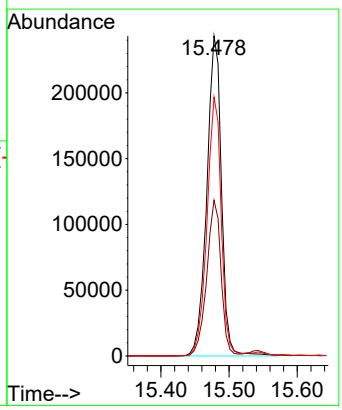


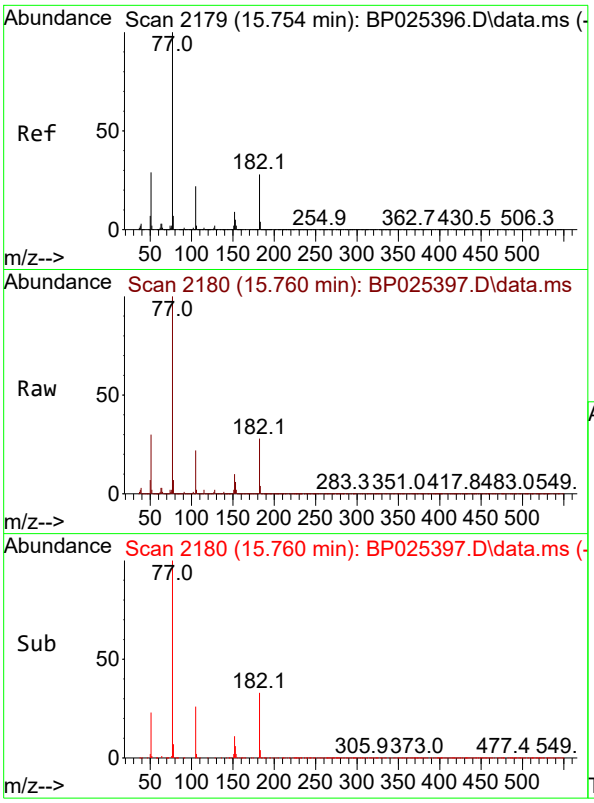


#62
4-Nitroaniline
Concen: 54.278 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:138 Resp: 364030

Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.1	69.1
108	80.9	61.5	101.5

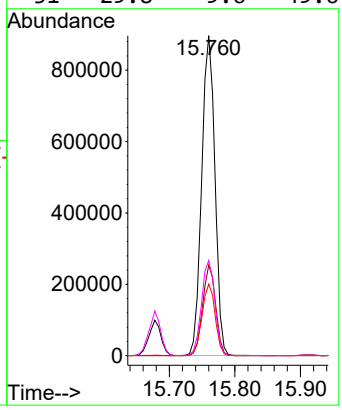




#63
Azobenzene
Concen: 52.602 ng
RT: 15.760 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 77 Resp: 126257

Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.5	47.5
105	22.4	2.1	42.1
51	29.8	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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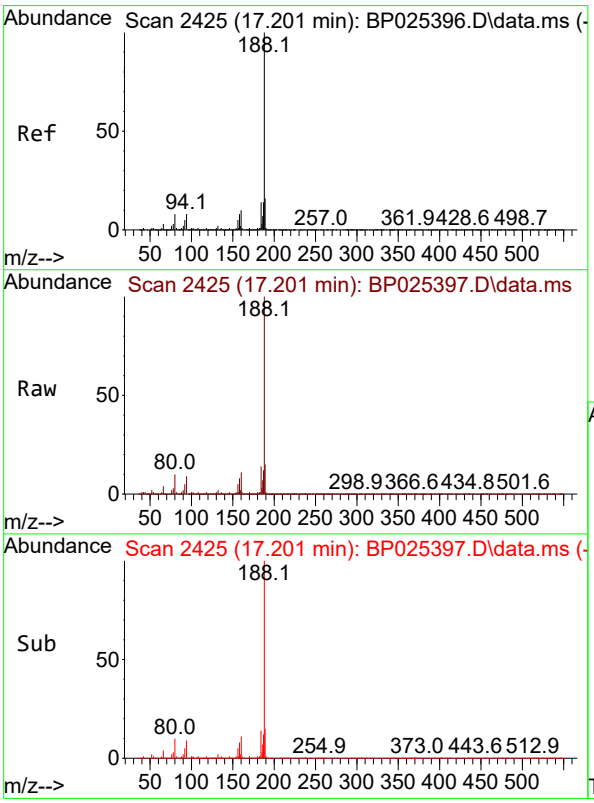
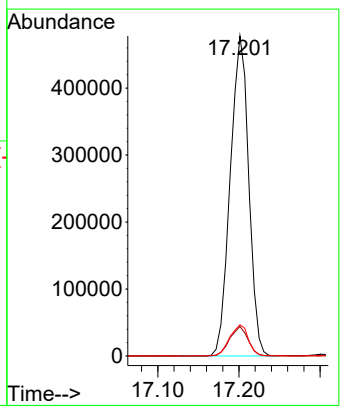
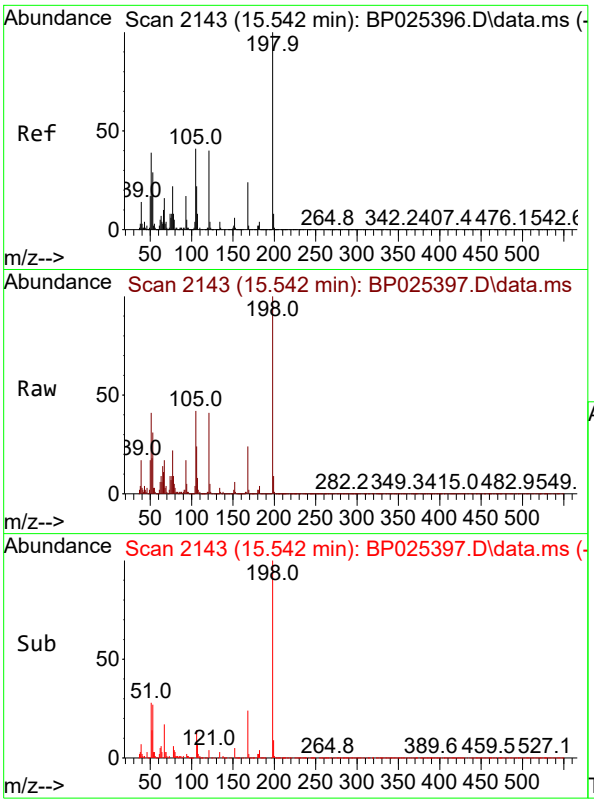


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:188 Resp: 753705

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	9.8	6.7	10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 55.792 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:198 Resp: 26212

Ion	Ratio	Lower	Upper
198	100		
51	41.2	19.6	59.6
105	42.0	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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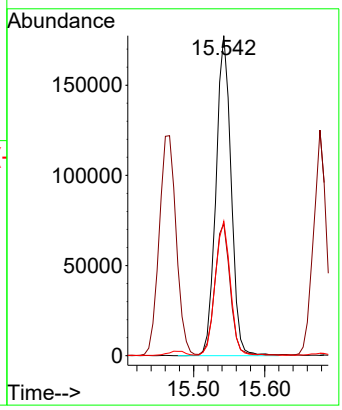
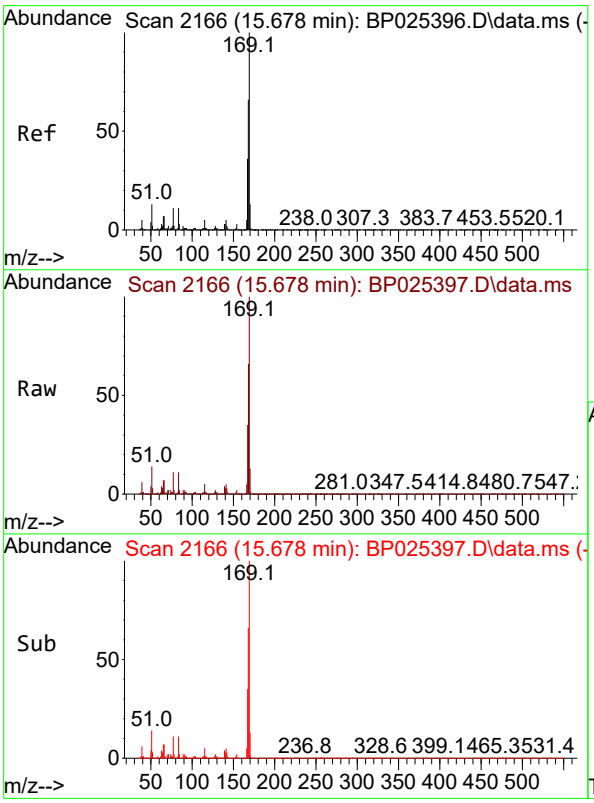
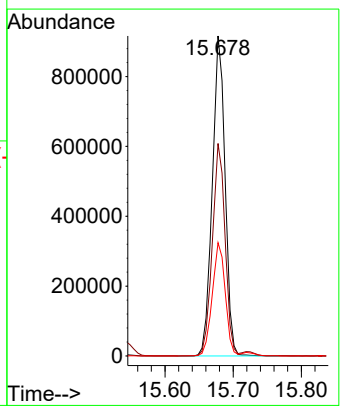


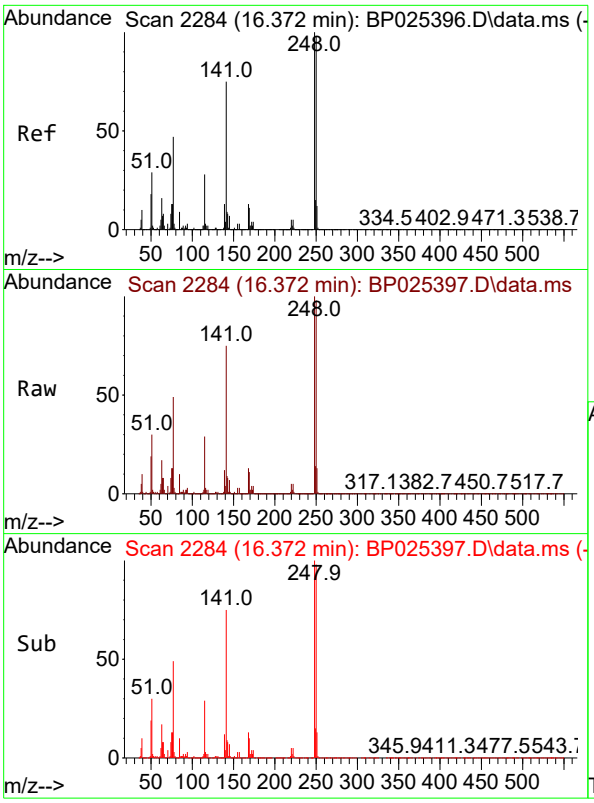


#66
n-Nitrosodiphenylamine
Concen: 51.997 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:169 Resp: 1195077

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.2	79.8
167	35.4	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 52.325 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:248 Resp: 43374

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.2
141	75.0	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
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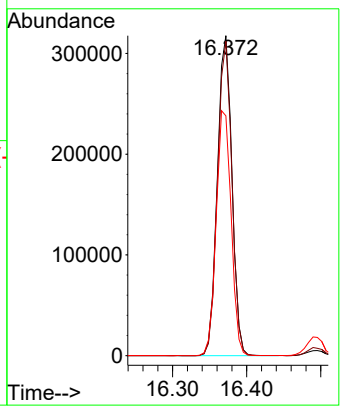
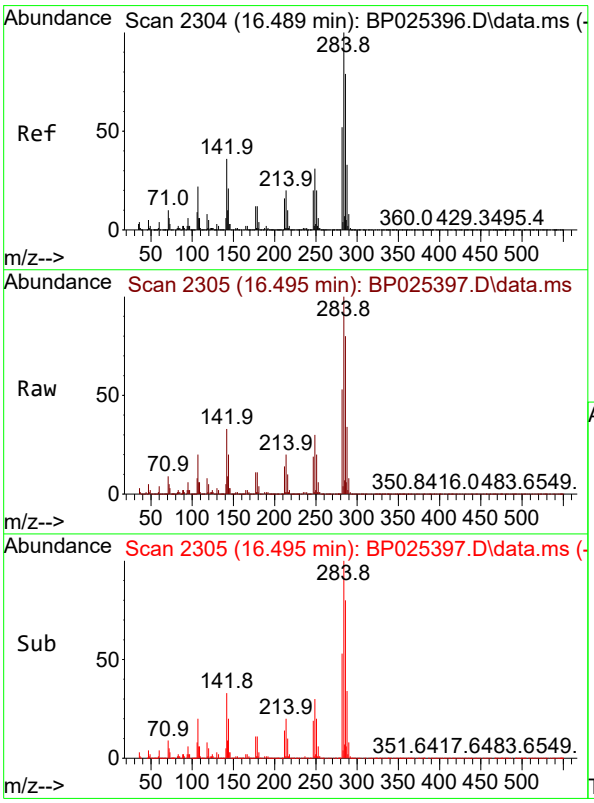
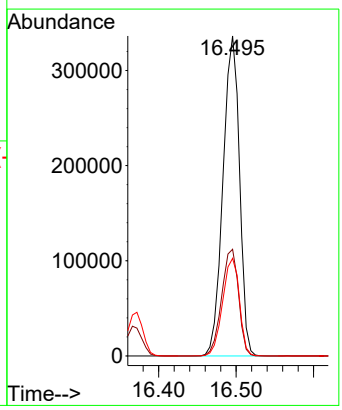


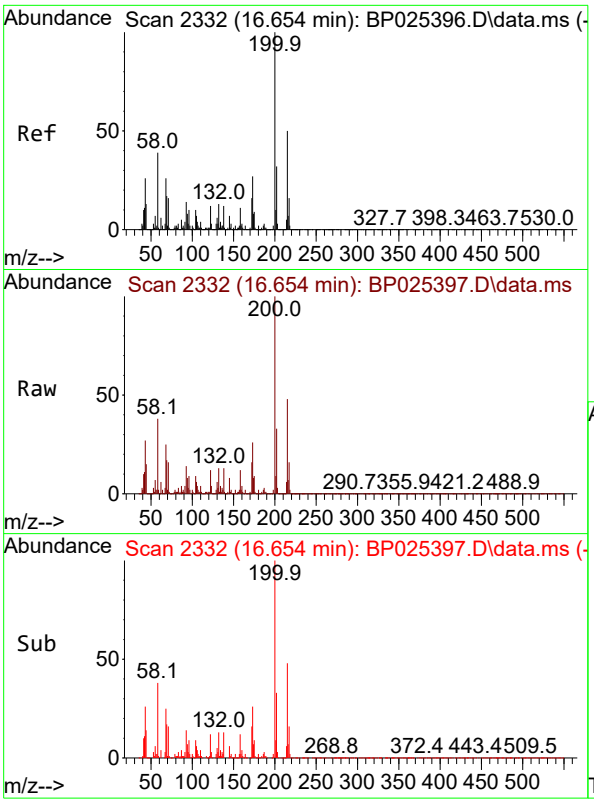


#68
Hexachlorobenzene
Concen: 51.816 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:284 Resp: 497906

Ion	Ratio	Lower	Upper
284	100		
142	33.3	29.1	43.7
249	30.5	25.0	37.4

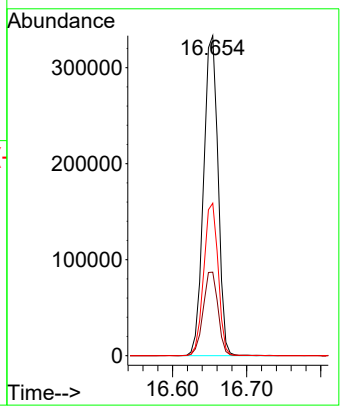




#69
Atrazine
Concen: 52.479 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:200 Resp: 45170

Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.7	46.7
215	47.7	29.7	69.7



Instrument :
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ClientSampleId :
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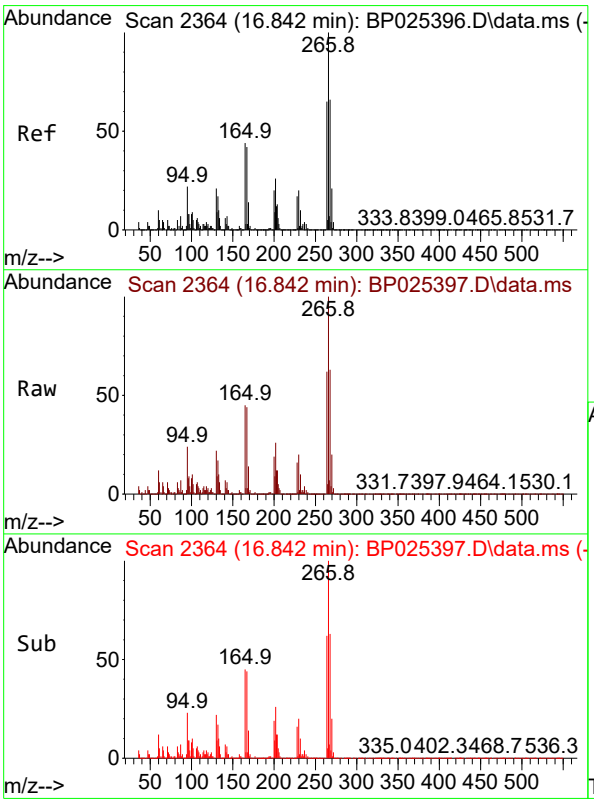
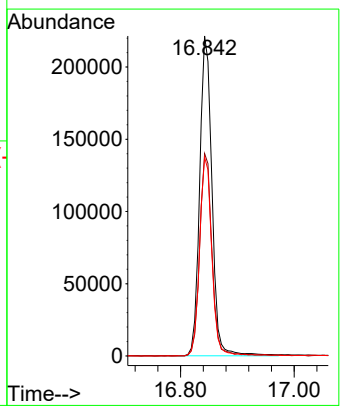
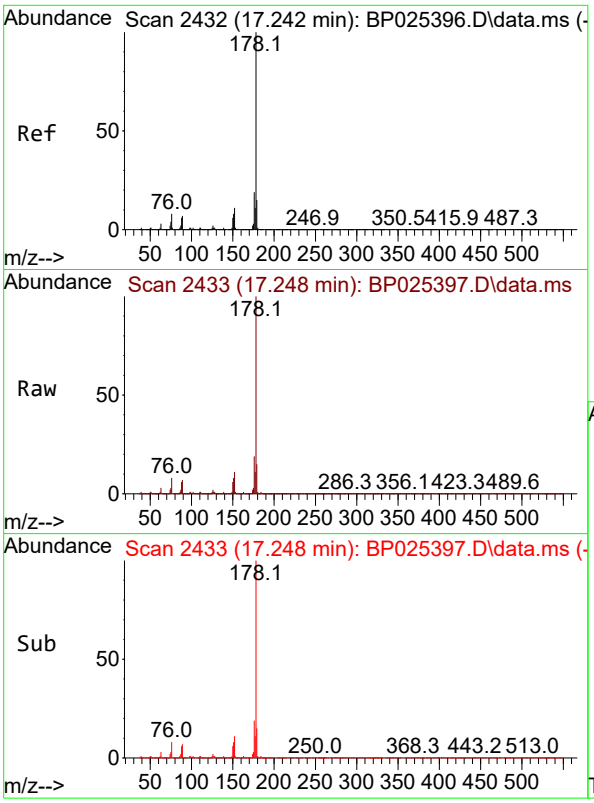


#70
Pentachlorophenol
Concen: 54.872 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:266 Resp: 332839

Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.6	79.0
264	62.1	52.0	78.0

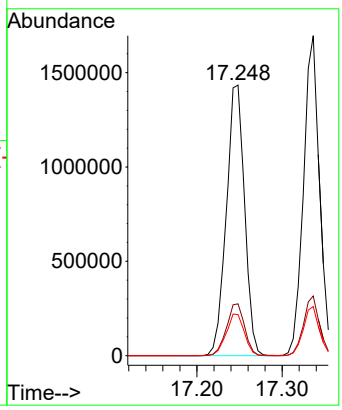




#71
Phenanthrene
Concen: 51.673 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:178 Resp: 213943

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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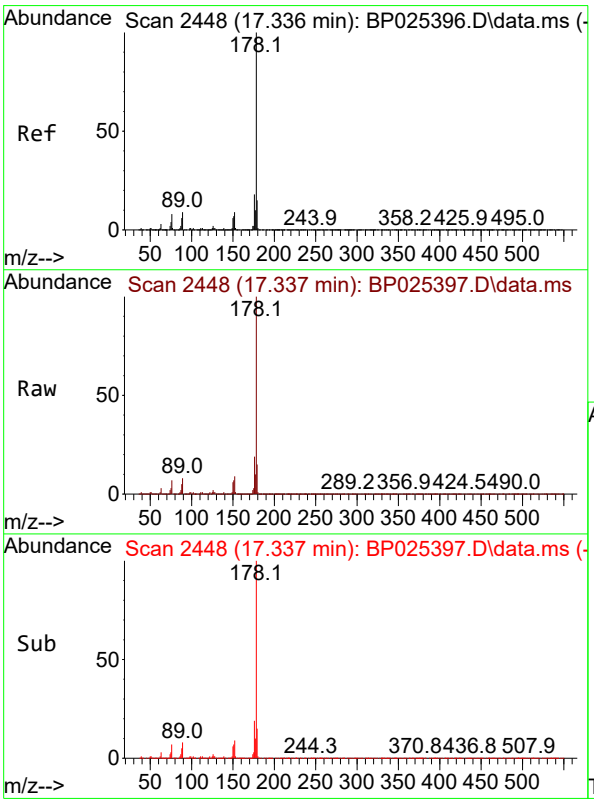
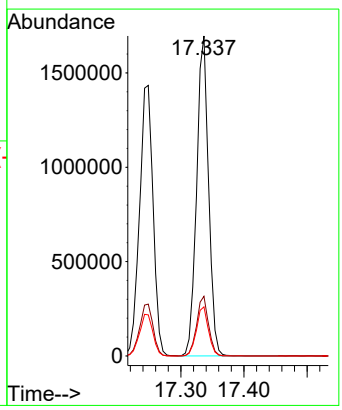
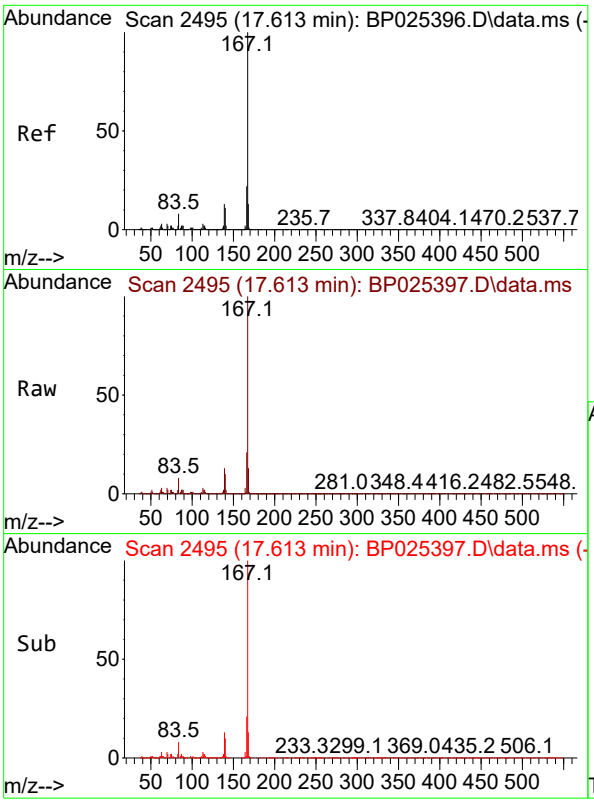


#72
Anthracene
Concen: 52.385 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:178 Resp: 2214911

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.4	12.2	18.2

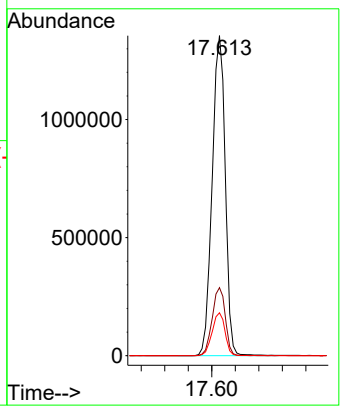




#73
Carbazole
Concen: 52.559 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:167 Resp: 209317

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.5	26.3
139	13.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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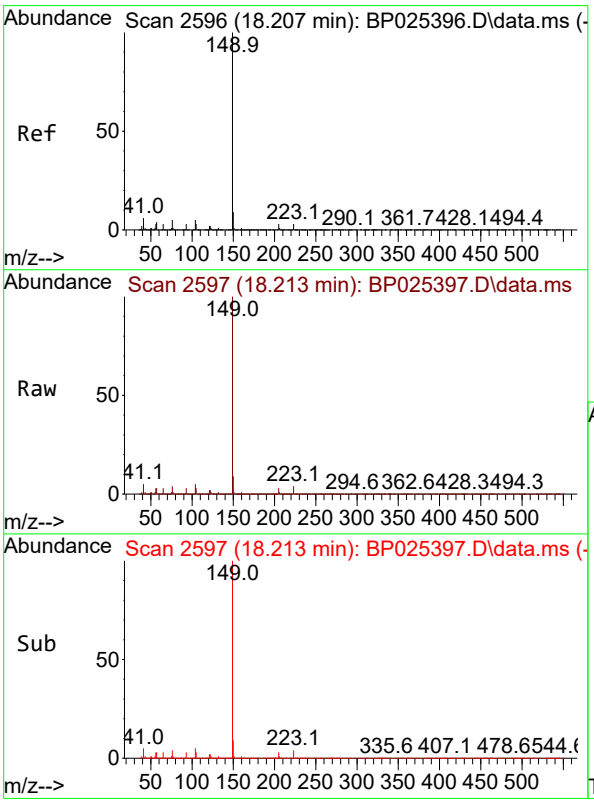
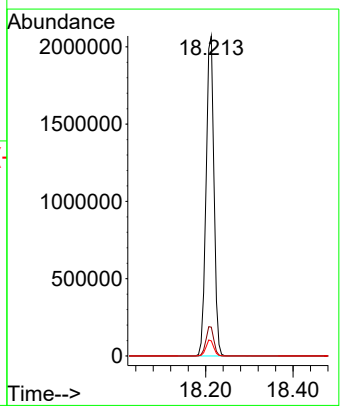
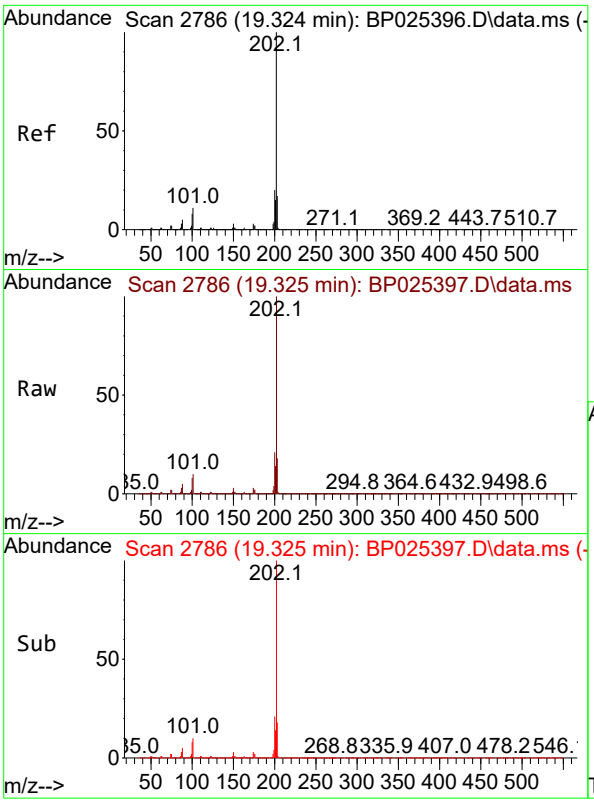


#74
Di-n-butylphthalate
Concen: 52.849 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 2589522

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.7	4.2	6.2

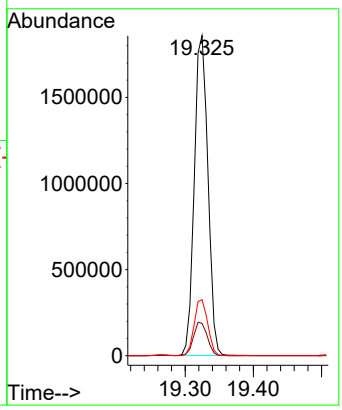




#75
Fluoranthene
Concen: 51.910 ng
RT: 19.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:202 Resp: 256370

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.5	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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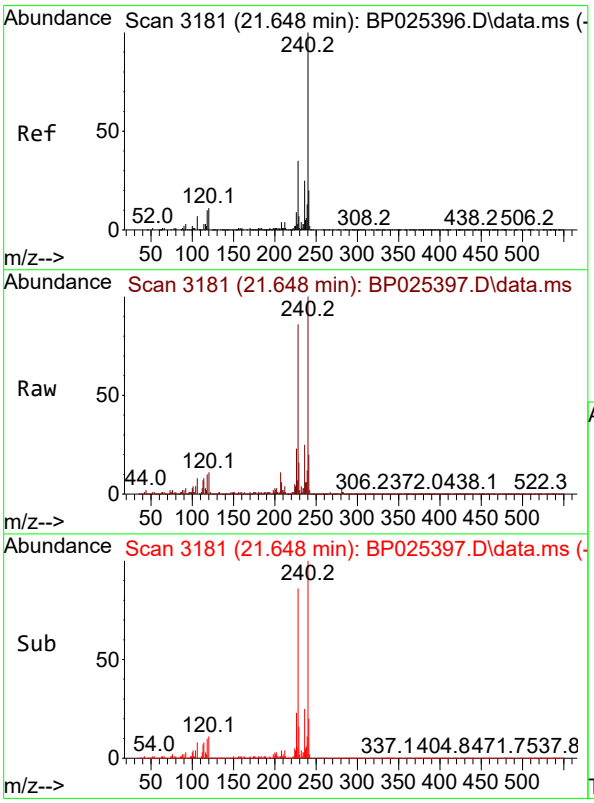
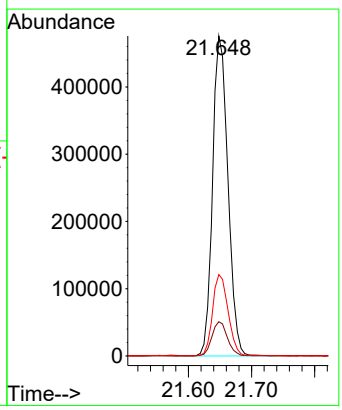
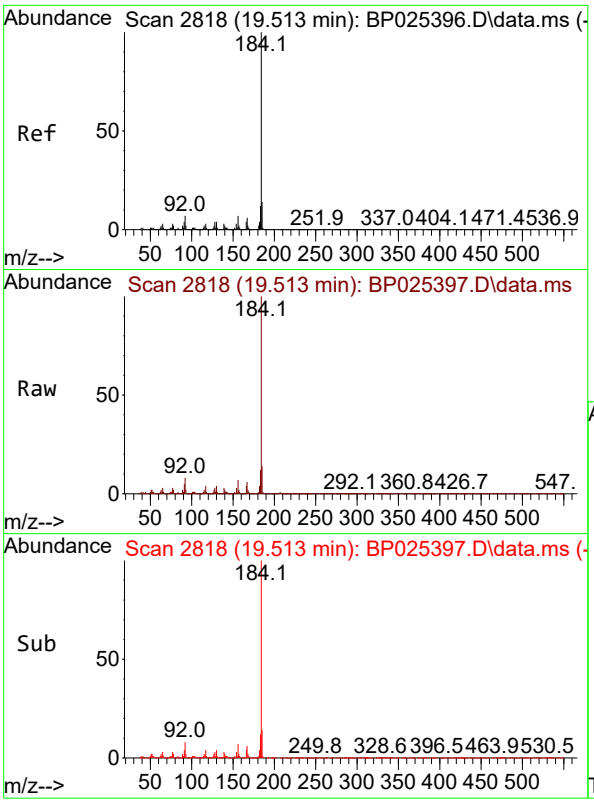


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:240 Resp: 801742

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.5	19.8	29.8

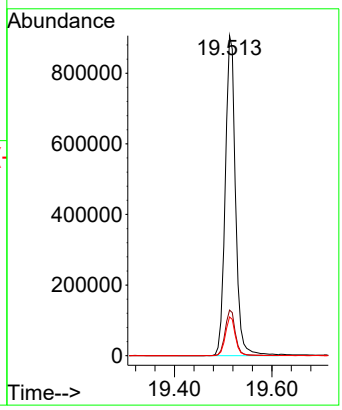




#77
Benzidine
Concen: 48.615 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:184 Resp: 133019

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	12.1	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
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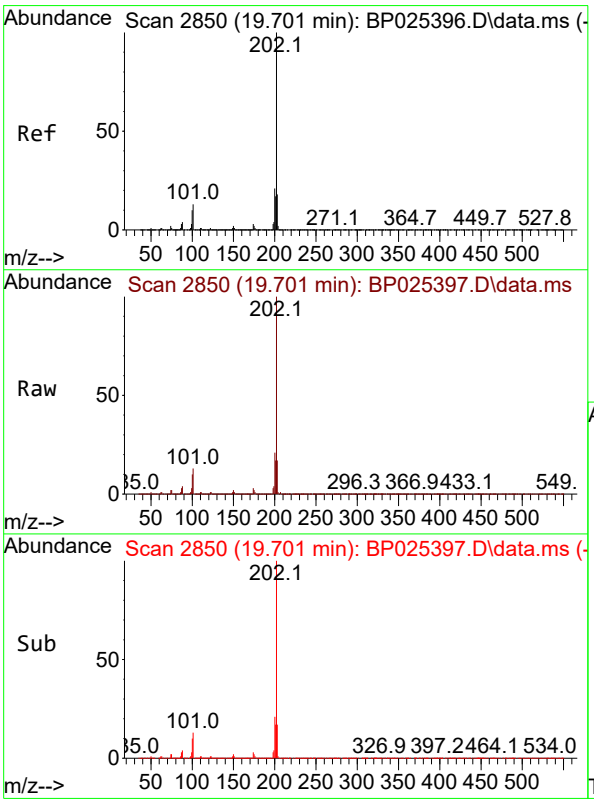
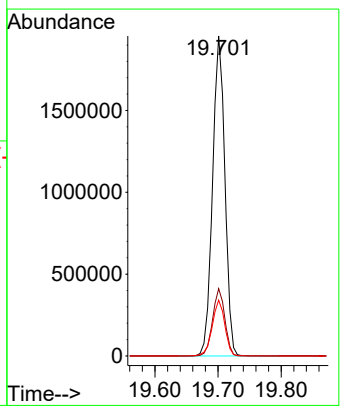
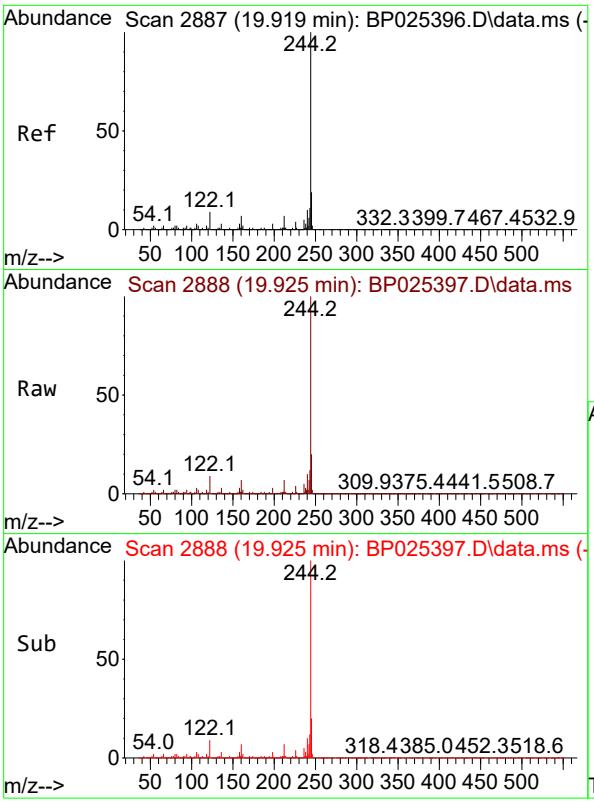


#78
Pyrene
Concen: 50.754 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:202 Resp: 2644850

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.4	14.2	21.2

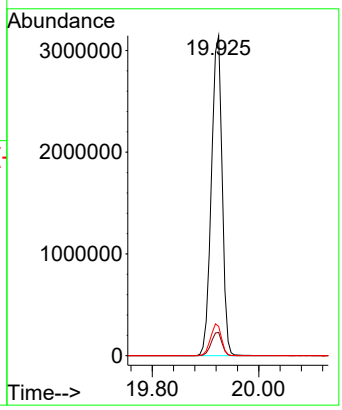




#79
Terphenyl-d14
Concen: 100.615 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:244 Resp: 440909

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.2	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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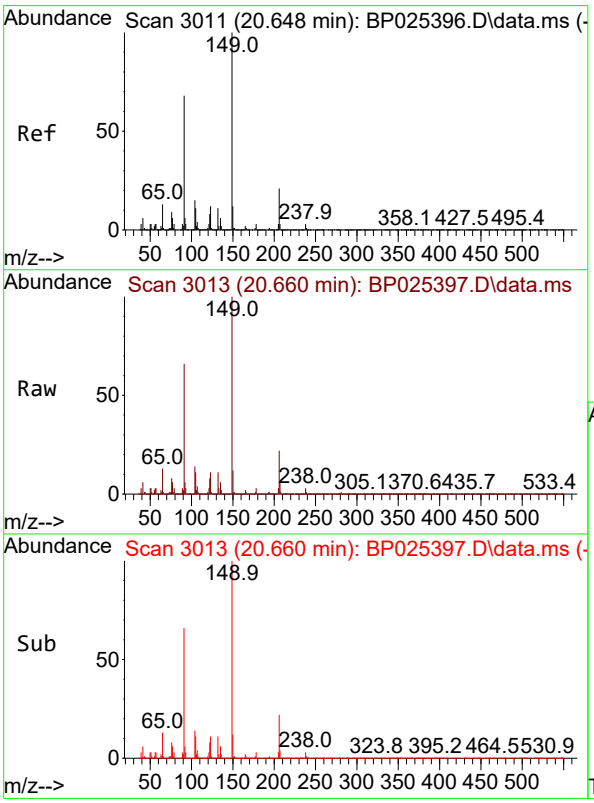
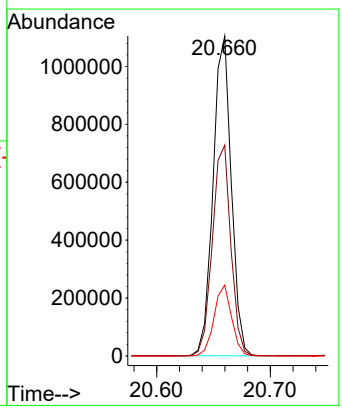
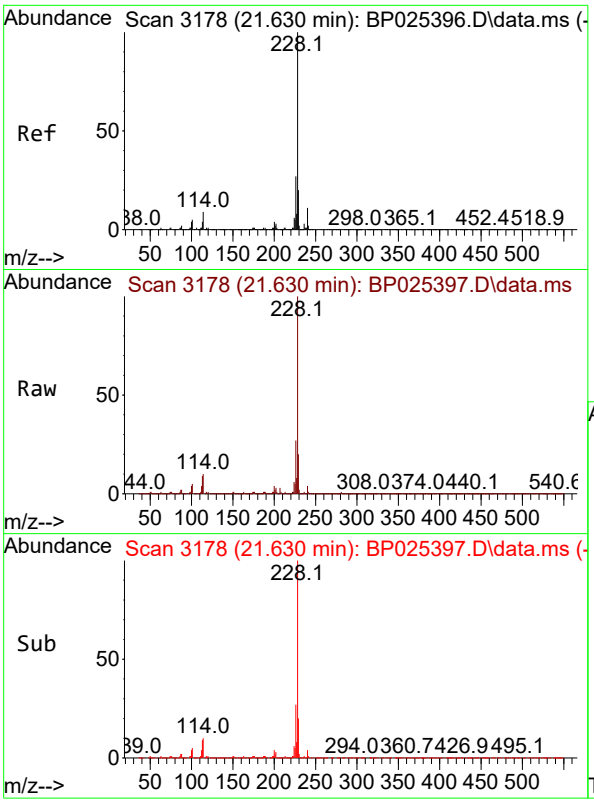


#80
Butylbenzylphthalate
Concen: 52.139 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 1231376

Ion	Ratio	Lower	Upper
149	100		
91	65.9	54.2	81.2
206	22.2	16.6	24.8

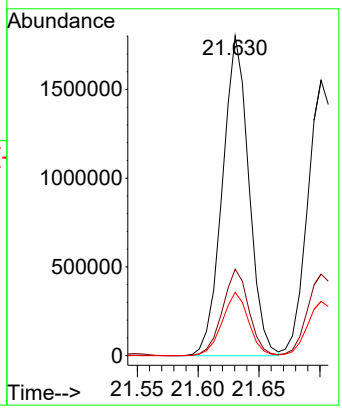




#81
Benzo(a)anthracene
Concen: 51.499 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:228 Resp: 272300

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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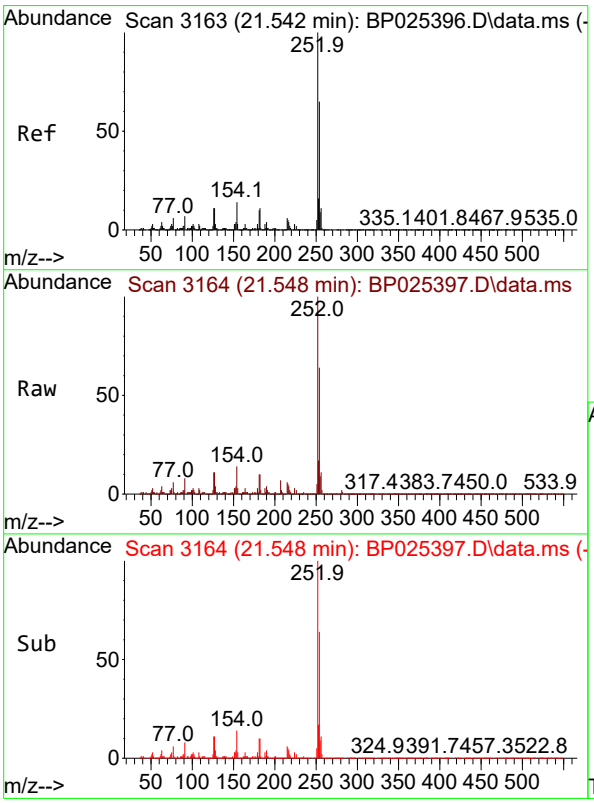
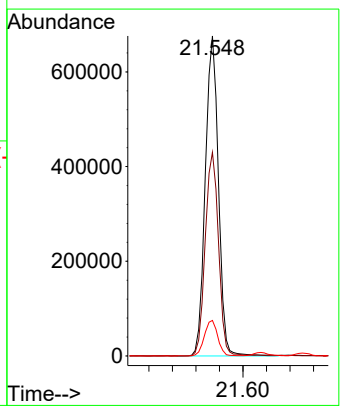
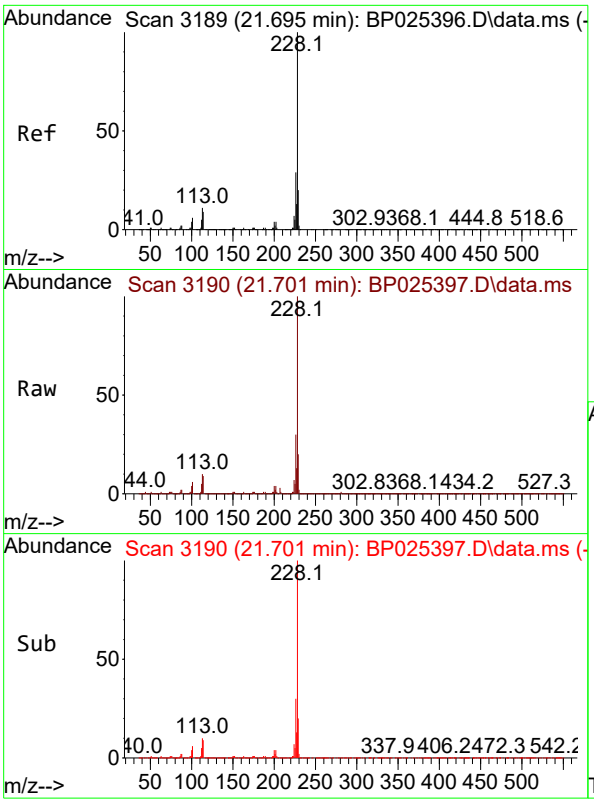


#82
3,3'-Dichlorobenzidine
Concen: 52.357 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 1043476

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.8	77.6
126	11.1	9.1	13.7

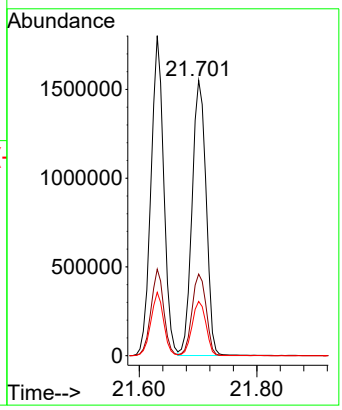




#83
Chrysene
Concen: 51.817 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:228 Resp: 256585

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	19.7	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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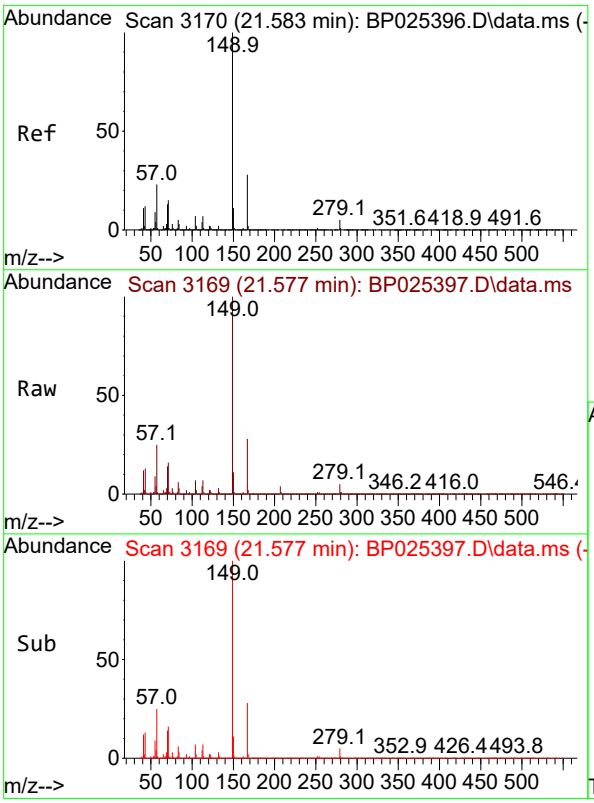
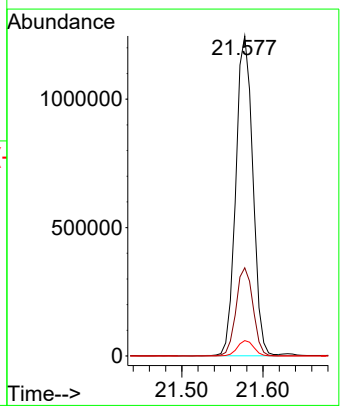
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

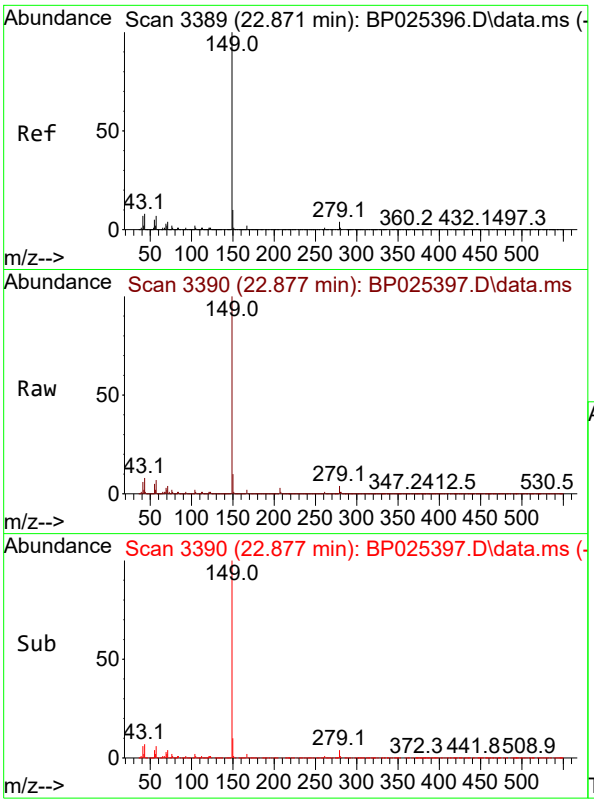


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.933 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 1805478

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.8	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 52.690 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

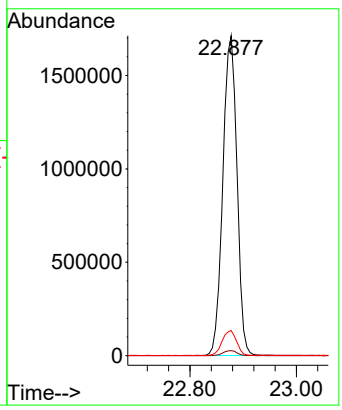
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

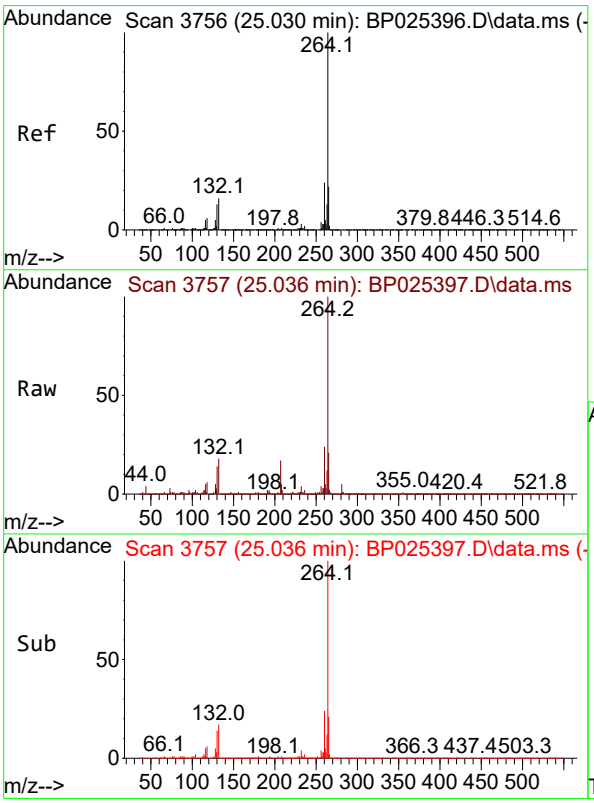
Tgt Ion:149 Resp: 315082

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.3	9.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

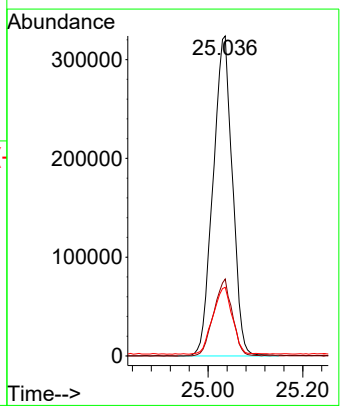


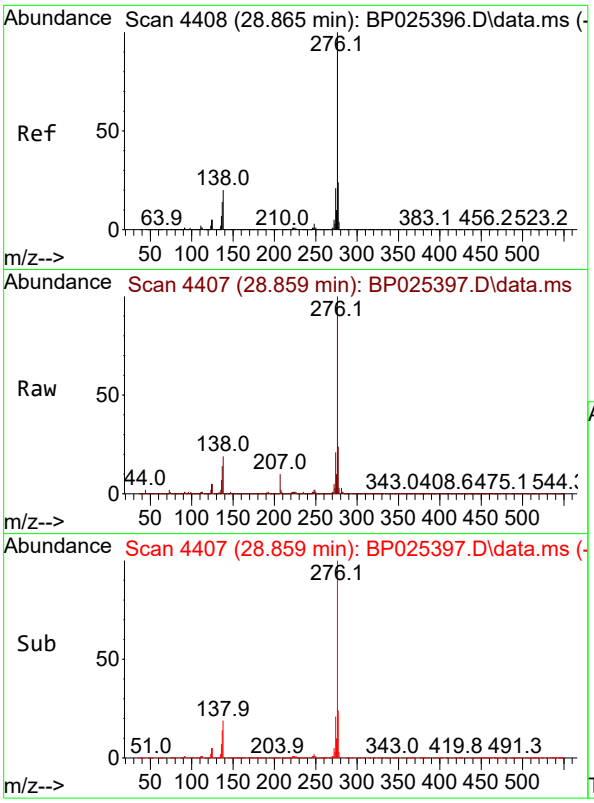


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:264 Resp: 918939

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.5	17.4	26.0

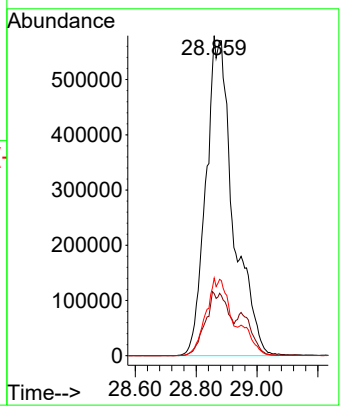




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.463 ng m
RT: 28.859 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:276 Resp: 360417

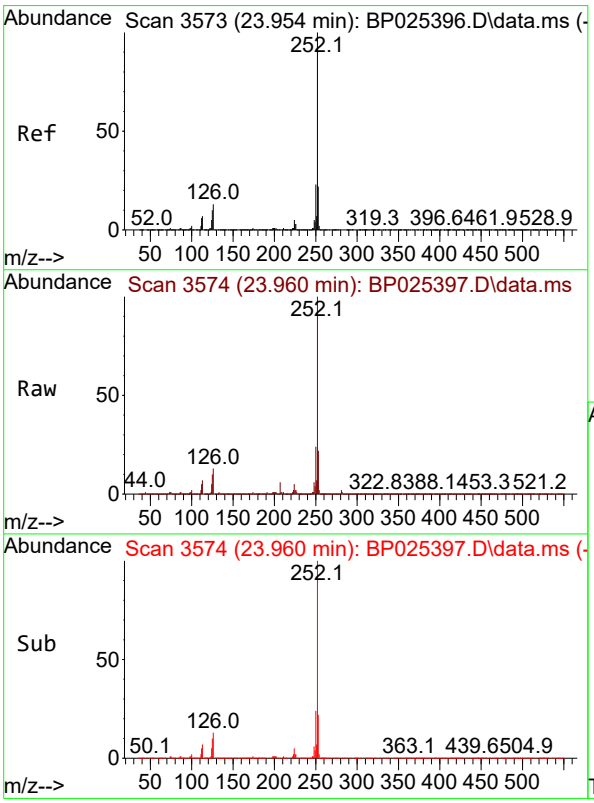
Ion	Ratio	Lower	Upper
276	100		
138	8.3	12.9	19.3#
277	9.7	17.0	25.6#



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

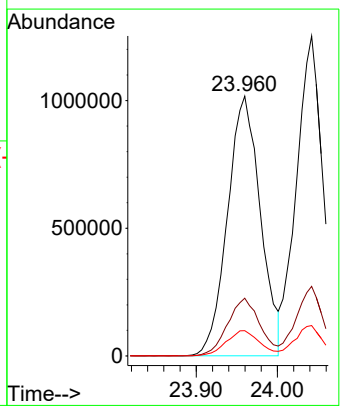
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

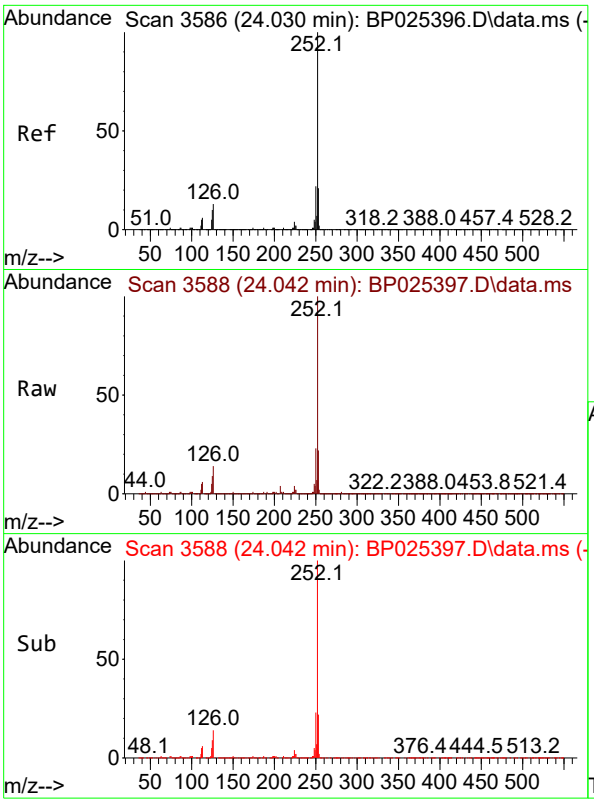


#88
Benzo(b)fluoranthene
Concen: 52.982 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 2870971

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.8	7.9	11.9

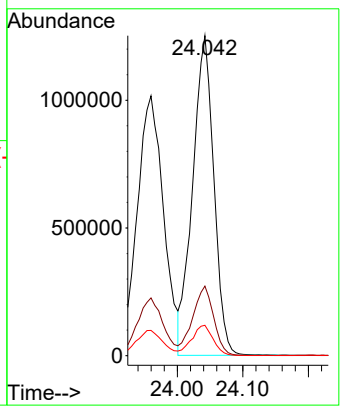




#89
Benzo(k)fluoranthene
Concen: 51.956 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 281727

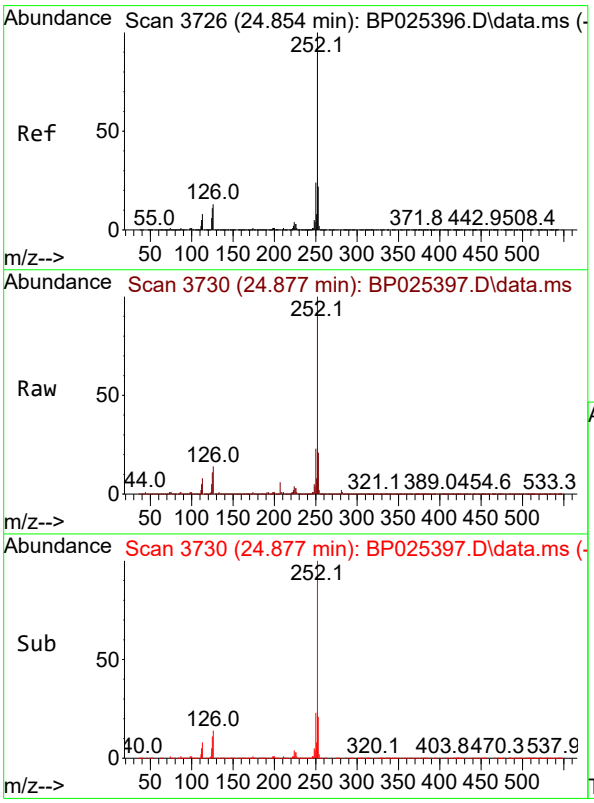
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

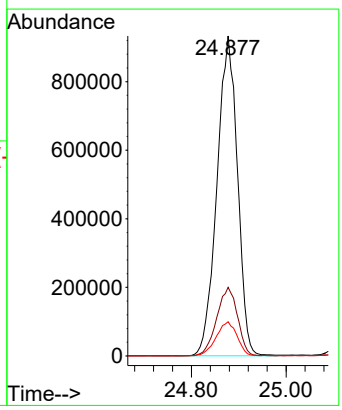
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

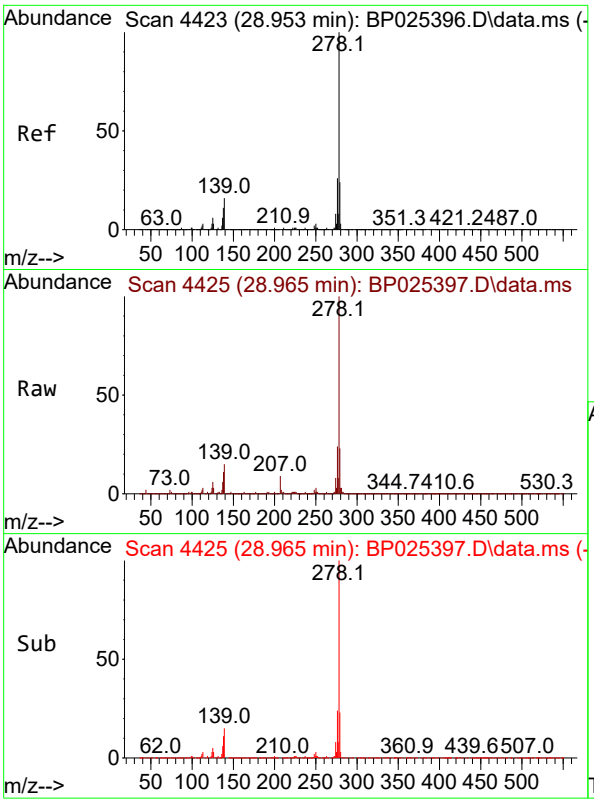


#90
Benzo(a)pyrene
Concen: 53.100 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 2800880

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.7	8.7	13.1

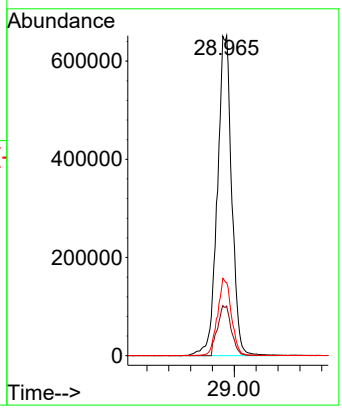




#91
Dibenzo(a,h)anthracene
Concen: 53.795 ng
RT: 28.965 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:278 Resp: 296262

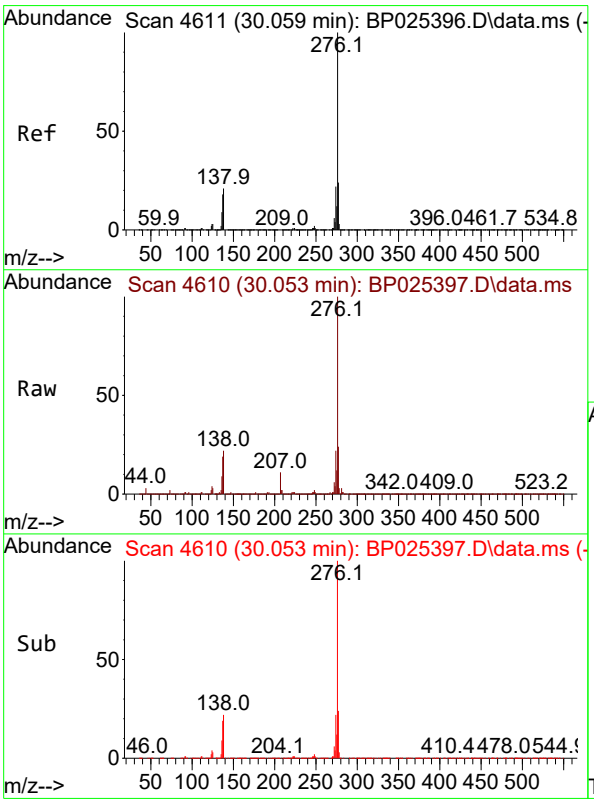
Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.0	19.4
279	22.9	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

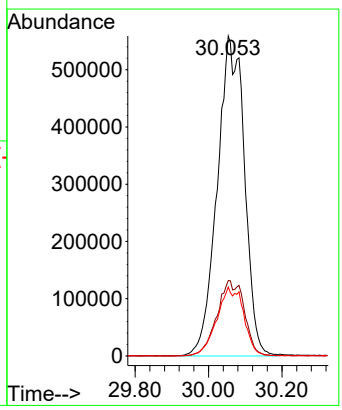
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 52.960 ng m
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:276 Resp: 2866689

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	21.6	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	162248	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	693237	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	460439	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	923402	20.000	ng		0.01
76) Chrysene-d12	21.666	240	926019	20.000	ng		0.02
86) Perylene-d12	25.042	264	1081163	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1193329	122.144	ng		0.00
7) Phenol-d6	6.972	99	1566626	125.072	ng		0.00
23) Nitrobenzene-d5	8.931	82	1698557	123.944	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	760738	122.748	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	3963871	117.656	ng		0.00
79) Terphenyl-d14	19.930	244	5896004	116.490	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	225015	58.799	ng		99
3) Pyridine	3.731	79	623639	59.539	ng		97
4) n-Nitrosodimethylamine	3.637	42	269971	62.518	ng		100
6) Aniline	7.125	93	1053232	62.408	ng		99
8) 2-Chlorophenol	7.366	128	688094	62.413	ng		100
9) Benzaldehyde	6.943	77	489205	55.745	ng		97
10) Phenol	7.002	94	821863	62.530	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	634374	61.925	ng		99
12) 1,3-Dichlorobenzene	7.684	146	744884	61.273	ng		99
13) 1,4-Dichlorobenzene	7.825	146	751354	60.469	ng		100
14) 1,2-Dichlorobenzene	8.143	146	723663	60.165	ng		99
15) Benzyl Alcohol	8.025	79	627198	63.019	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	846896	61.712	ng		99
17) 2-Methylphenol	8.225	107	579471	63.480	ng		99
18) Hexachloroethane	8.866	117	281129	61.535	ng		95
19) n-Nitroso-di-n-propyla...	8.590	70	507223	61.060	ng		98
20) 3+4-Methylphenols	8.555	107	798107	63.075	ng		96
22) Acetophenone	8.602	105	1051848	60.503	ng	#	99
24) Nitrobenzene	8.978	77	752762	61.461	ng		98
25) Isophorone	9.502	82	1475193	60.825	ng		99
26) 2-Nitrophenol	9.678	139	405821	64.564	ng		98
27) 2,4-Dimethylphenol	9.743	122	675186	62.463	ng		100
28) bis(2-Chloroethoxy)met...	9.972	93	894872	61.040	ng		99
29) 2,4-Dichlorophenol	10.213	162	673952	62.764	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	715954	60.823	ng		98
31) Naphthalene	10.613	128	2187912	60.722	ng		100
32) Benzoic acid	9.907	122	530609	66.651	ng		98
33) 4-Chloroaniline	10.713	127	993155	62.401	ng		99
34) Hexachlorobutadiene	10.901	225	442929	60.421	ng		100
35) Caprolactam	11.513	113	241521	61.340	ng		95
36) 4-Chloro-3-methylphenol	11.843	107	764338	62.033	ng		98
37) 2-Methylnaphthalene	12.219	142	1418882	60.511	ng		99
38) 1-Methylnaphthalene	12.437	142	1494304	59.925	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	802737	60.365	ng		100
41) Hexachlorocyclopentadiene	12.572	237	536440	66.784	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	564165	62.841	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.901	196	619246	62.937	ng	97
46)	1,1'-Biphenyl	13.237	154	1996186	59.695	ng	99
47)	2-Chloronaphthalene	13.272	162	1577577	60.600	ng	99
48)	2-Nitroaniline	13.472	65	485429	63.996	ng	100
49)	Acenaphthylene	14.131	152	2634005	61.147	ng	99
50)	Dimethylphthalate	13.866	163	2042324	60.572	ng	99
51)	2,6-Dinitrotoluene	13.972	165	446520	62.831	ng	100
52)	Acenaphthene	14.478	154	1527191	60.399	ng	100
53)	3-Nitroaniline	14.301	138	506373	63.331	ng	96
54)	2,4-Dinitrophenol	14.519	184	265089	69.849	ng	98
55)	Dibenzofuran	14.819	168	2387933	59.734	ng	100
56)	4-Nitrophenol	14.625	139	419801	63.893	ng	99
57)	2,4-Dinitrotoluene	14.778	165	650054	64.112	ng	96
58)	Fluorene	15.478	166	1836972	58.236	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.042	232	541317	62.307	ng	100
60)	Diethylphthalate	15.254	149	2015888	58.840	ng	99
61)	4-Chlorophenyl-phenyle...	15.472	204	926280	59.044	ng	99
62)	4-Nitroaniline	15.489	138	510438	62.272	ng	99
63)	Azobenzene	15.766	77	1796580	61.242	ng	99
65)	4,6-Dinitro-2-methylph...	15.554	198	385873	67.038	ng	98
66)	n-Nitrosodiphenylamine	15.684	169	1674806	59.478	ng	99
67)	4-Bromophenyl-phenylether	16.378	248	616767	60.731	ng	97
68)	Hexachlorobenzene	16.501	284	711778	60.461	ng	100
69)	Atrazine	16.666	200	633381	60.063	ng	99
70)	Pentachlorophenol	16.854	266	474276	63.820	ng	97
71)	Phenanthrene	17.260	178	3006132	59.263	ng	100
72)	Anthracene	17.342	178	3050794	58.895	ng	99
73)	Carbazole	17.625	167	2916606	59.776	ng	99
74)	Di-n-butylphthalate	18.219	149	3560427	59.310	ng	100
75)	Fluoranthene	19.342	202	3563798	58.899	ng	99
77)	Benzidine	19.525	184	1690432	53.489	ng	99
78)	Pyrene	19.713	202	3664453	60.883	ng	100
80)	Butylbenzylphthalate	20.660	149	1710246	62.697	ng	99
81)	Benzo(a)anthracene	21.648	228	3702064	60.619	ng	99
82)	3,3'-Dichlorobenzidine	21.554	252	1405597	61.062	ng	100
83)	Chrysene	21.707	228	3453736	60.387	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.583	149	2450963	61.038	ng	100
85)	Di-n-octyl phthalate	22.883	149	4342211	62.869	ng	100
87)	Indeno(1,2,3-cd)pyrene	28.901	276	4937235	62.248	ng	96
88)	Benzo(b)fluoranthene	23.960	252	3883465	60.914	ng	99
89)	Benzo(k)fluoranthene	24.036	252	3912900	61.334	ng	99
90)	Benzo(a)pyrene	24.883	252	3845093	61.959	ng	99
91)	Dibenzo(a,h)anthracene	28.977	278	4035414	62.280	ng	98
92)	Benzo(g,h,i)perylene	30.083	276	3958545	62.159	ng	100

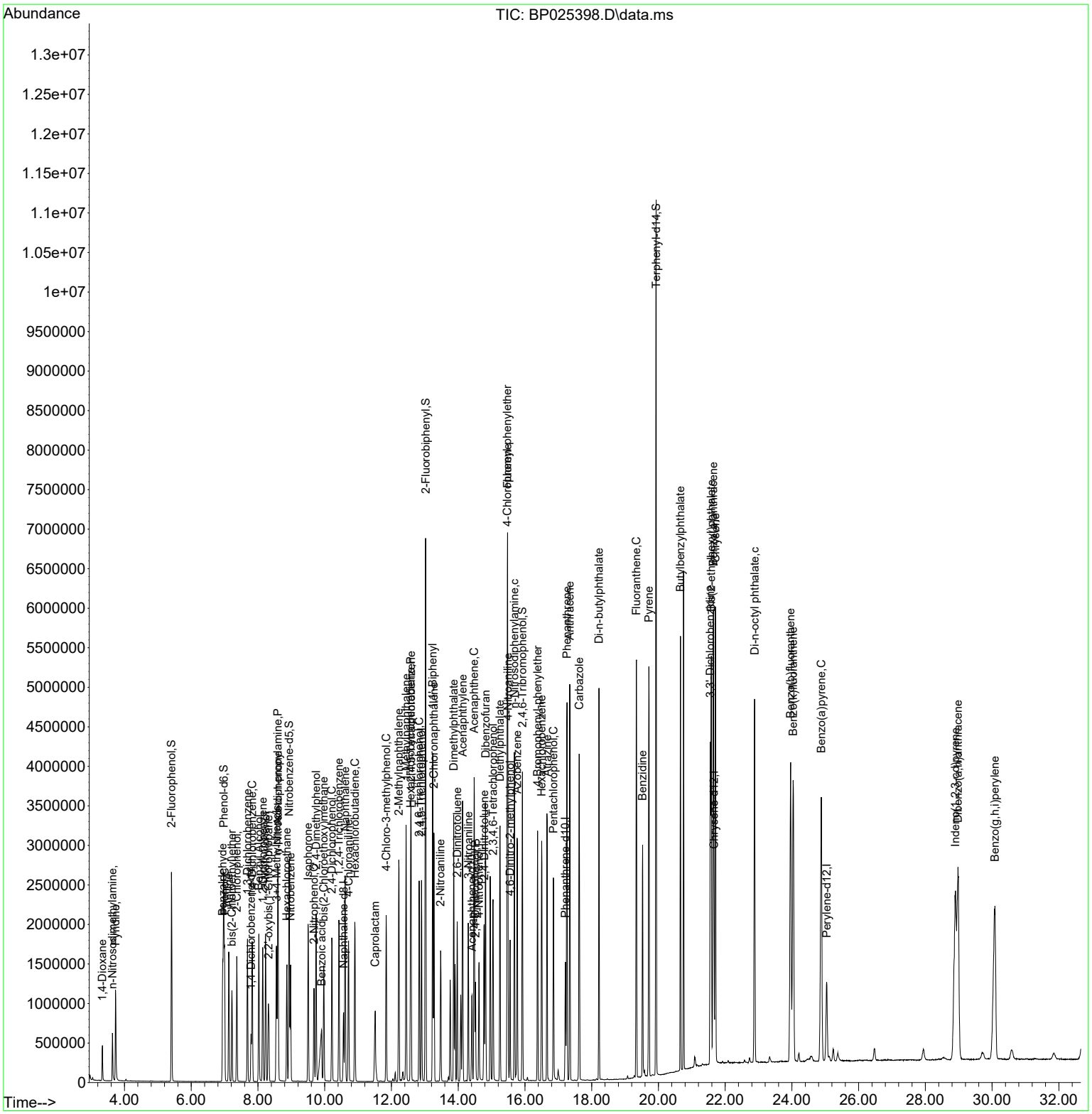
(#) = qualifier out of range (m) = manual integration (+) = signals summed

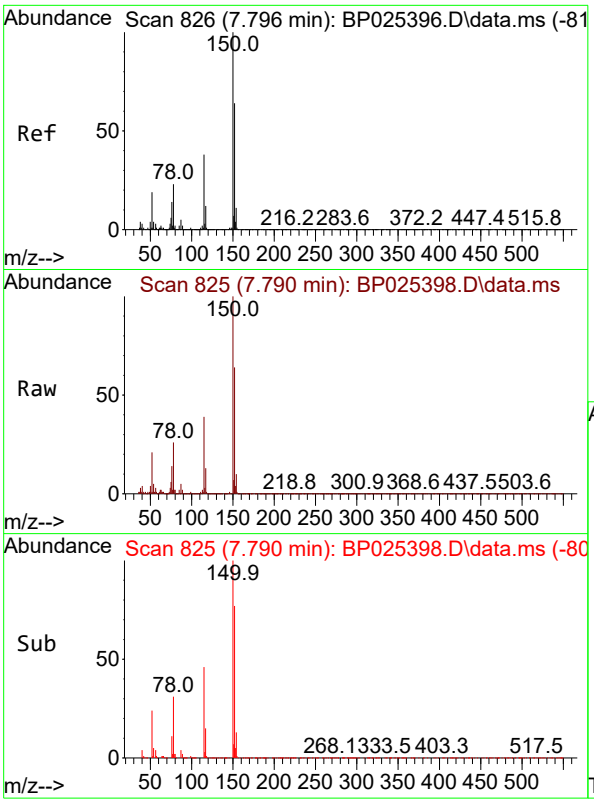
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



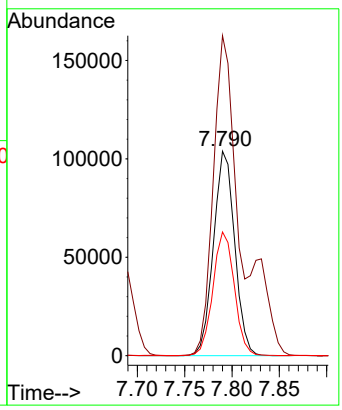


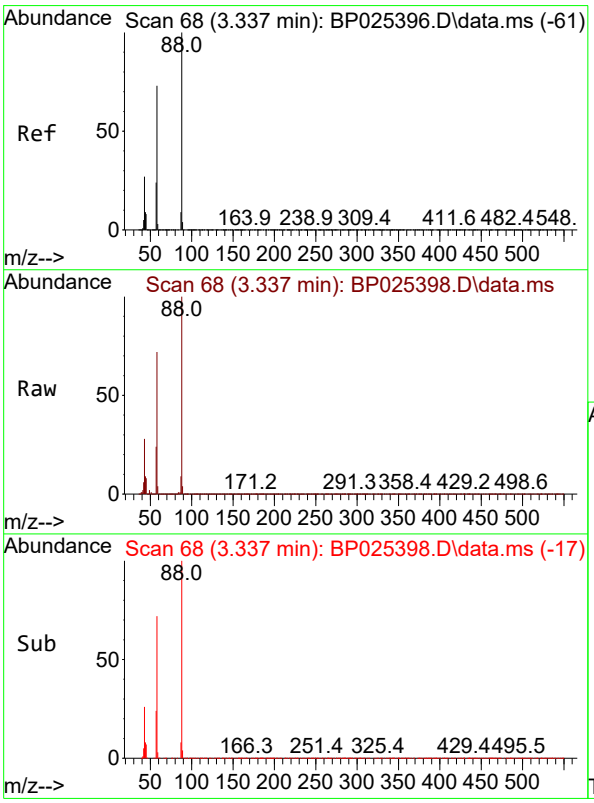
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 162248

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.9	188.9
115	60.5	48.5	72.7

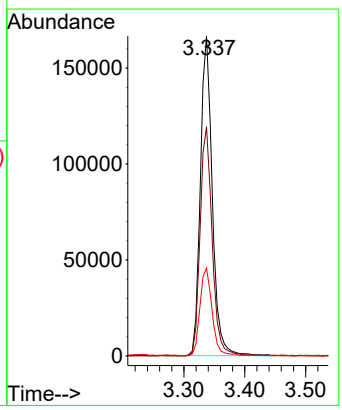


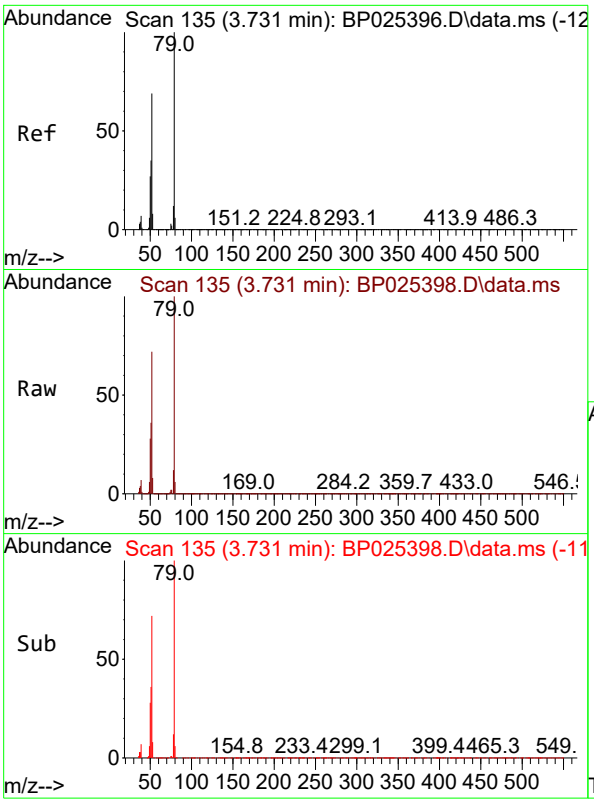


#2
1,4-Dioxane
Concen: 58.799 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 88 Resp: 225015

Ion	Ratio	Lower	Upper
88	100		
58	73.0	59.2	88.8
43	27.9	21.7	32.5



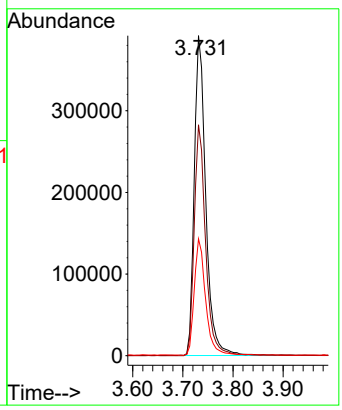


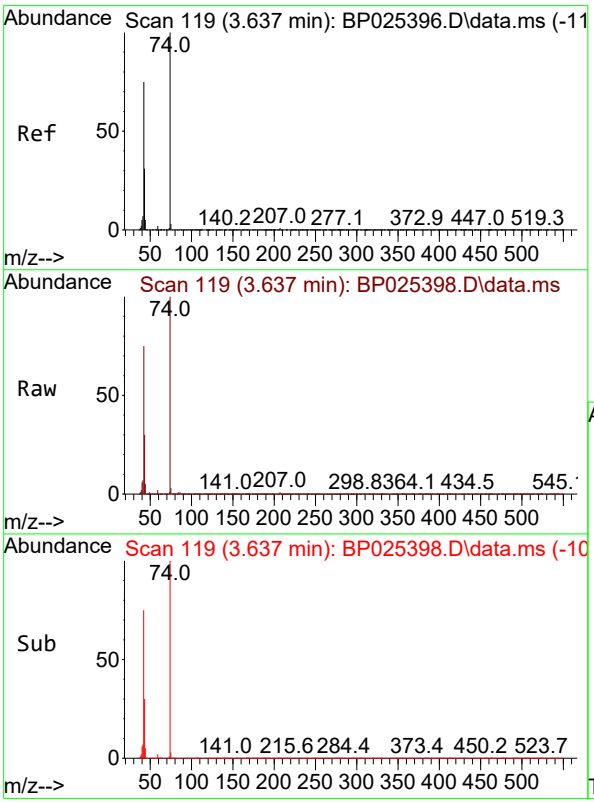
#3
Pyridine
Concen: 59.539 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 623639

Ion	Ratio	Lower	Upper
79	100		
52	72.1	55.5	83.3
51	36.5	28.3	42.5

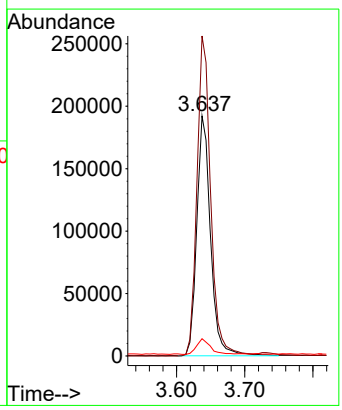


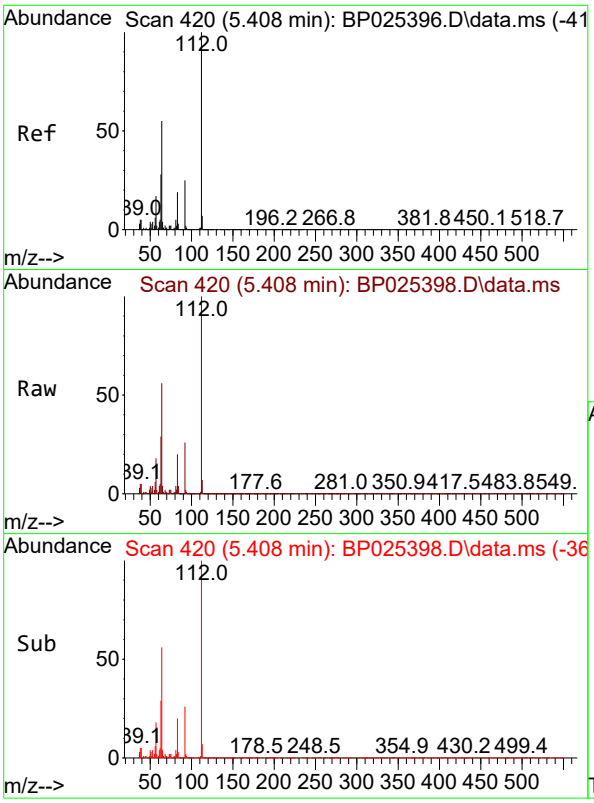


#4
n-Nitrosodimethylamine
Concen: 62.518 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 42 Resp: 269971

Ion	Ratio	Lower	Upper
42	100		
74	133.4	107.0	160.4
44	7.2	6.2	9.4



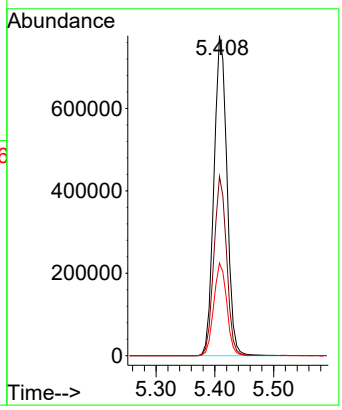


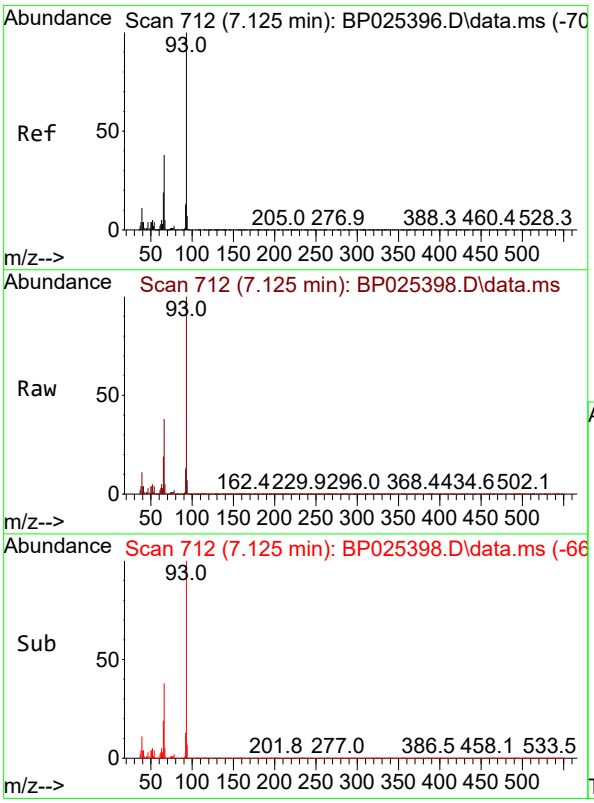
#5
2-Fluorophenol
Concen: 122.144 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1193329

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.8	65.8
63	29.0	22.7	34.1

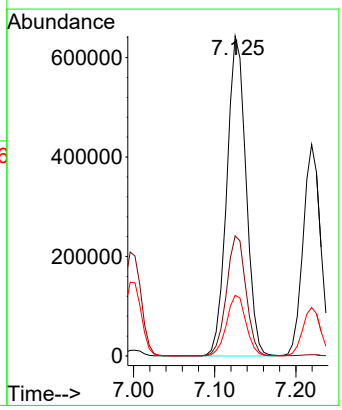


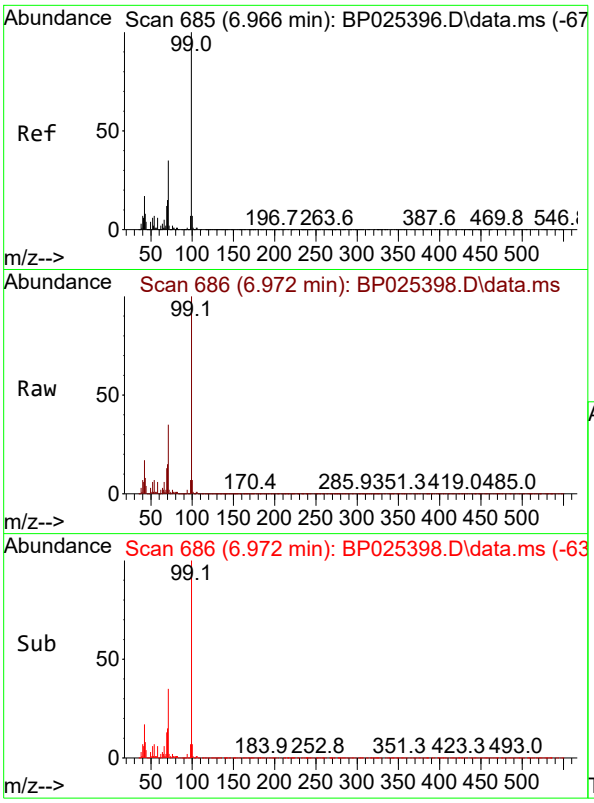


#6
Aniline
Concen: 62.408 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 93 Resp: 1053232

Ion	Ratio	Lower	Upper
93	100		
66	37.5	30.4	45.6
65	18.9	15.3	22.9



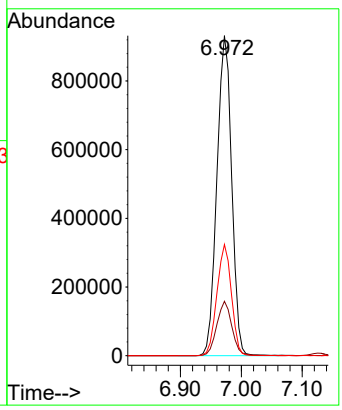


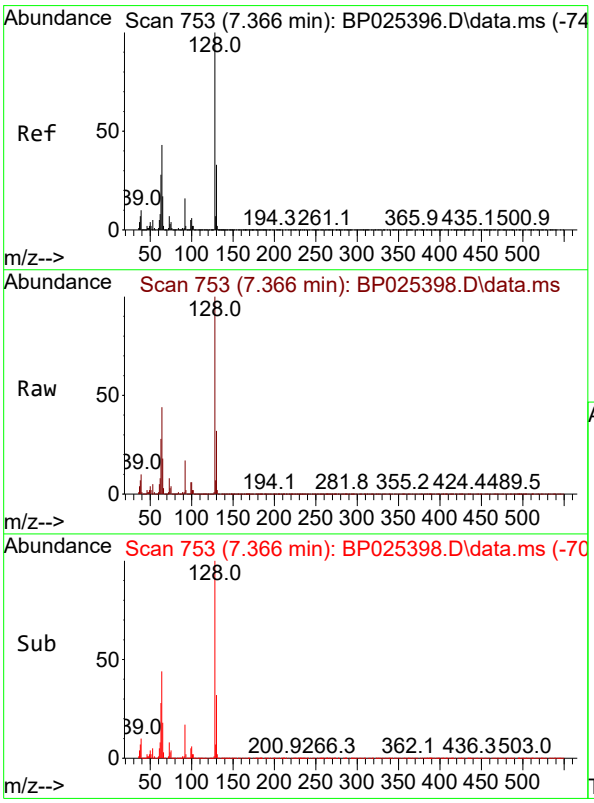
#7
Phenol-d6
Concen: 125.072 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1566626

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	34.8	28.2	42.4

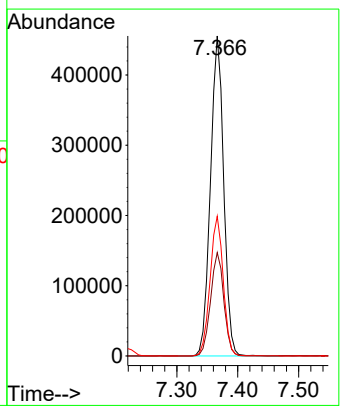


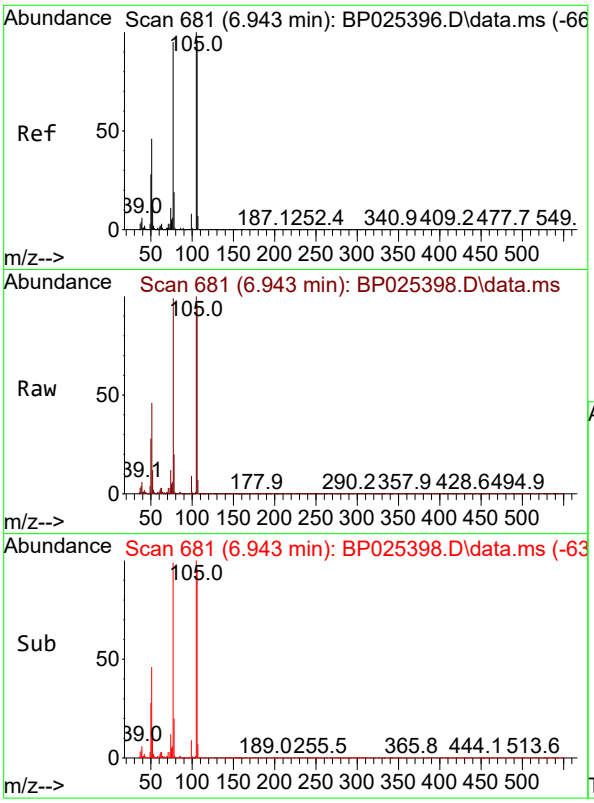


#8
2-Chlorophenol
Concen: 62.413 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:128 Resp: 688094

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	43.7	23.4	63.4



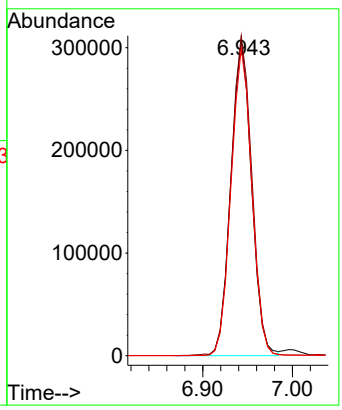


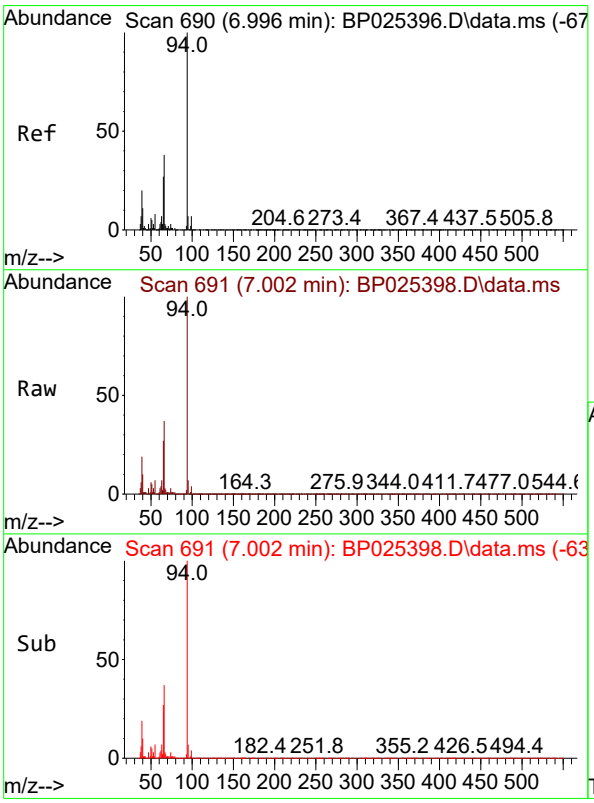
#9
Benzaldehyde
Concen: 55.745 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 489205

Ion	Ratio	Lower	Upper
77	100		
105	101.4	84.8	124.8
106	97.4	80.5	120.5

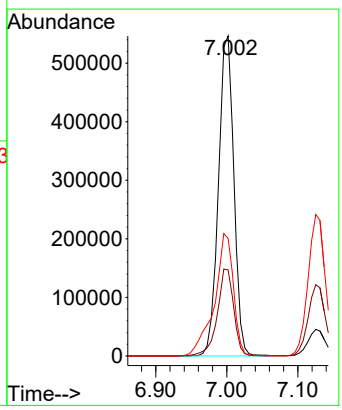


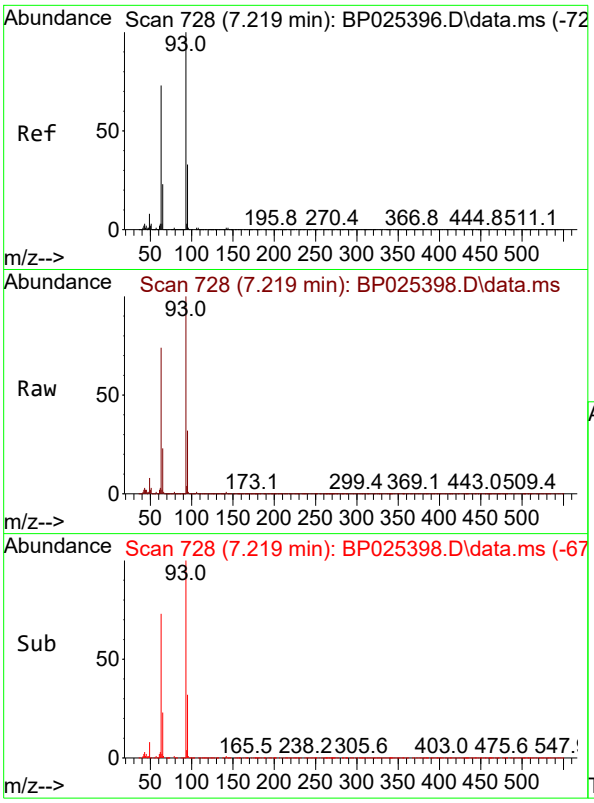


#10
Phenol
Concen: 62.530 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 94 Resp: 821863

Ion	Ratio	Lower	Upper
94	100		
65	26.9	6.8	46.8
66	36.8	18.2	58.2



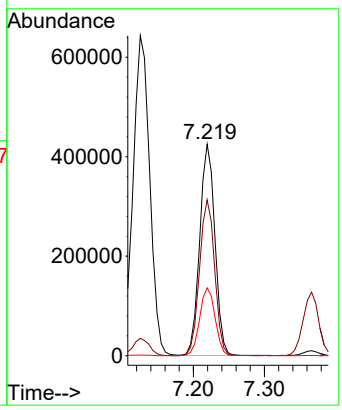


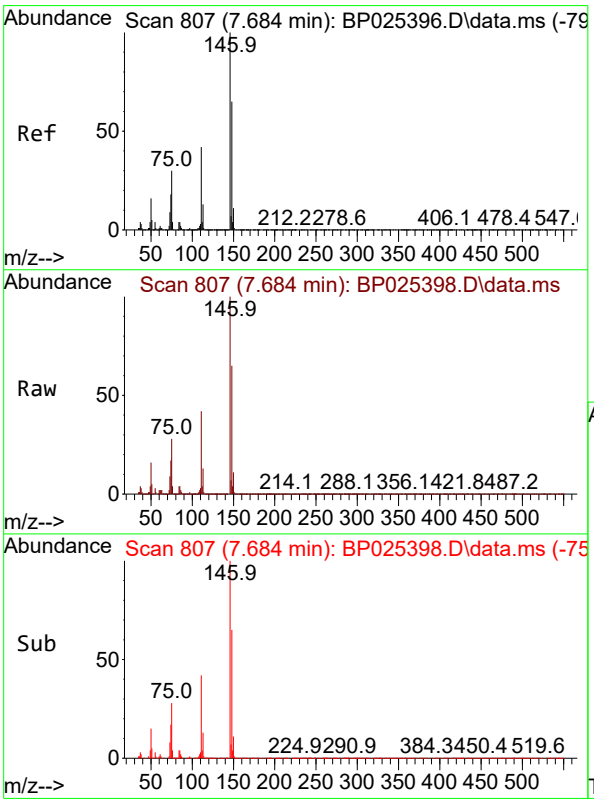
#11
bis(2-Chloroethyl)ether
Concen: 61.925 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 634374

Ion	Ratio	Lower	Upper
93	100		
63	73.6	52.6	92.6
95	32.0	12.7	52.7

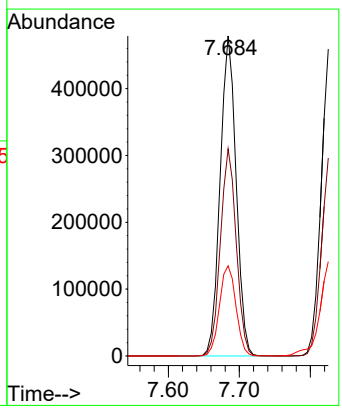


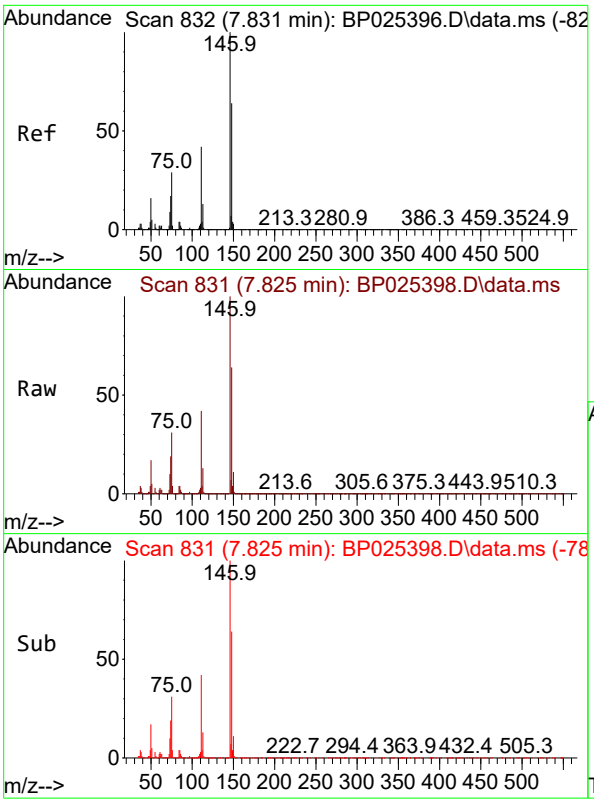


#12
1,3-Dichlorobenzene
Concen: 61.273 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:146 Resp: 744884

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	28.2	23.7	35.5



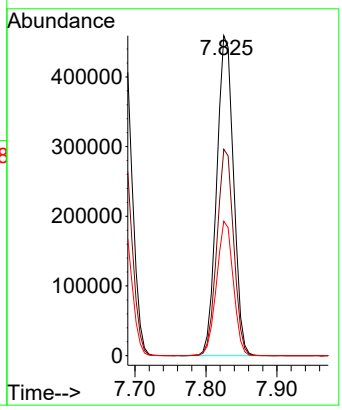


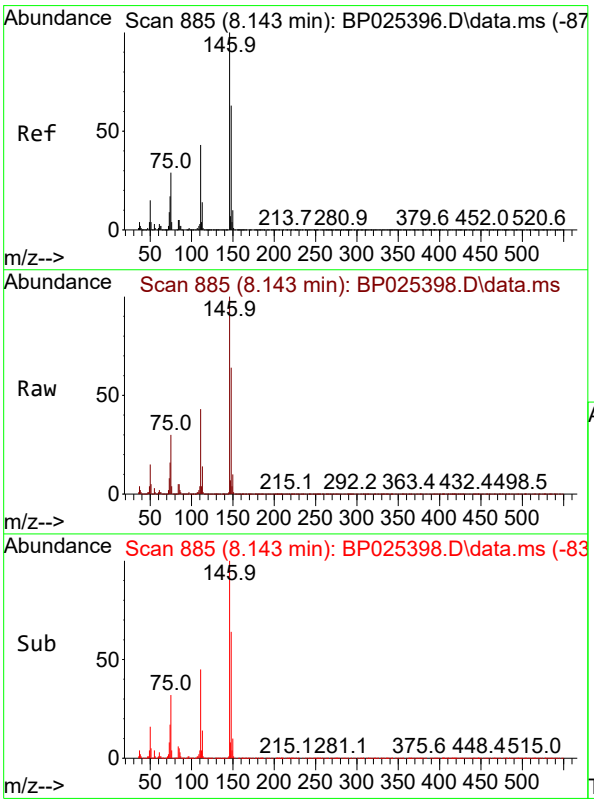
#13
1,4-Dichlorobenzene
Concen: 60.469 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 751354

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	42.0	33.4	50.0

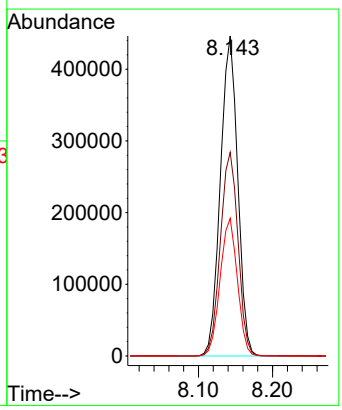


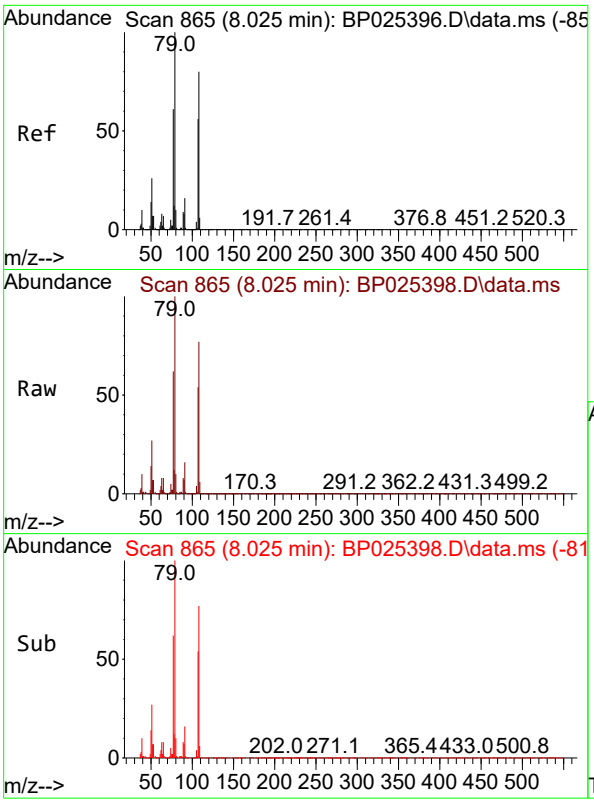


#14
1,2-Dichlorobenzene
Concen: 60.165 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:146 Resp: 723663

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	43.0	34.5	51.7



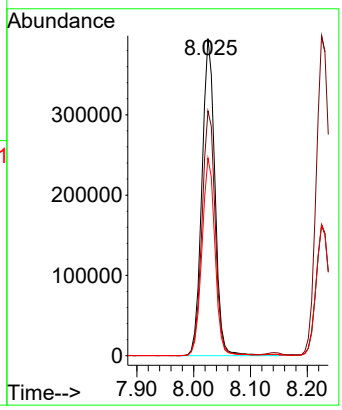


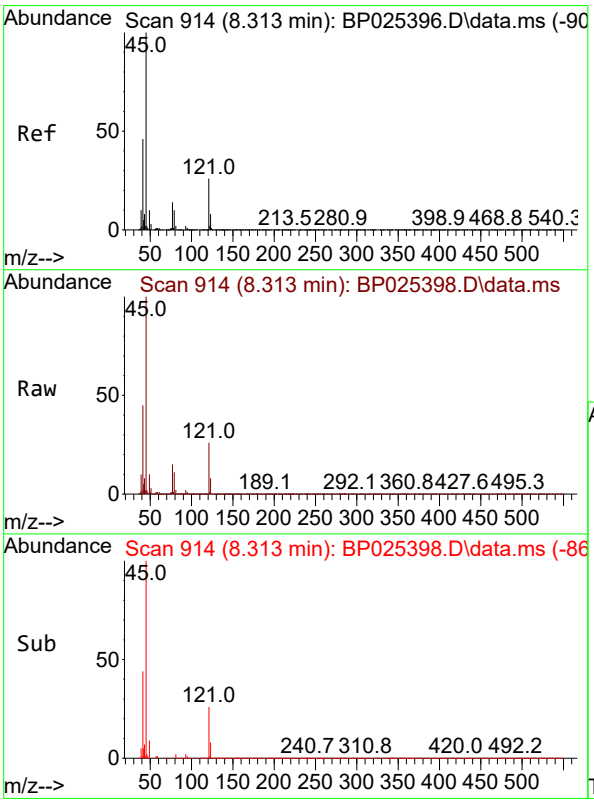
#15
Benzyl Alcohol
Concen: 63.019 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 627198

Ion	Ratio	Lower	Upper
79	100		
108	77.2	63.8	95.6
77	62.3	49.0	73.4

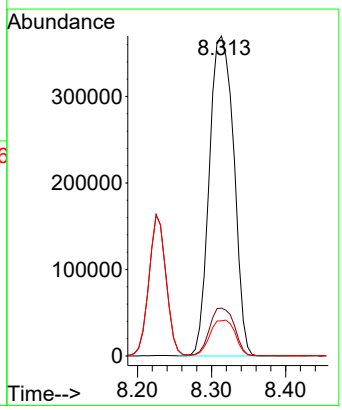


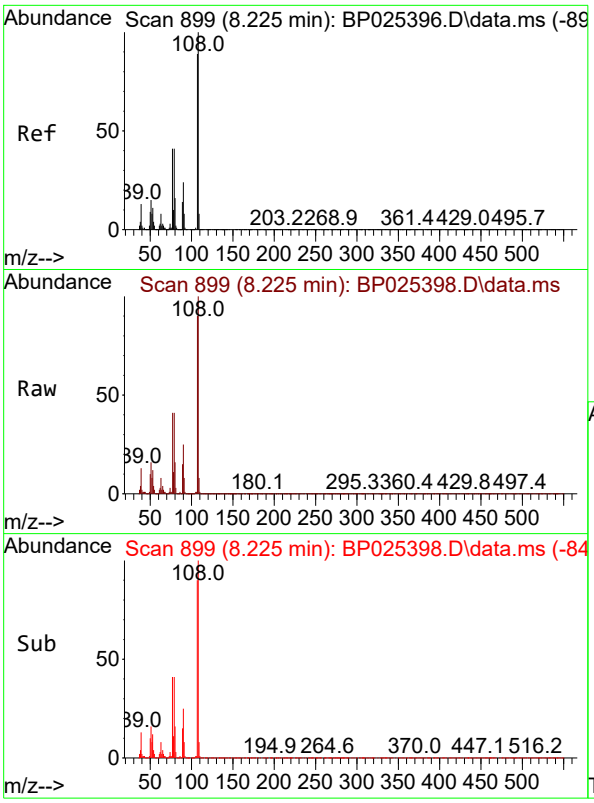


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.712 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 45 Resp: 846896

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.3
79	11.0	0.0	31.8



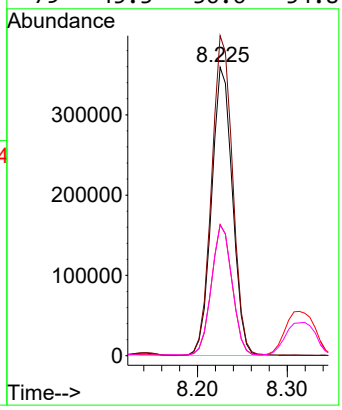


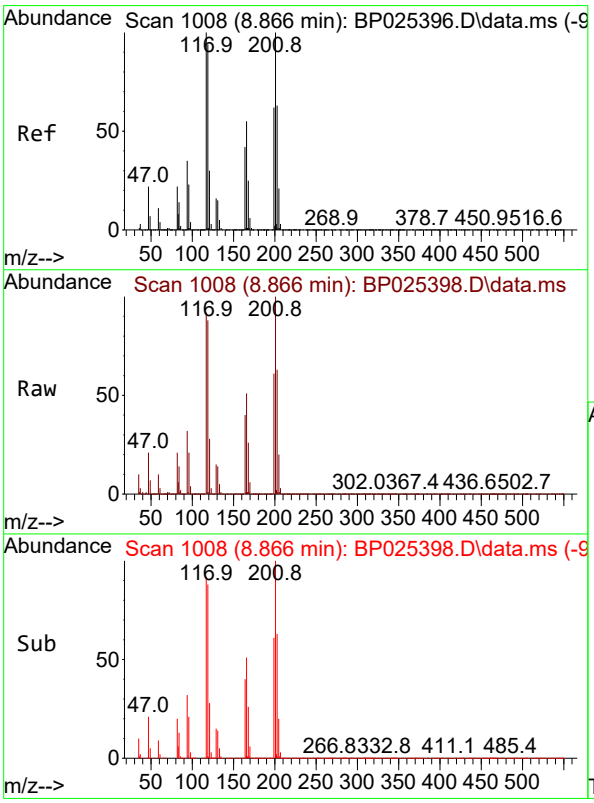
#17
2-Methylphenol
Concen: 63.480 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 579471

Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.4	134.0
77	45.5	36.3	54.5
79	45.3	36.6	54.8

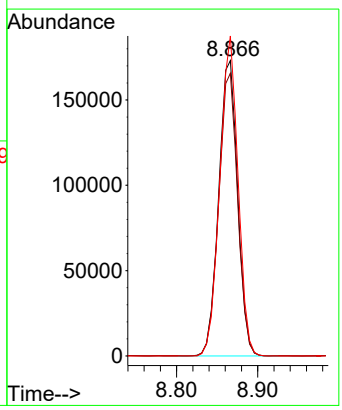


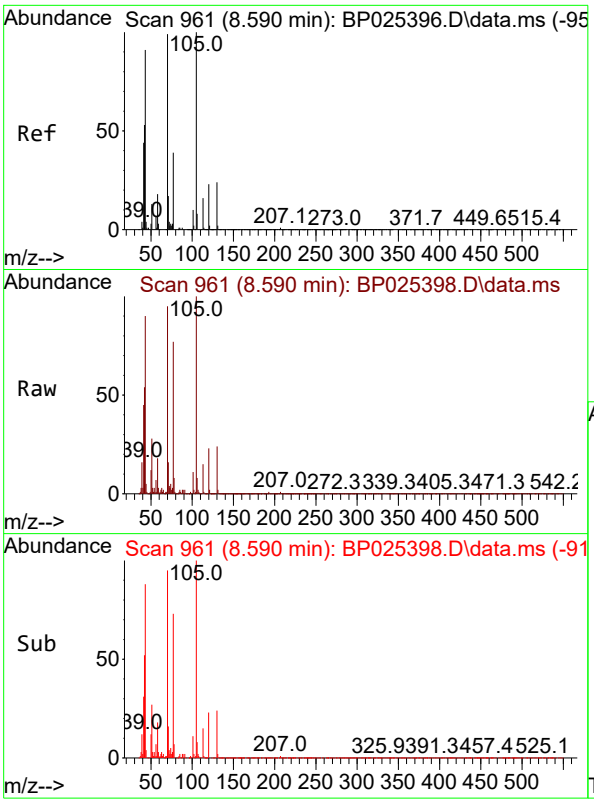


#18
Hexachloroethane
Concen: 61.535 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:117 Resp: 281129

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.1	112.7
201	108.4	80.1	120.1



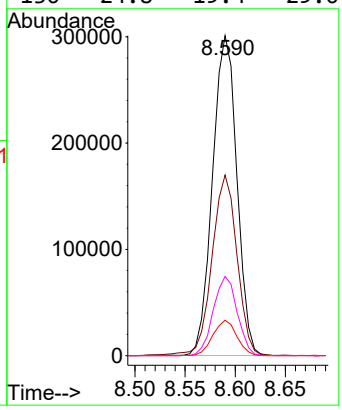


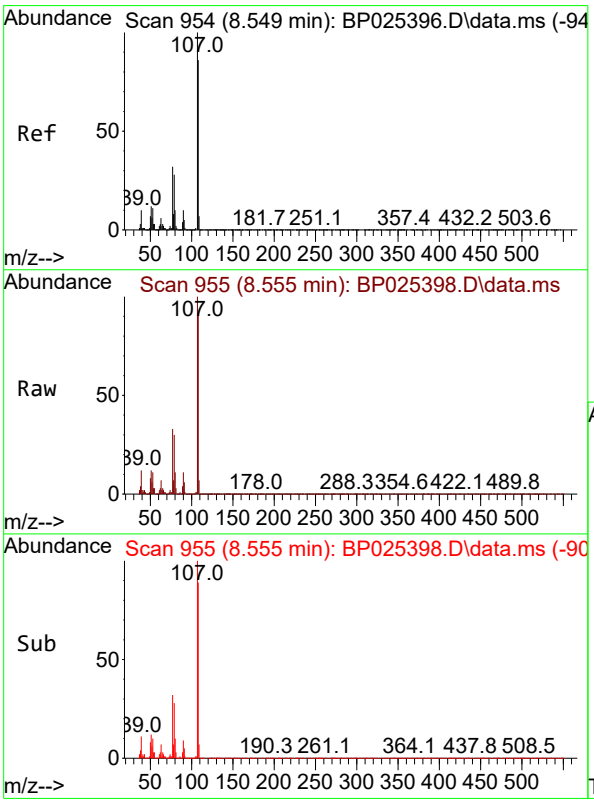
#19
n-Nitroso-di-n-propylamine
Concen: 61.060 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 507223

Ion	Ratio	Lower	Upper
70	100		
42	56.5	43.8	65.6
101	11.1	8.5	12.7
130	24.8	19.4	29.0

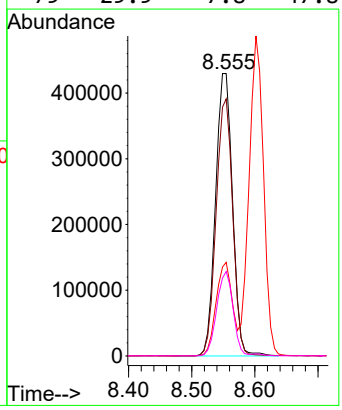


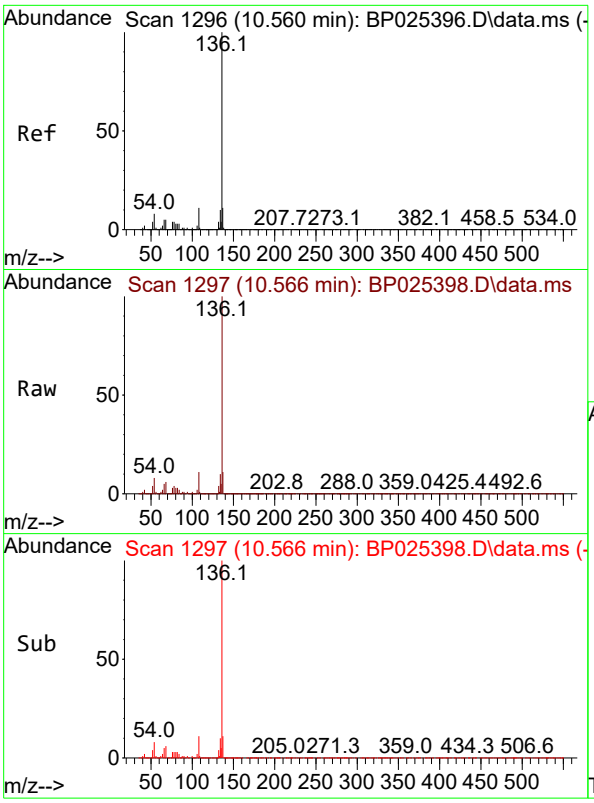


#20
3+4-Methylphenols
Concen: 63.075 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 798107

Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.3	106.3
77	33.1	12.3	52.3
79	29.9	7.8	47.8



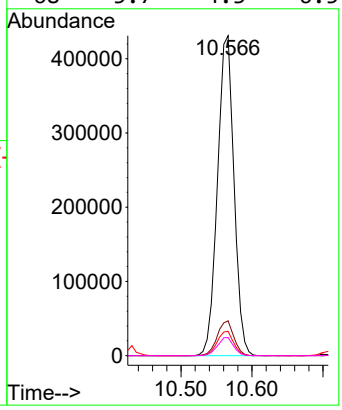


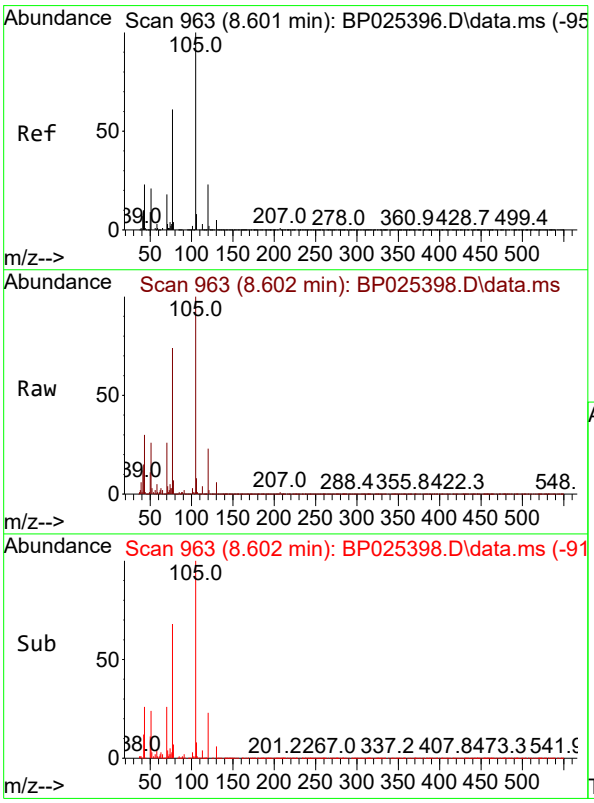
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 693237

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.6	6.0	9.0
68	5.7	4.3	6.5

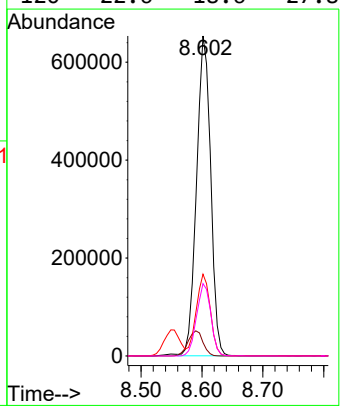


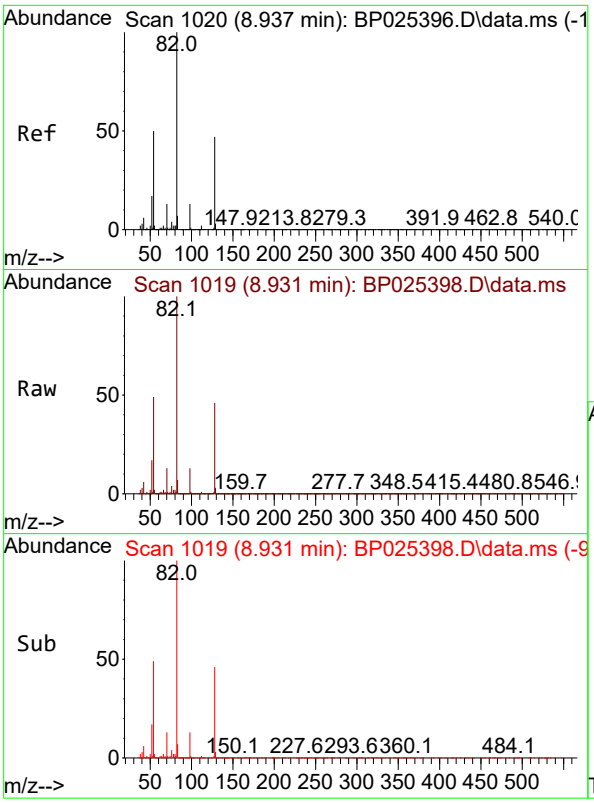


#22
Acetophenone
Concen: 60.503 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:105 Resp: 1051848

Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	4.0#
51	25.5	20.6	30.8
120	22.6	18.6	27.8



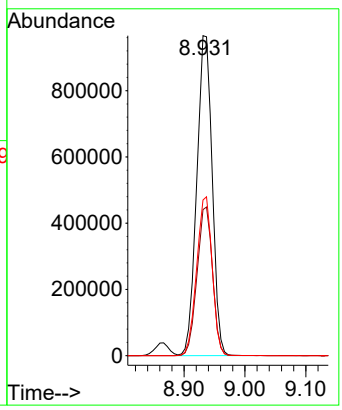


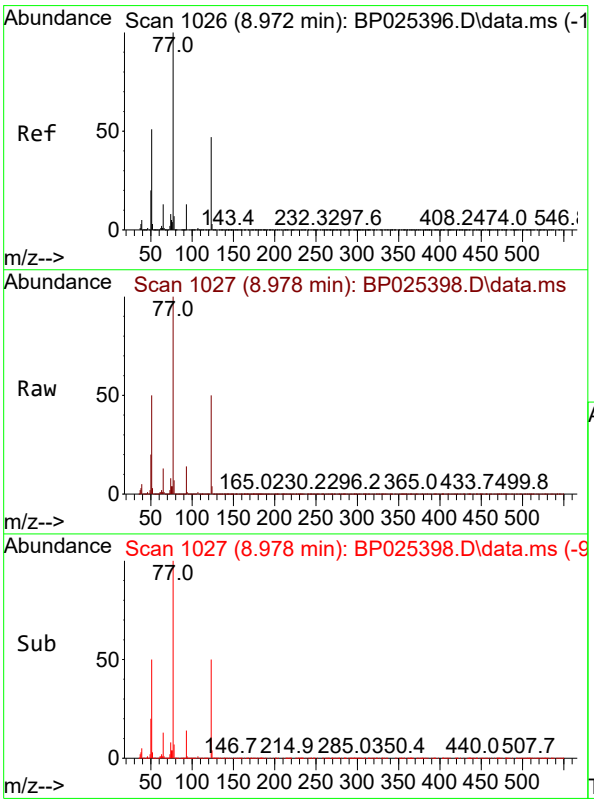
#23
Nitrobenzene-d5
Concen: 123.944 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1698557

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.7	56.5
54	48.6	39.8	59.6

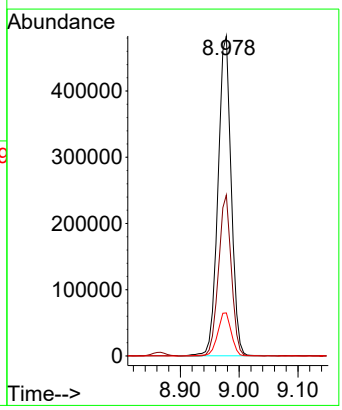


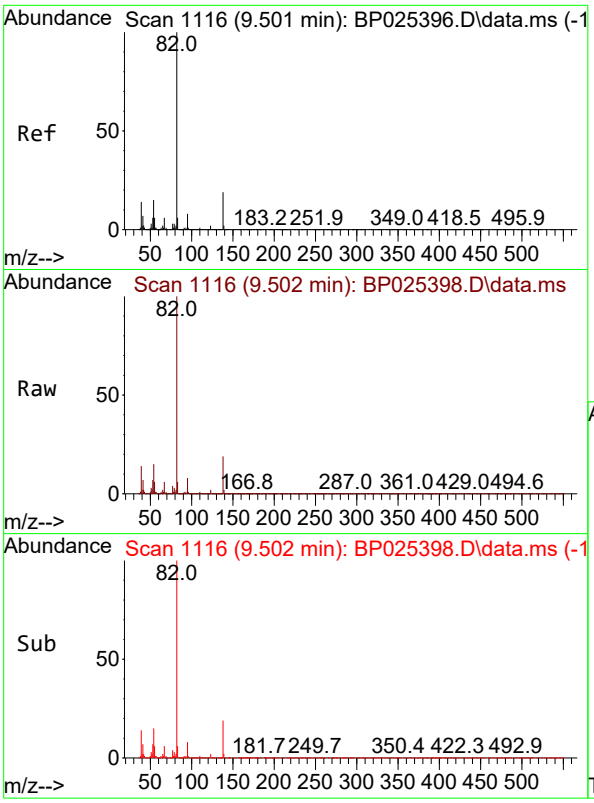


#24
Nitrobenzene
Concen: 61.461 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 77 Resp: 752762

Ion	Ratio	Lower	Upper
77	100		
123	50.3	38.6	58.0
65	13.4	10.6	15.8



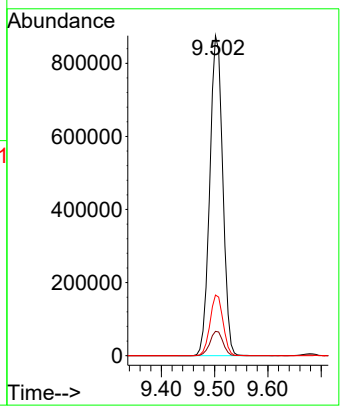


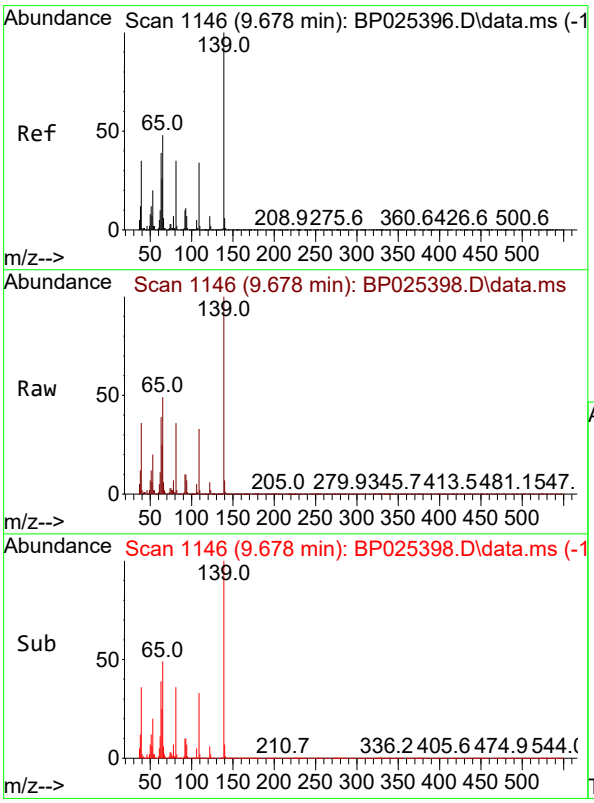
#25
Isophorone
Concen: 60.825 ng
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1475193

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	19.0	15.4	23.0

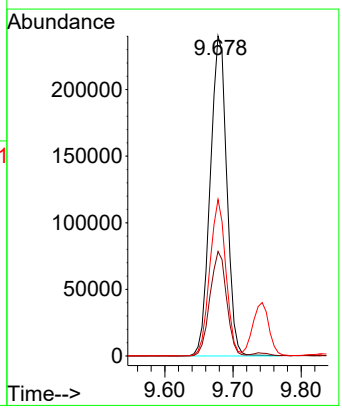


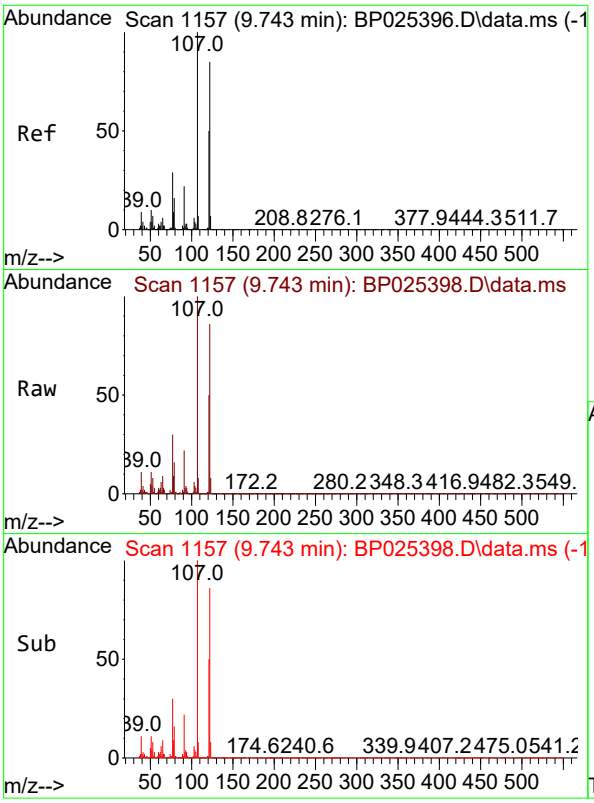


#26
2-Nitrophenol
Concen: 64.564 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:139 Resp: 405821

Ion	Ratio	Lower	Upper
139	100		
109	32.7	26.9	40.3
65	48.9	38.3	57.5



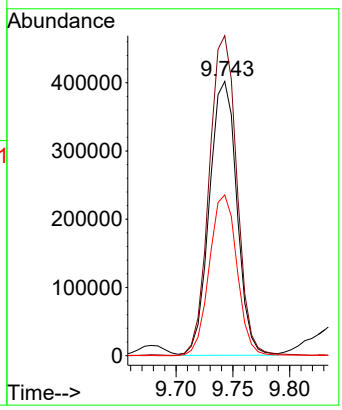


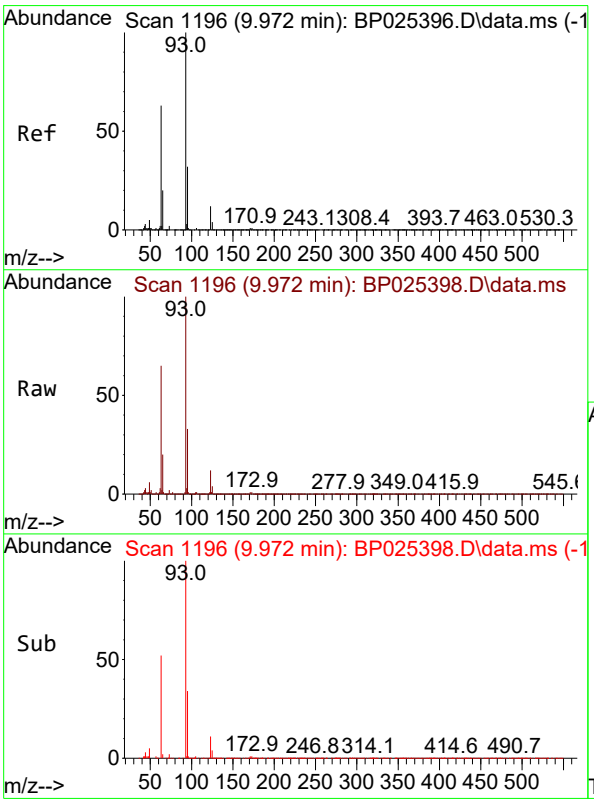
#27
2,4-Dimethylphenol
Concen: 62.463 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 675186

Ion	Ratio	Lower	Upper
122	100		
107	116.7	93.7	140.5
121	58.6	46.6	69.8

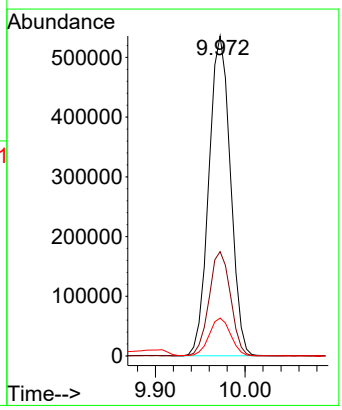


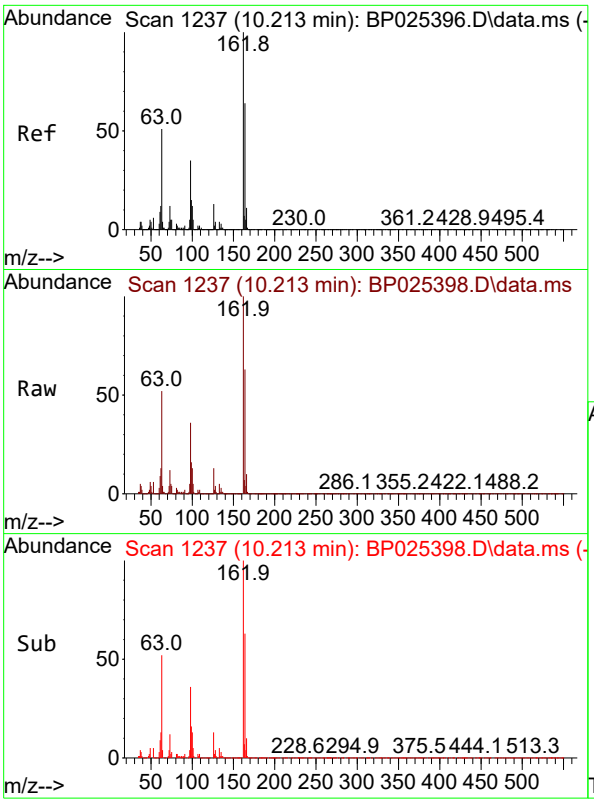


#28
bis(2-Chloroethoxy)methane
Concen: 61.040 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 93 Resp: 894872

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.0
123	11.9	9.4	14.0



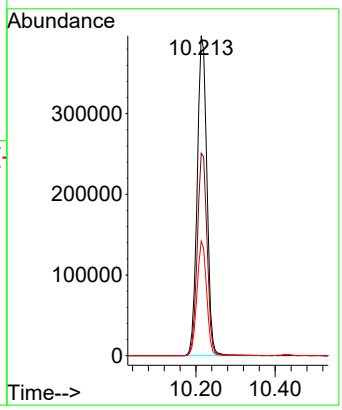


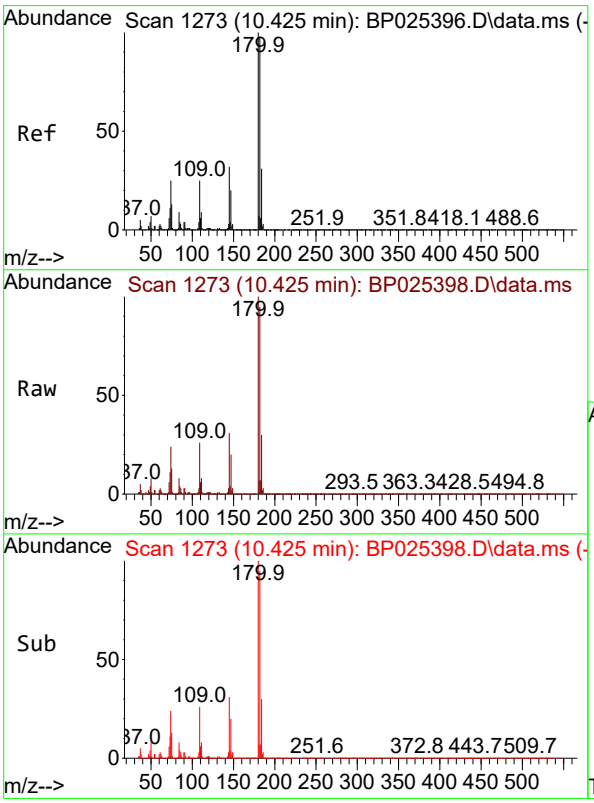
#29
2,4-Dichlorophenol
Concen: 62.764 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 673952

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	35.8	14.9	54.9

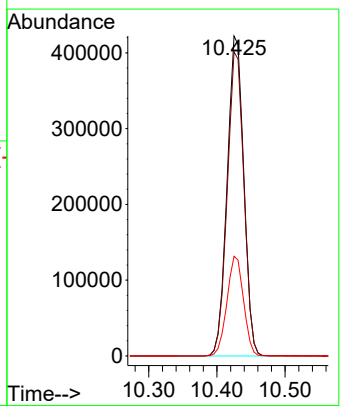


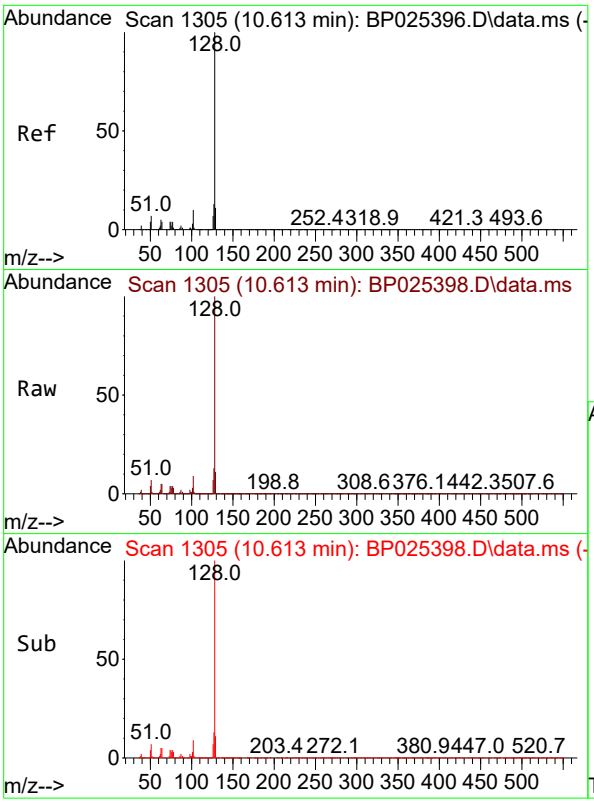


#30
1,2,4-Trichlorobenzene
Concen: 60.823 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:180 Resp: 715954

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	31.2	25.9	38.9



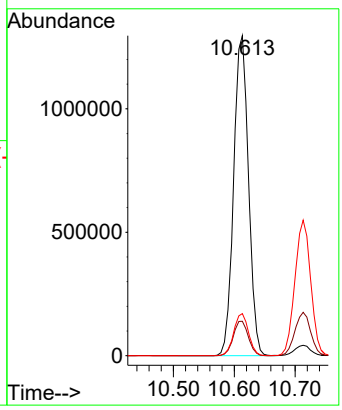


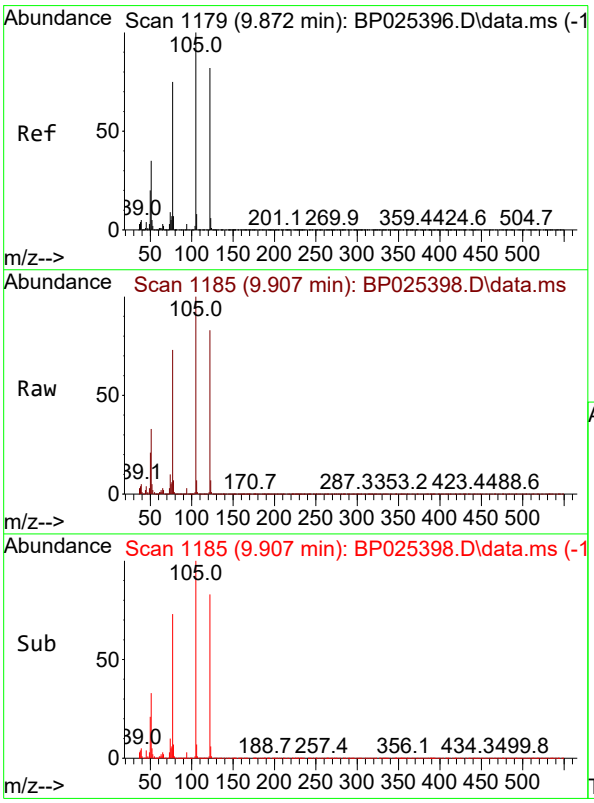
#31
Naphthalene
Concen: 60.722 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 2187912

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.7	16.1

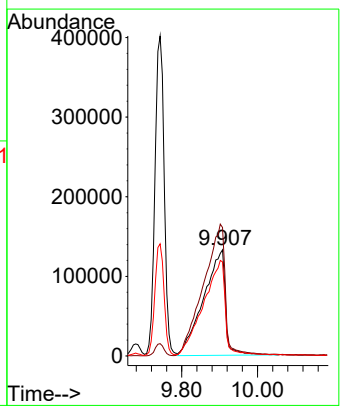


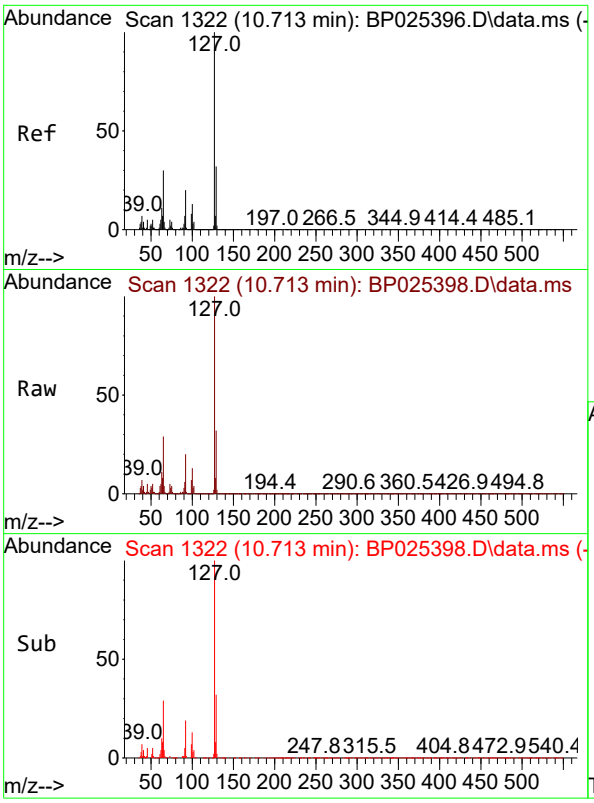


#32
Benzoic acid
Concen: 66.651 ng
RT: 9.907 min Scan# 1185
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:122 Resp: 530609

Ion	Ratio	Lower	Upper
122	100		
105	121.0	100.6	140.6
77	88.6	71.5	111.5



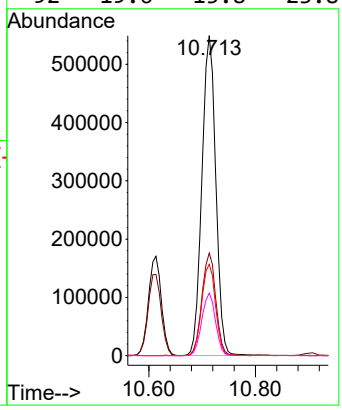


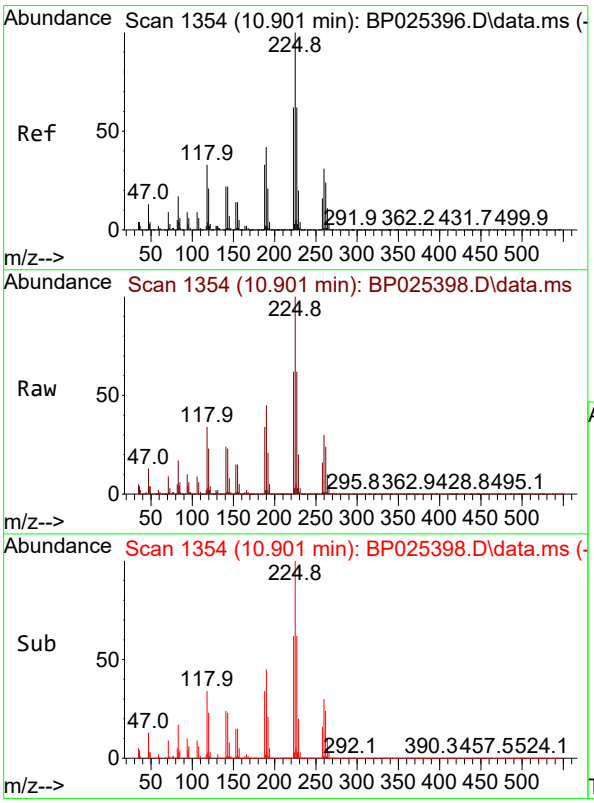
#33
4-Chloroaniline
Concen: 62.401 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 993155

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	28.5	23.8	35.6
92	19.6	15.8	23.8

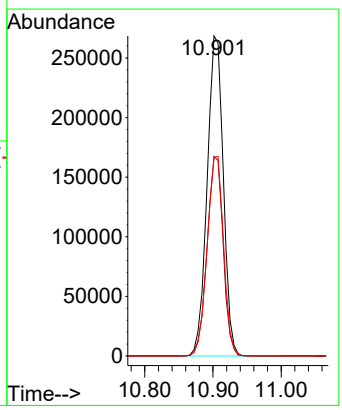


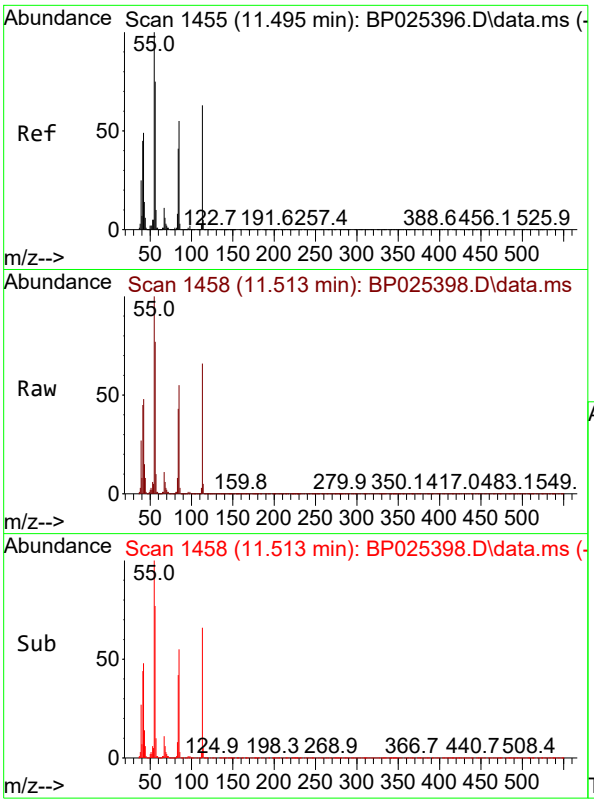


#34
Hexachlorobutadiene
Concen: 60.421 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:225 Resp: 442929

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	62.1	49.7	74.5



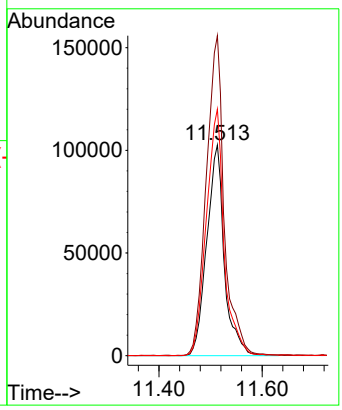


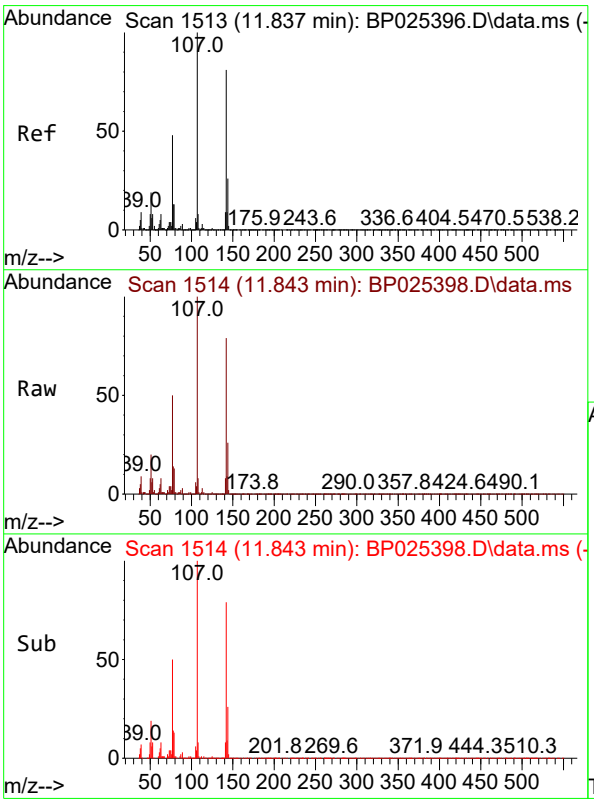
#35
Caprolactam
Concen: 61.340 ng
RT: 11.513 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 241521

Ion	Ratio	Lower	Upper
113	100		
55	151.8	140.0	180.0
56	117.0	100.0	140.0

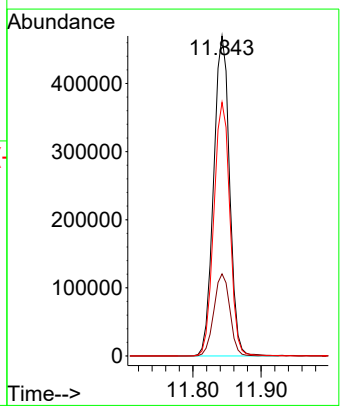


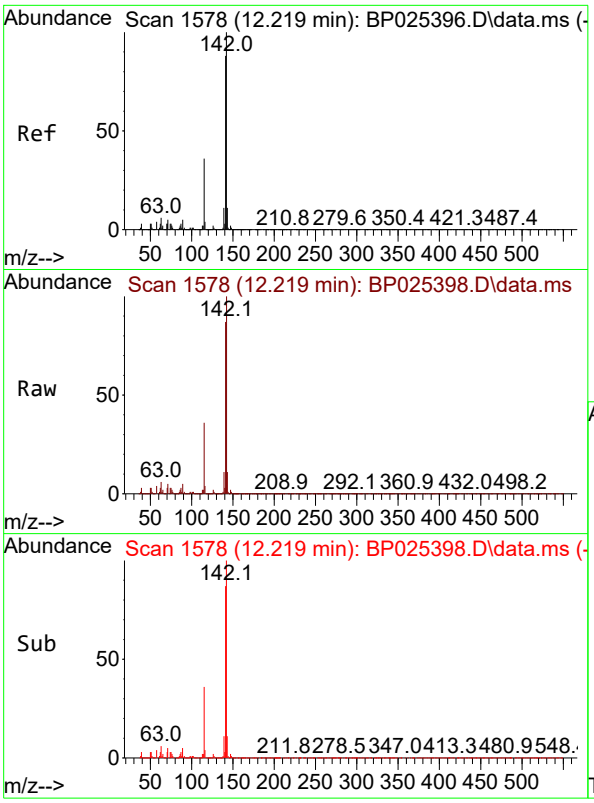


#36
4-Chloro-3-methylphenol
Concen: 62.033 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 764338

Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.4
142	79.2	64.6	97.0



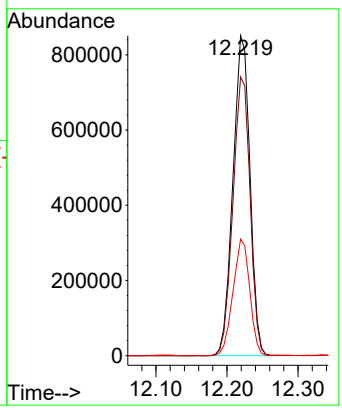


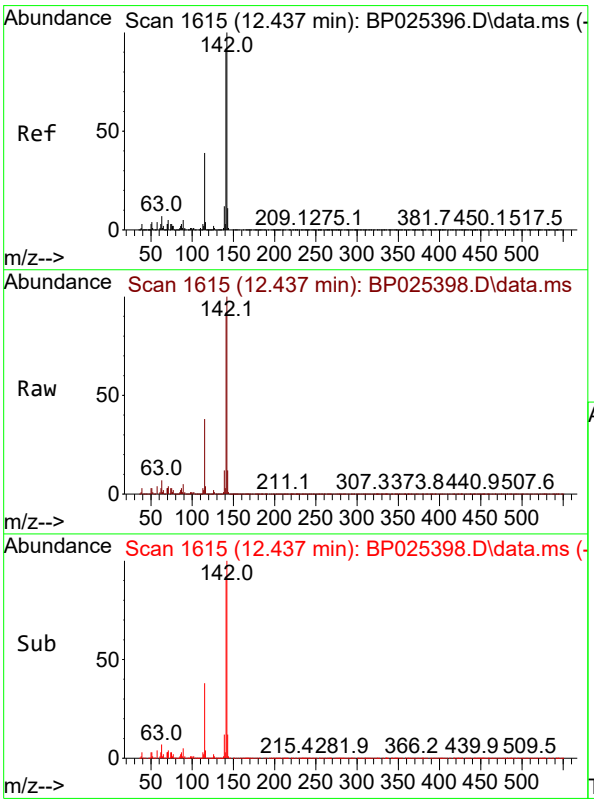
#37
2-Methylnaphthalene
Concen: 60.511 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1418882

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.3	105.5
115	36.5	28.9	43.3

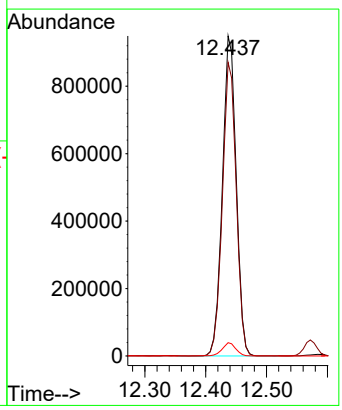


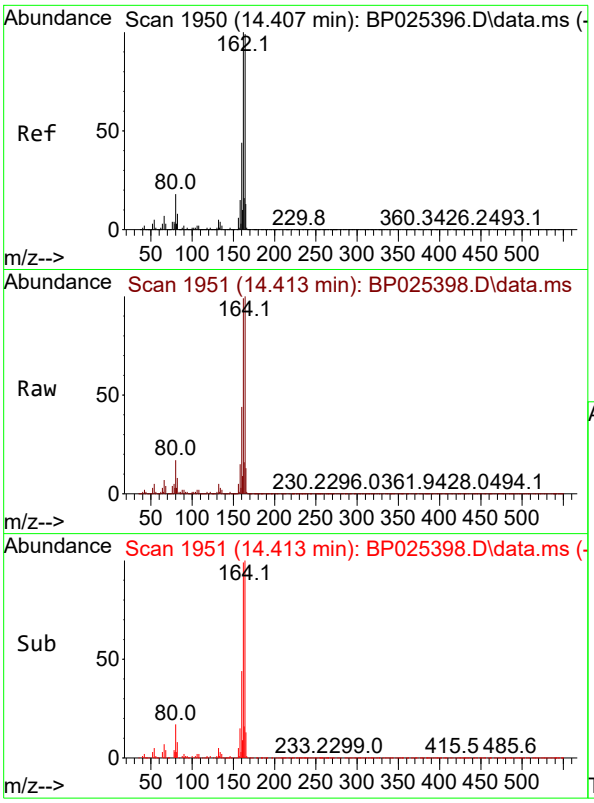


#38
1-Methylnaphthalene
Concen: 59.925 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:142 Resp: 1494304

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.1	109.7
116	4.1	3.2	4.8



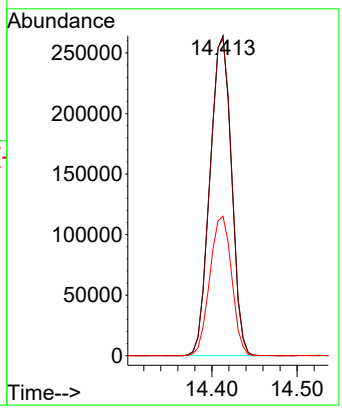


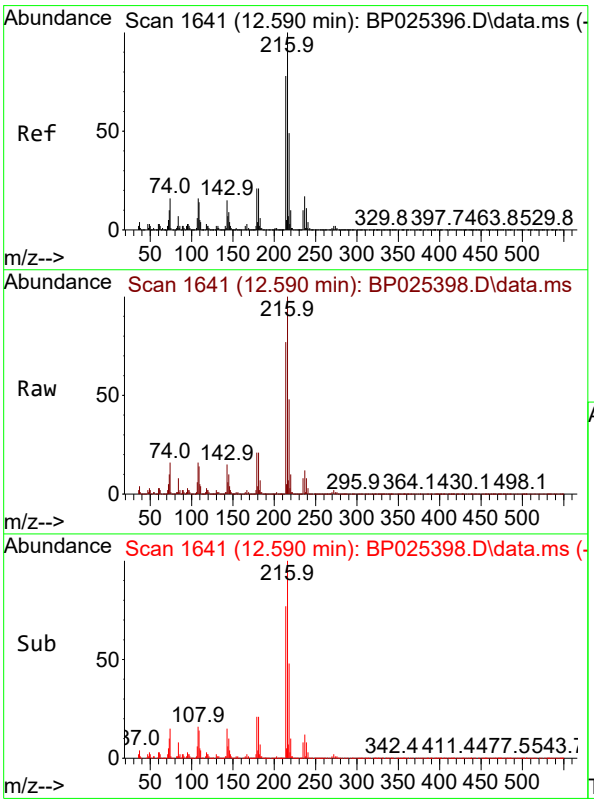
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 460439

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.0	121.6
160	43.6	35.4	53.2

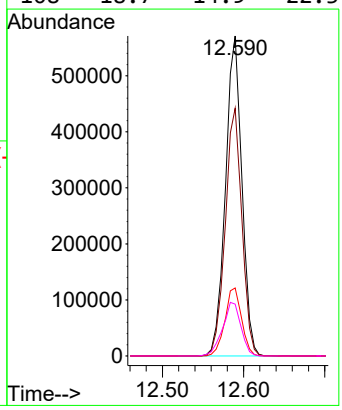


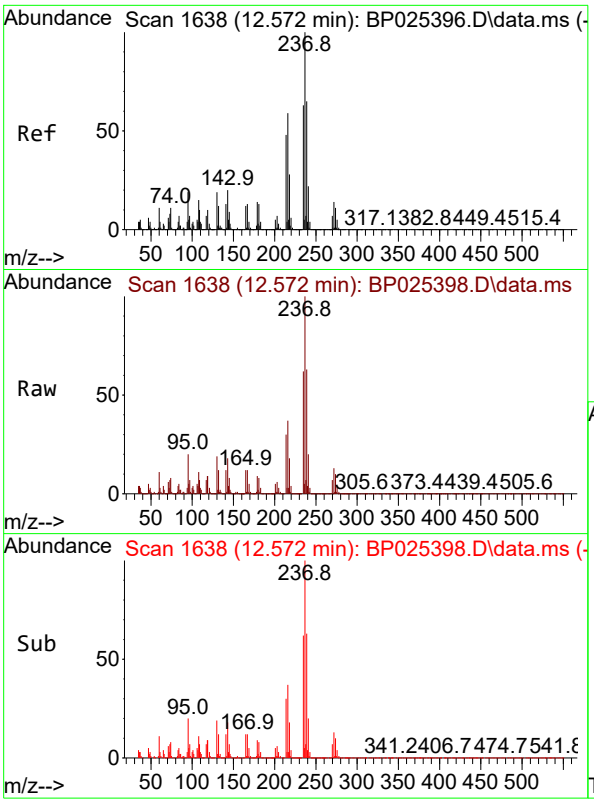


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.365 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:216 Resp: 802737

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.6	17.1	25.7
108	18.7	14.9	22.3



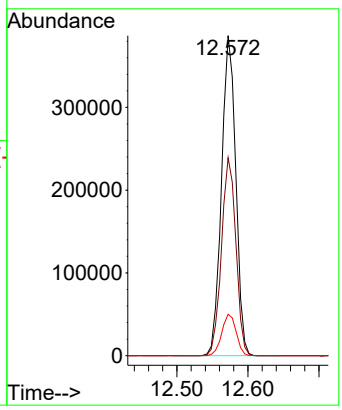


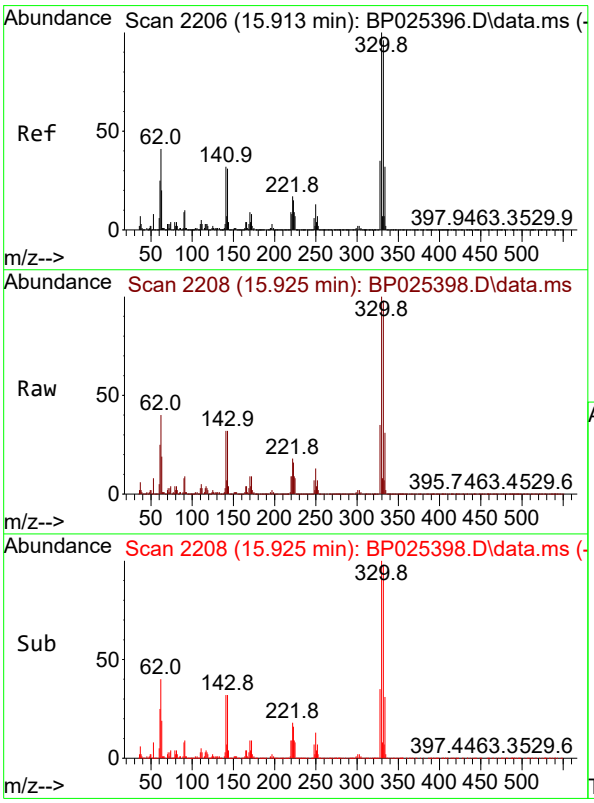
#41
Hexachlorocyclopentadiene
Concen: 66.784 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 536440

Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.7	82.7
272	13.0	0.0	34.0

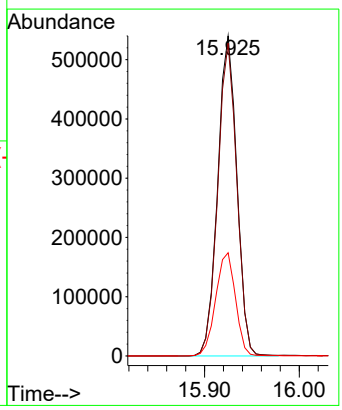


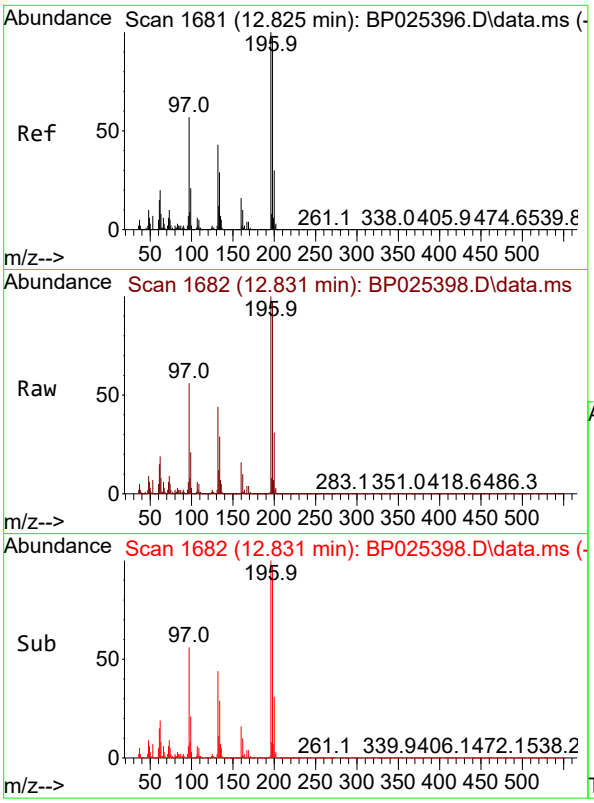


#42
2,4,6-Tribromophenol
Concen: 122.748 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:330 Resp: 760738

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	33.3	26.6	39.8



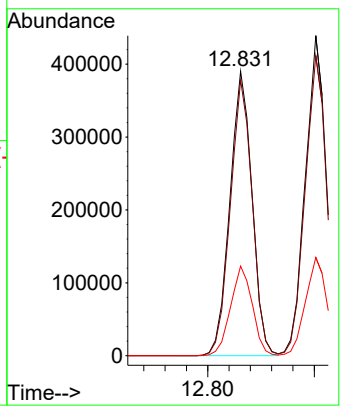


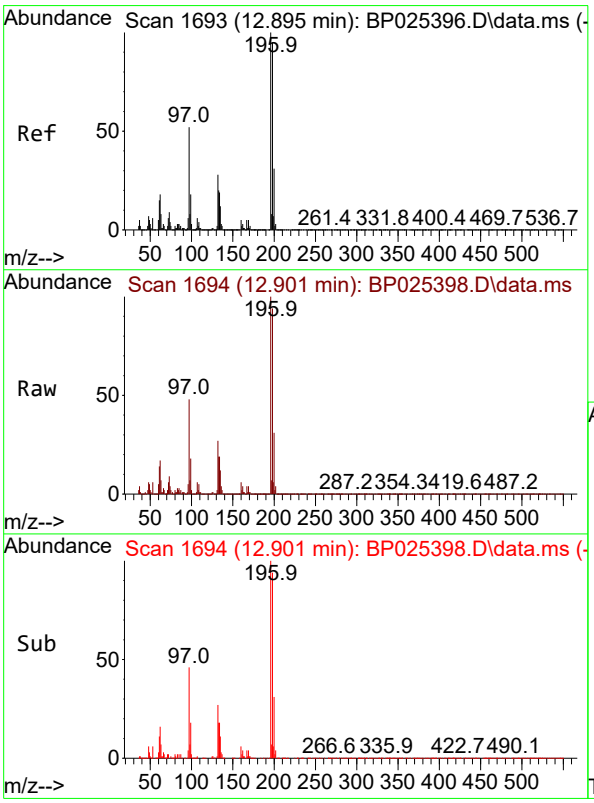
#43
2,4,6-Trichlorophenol
Concen: 62.841 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 564165

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.2	115.8
200	31.5	23.9	35.9

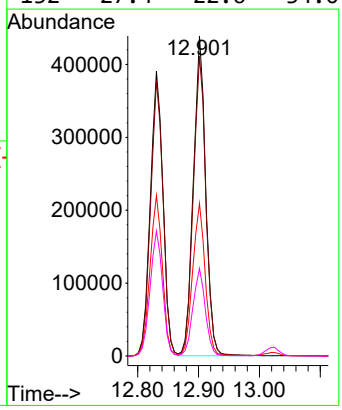


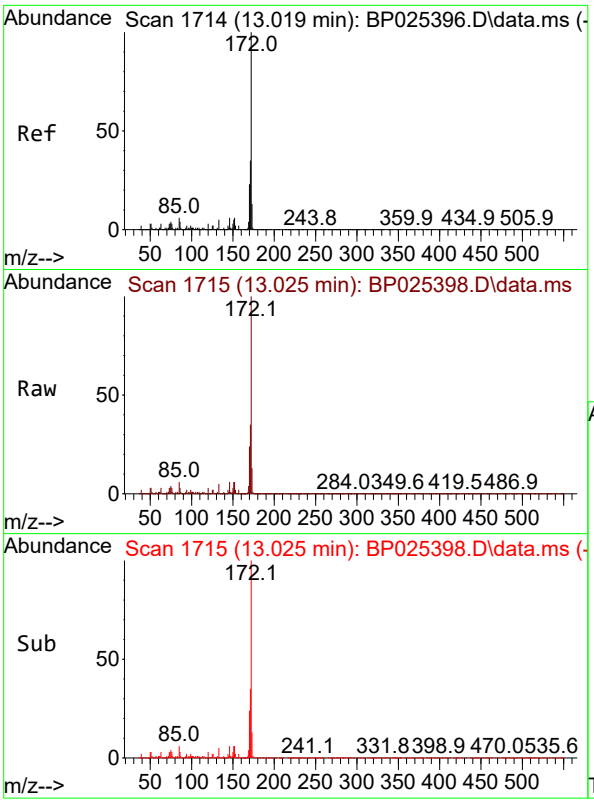


#44
2,4,5-Trichlorophenol
Concen: 62.937 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:196 Resp: 619246

Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.2	114.2
97	47.7	41.2	61.8
132	27.4	22.6	34.0



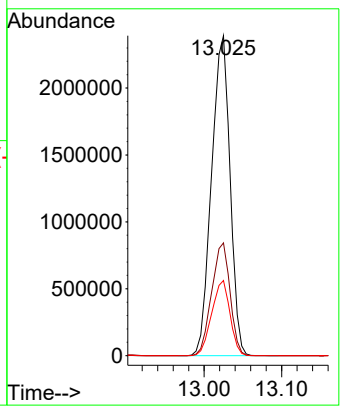


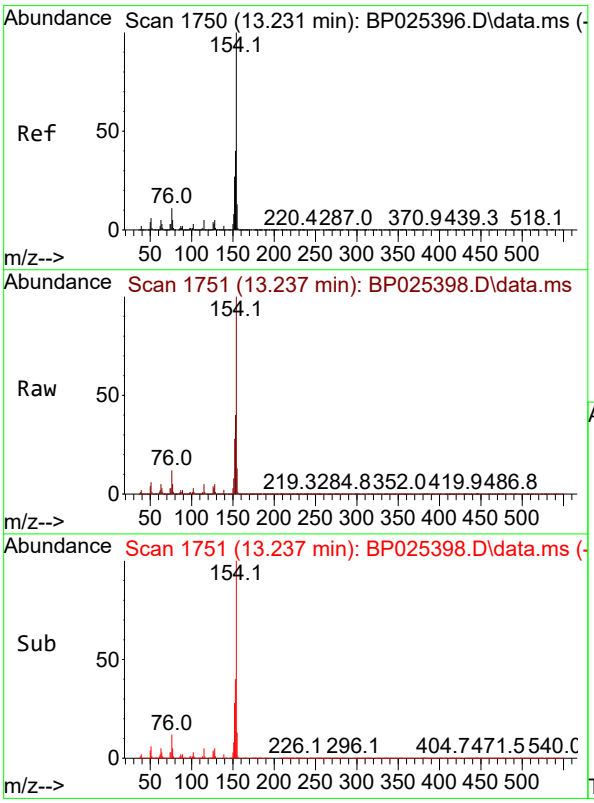
#45
2-Fluorobiphenyl
Concen: 117.656 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 3963871

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.5	18.6	28.0

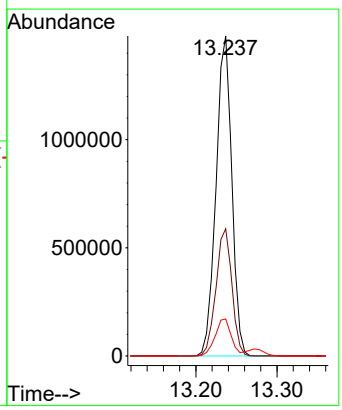


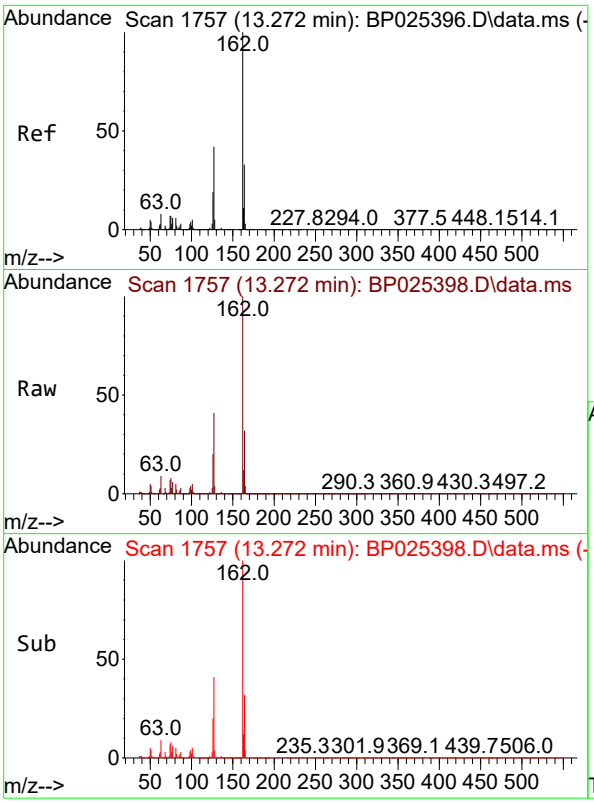


#46
1,1'-Biphenyl
Concen: 59.695 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1996186

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.5	59.5
76	11.6	0.0	31.1



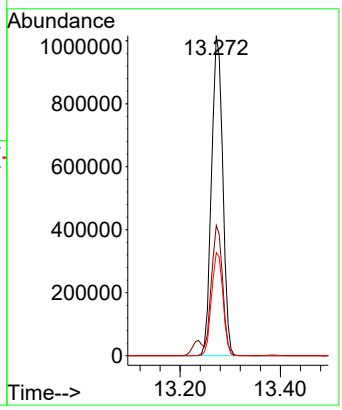


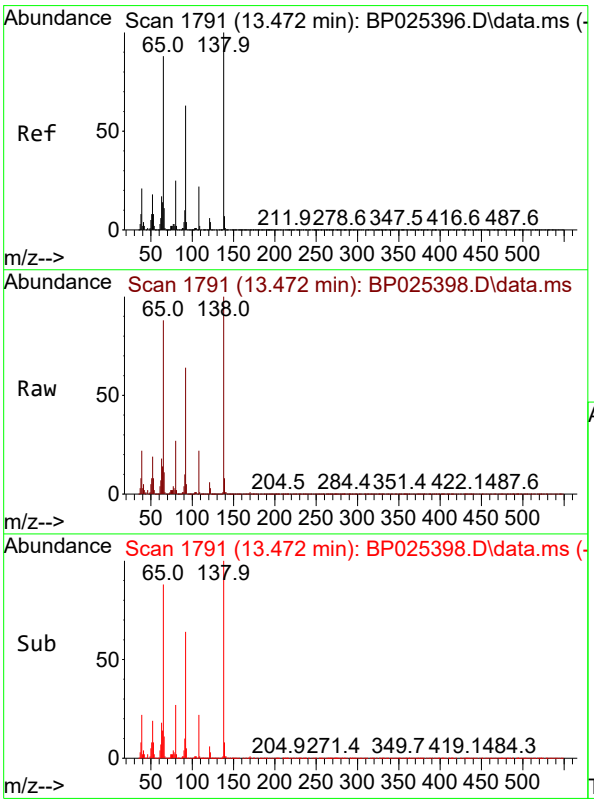
#47
2-Chloronaphthalene
Concen: 60.600 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1577577

Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.4	50.2
164	32.2	26.2	39.2

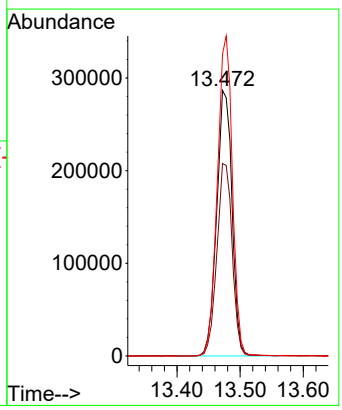


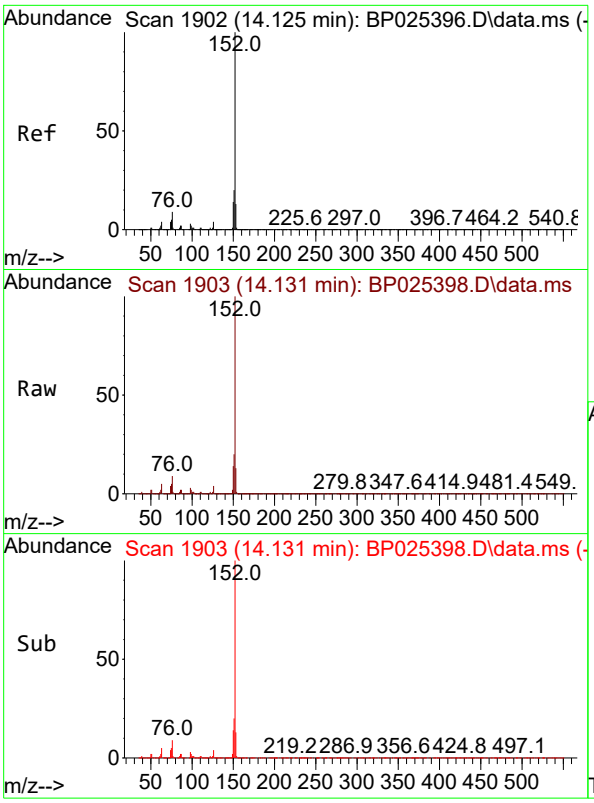


#48
2-Nitroaniline
Concen: 63.996 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 65 Resp: 485429

Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.6	86.4
138	113.7	91.0	136.6



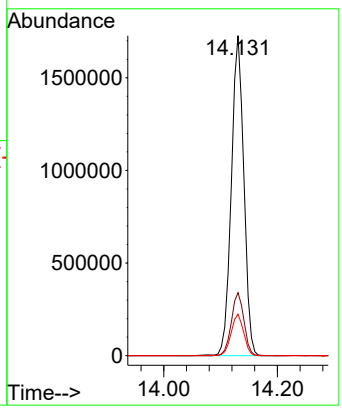


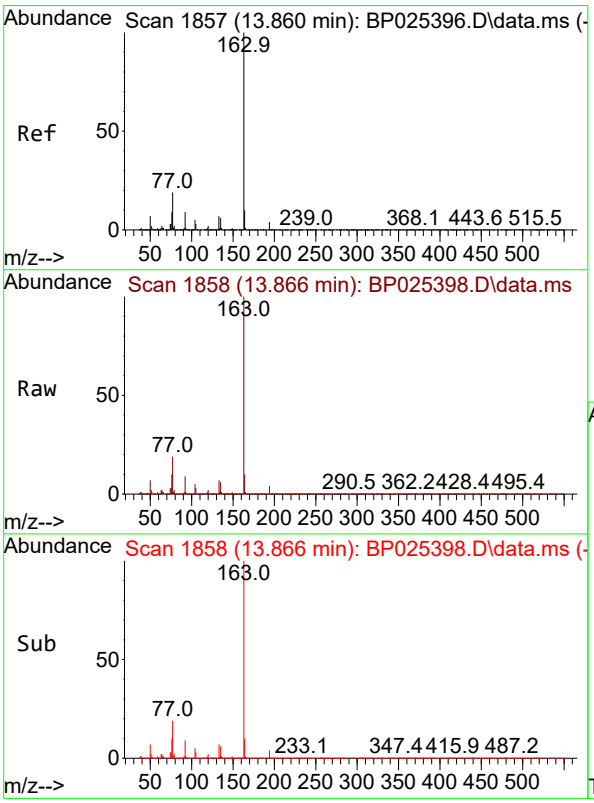
#49
Acenaphthylene
Concen: 61.147 ng
RT: 14.131 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 2634005

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.0	10.6	15.8

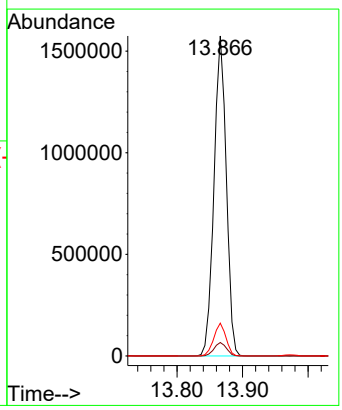


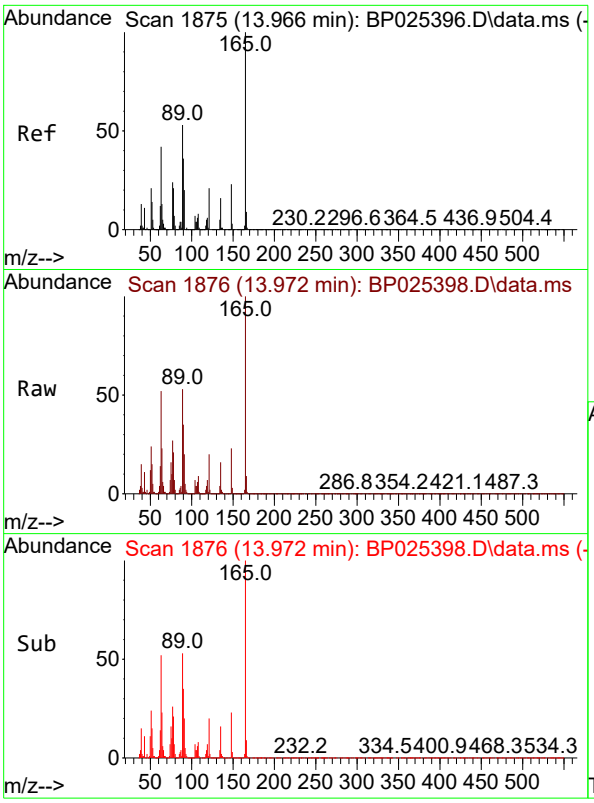


#50
Dimethylphthalate
Concen: 60.572 ng
RT: 13.866 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:163 Resp: 2042324

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	7.9	11.9



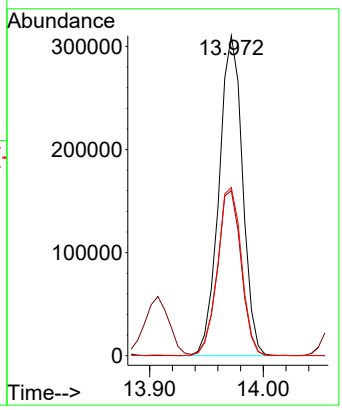


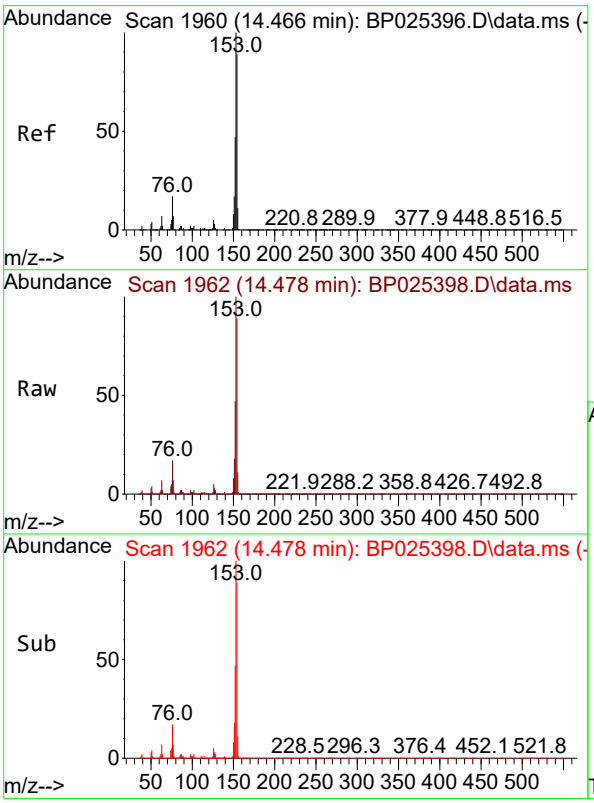
#51
2,6-Dinitrotoluene
Concen: 62.831 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 446520

Ion	Ratio	Lower	Upper
165	100		
63	51.6	40.9	61.3
89	52.5	42.1	63.1

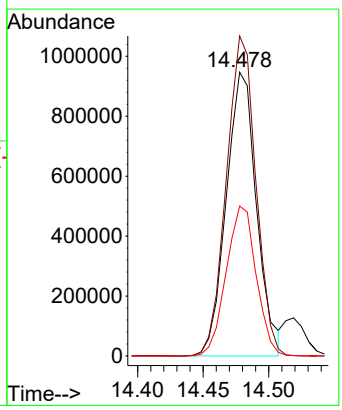


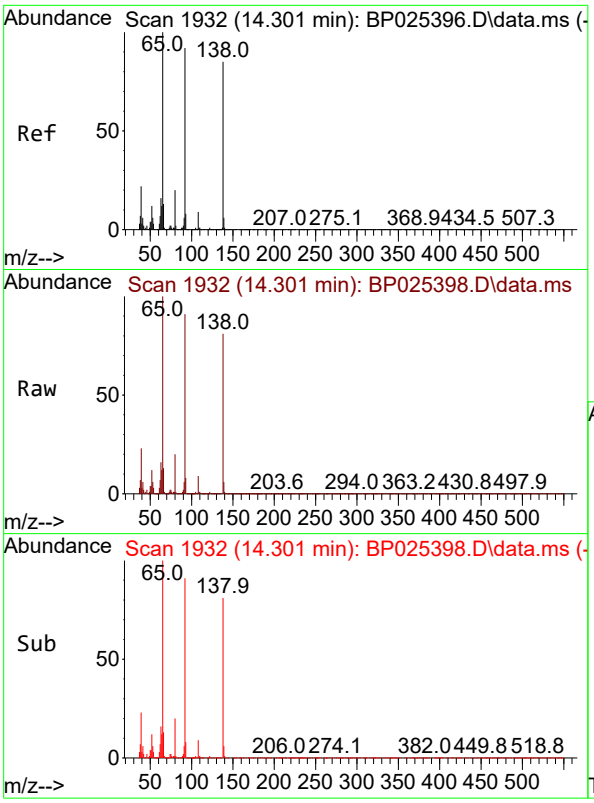


#52
Acenaphthene
Concen: 60.399 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1527191

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	52.8	42.1	63.1



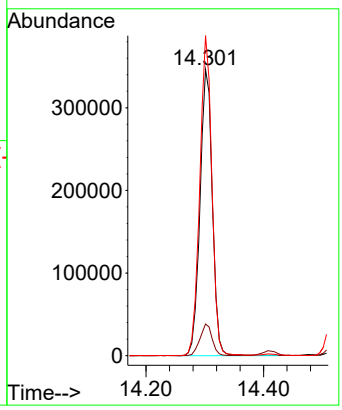


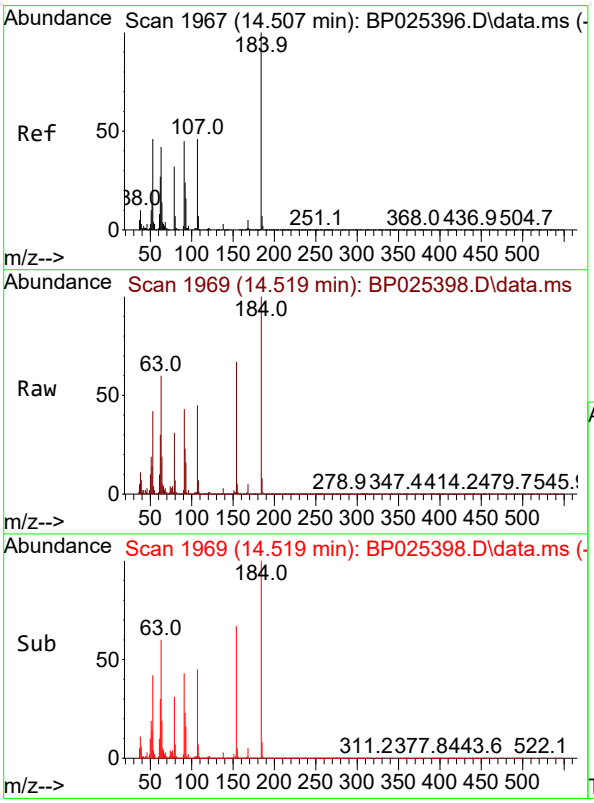
#53
3-Nitroaniline
Concen: 63.331 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 506373

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.3	12.5
92	111.9	86.2	129.2

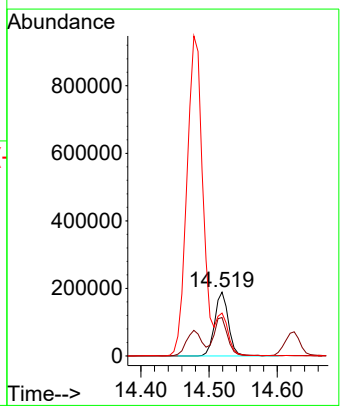


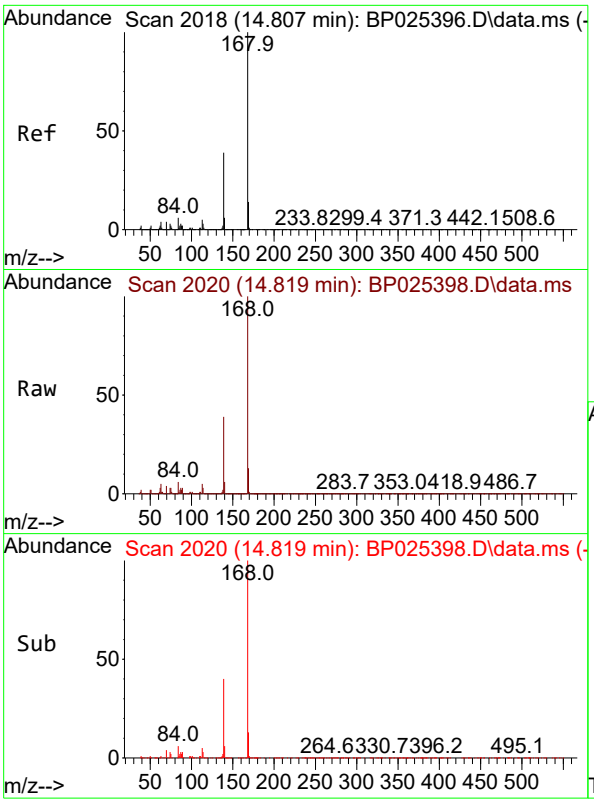


#54
2,4-Dinitrophenol
Concen: 69.849 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:184 Resp: 265089

Ion	Ratio	Lower	Upper
184	100		
63	60.1	49.4	74.2
154	67.3	54.6	82.0



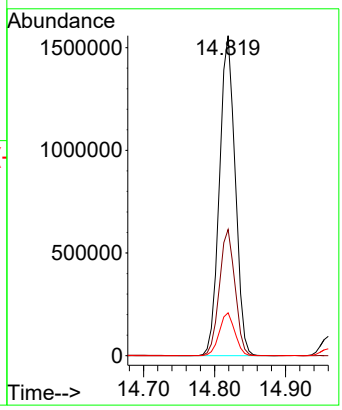


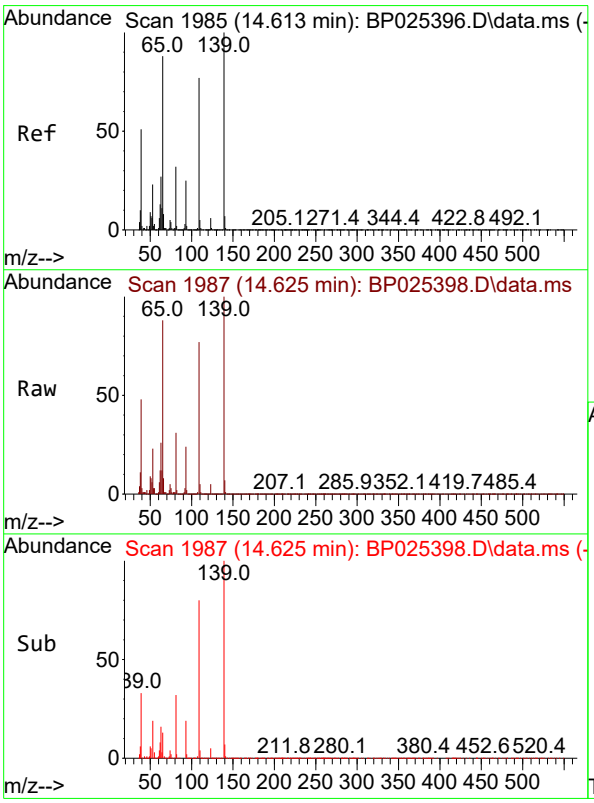
#55
Dibenzofuran
Concen: 59.734 ng
RT: 14.819 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 2387933

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.5	47.3
169	13.4	10.9	16.3

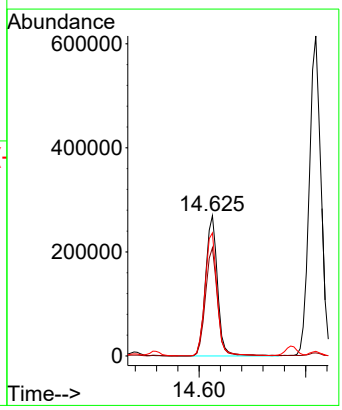


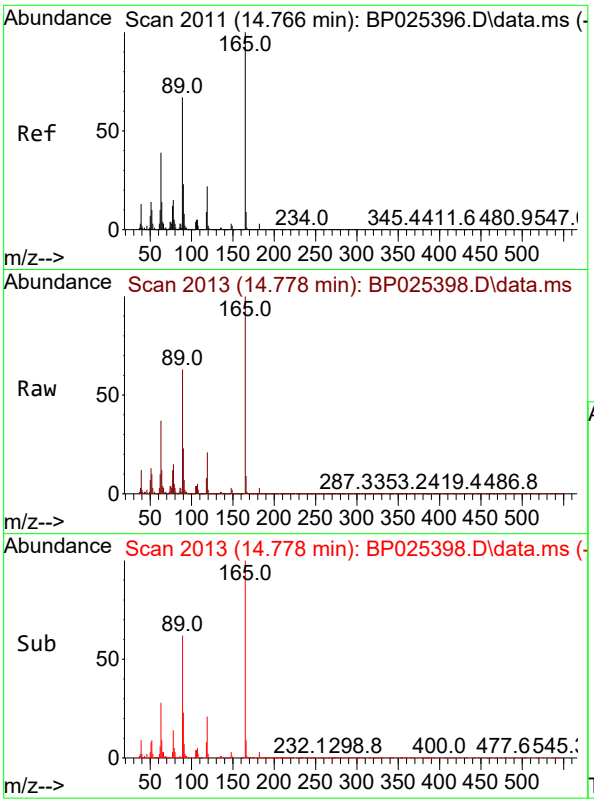


#56
4-Nitrophenol
Concen: 63.893 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:139 Resp: 419801

Ion	Ratio	Lower	Upper
139	100		
109	77.0	56.6	96.6
65	87.6	68.2	108.2



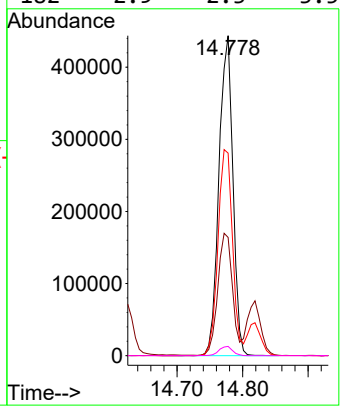


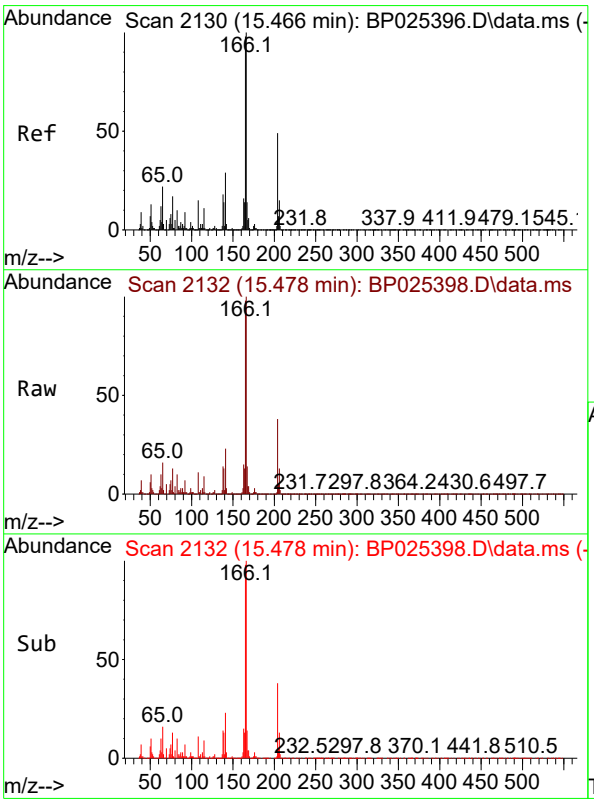
#57
2,4-Dinitrotoluene
Concen: 64.112 ng
RT: 14.778 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 650054

Ion	Ratio	Lower	Upper
165	100		
63	37.0	31.4	47.2
89	63.3	53.3	79.9
182	2.9	2.3	3.5

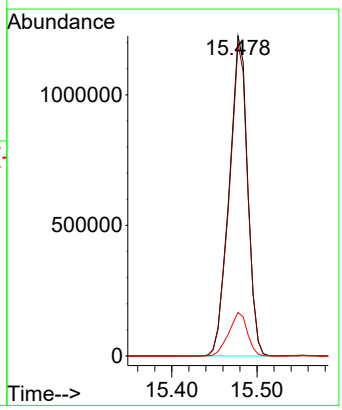


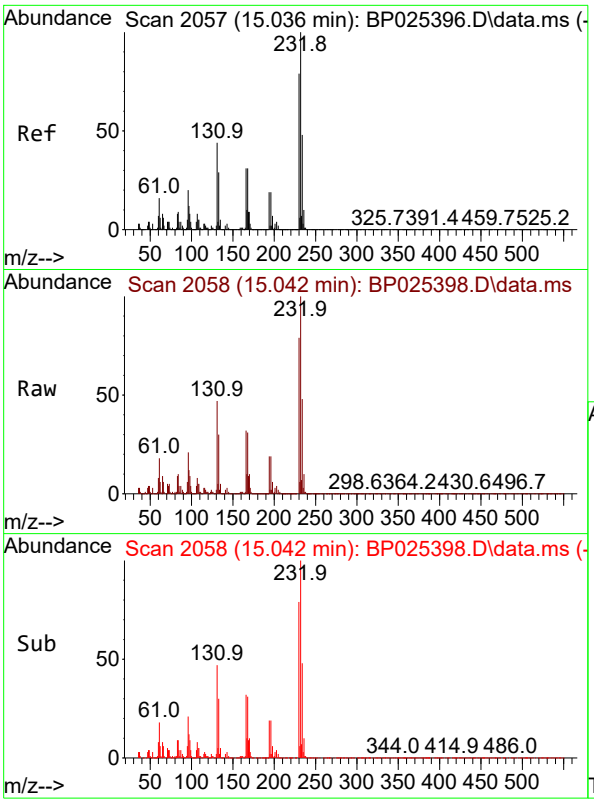


#58
Fluorene
Concen: 58.236 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:166 Resp: 1836972

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	13.6	11.0	16.4



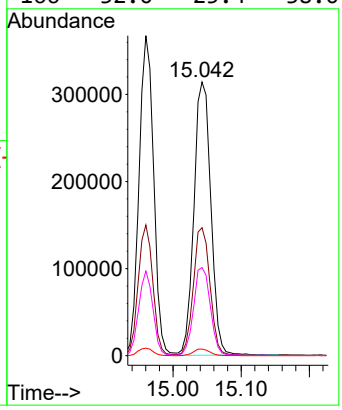


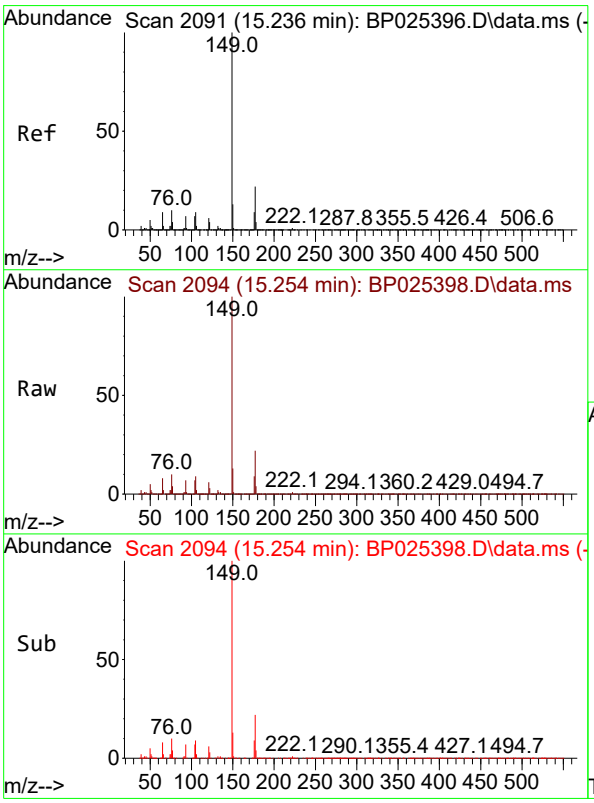
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.307 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 541317

Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.0	55.6
130	2.4	1.9	2.9
166	32.0	25.4	38.0

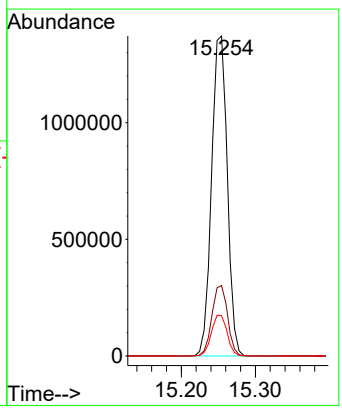


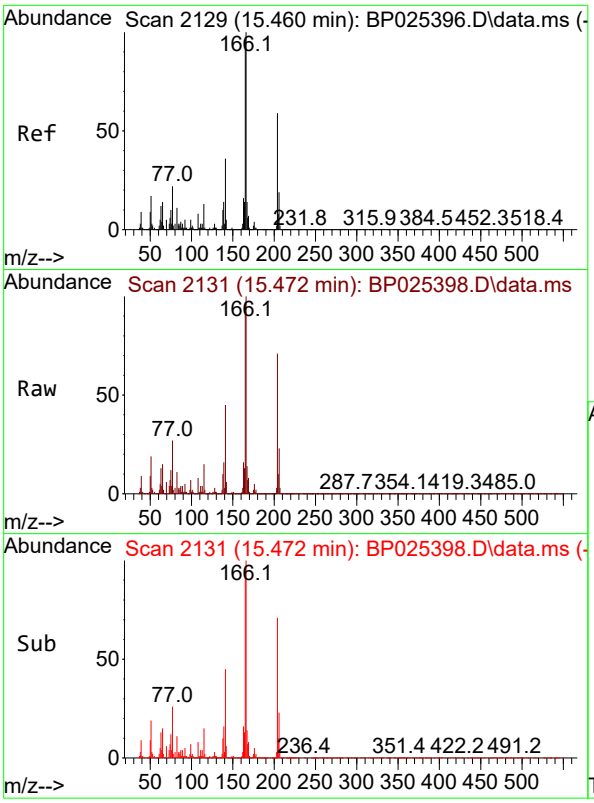


#60
Diethylphthalate
Concen: 58.840 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 2015888

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.6	10.3	15.5



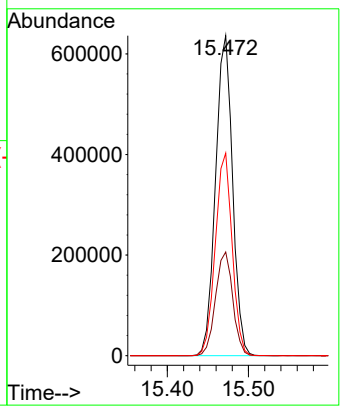


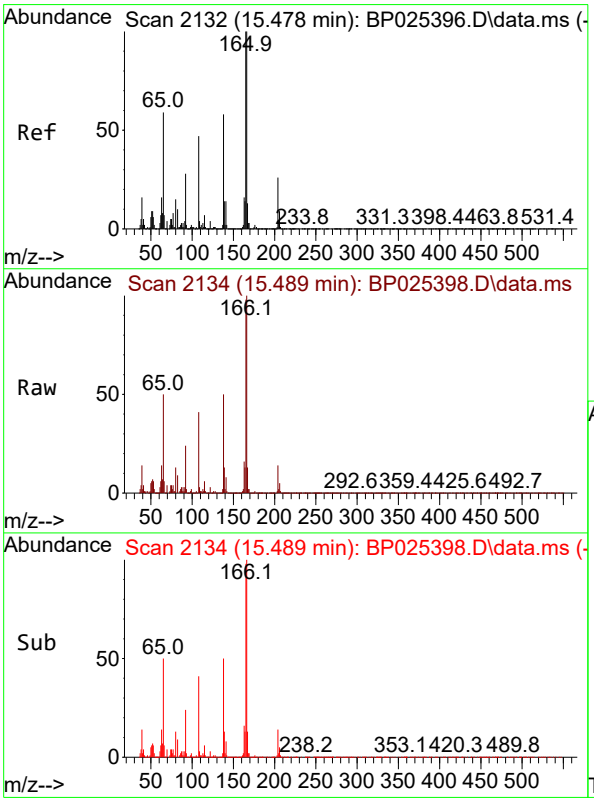
#61
4-Chlorophenyl-phenylether
Concen: 59.044 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 926280

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	63.3	49.4	74.2

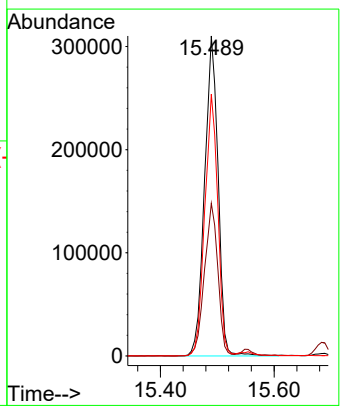


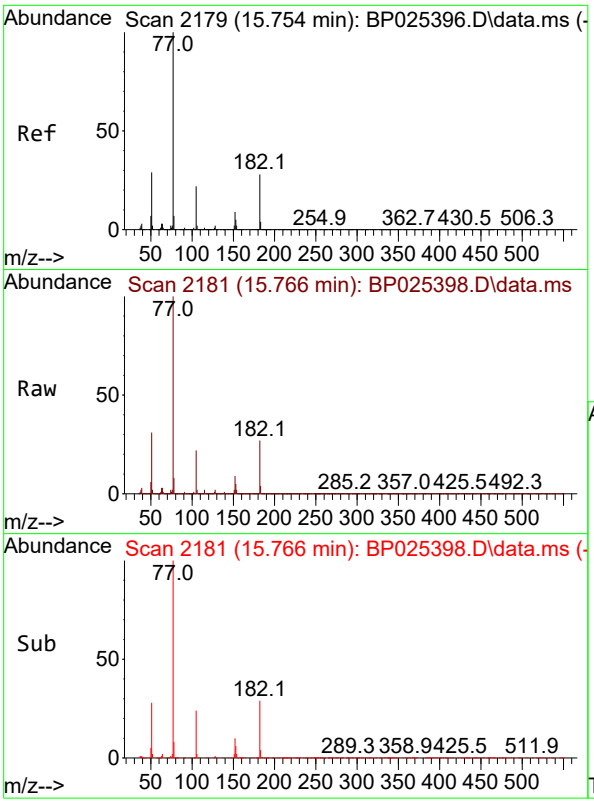


#62
4-Nitroaniline
Concen: 62.272 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:138 Resp: 510438

Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.1	69.1
108	81.8	61.5	101.5



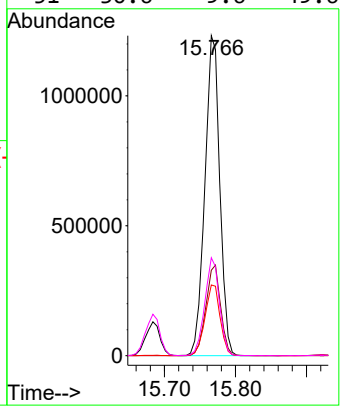


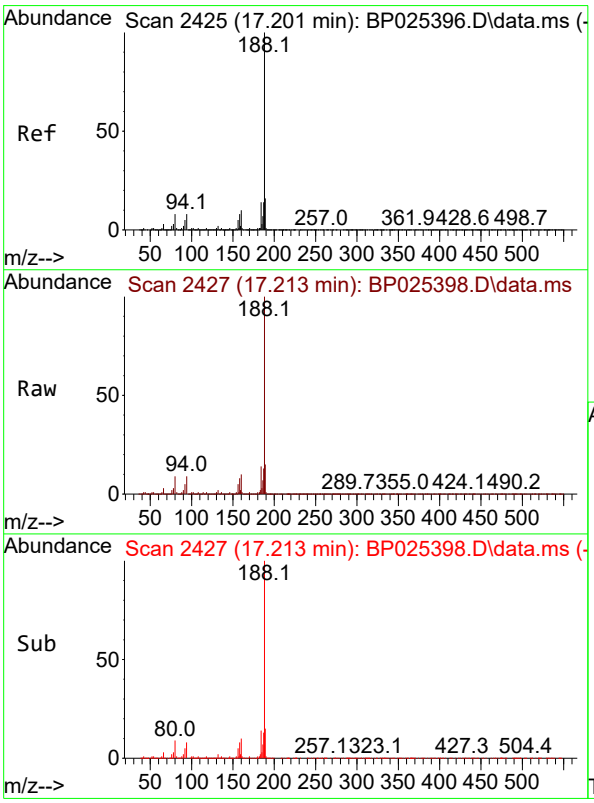
#63
Azobenzene
Concen: 61.242 ng
RT: 15.766 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1796580

Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.5	47.5
105	22.1	2.1	42.1
51	30.6	9.6	49.6

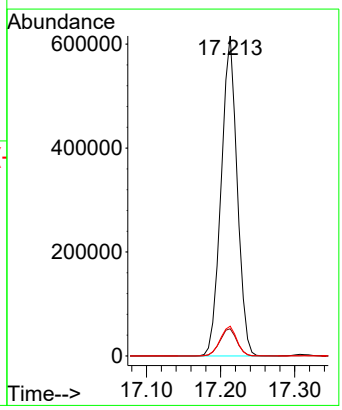


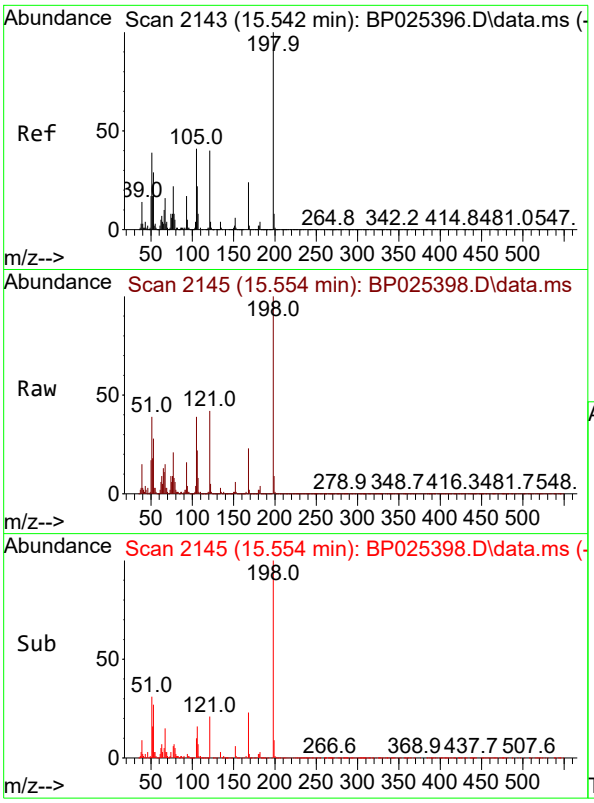


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:188 Resp: 923402

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.3	6.7	10.1



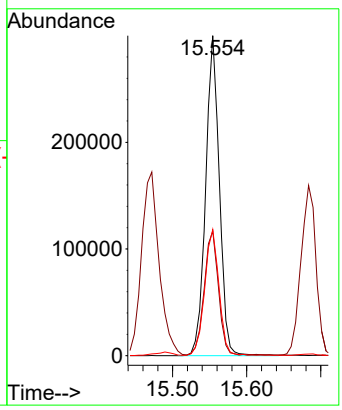


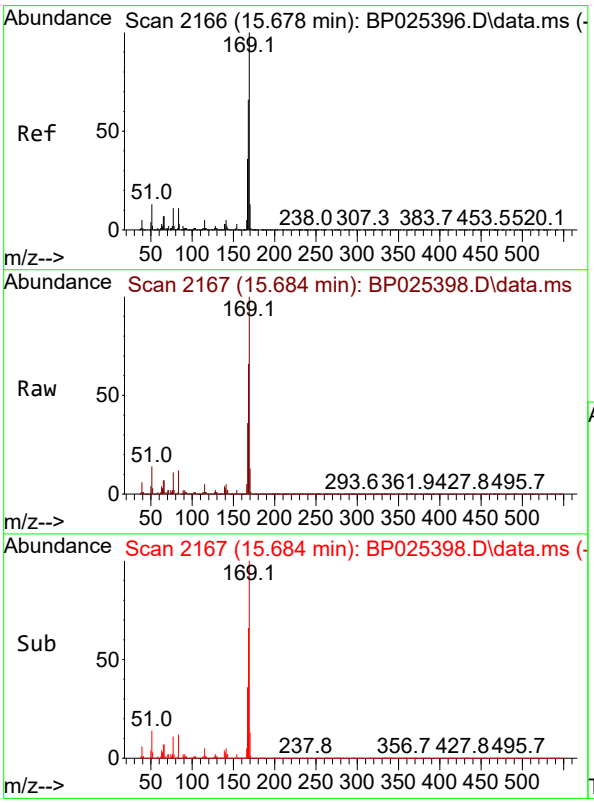
#65
4,6-Dinitro-2-methylphenol
Concen: 67.038 ng
RT: 15.554 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 385873

Ion	Ratio	Lower	Upper
198	100		
51	38.9	19.6	59.6
105	39.4	20.9	60.9

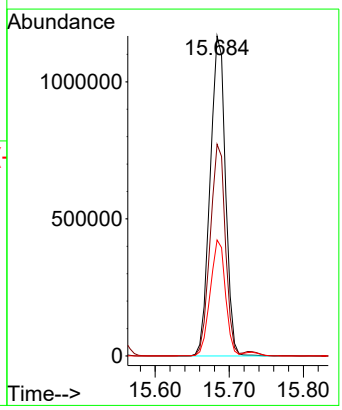


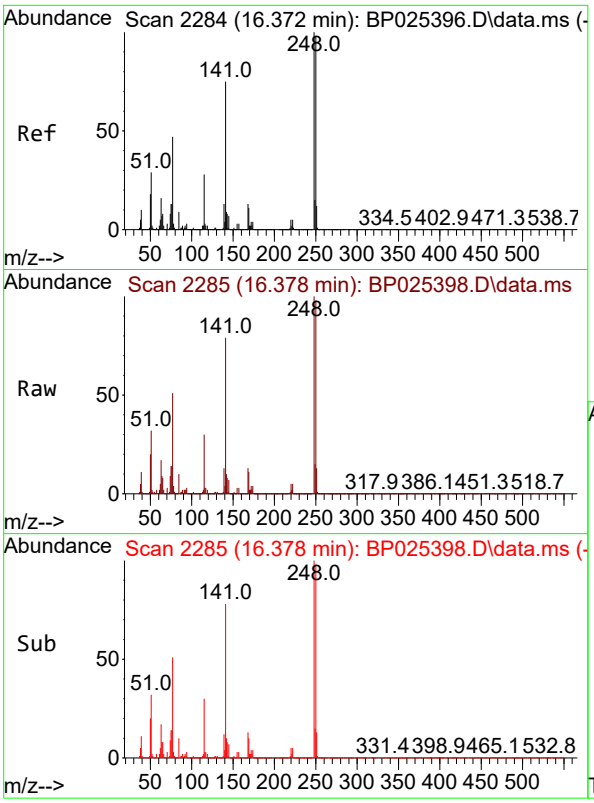


#66
n-Nitrosodiphenylamine
Concen: 59.478 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:169 Resp: 1674806

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.2	79.8
167	36.3	28.7	43.1



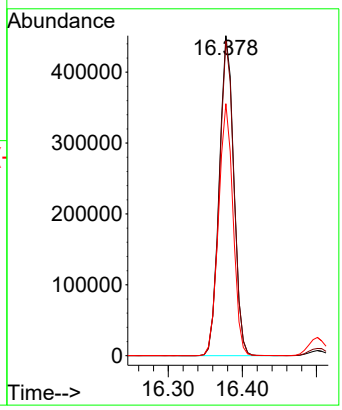


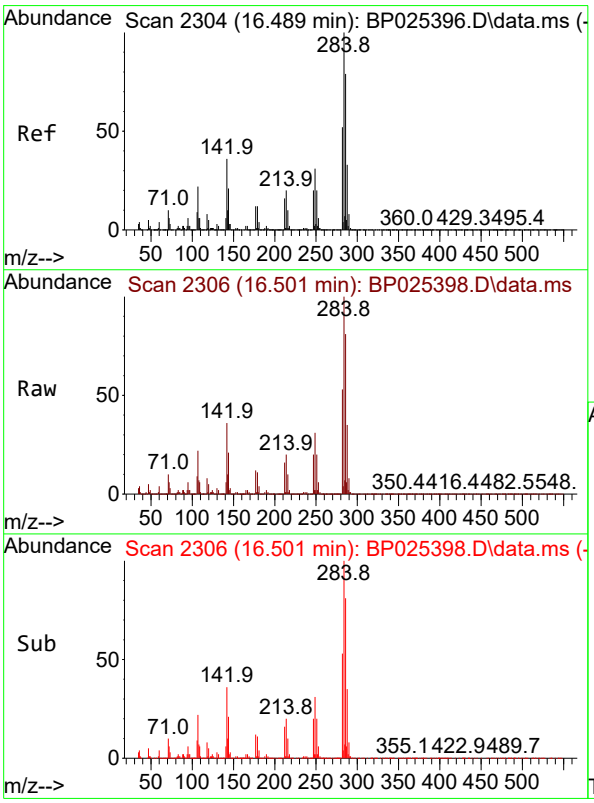
#67
4-Bromophenyl-phenylether
Concen: 60.731 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 616767

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.2	117.2
141	78.7	59.6	89.4

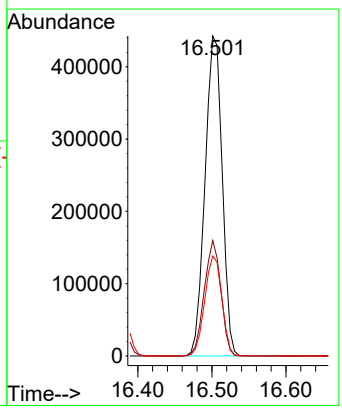


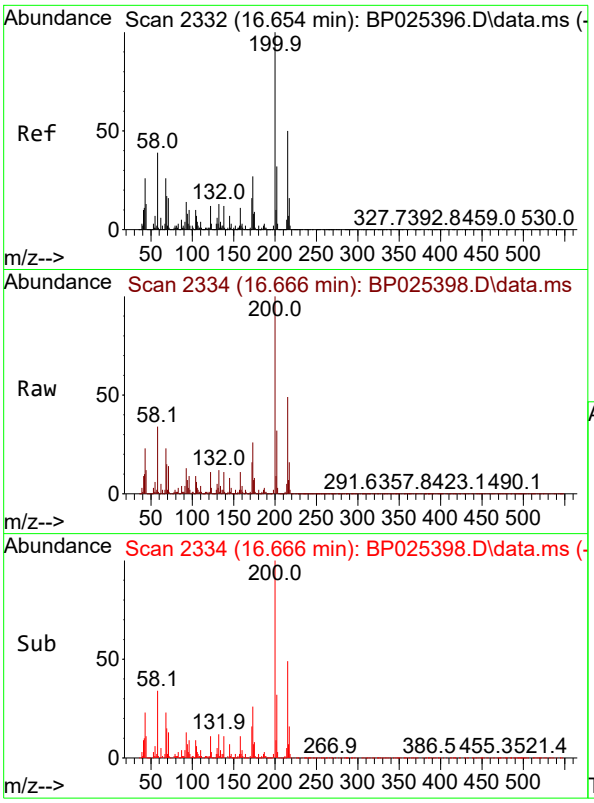


#68
Hexachlorobenzene
Concen: 60.461 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:284 Resp: 711778

Ion	Ratio	Lower	Upper
284	100		
142	36.1	29.1	43.7
249	31.3	25.0	37.4



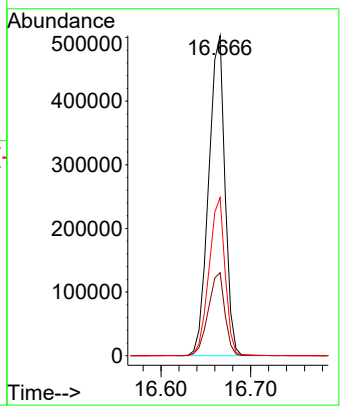


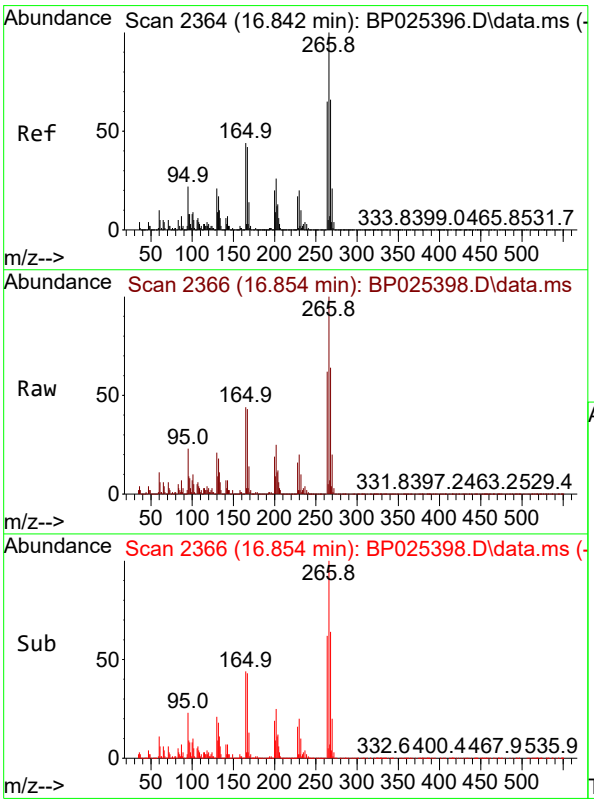
#69
Atrazine
Concen: 60.063 ng
RT: 16.666 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 633381

Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.7	46.7
215	49.4	29.7	69.7

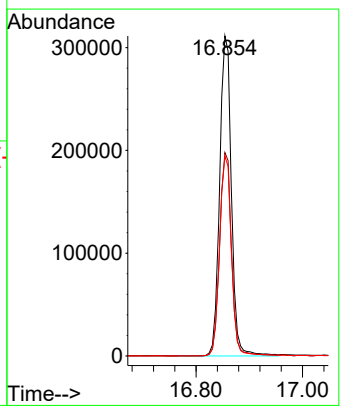


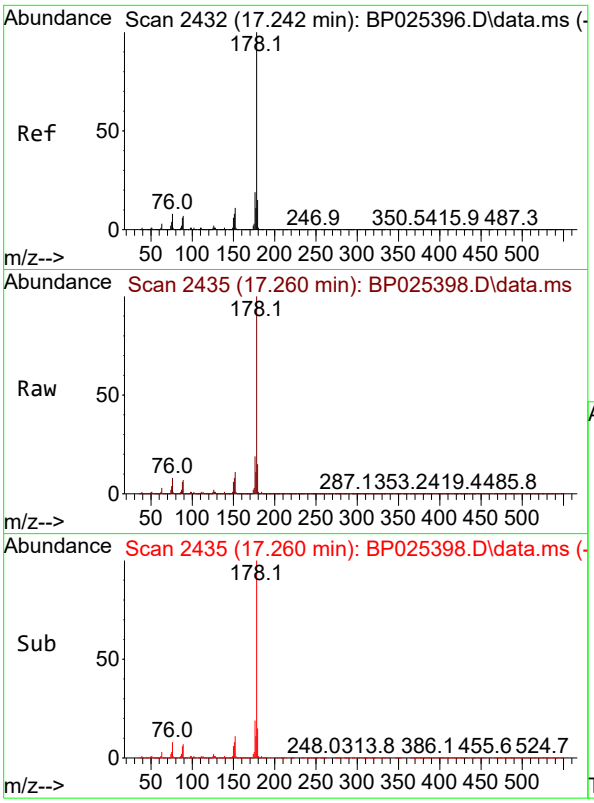


#70
Pentachlorophenol
Concen: 63.820 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:266 Resp: 474276

Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.6	79.0
264	62.4	52.0	78.0



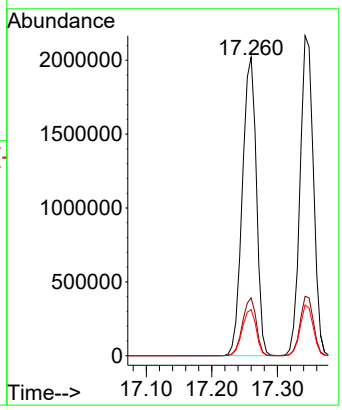


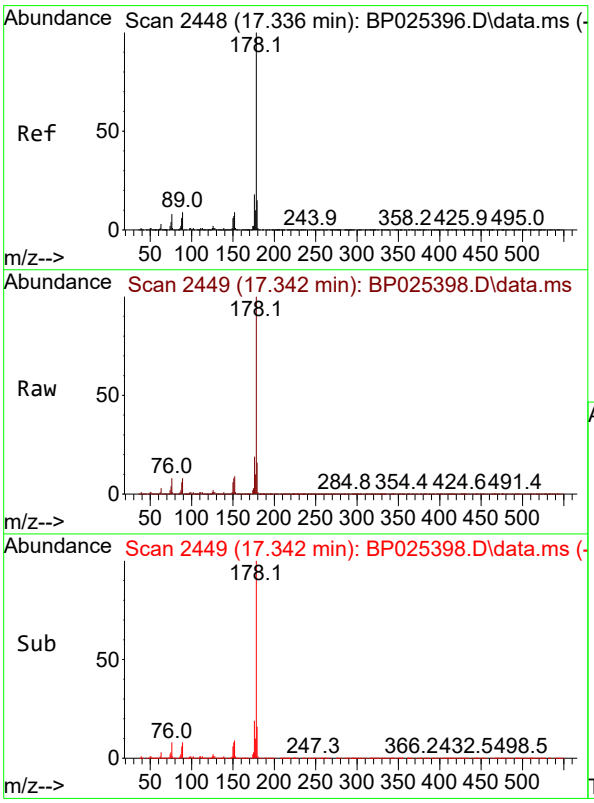
#71
Phenanthrene
Concen: 59.263 ng
RT: 17.260 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 3006132

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.2	18.4

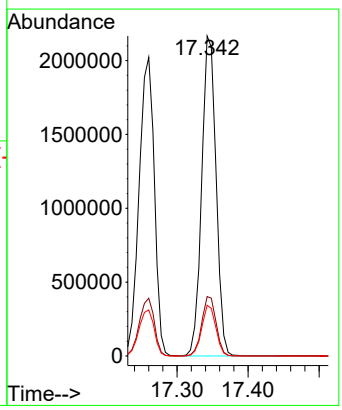


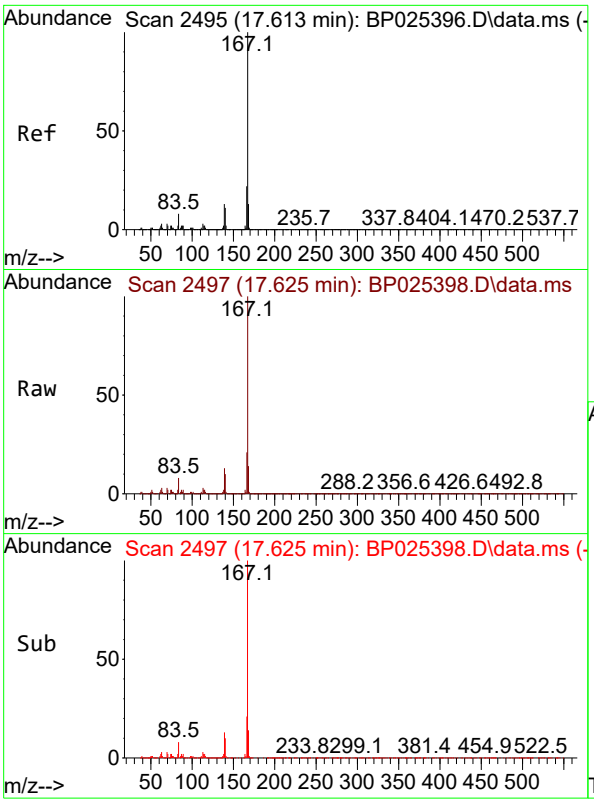


#72
Anthracene
Concen: 58.895 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:178 Resp: 3050794

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.9	12.2	18.2



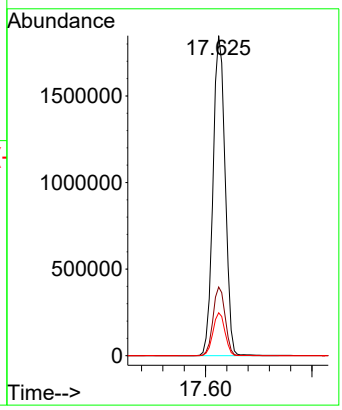


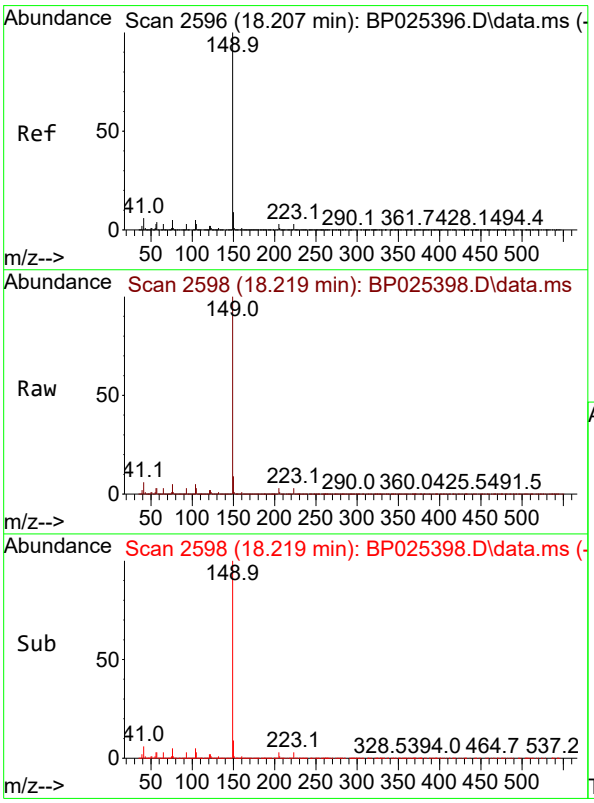
#73
Carbazole
Concen: 59.776 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 2916606

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.4	10.6	16.0

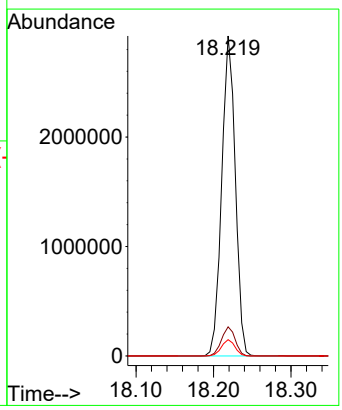


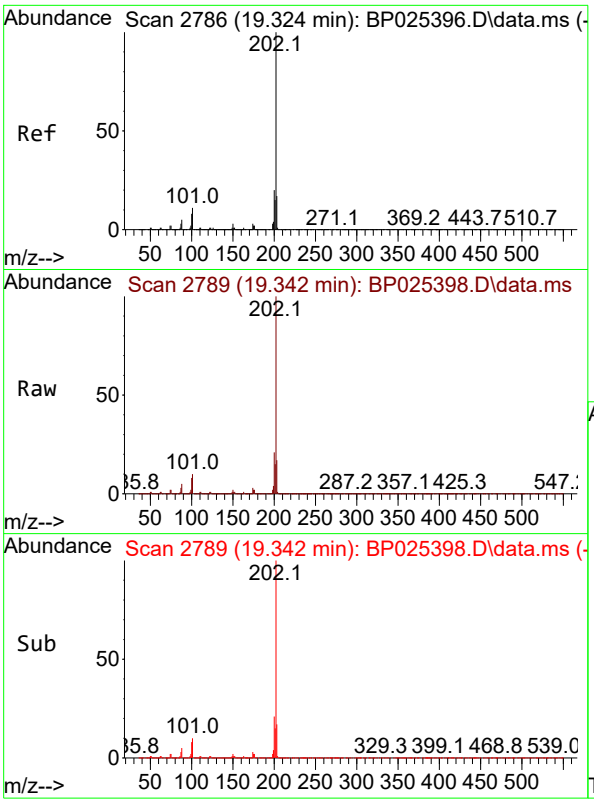


#74
Di-n-butylphthalate
Concen: 59.310 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 3560427

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.2	6.2



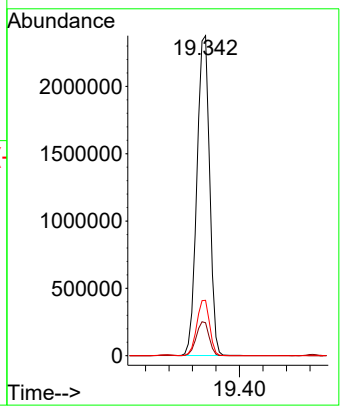


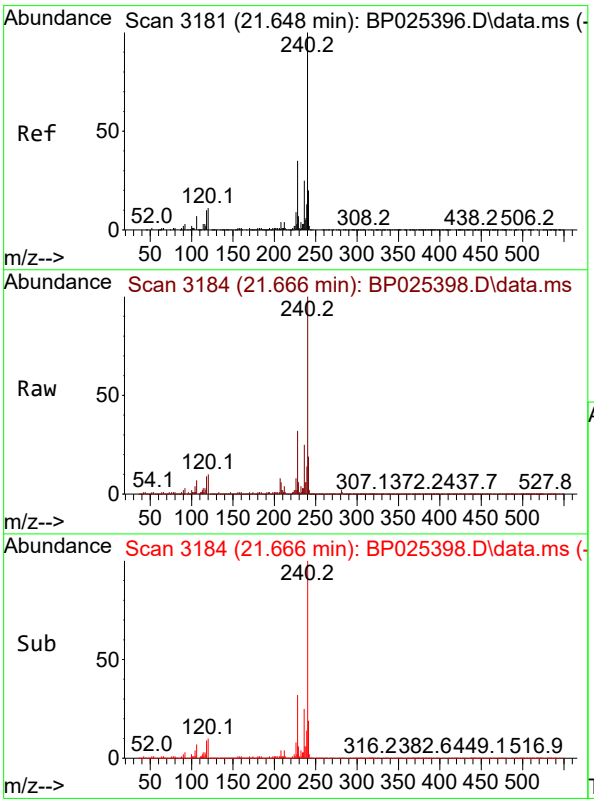
#75
Fluoranthene
Concen: 58.899 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 3563798

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.1
203	17.3	0.0	37.3

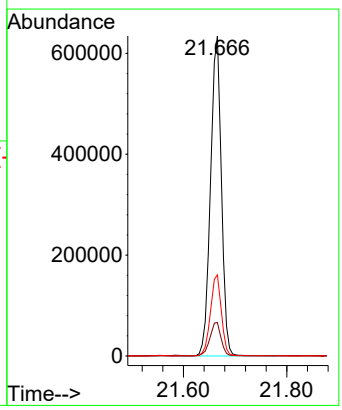


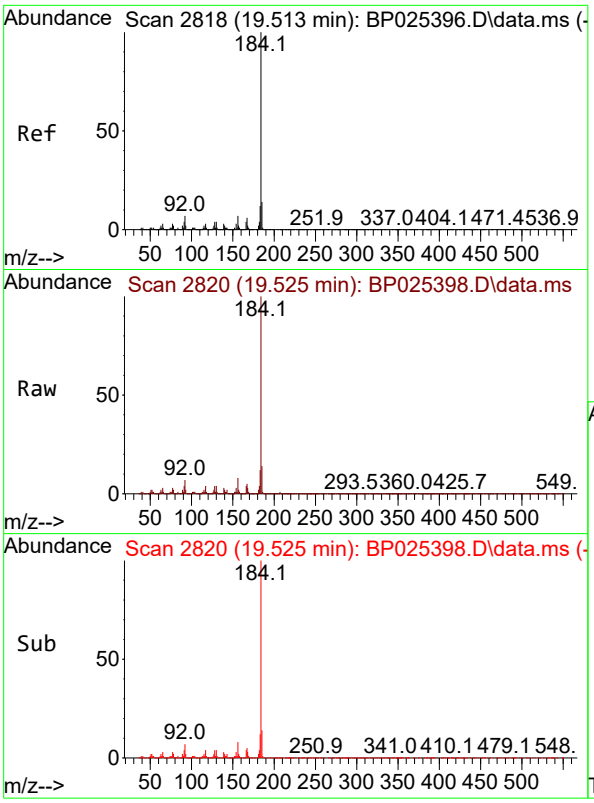


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:240 Resp: 926019

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.3	19.8	29.8



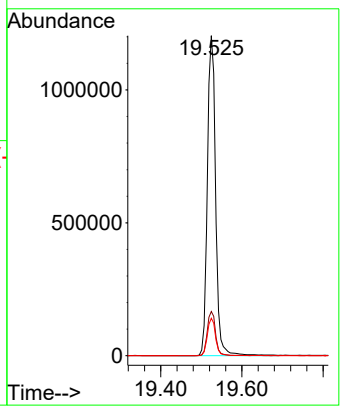


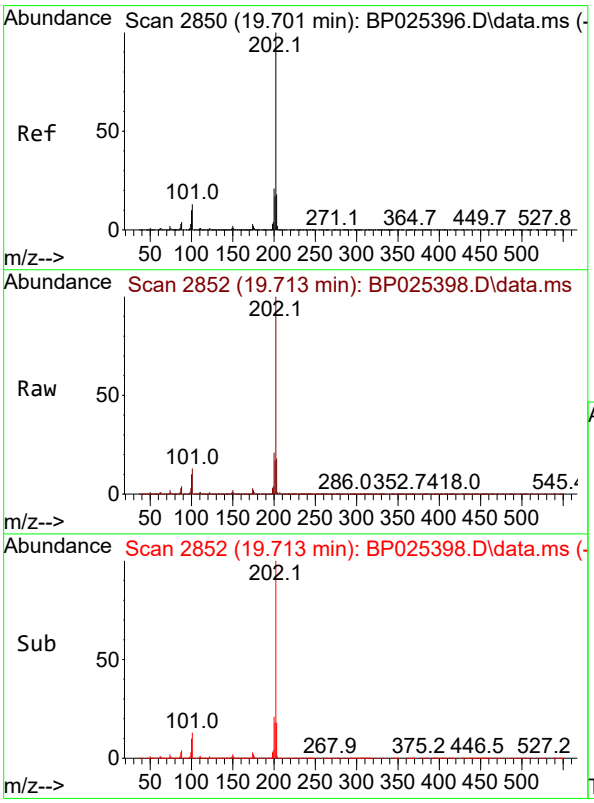
#77
Benzidine
Concen: 53.489 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 1690432

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	11.7	9.4	14.2

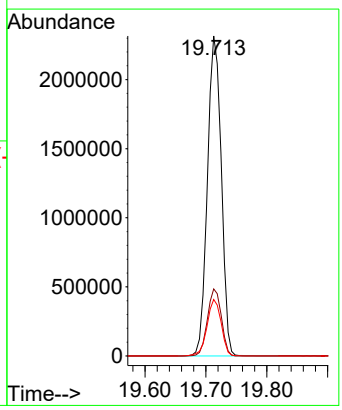


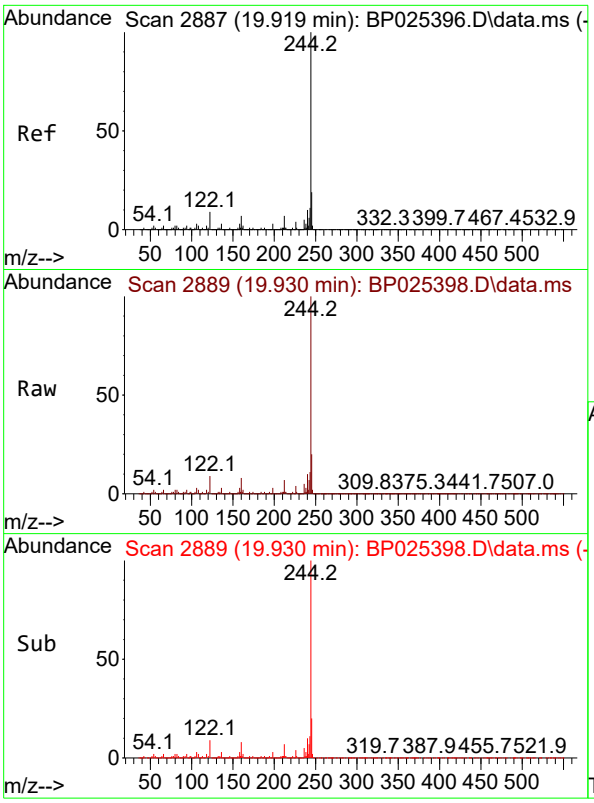


#78
Pyrene
Concen: 60.883 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:202 Resp: 3664453

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.7	14.2	21.2



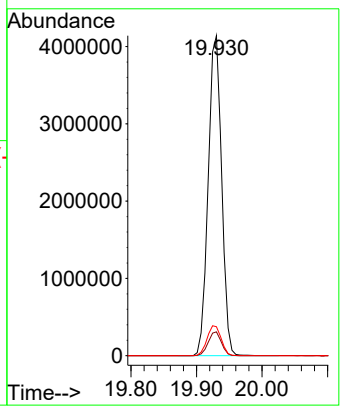


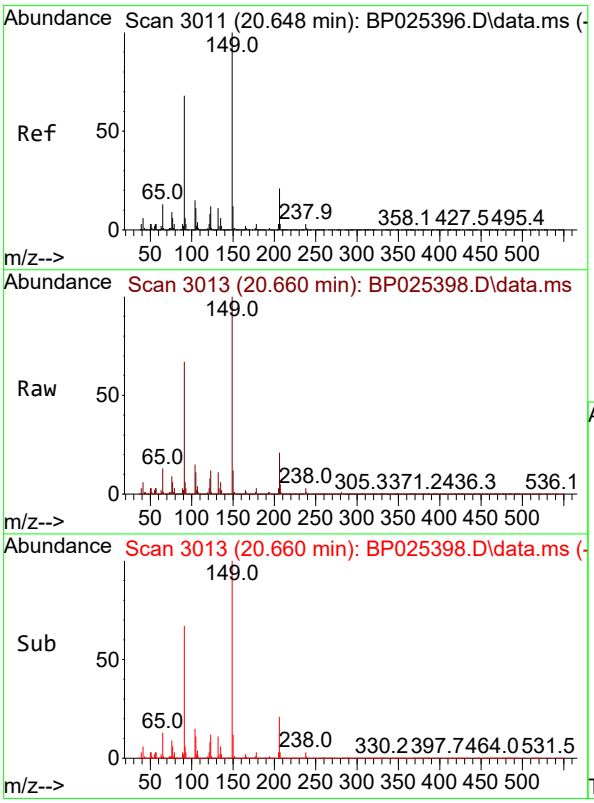
#79
Terphenyl-d14
Concen: 116.490 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 5896004

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.0	7.4	11.2

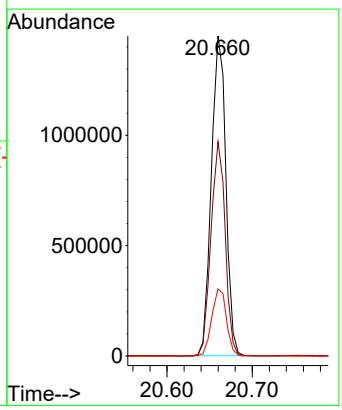


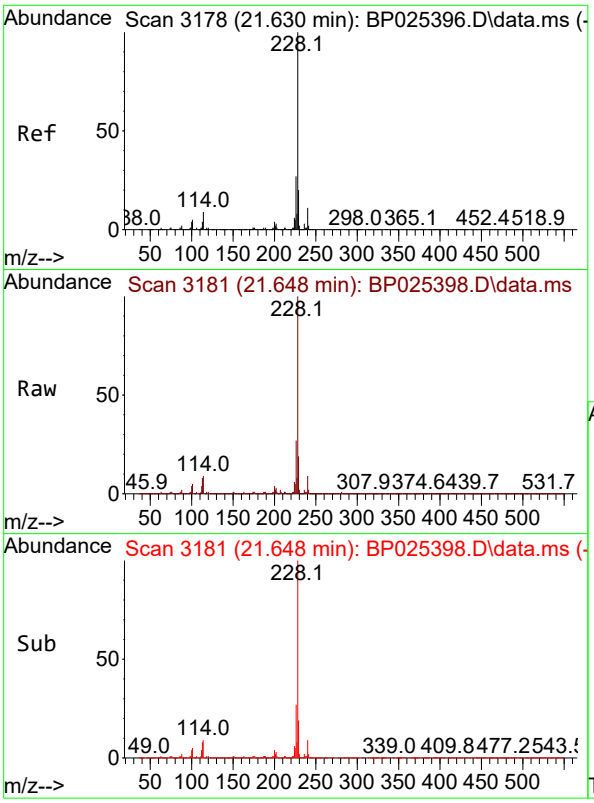


#80
Butylbenzylphthalate
Concen: 62.697 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 1710246

Ion	Ratio	Lower	Upper
149	100		
91	66.9	54.2	81.2
206	20.9	16.6	24.8



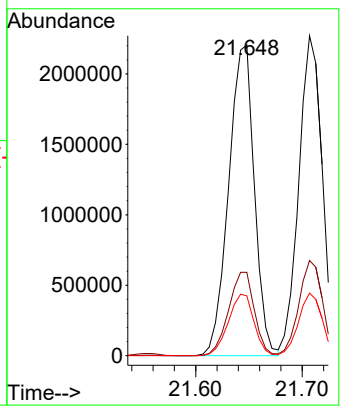


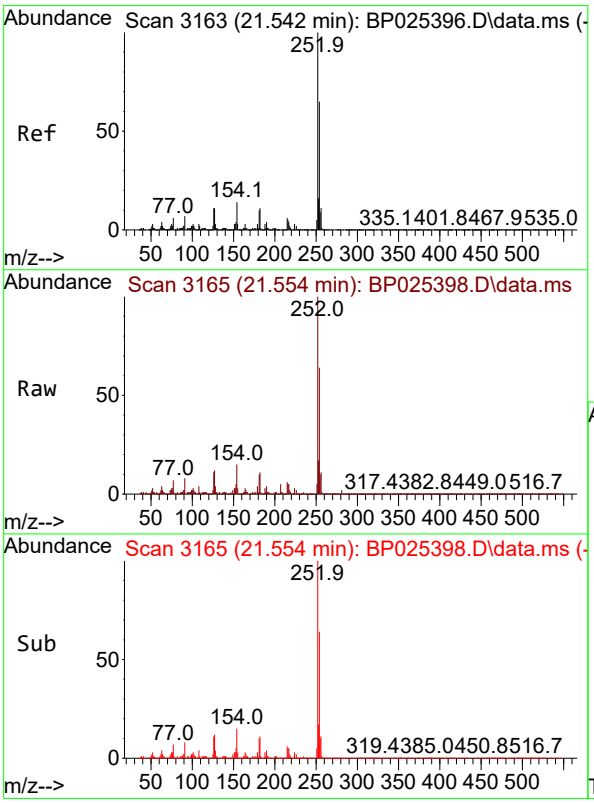
#81
Benzo(a)anthracene
Concen: 60.619 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 3702064

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.2	15.6	23.4

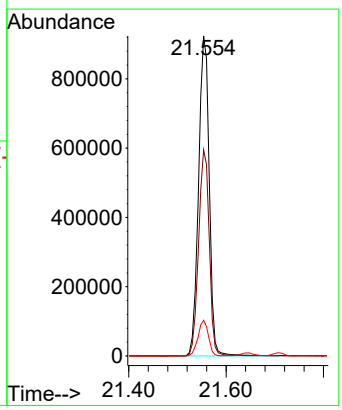


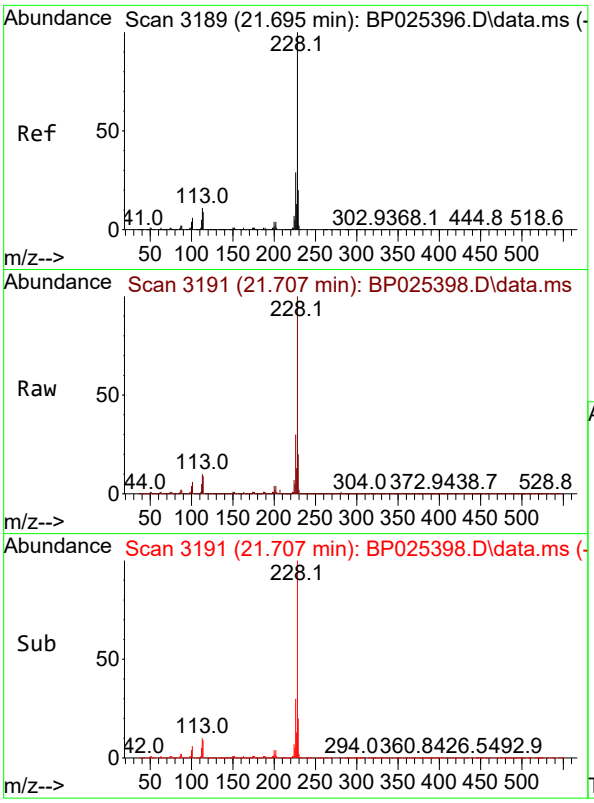


#82
3,3'-Dichlorobenzidine
Concen: 61.062 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 1405597

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.6
126	11.2	9.1	13.7



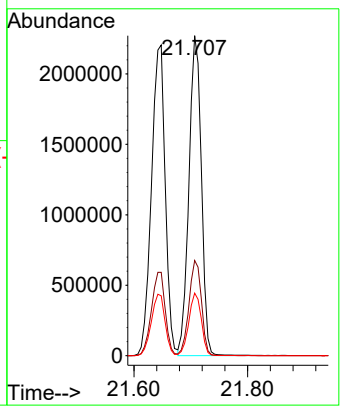


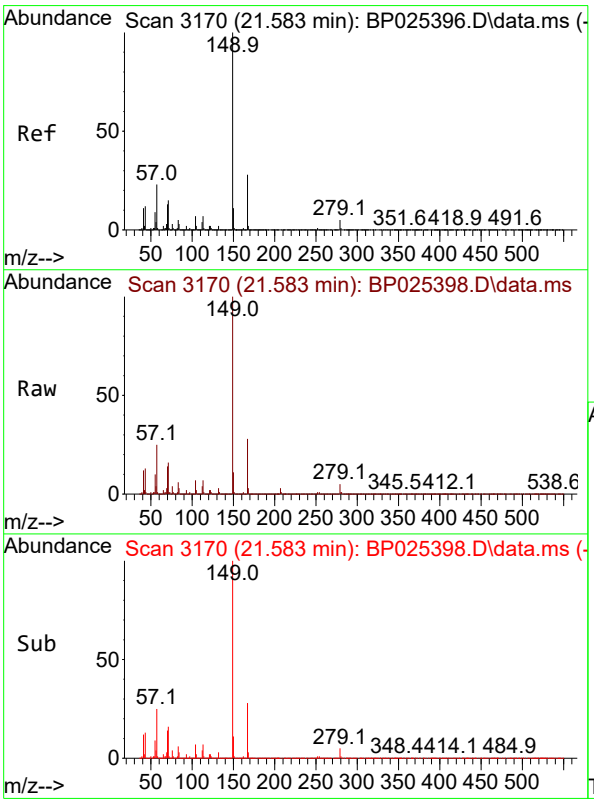
#83
Chrysene
Concen: 60.387 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 3453736

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.6	15.6	23.4

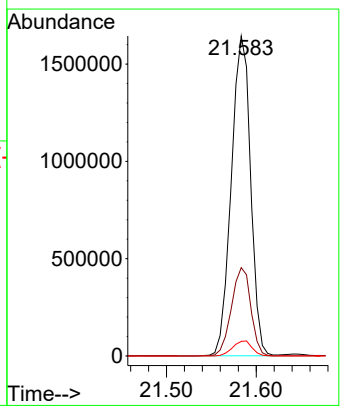


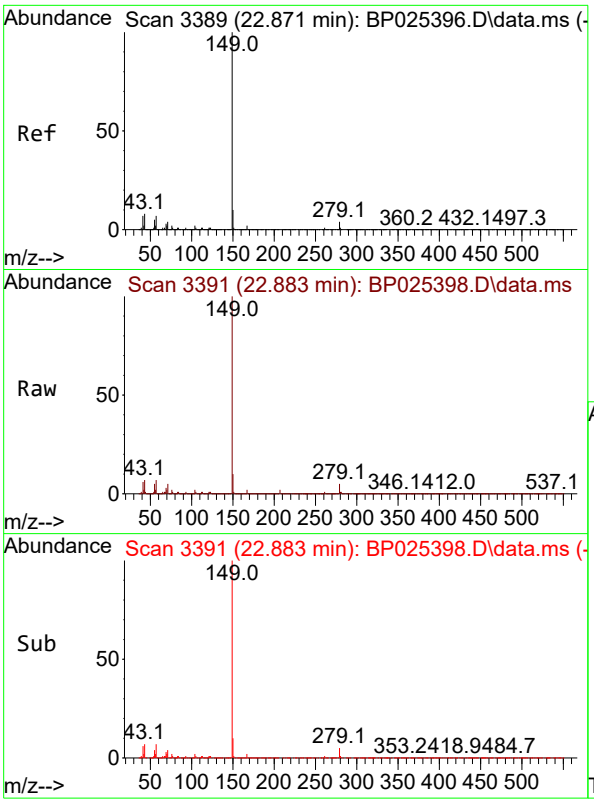


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.038 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 2450963

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.6	3.8	5.6



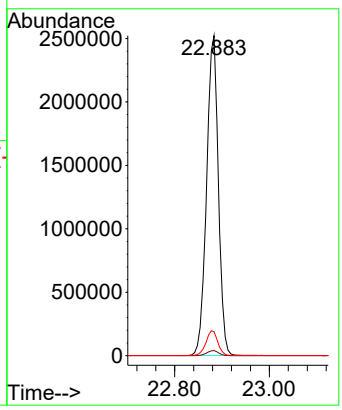


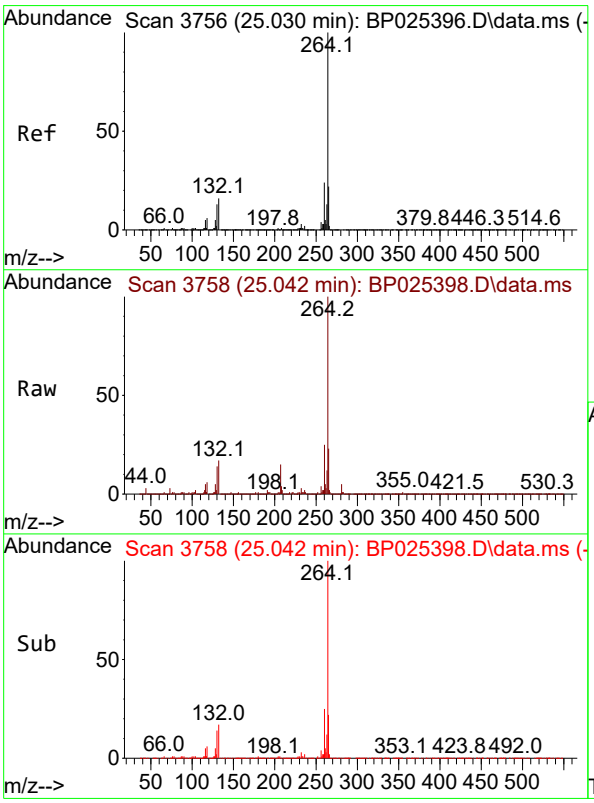
#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.883 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 4342211

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	6.3	9.5

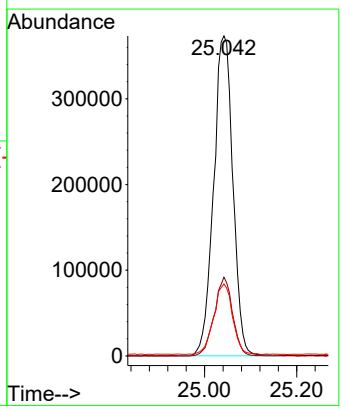


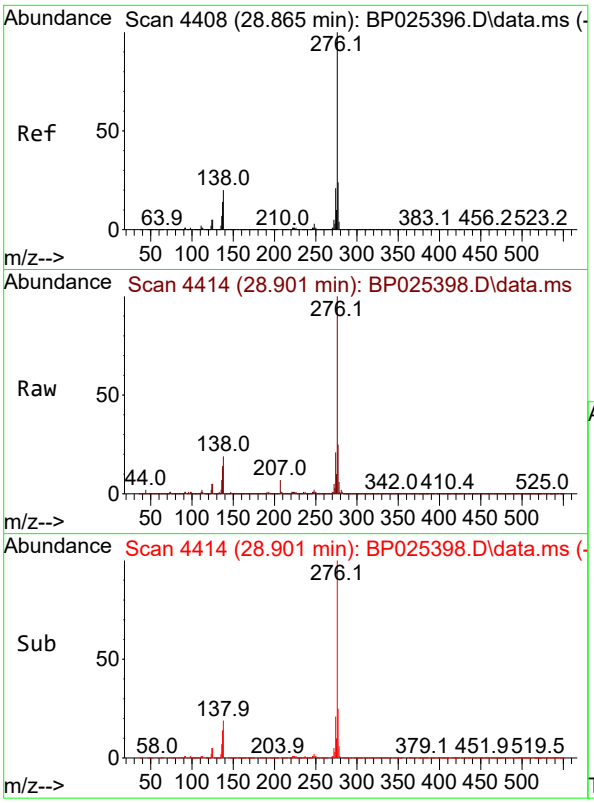


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:264 Resp: 1081163

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.5	17.4	26.0



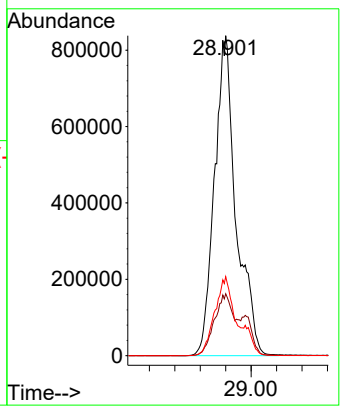


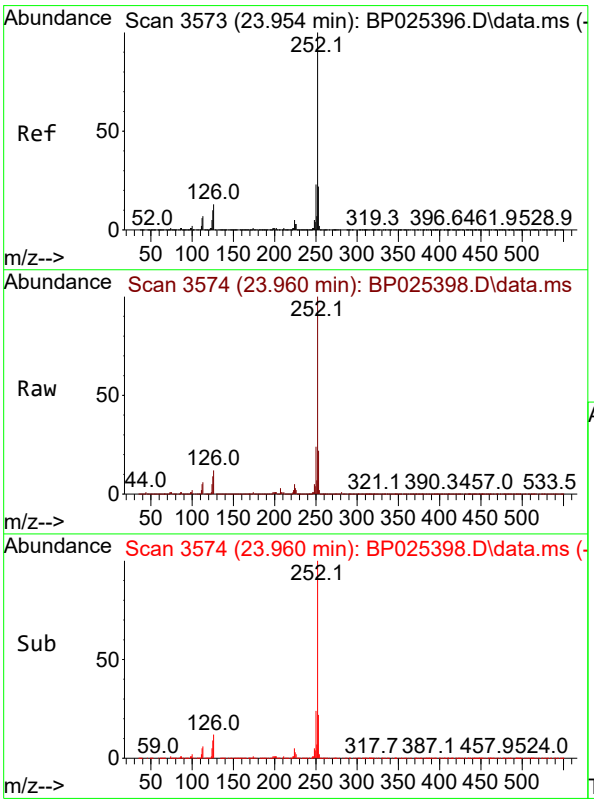
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.248 ng
RT: 28.901 min Scan# 44
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 4937235

Ion	Ratio	Lower	Upper
276	100		
138	18.5	12.9	19.3
277	22.4	17.0	25.6

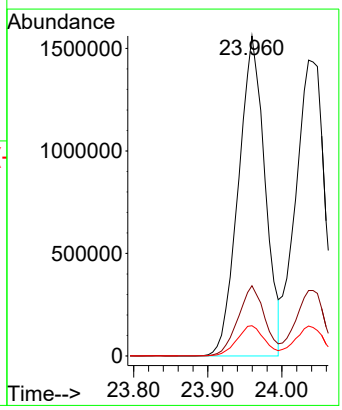


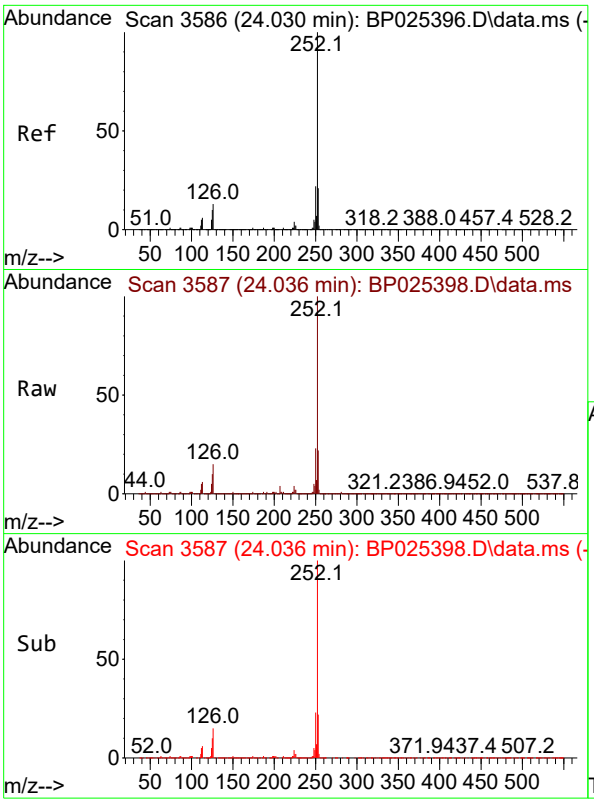


#88
Benzo(b)fluoranthene
Concen: 60.914 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 3883465

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.4	7.9	11.9



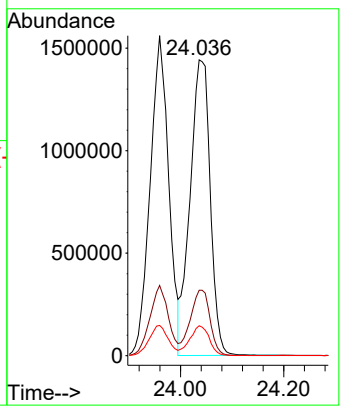


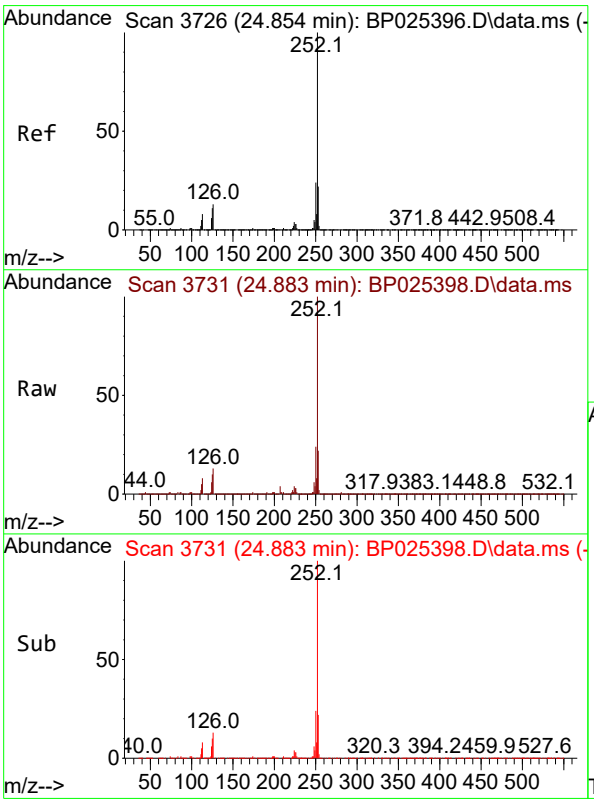
#89
Benzo(k)fluoranthene
Concen: 61.334 ng
RT: 24.036 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 3912900

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.1	7.8	11.6

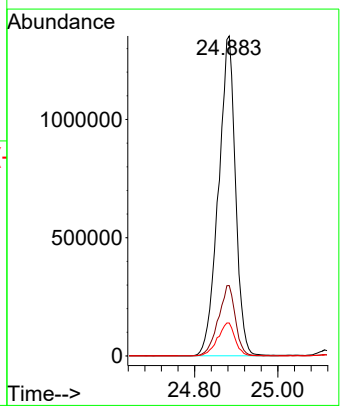


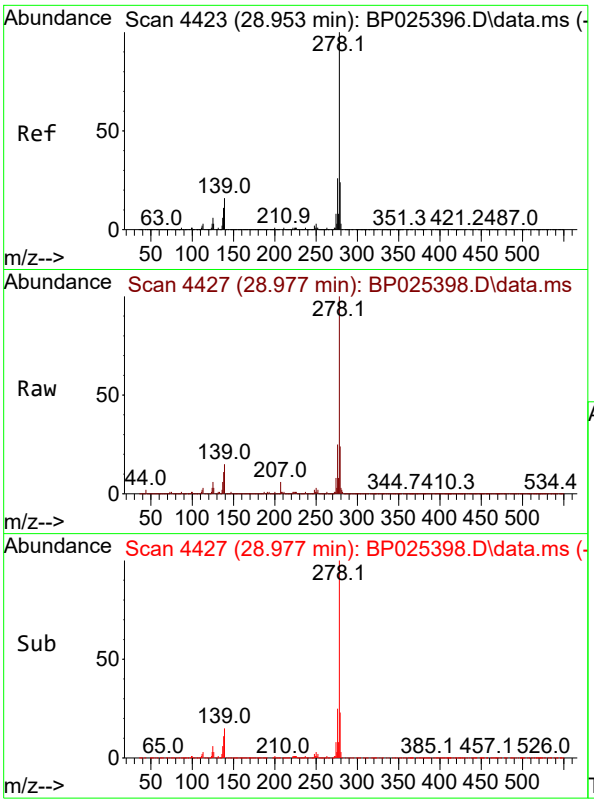


#90
Benzo(a)pyrene
Concen: 61.959 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.030 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 3845093

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.3	8.7	13.1



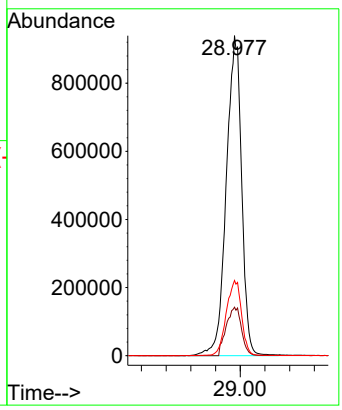


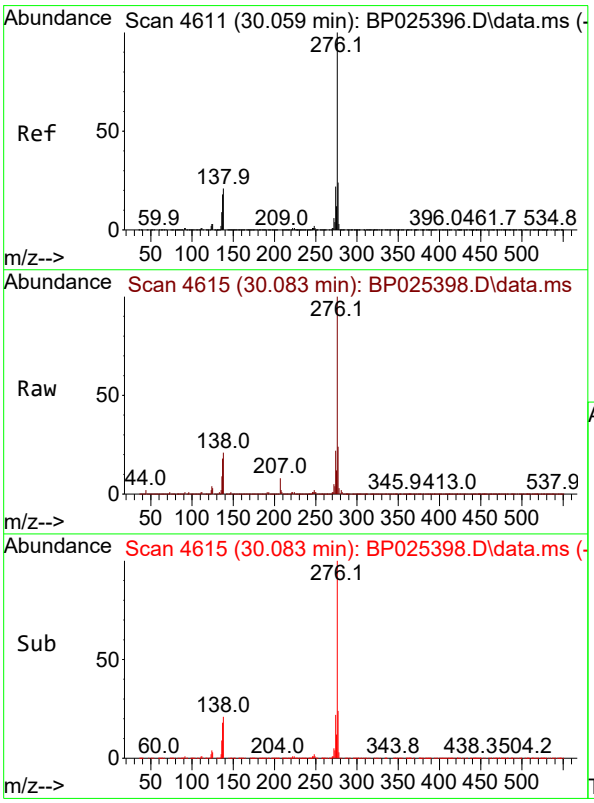
#91
Dibenzo(a,h)anthracene
Concen: 62.280 ng
RT: 28.977 min Scan# 44
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 4035414

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.0	19.4
279	23.5	19.4	29.2

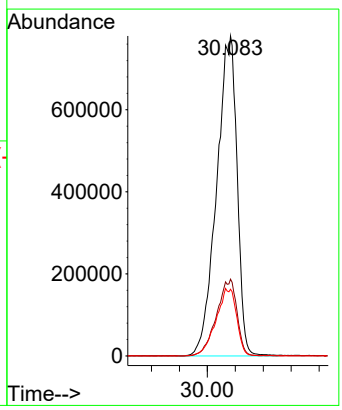




#92
Benzo(g,h,i)perylene
Concen: 62.159 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:276 Resp: 3958545

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	20.8	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	159148	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	673018	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	436046	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	856946	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	888879	20.000	ng	0.01
86) Perylene-d12	25.030	264	1037707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1526166	159.254	ng	0.00
7) Phenol-d6	6.972	99	1989633	161.937	ng	0.00
23) Nitrobenzene-d5	8.937	82	2123522	159.609	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	936489	159.559	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	4712591	147.705	ng	0.00
79) Terphenyl-d14	19.930	244	7103816	146.217	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	291527	77.664	ng	99
3) Pyridine	3.731	79	807269	78.572	ng	97
4) n-Nitrosodimethylamine	3.637	42	344349	81.296	ng	99
6) Aniline	7.131	93	1333221	80.538	ng	100
8) 2-Chlorophenol	7.372	128	877073	81.104	ng	99
9) Benzaldehyde	6.943	77	582344	67.651	ng	98
10) Phenol	7.002	94	1040534	80.710	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	798672	79.481	ng	99
12) 1,3-Dichlorobenzene	7.684	146	950596	79.718	ng	98
13) 1,4-Dichlorobenzene	7.825	146	961421	78.882	ng	99
14) 1,2-Dichlorobenzene	8.143	146	922658	78.203	ng	99
15) Benzyl Alcohol	8.031	79	795618	81.498	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	1059824	78.732	ng	99
17) 2-Methylphenol	8.225	107	734482	82.028	ng	100
18) Hexachloroethane	8.866	117	355791	79.395	ng	94
19) n-Nitroso-di-n-propyla...	8.596	70	636387	78.102	ng	99
20) 3+4-Methylphenols	8.555	107	1005632	81.023	ng	97
22) Acetophenone	8.607	105	1314548	77.886	ng	99
24) Nitrobenzene	8.978	77	947511	79.686	ng	99
25) Isophorone	9.507	82	1829675	77.708	ng	99
26) 2-Nitrophenol	9.678	139	511806	83.872	ng	99
27) 2,4-Dimethylphenol	9.743	122	842467	80.280	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	1103640	77.542	ng	99
29) 2,4-Dichlorophenol	10.213	162	844787	81.037	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	892771	78.123	ng	98
31) Naphthalene	10.613	128	2722703	77.835	ng	99
32) Benzoic acid	9.901	122	686791	88.861	ng	99
33) 4-Chloroaniline	10.713	127	1232431	79.761	ng	100
34) Hexachlorobutadiene	10.901	225	557922	78.393	ng	99
35) Caprolactam	11.519	113	302874	79.233	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	949779	79.399	ng	99
37) 2-Methylnaphthalene	12.213	142	1761325	77.372	ng	99
38) 1-Methylnaphthalene	12.437	142	1844376	76.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	995064	79.014	ng	100
41) Hexachlorocyclopentadiene	12.572	237	668771	87.916	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	706484	83.096	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	762861	81.870	ng	99
46) 1,1'-Biphenyl	13.231	154	2453536	77.476	ng	99
47) 2-Chloronaphthalene	13.272	162	1918120	77.804	ng	100
48) 2-Nitroaniline	13.472	65	594696	82.788	ng	96
49) Acenaphthylene	14.125	152	3194918	78.318	ng	100
50) Dimethylphthalate	13.860	163	2446951	76.632	ng	99
51) 2,6-Dinitrotoluene	13.972	165	542710	80.639	ng	99
52) Acenaphthene	14.472	154	1841448	76.902	ng	99
53) 3-Nitroaniline	14.301	138	618087	81.627	ng	100
54) 2,4-Dinitrophenol	14.507	184	339125	94.356	ng	100
55) Dibenzofuran	14.807	168	2915933	77.023	ng	99
56) 4-Nitrophenol	14.619	139	520294	83.618	ng	96
57) 2,4-Dinitrotoluene	14.766	165	791214	82.399	ng	99
58) Fluorene	15.466	166	2185593	73.164	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	661890	80.448	ng	100
60) Diethylphthalate	15.242	149	2494087	76.870	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	1105157	74.388	ng	97
62) 4-Nitroaniline	15.484	138	626525	80.710	ng	97
63) Azobenzene	15.760	77	2139674	77.017	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	472602	88.473	ng	93
66) n-Nitrosodiphenylamine	15.678	169	2034782	77.866	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	745915	79.144	ng	98
68) Hexachlorobenzene	16.495	284	860051	78.721	ng	97
69) Atrazine	16.654	200	783533	80.064	ng	98
70) Pentachlorophenol	16.842	266	589673	85.502	ng	98
71) Phenanthrene	17.242	178	3623454	76.972	ng	99
72) Anthracene	17.336	178	3702277	77.014	ng	99
73) Carbazole	17.607	167	3503273	77.368	ng	99
74) Di-n-butylphthalate	18.219	149	4336701	77.844	ng	100
75) Fluoranthene	19.330	202	4313301	76.815	ng	99
77) Benzidine	19.525	184	2036246	67.124	ng	99
78) Pyrene	19.707	202	4410693	76.343	ng	99
80) Butylbenzylphthalate	20.660	149	2054404	78.460	ng	97
81) Benzo(a)anthracene	21.642	228	4532763	77.322	ng	100
82) 3,3'-Dichlorobenzidine	21.554	252	1705746	77.197	ng	100
83) Chrysene	21.707	228	4218161	76.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	3021891	78.400	ng	100
85) Di-n-octyl phthalate	22.877	149	5302080	79.974	ng	100
87) Indeno(1,2,3-cd)pyrene	28.895	276	6168570m	81.030	ng	
88) Benzo(b)fluoranthene	23.977	252	4876398	79.692	ng	100
89) Benzo(k)fluoranthene	24.054	252	4734637	77.323	ng	99
90) Benzo(a)pyrene	24.889	252	4735685	79.505	ng	99
91) Dibenzo(a,h)anthracene	28.983	278	5046260	81.142	ng	99
92) Benzo(g,h,i)perylene	30.106	276	4949477	80.973	ng	98

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

ICAL Form

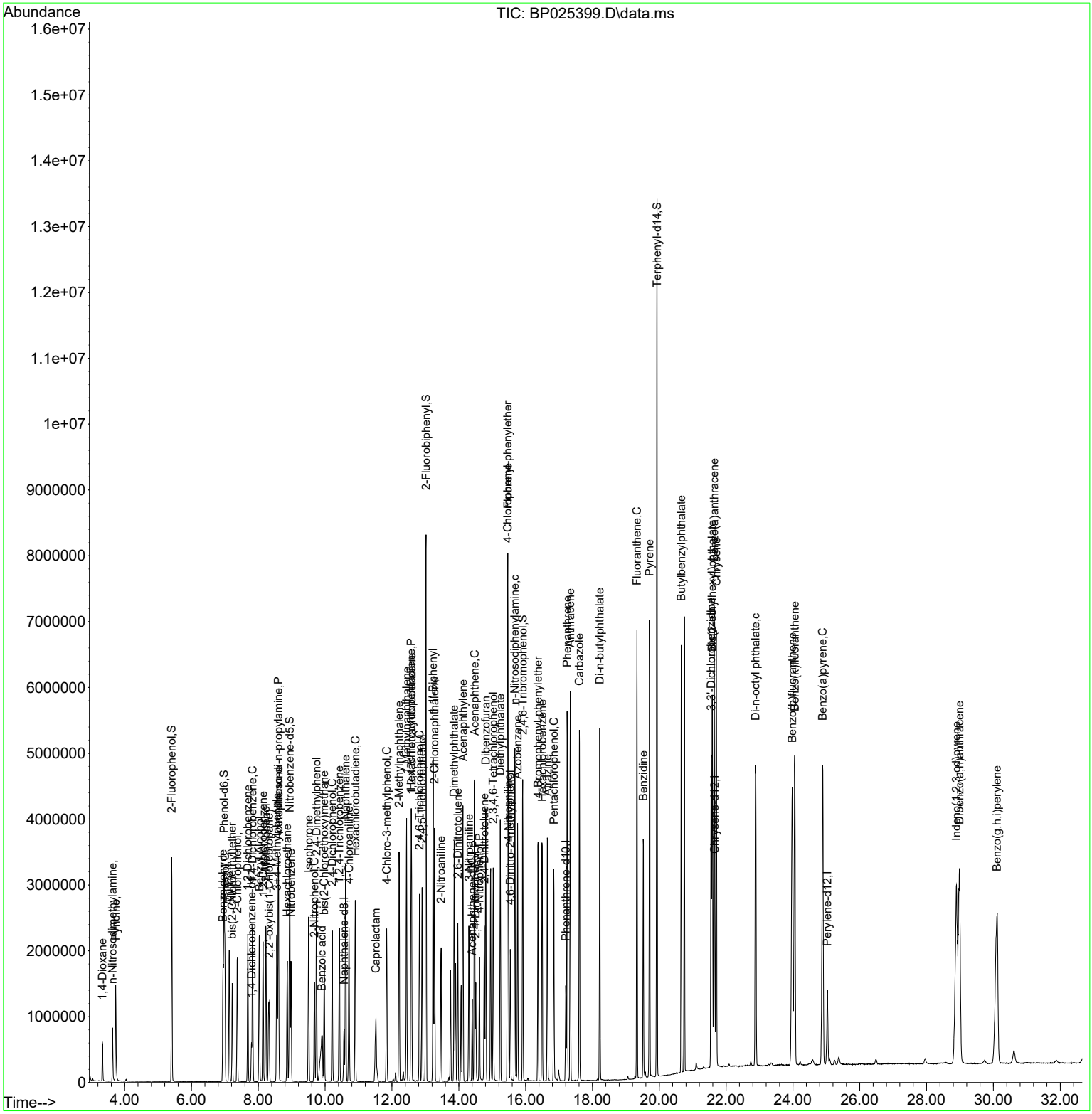
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

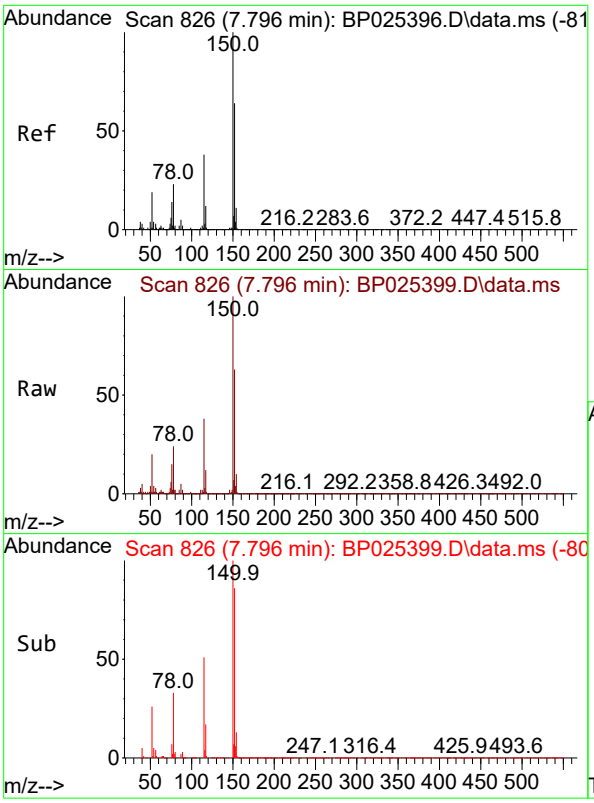
Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

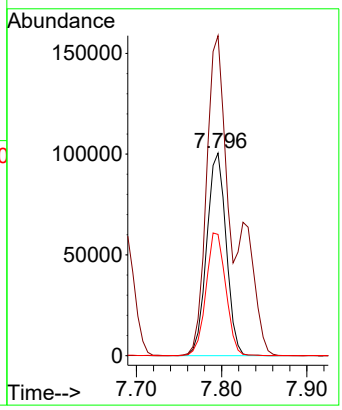




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:152 Resp: 15914

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.9	188.9
115	59.9	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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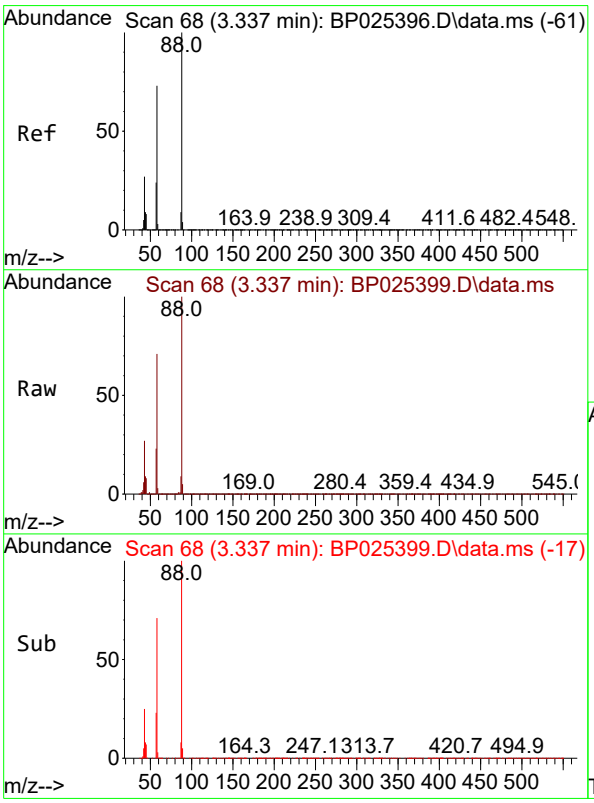
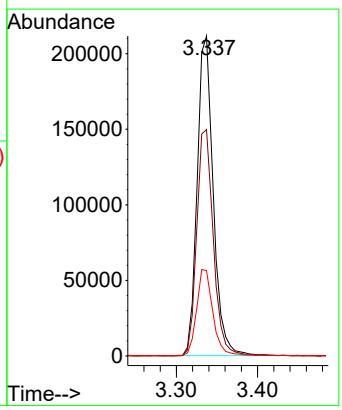
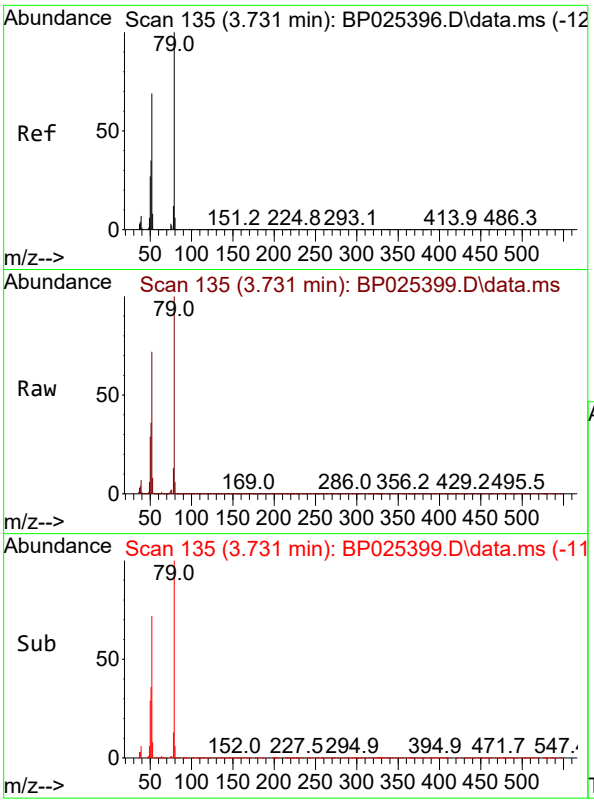


#2
1,4-Dioxane
Concen: 77.664 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 88 Resp: 291527

Ion	Ratio	Lower	Upper
88	100		
58	73.3	59.2	88.8
43	27.4	21.7	32.5

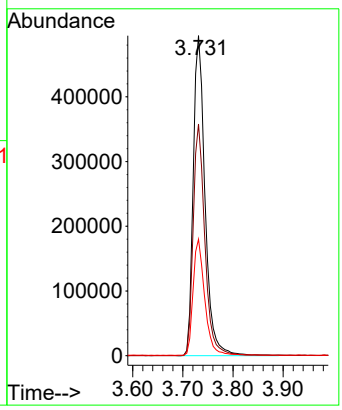




#3
Pyridine
Concen: 78.572 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 79 Resp: 80726

Ion	Ratio	Lower	Upper
79	100		
52	72.4	55.5	83.3
51	36.4	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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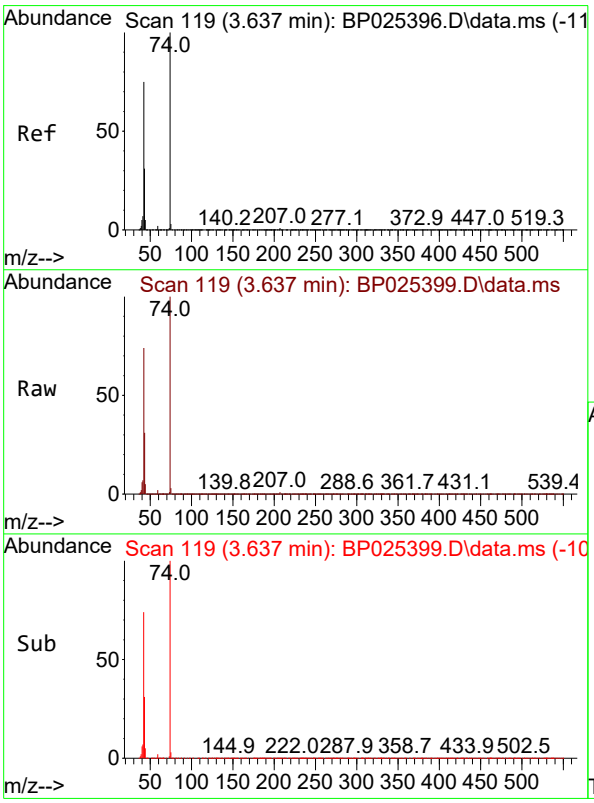
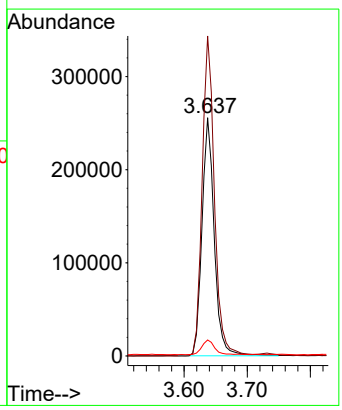
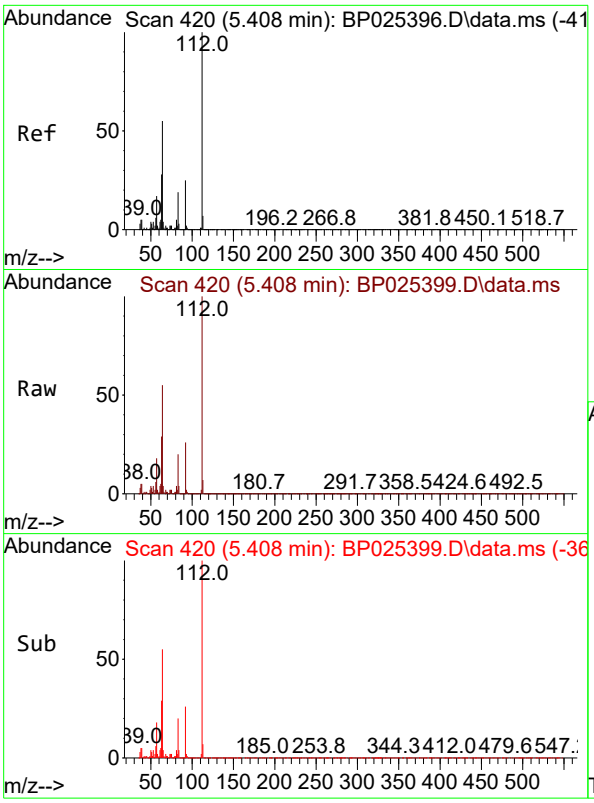


#4
n-Nitrosodimethylamine
Concen: 81.296 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 42 Resp: 344349

Ion	Ratio	Lower	Upper
42	100		
74	134.3	107.0	160.4
44	6.7	6.2	9.4

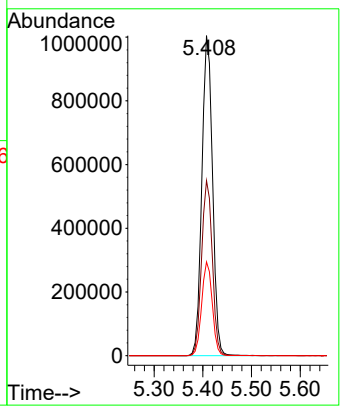




#5
2-Fluorophenol
Concen: 159.254 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:112 Resp: 152616

Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.8	65.8
63	29.3	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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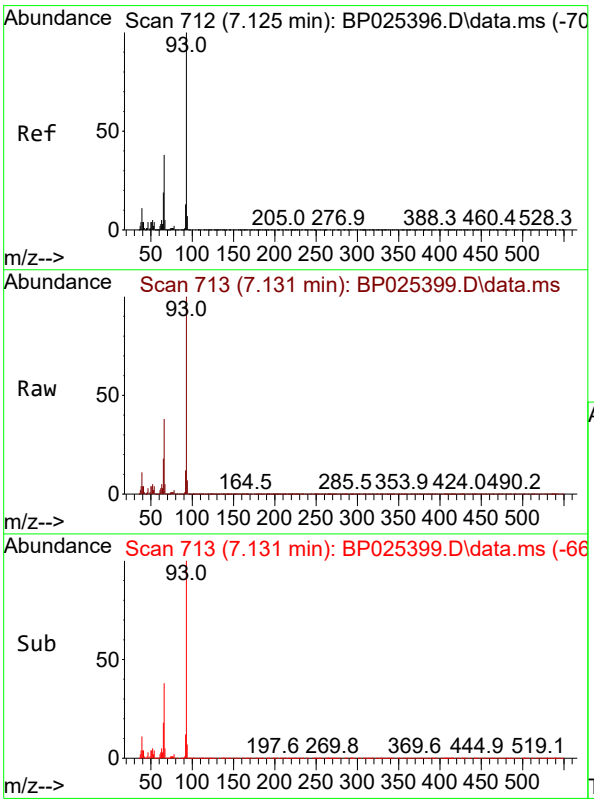
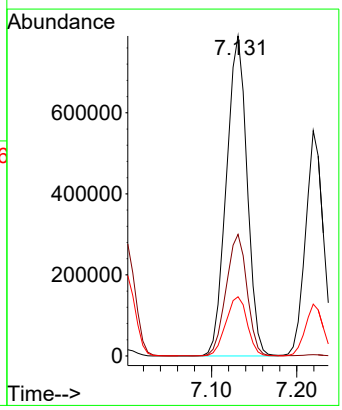
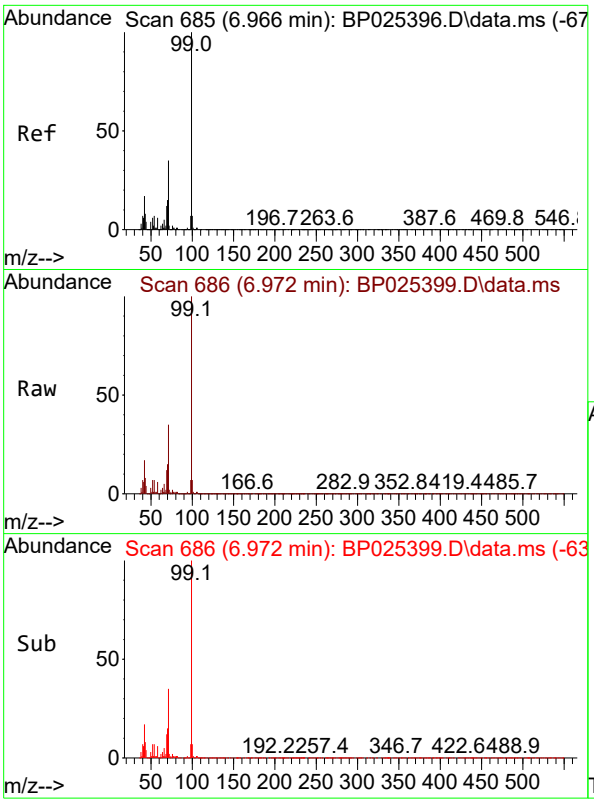


#6
Aniline
Concen: 80.538 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 93 Resp: 1333221

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	18.5	15.3	22.9

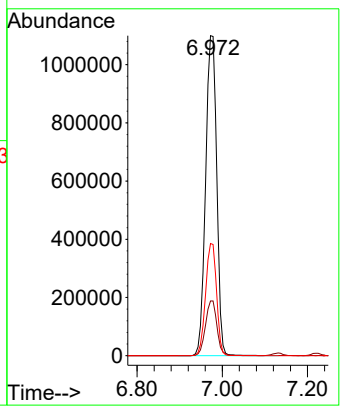




#7
Phenol-d6
Concen: 161.937 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 99 Resp: 198963

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	35.1	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
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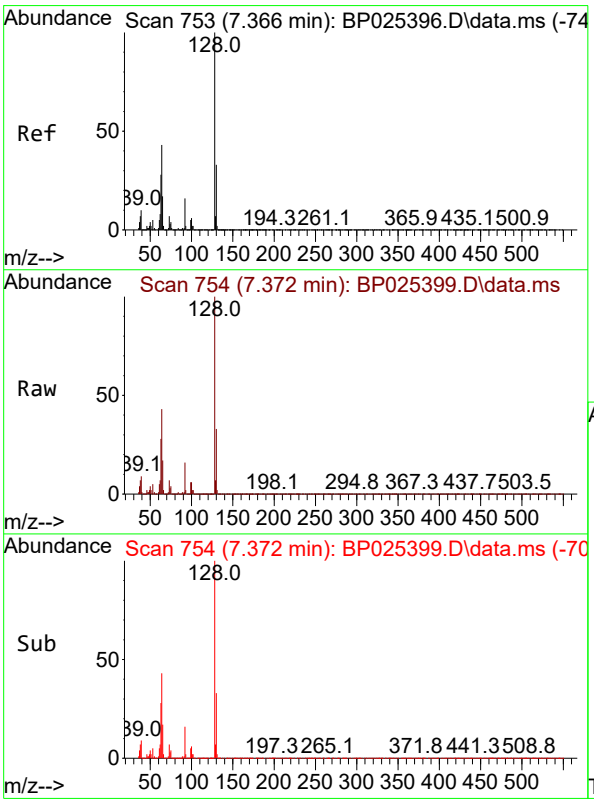
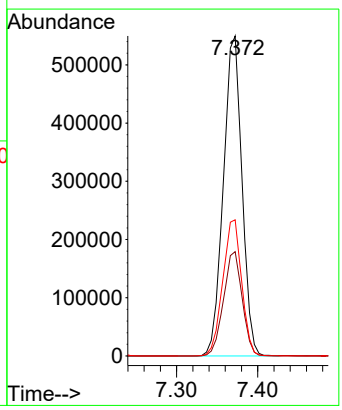
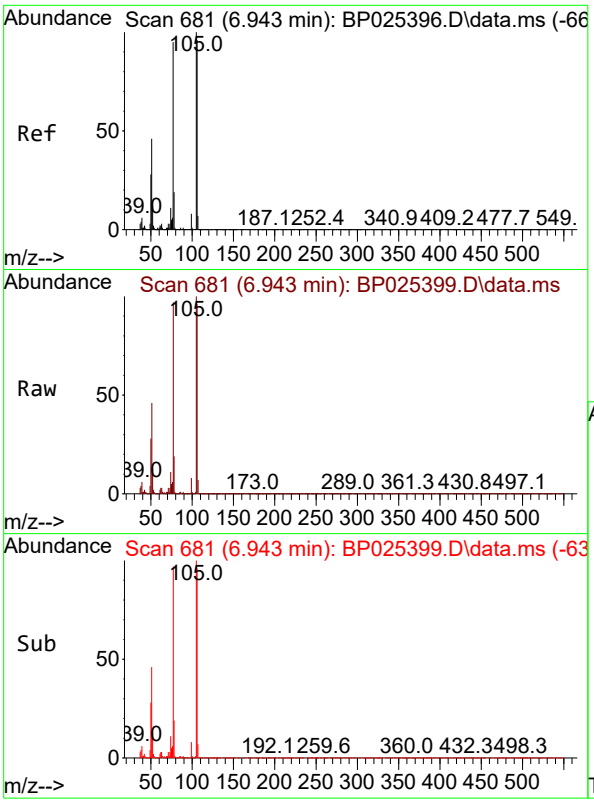


#8
2-Chlorophenol
Concen: 81.104 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:128 Resp: 877073

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	42.5	23.4	63.4

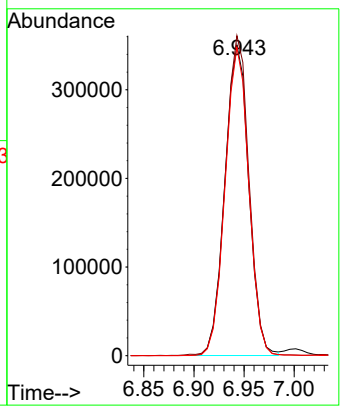




#9
Benzaldehyde
Concen: 67.651 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 58234

Ion	Ratio	Lower	Upper
77	100		
105	103.0	84.8	124.8
106	99.3	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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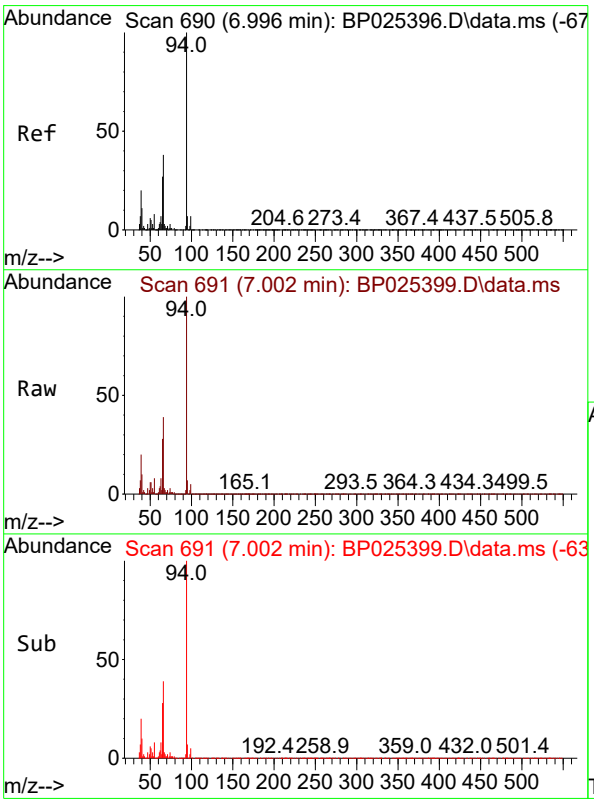
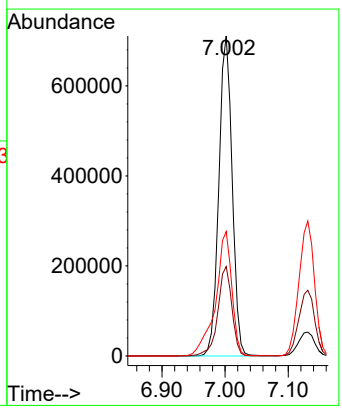
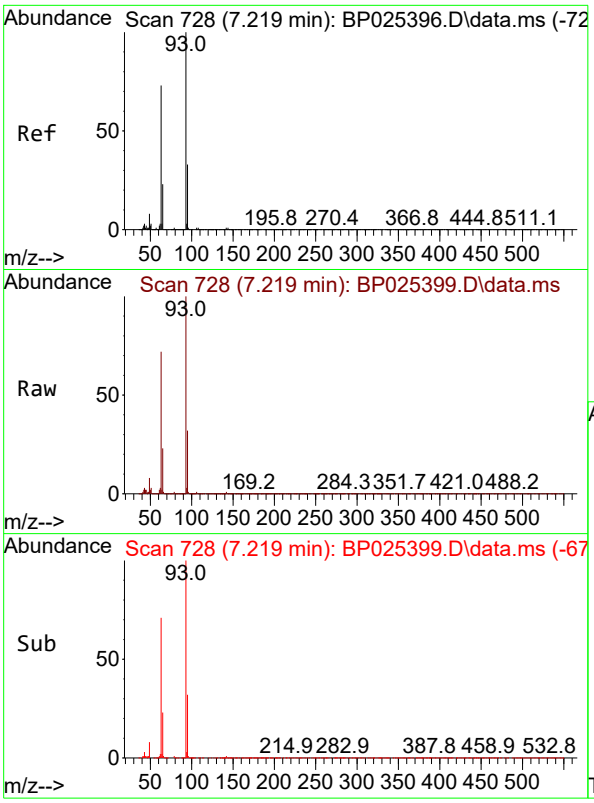


#10
Phenol
Concen: 80.710 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 94 Resp: 1040534

Ion	Ratio	Lower	Upper
94	100		
65	28.0	6.8	46.8
66	38.9	18.2	58.2

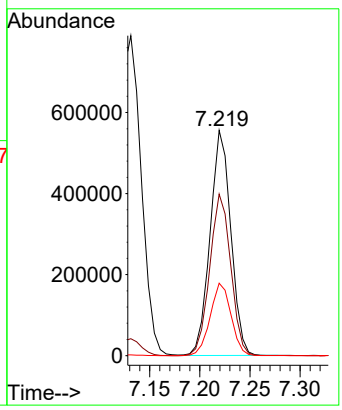




#11
bis(2-Chloroethyl)ether
Concen: 79.481 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 93 Resp: 79867

Ion	Ratio	Lower	Upper
93	100		
63	71.7	52.6	92.6
95	32.2	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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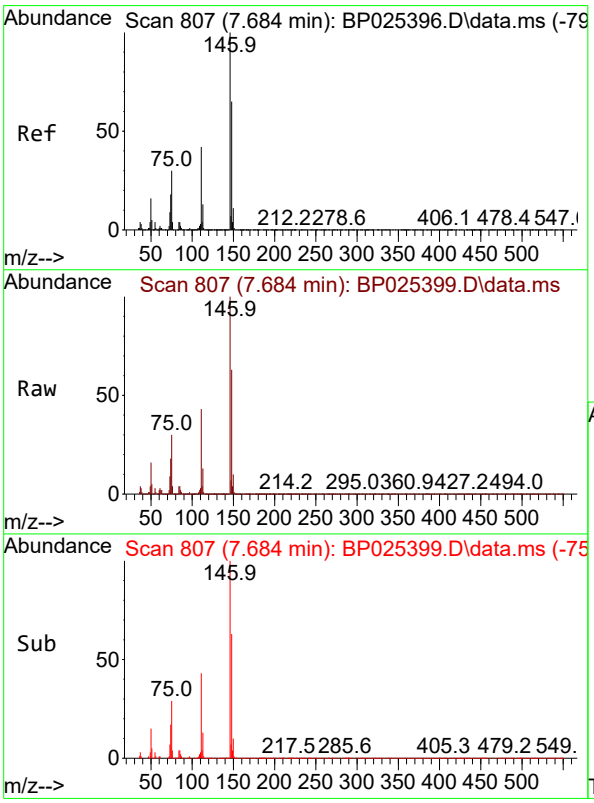
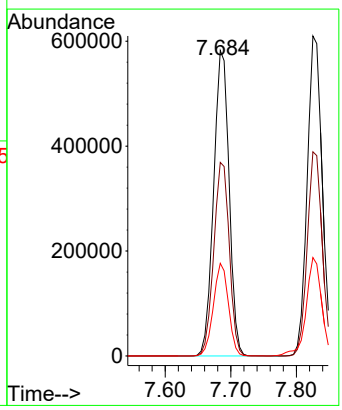
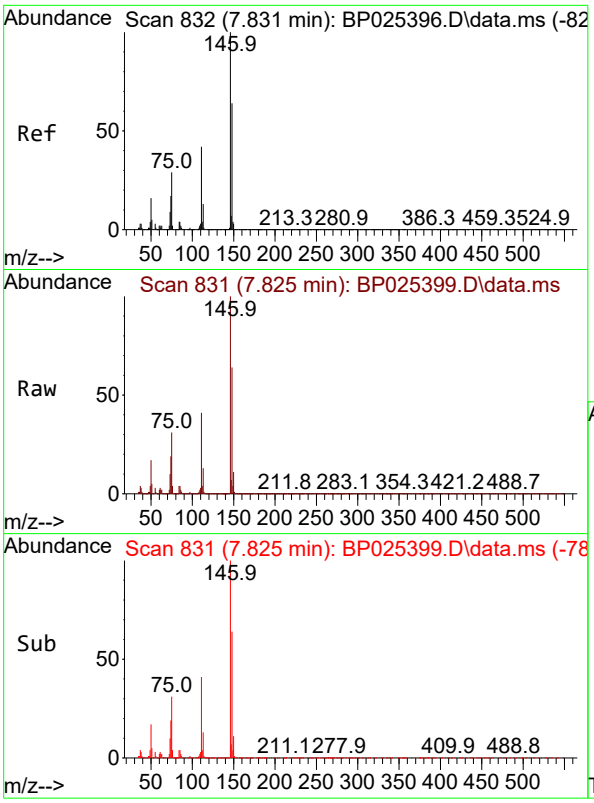


#12
1,3-Dichlorobenzene
Concen: 79.718 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:146 Resp: 950596

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
75	30.3	23.7	35.5





#13
1,4-Dichlorobenzene
Concen: 78.882 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:146 Resp: 96142

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	41.2	33.4	50.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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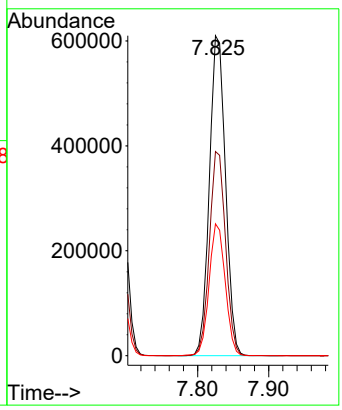
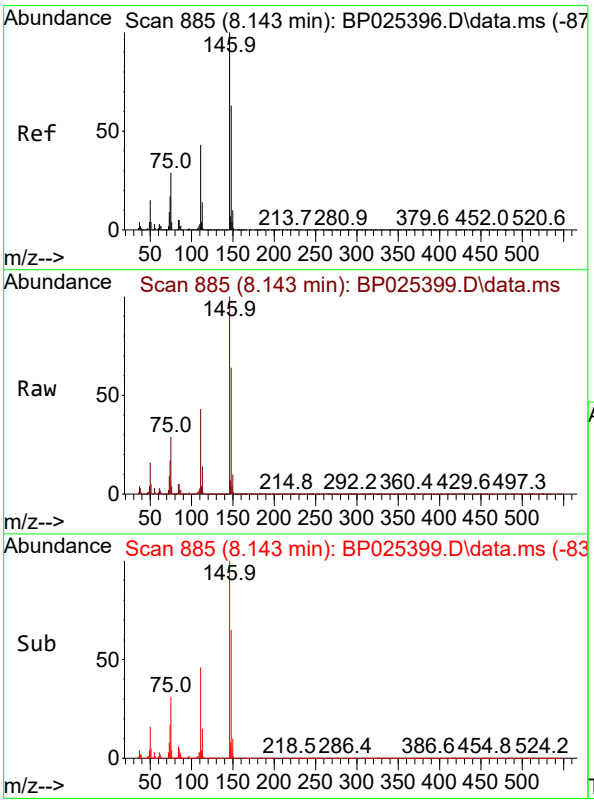
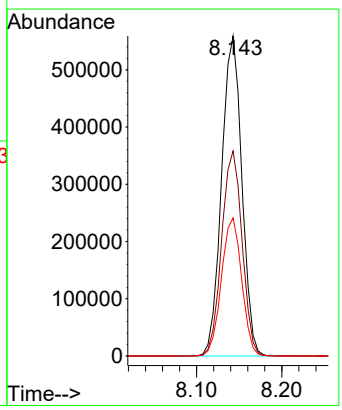


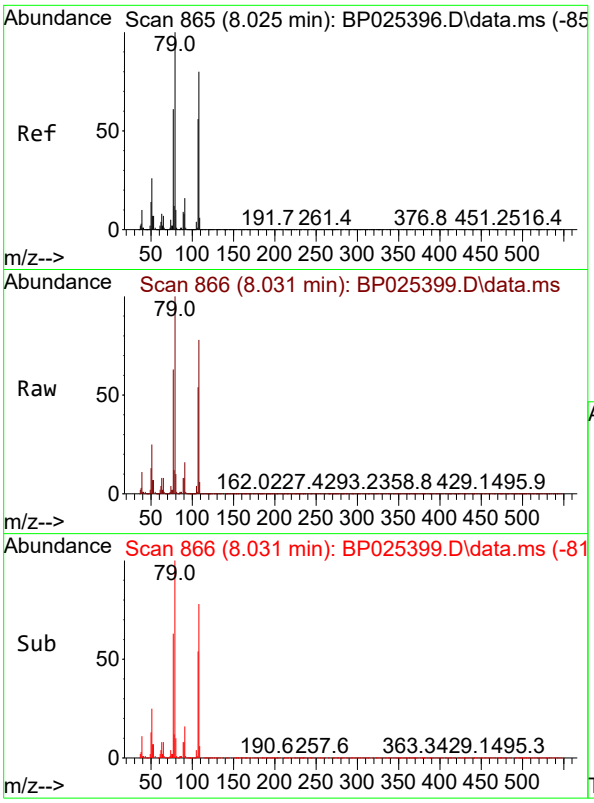


#14
1,2-Dichlorobenzene
Concen: 78.203 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:146 Resp: 922658

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	43.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 81.498 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 79 Resp: 79561

Ion	Ratio	Lower	Upper
79	100		
108	78.3	63.8	95.6
77	62.8	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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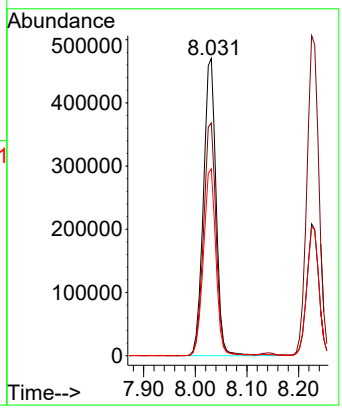
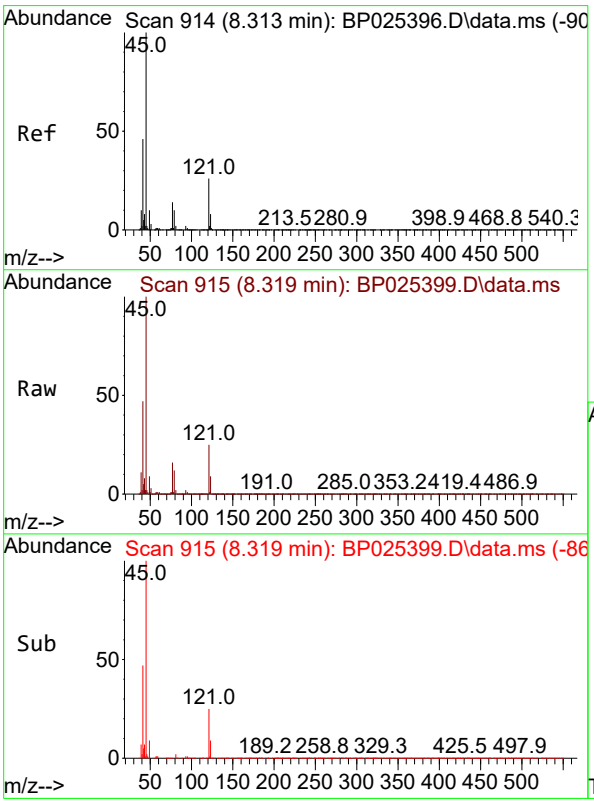
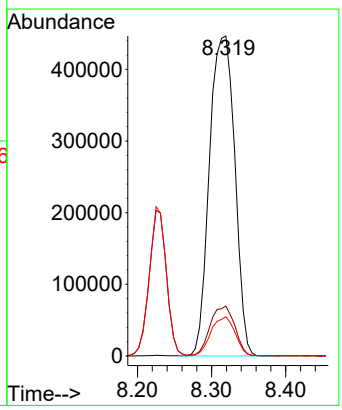


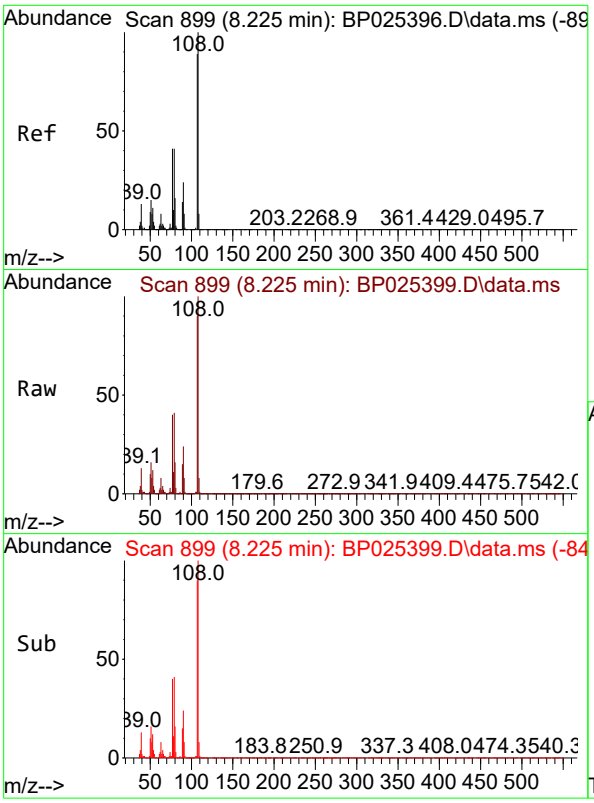


#16
2,2'-oxybis(1-Chloropropane)
Concen: 78.732 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 45 Resp: 1059824

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.3
79	12.2	0.0	31.8

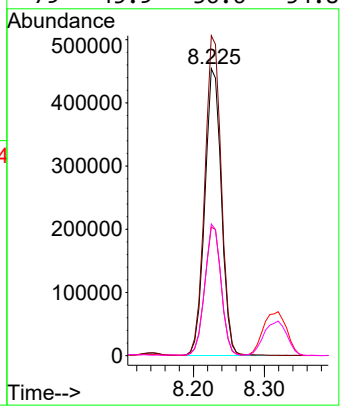




#17
2-Methylphenol
Concen: 82.028 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 73448

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.4	134.0
77	44.8	36.3	54.5
79	45.9	36.6	54.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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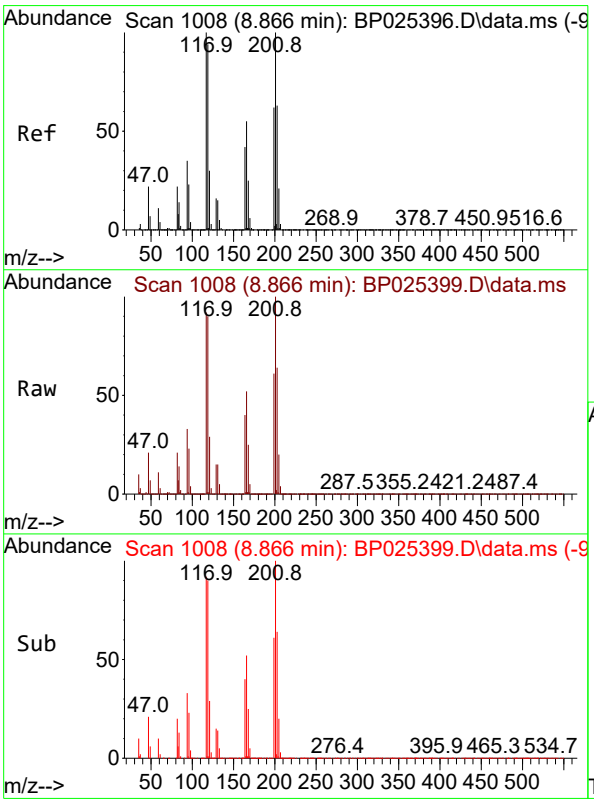
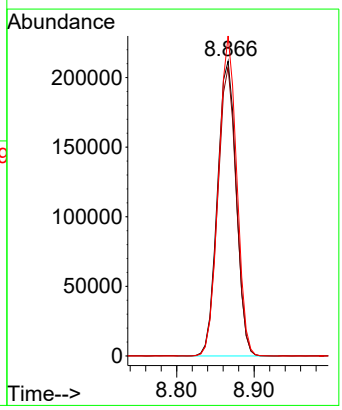
Supervised By :Jagrut Upadhyay 08/15/2025

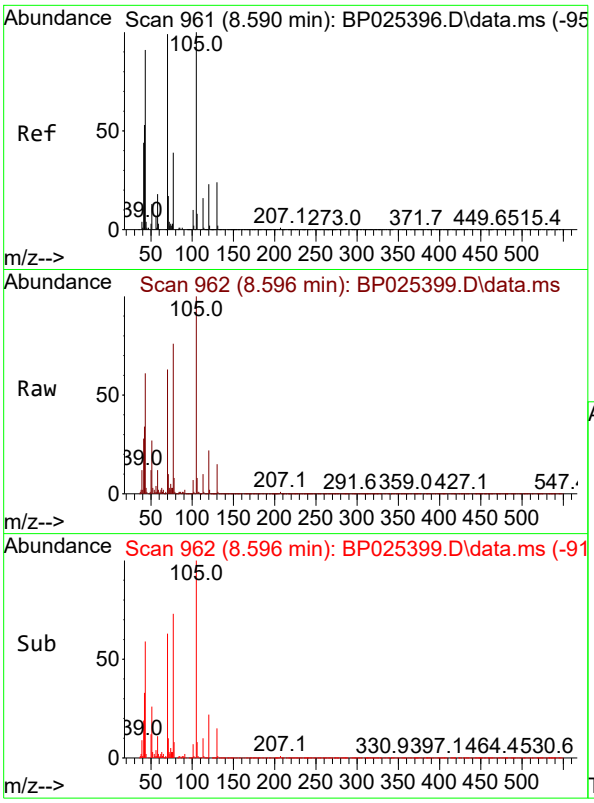


#18
Hexachloroethane
Concen: 79.395 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:117 Resp: 355791

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.1	112.7
201	108.5	80.1	120.1

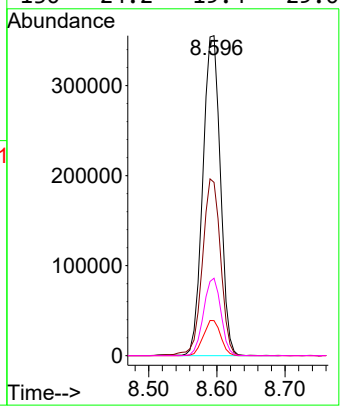




#19
n-Nitroso-di-n-propylamine
Concen: 78.102 ng
RT: 8.596 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 70 Resp: 63638

Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.8	65.6
101	11.0	8.5	12.7
130	24.2	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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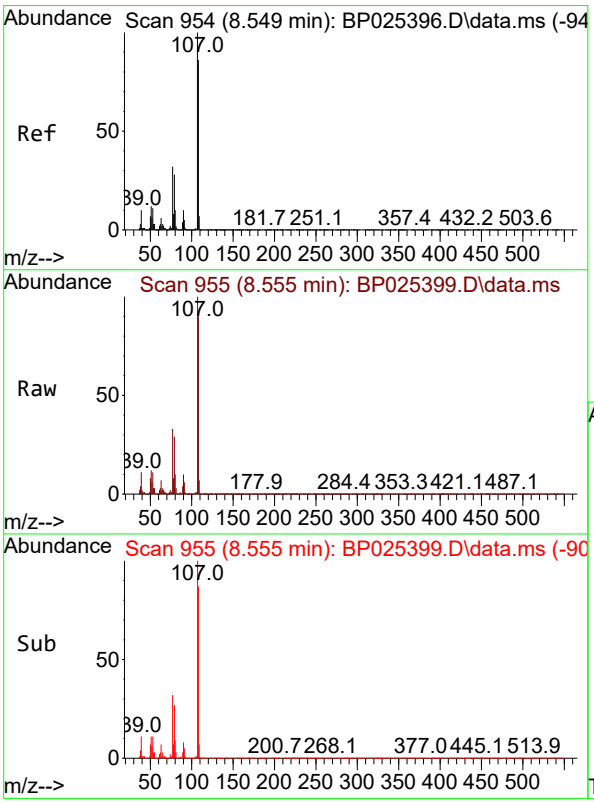
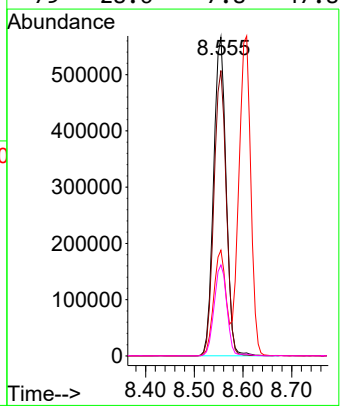
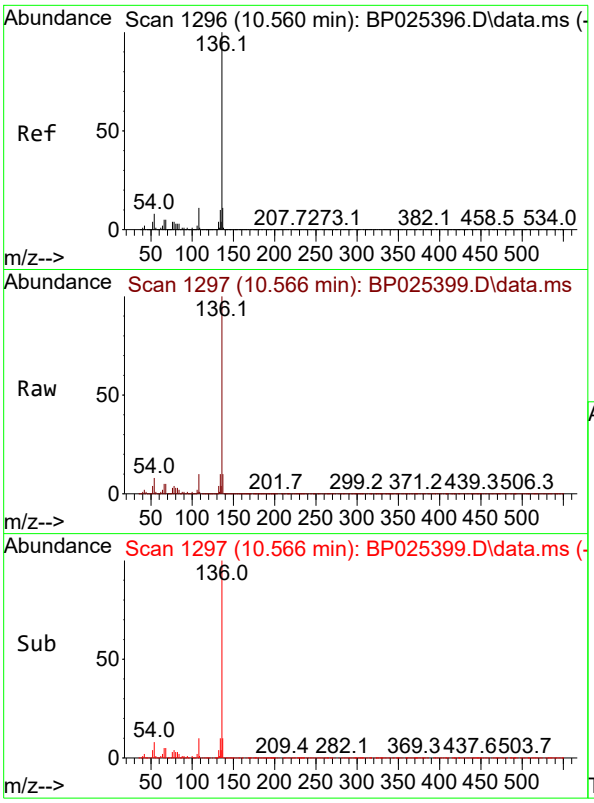


#20
3+4-Methylphenols
Concen: 81.023 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 1005632

Ion	Ratio	Lower	Upper
107	100		
108	89.6	66.3	106.3
77	33.2	12.3	52.3
79	28.6	7.8	47.8

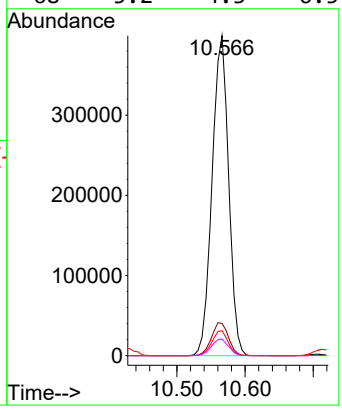




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:136 Resp: 673018

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	7.8	6.0	9.0
68	5.2	4.3	6.5



Instrument :
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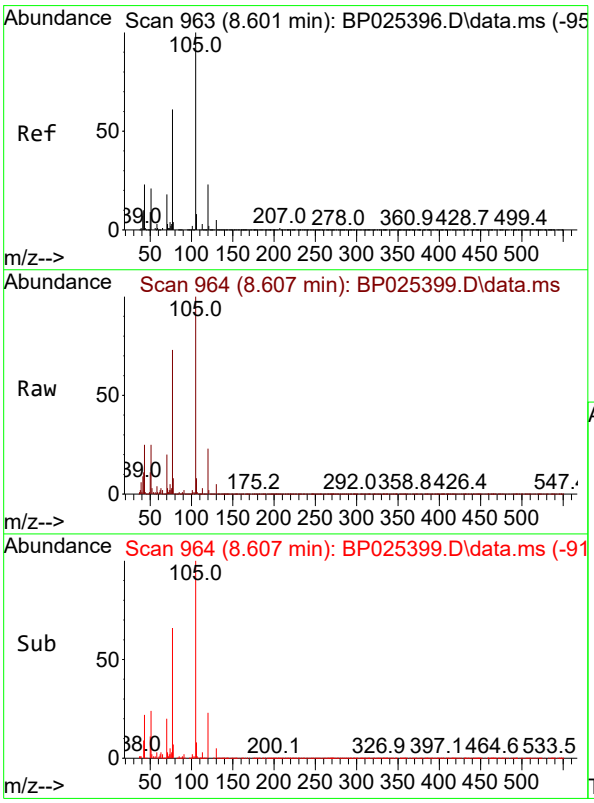
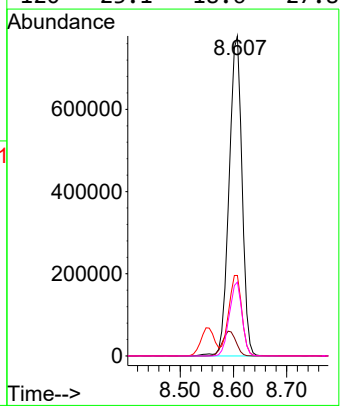
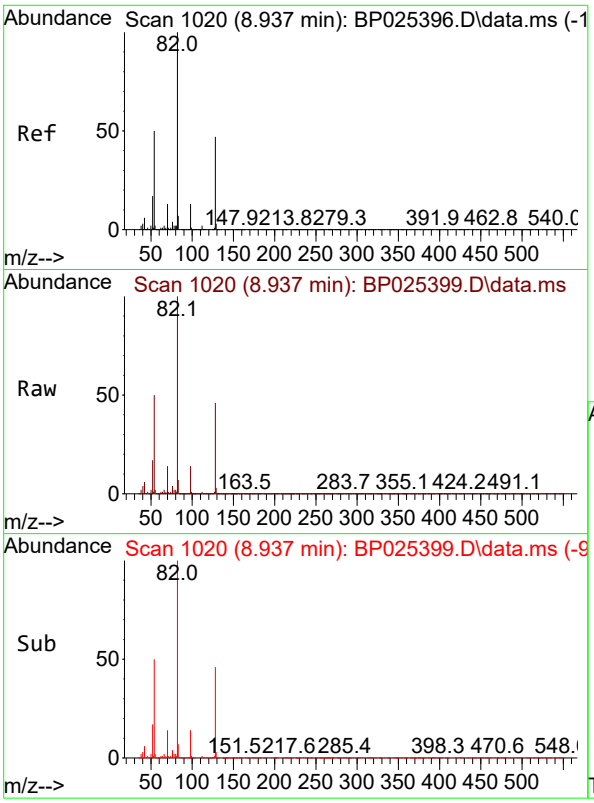


#22
Acetophenone
Concen: 77.886 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:105 Resp: 1314548

Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.6	4.0
51	25.1	20.6	30.8
120	23.1	18.6	27.8

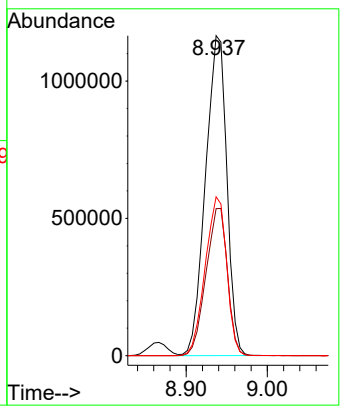




#23
Nitrobenzene-d5
Concen: 159.609 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 82 Resp: 212352

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	49.7	39.8	59.6



Instrument :
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ClientSampleId :
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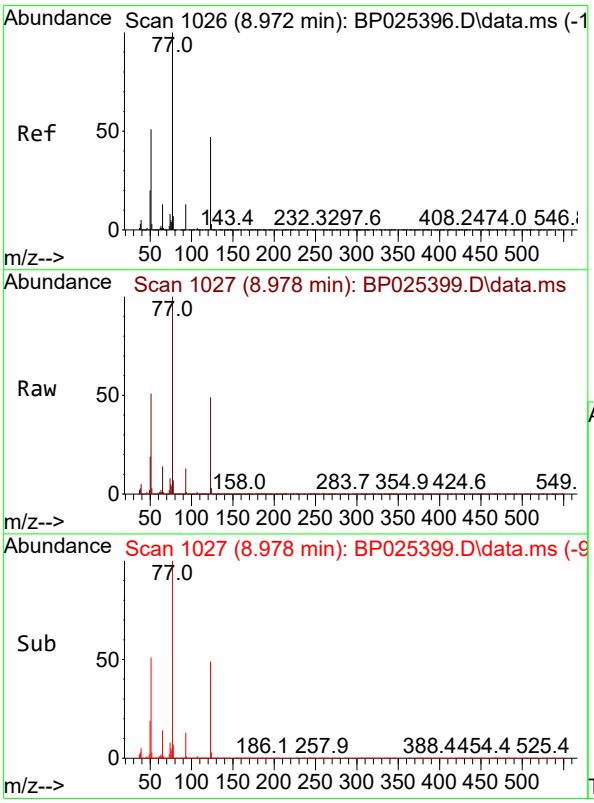
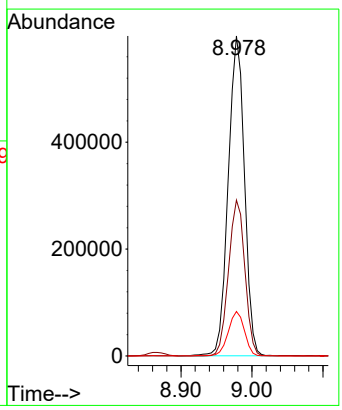
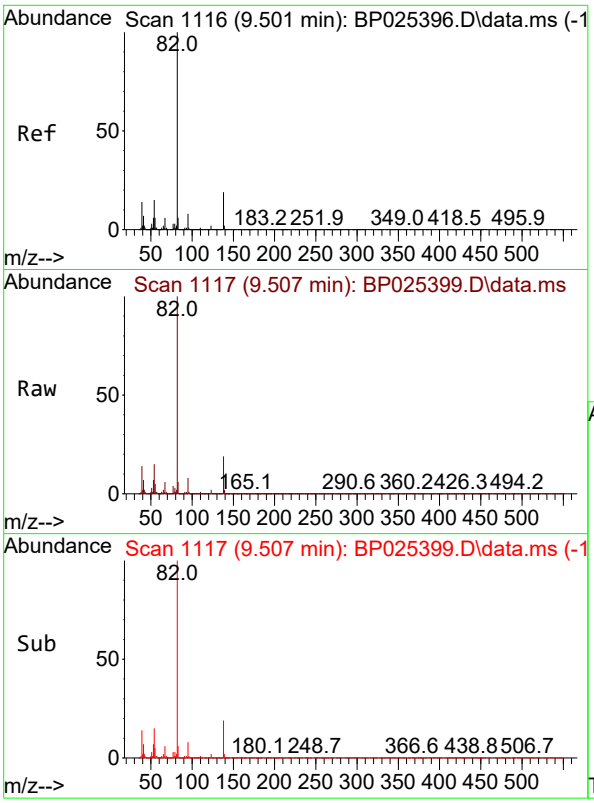


#24
Nitrobenzene
Concen: 79.686 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 947511

Ion	Ratio	Lower	Upper
77	100		
123	48.7	38.6	58.0
65	13.9	10.6	15.8

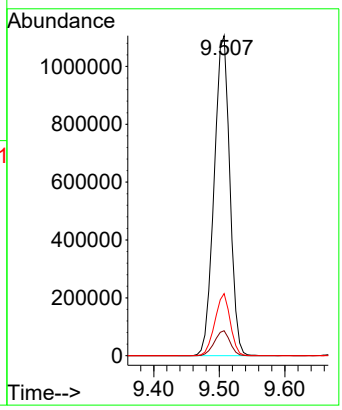




#25
Isophorone
Concen: 77.708 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 82 Resp: 182967

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	19.4	15.4	23.0



Instrument :
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ClientSampleId :
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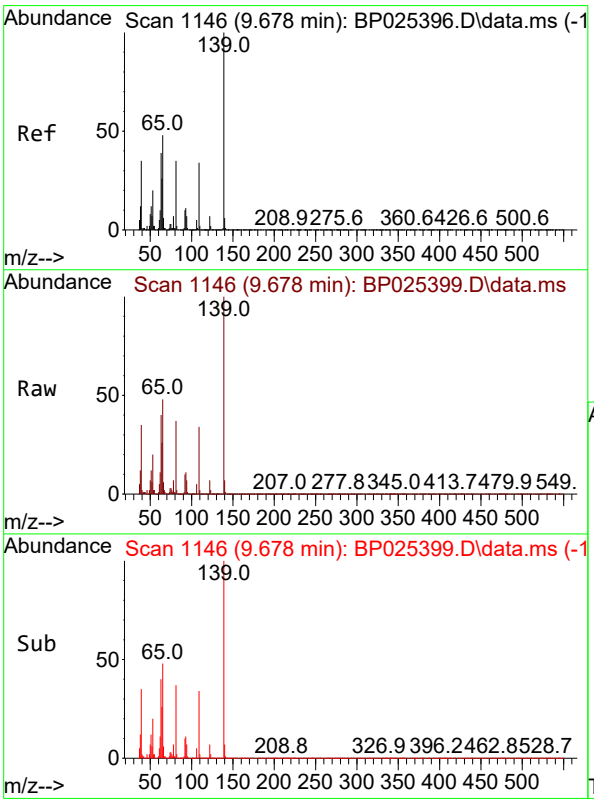
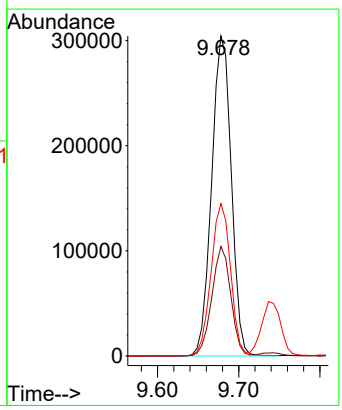
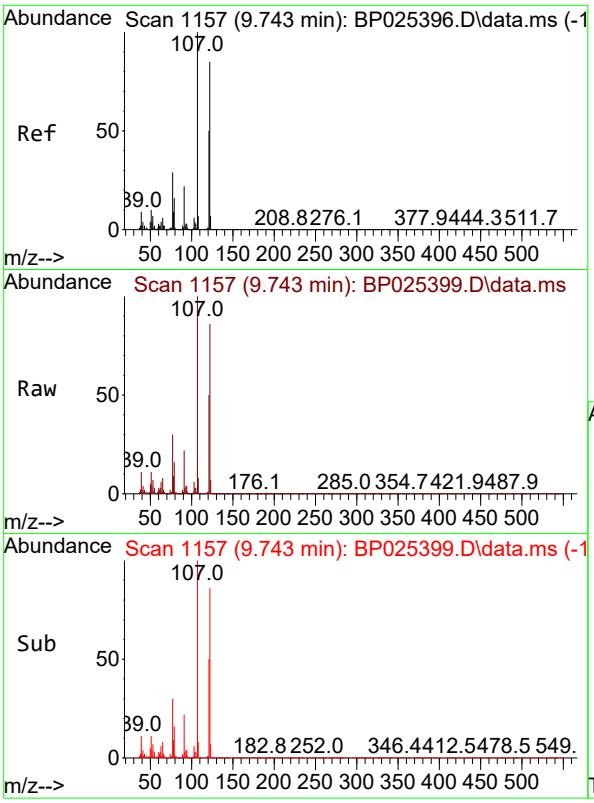


#26
2-Nitrophenol
Concen: 83.872 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:139 Resp: 511806

Ion	Ratio	Lower	Upper
139	100		
109	34.2	26.9	40.3
65	47.6	38.3	57.5

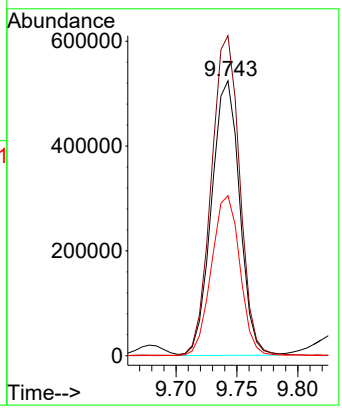




#27
2,4-Dimethylphenol
Concen: 80.280 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:122 Resp: 84246

Ion	Ratio	Lower	Upper
122	100		
107	116.4	93.7	140.5
121	58.2	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
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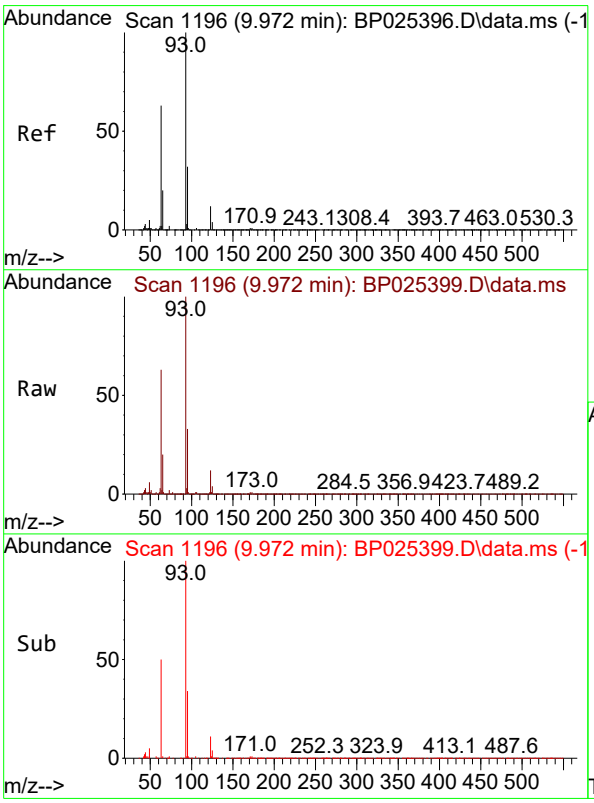
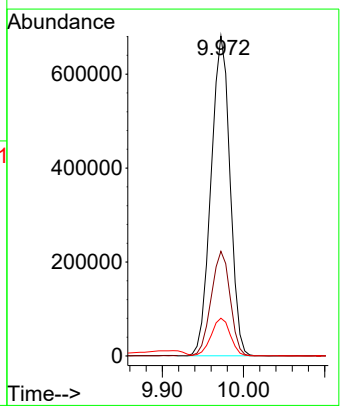
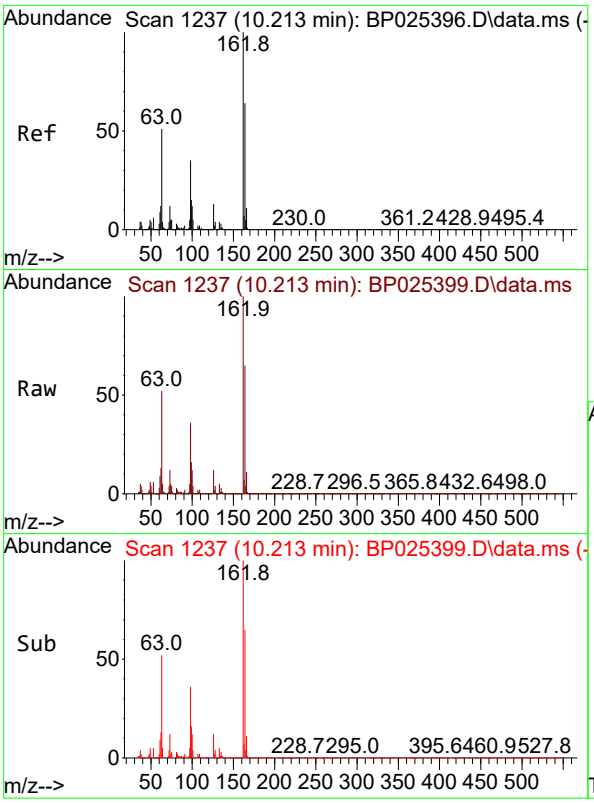


#28
bis(2-Chloroethoxy)methane
Concen: 77.542 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 93 Resp: 1103640

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.8	9.4	14.0

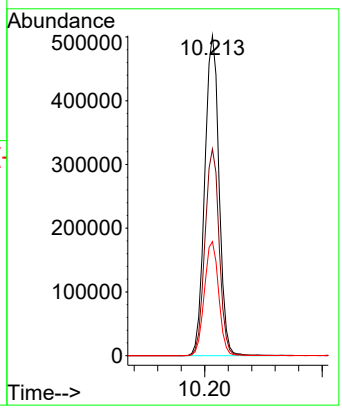




#29
2,4-Dichlorophenol
Concen: 81.037 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:162 Resp: 84478

Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.4	84.4
98	35.6	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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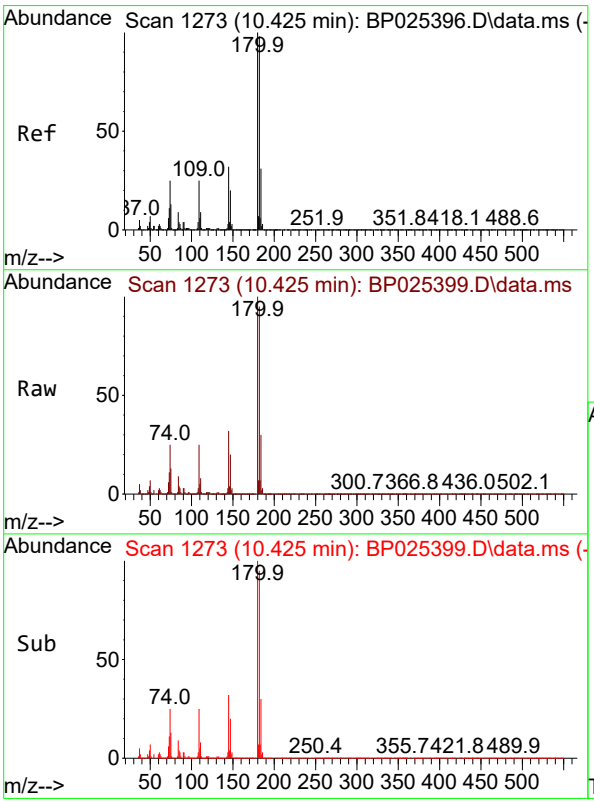
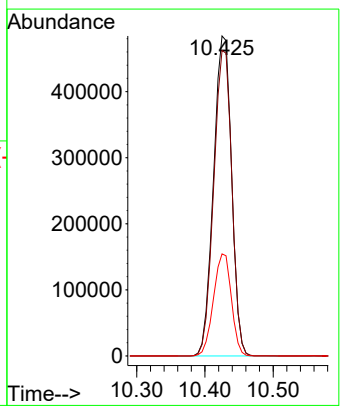
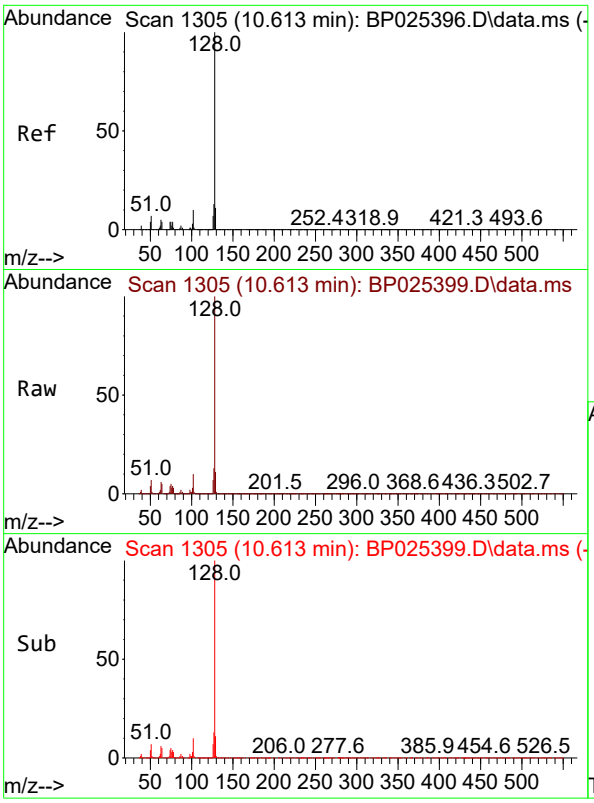


#30
1,2,4-Trichlorobenzene
Concen: 78.123 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:180 Resp: 892771

Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.0	117.0
145	31.9	25.9	38.9

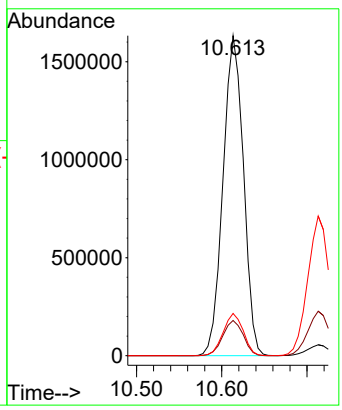




#31
Naphthalene
Concen: 77.835 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:128 Resp: 272270

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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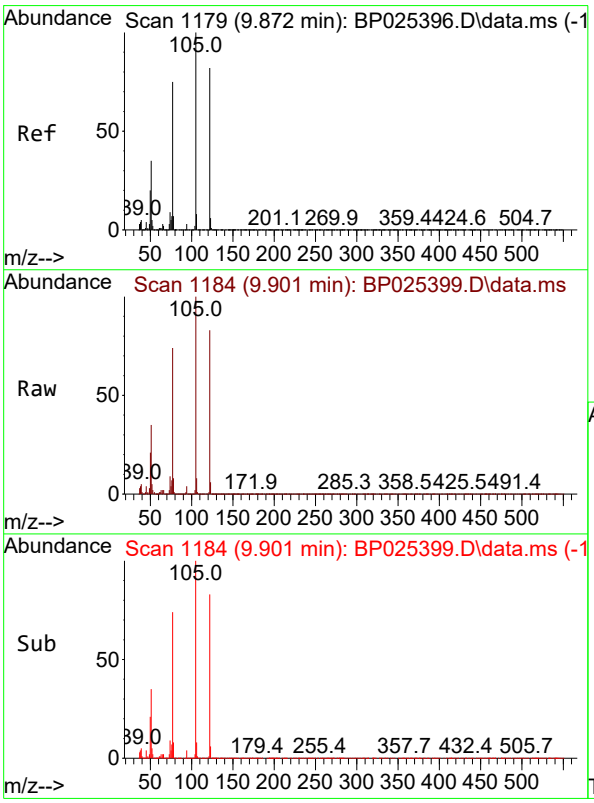
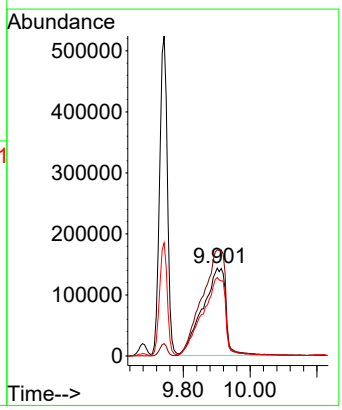
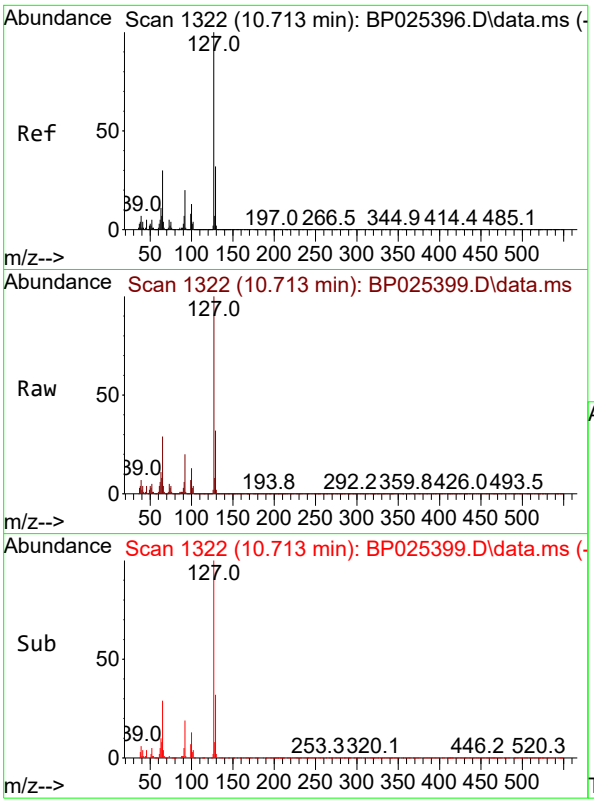


#32
Benzoic acid
Concen: 88.861 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:122 Resp: 686791

Ion	Ratio	Lower	Upper
122	100		
105	121.0	100.6	140.6
77	89.3	71.5	111.5

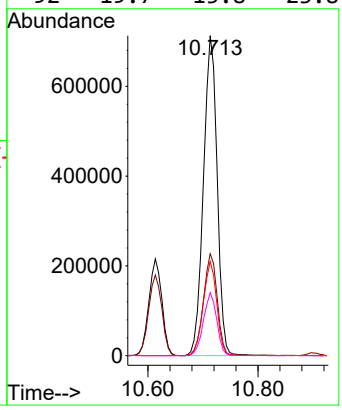




#33
4-Chloroaniline
Concen: 79.761 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:127 Resp: 123243

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	29.4	23.8	35.6
92	19.7	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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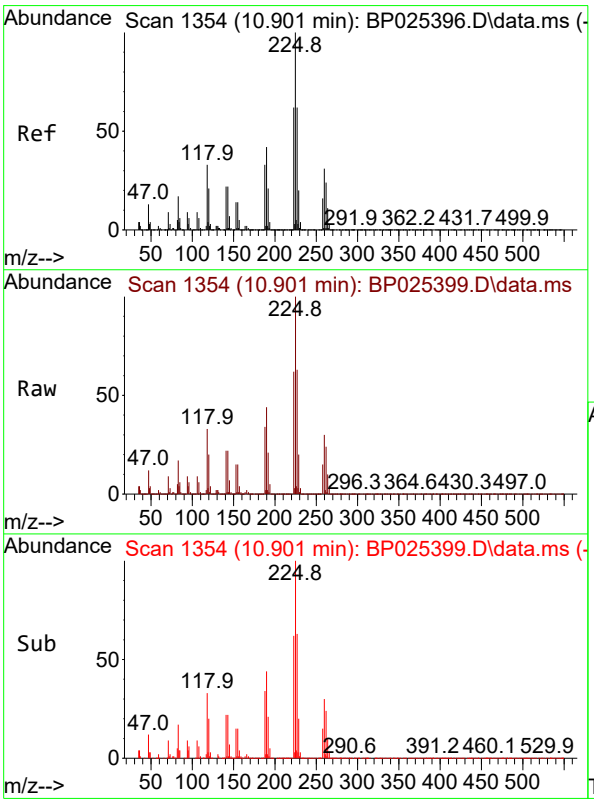
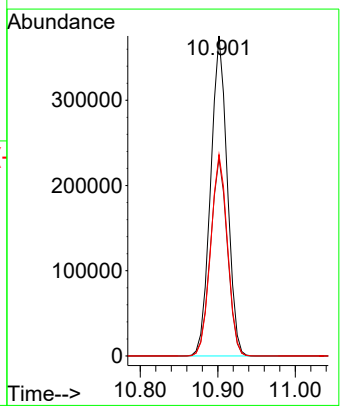
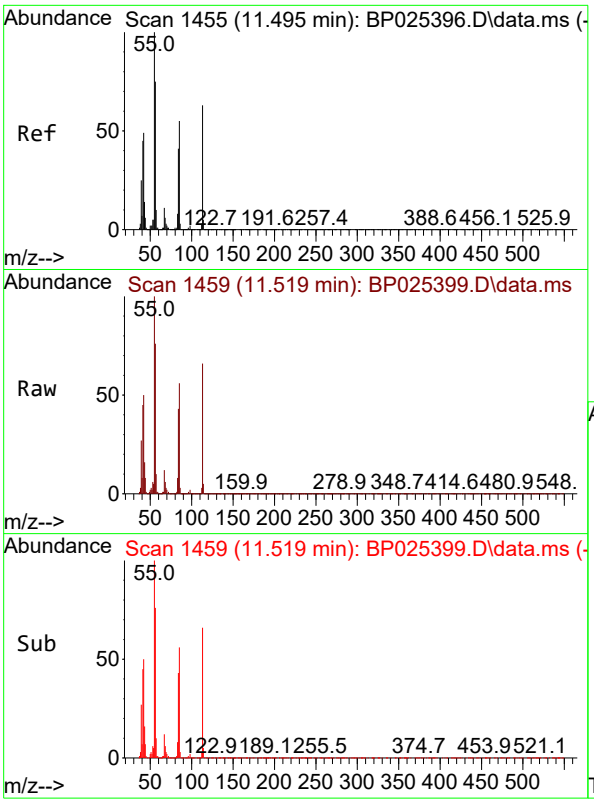


#34
Hexachlorobutadiene
Concen: 78.393 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:225 Resp: 557922

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.0	75.0
227	62.9	49.7	74.5





#35
Caprolactam
Concen: 79.233 ng
RT: 11.519 min Scan# 14
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:113 Resp: 30287

Ion	Ratio	Lower	Upper
113	100		
55	151.5	140.0	180.0
56	115.6	100.0	140.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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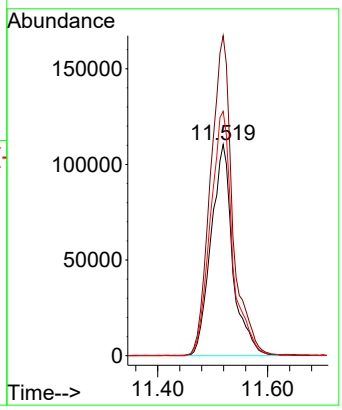
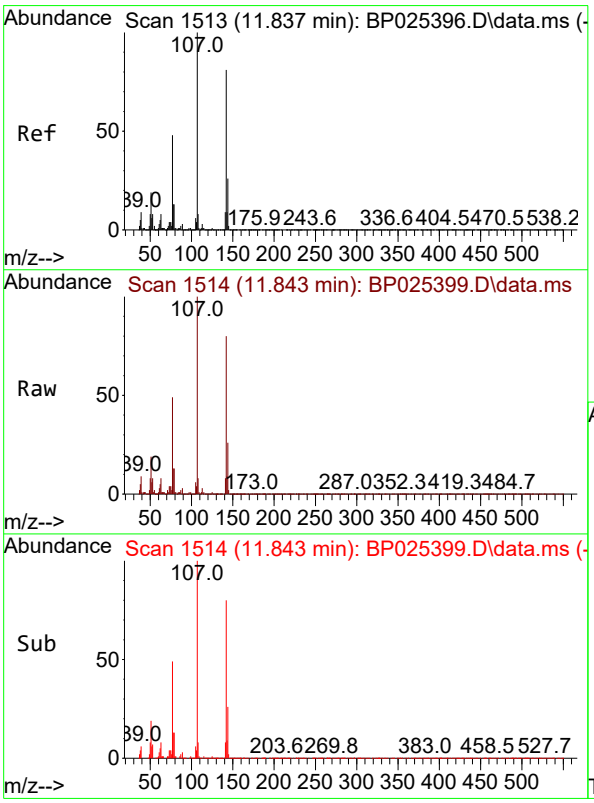
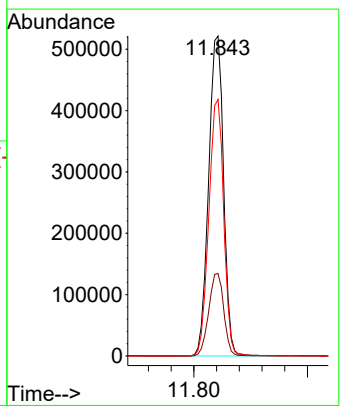


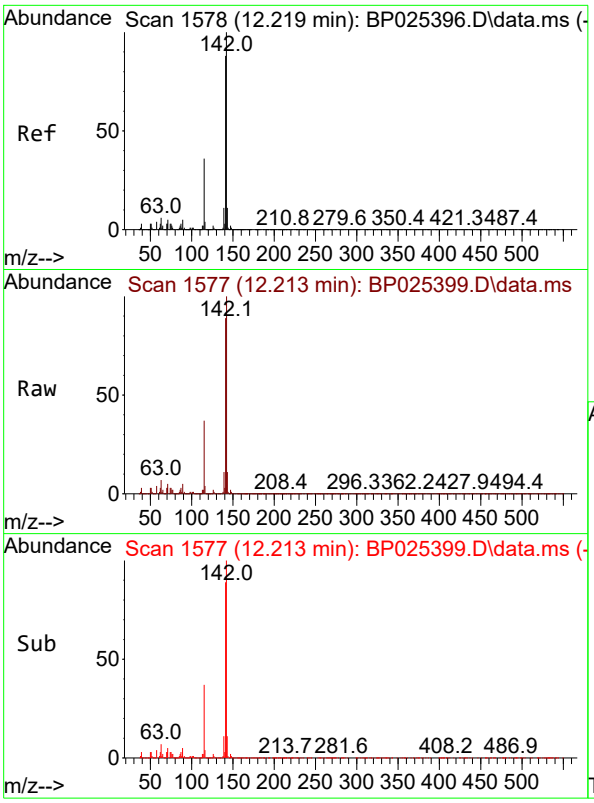


#36
4-Chloro-3-methylphenol
Concen: 79.399 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 949779

Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.4
142	80.2	64.6	97.0

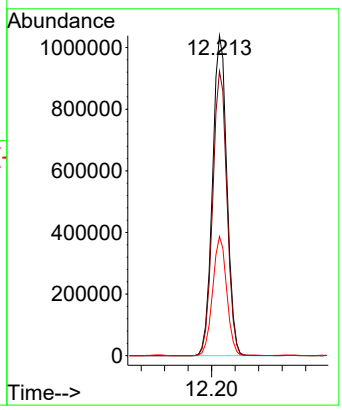




#37
2-Methylnaphthalene
Concen: 77.372 ng
RT: 12.213 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:142 Resp: 176132

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5
115	37.2	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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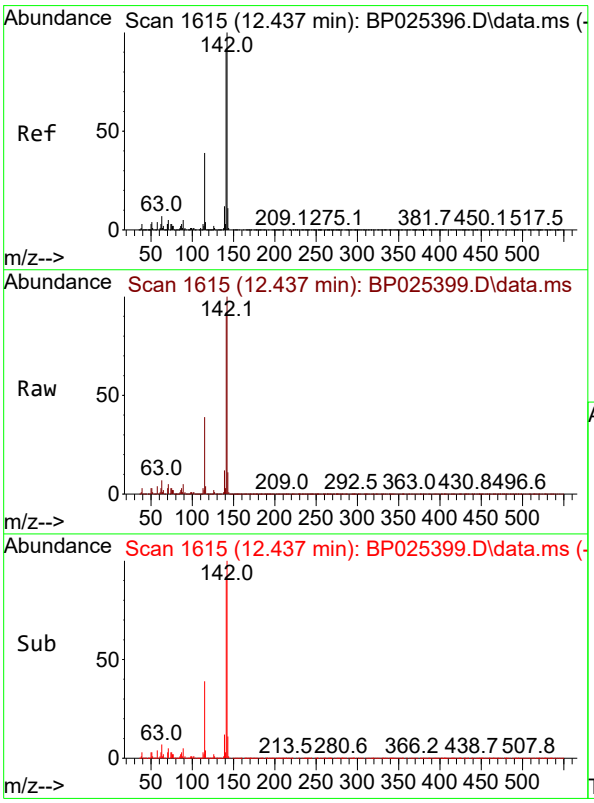
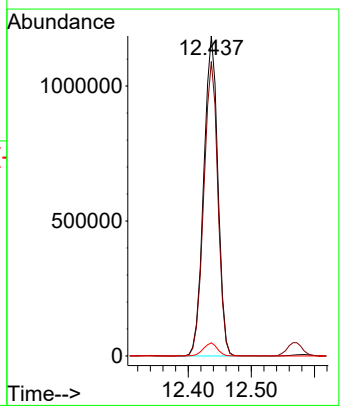
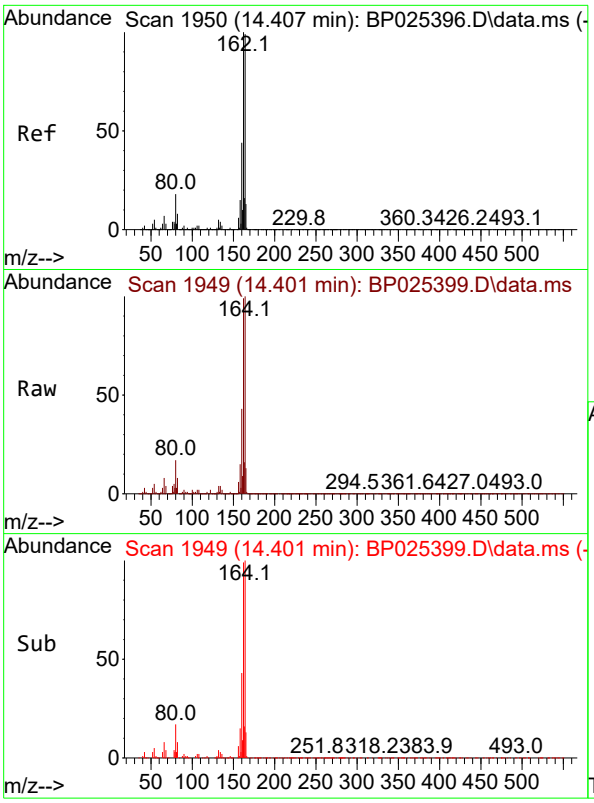


#38
1-Methylnaphthalene
Concen: 76.186 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:142 Resp: 1844376

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.1	109.7
116	4.1	3.2	4.8

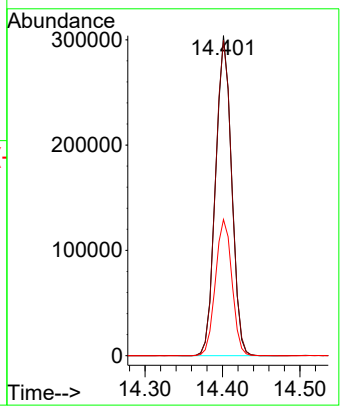




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:164 Resp: 43604

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.0	121.6
160	42.6	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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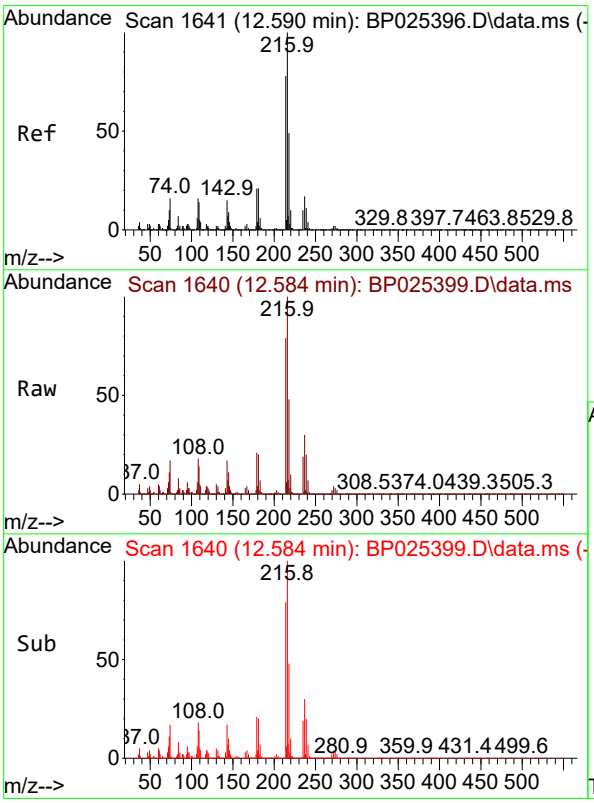
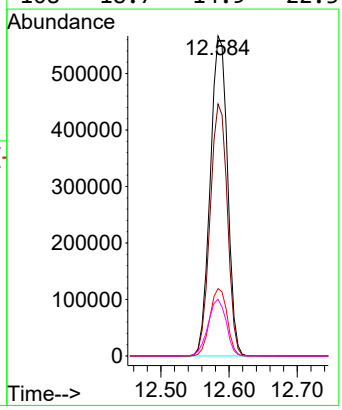
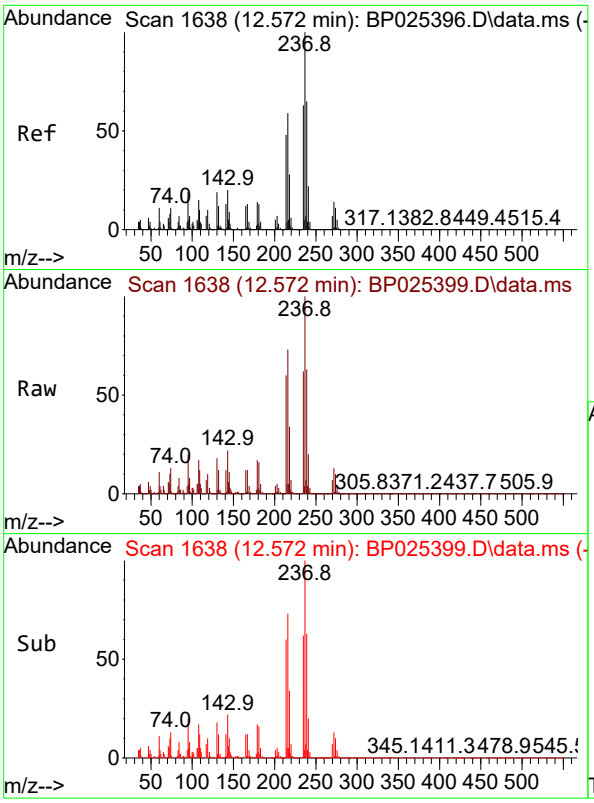


#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.014 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:216 Resp: 995064

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.2	17.1	25.7
108	18.7	14.9	22.3

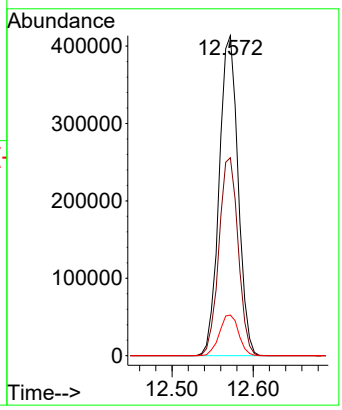




#41
Hexachlorocyclopentadiene
Concen: 87.916 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:237 Resp: 66877

Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.7	82.7
272	12.7	0.0	34.0



Instrument :
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ClientSampleId :
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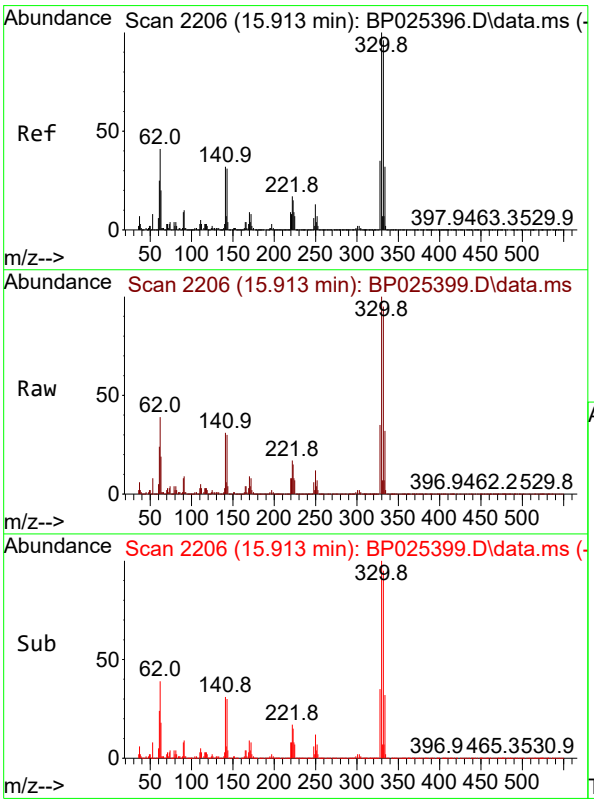
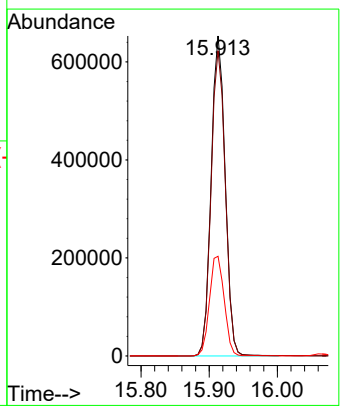
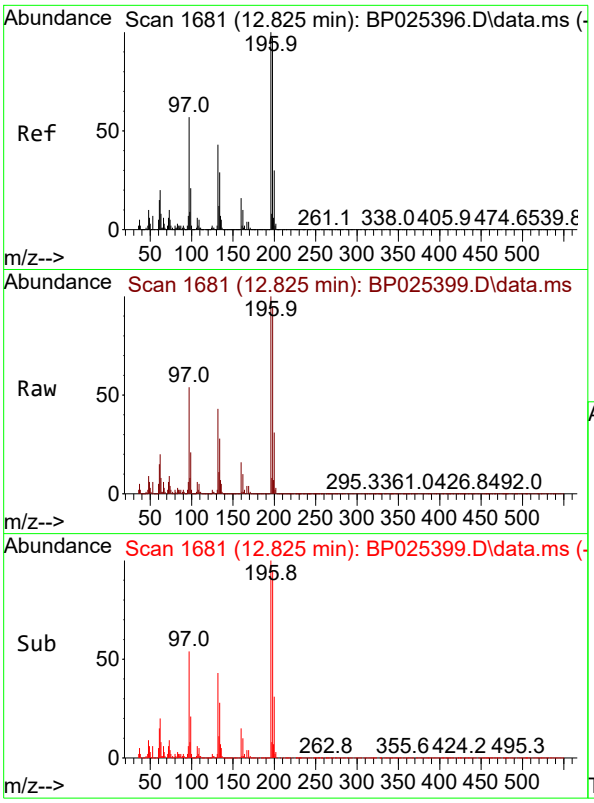


#42
2,4,6-Tribromophenol
Concen: 159.559 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:330 Resp: 936489

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	32.8	26.6	39.8

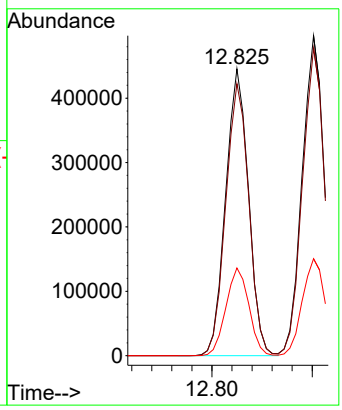




#43
2,4,6-Trichlorophenol
Concen: 83.096 ng
RT: 12.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:196 Resp: 70648

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.2	115.8
200	30.5	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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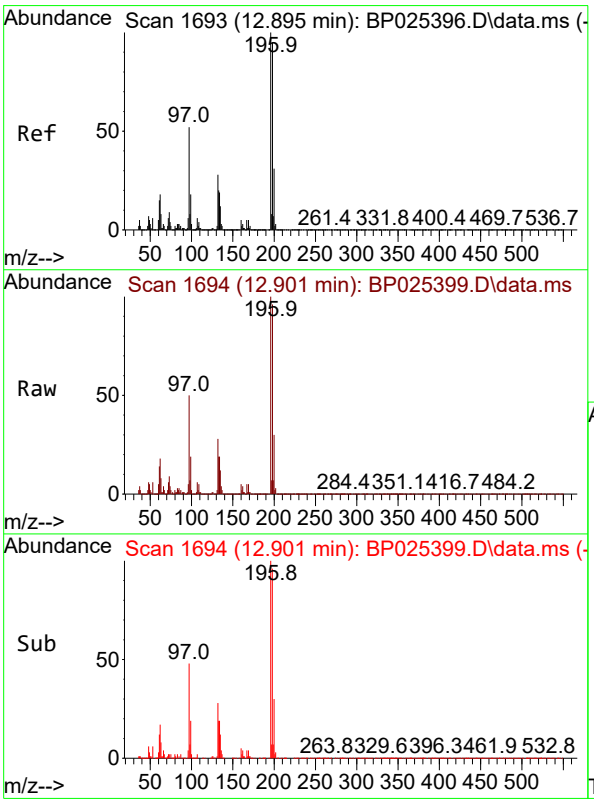
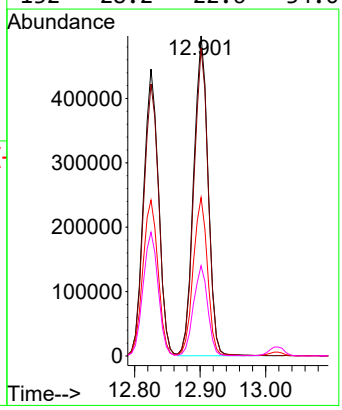
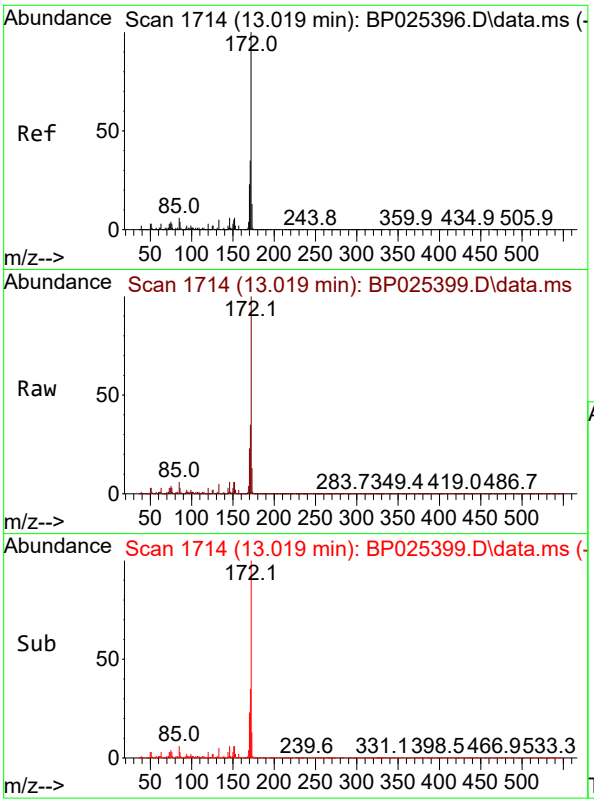


#44
2,4,5-Trichlorophenol
Concen: 81.870 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:196 Resp: 762861

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.2
97	49.5	41.2	61.8
132	28.2	22.6	34.0

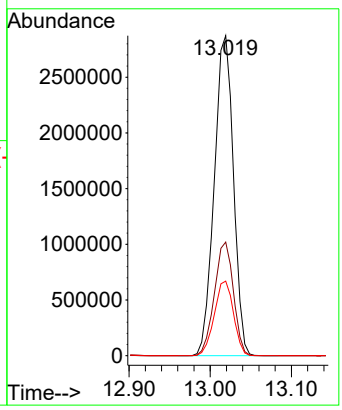




#45
2-Fluorobiphenyl
Concen: 147.705 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:172 Resp: 471259

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.3	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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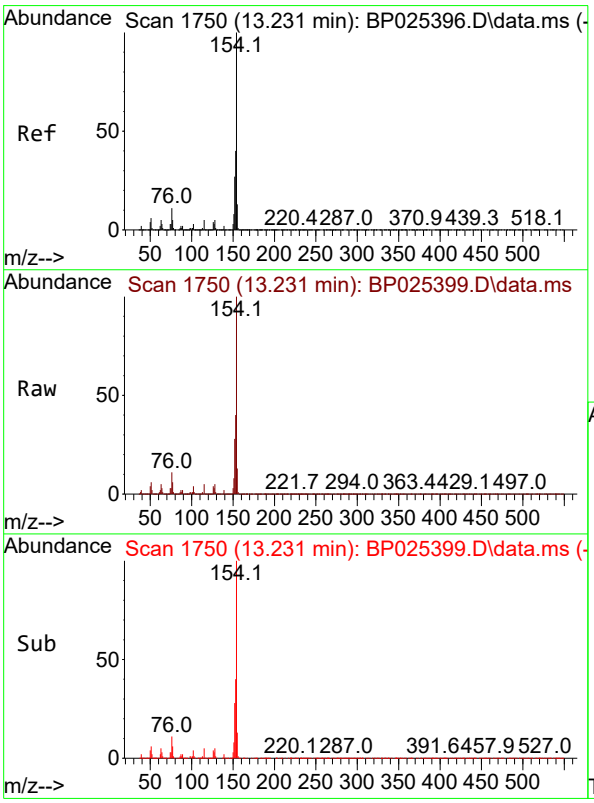
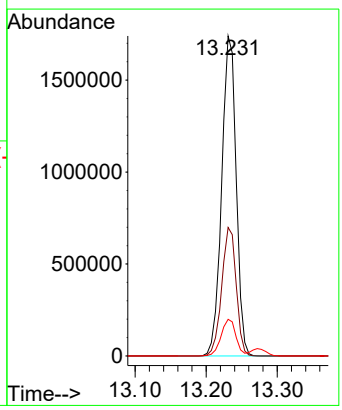
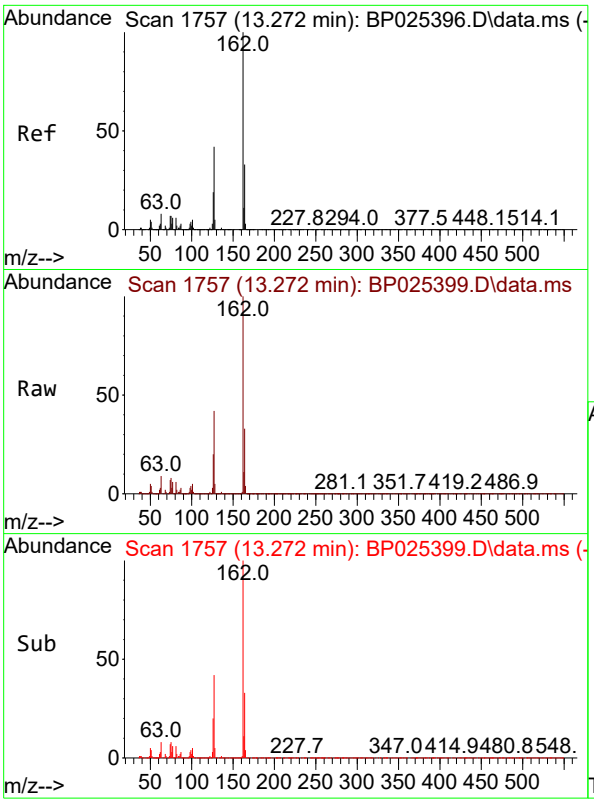


#46
1,1'-Biphenyl
Concen: 77.476 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:154 Resp: 2453536

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	11.5	0.0	31.1

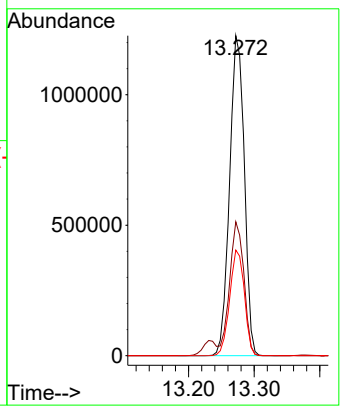




#47
2-Chloronaphthalene
Concen: 77.804 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:162 Resp: 191812

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.4	50.2
164	33.0	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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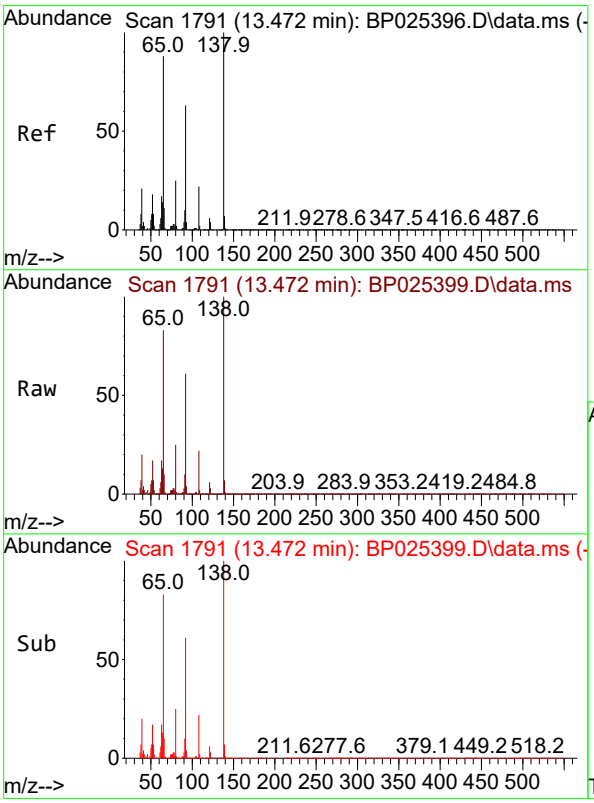
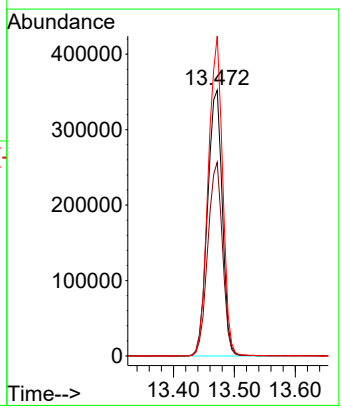
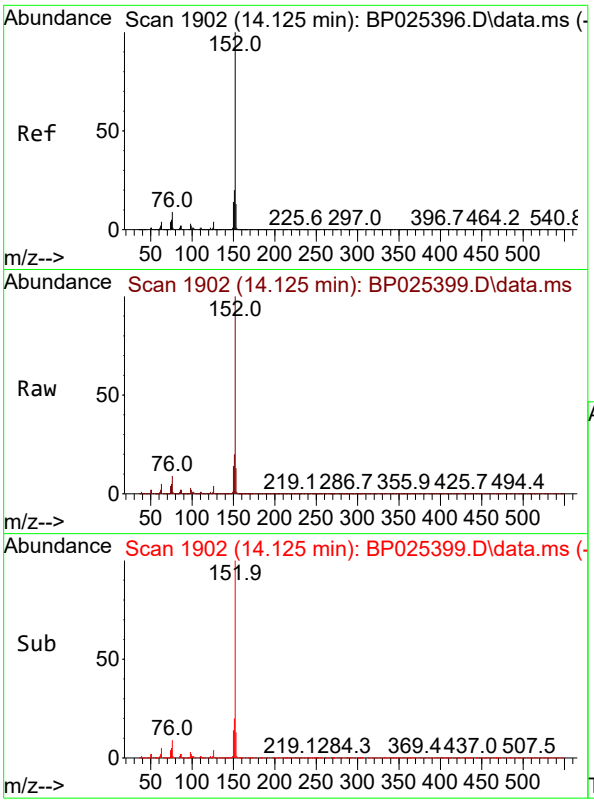


#48
2-Nitroaniline
Concen: 82.788 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 65 Resp: 594696

Ion	Ratio	Lower	Upper
65	100		
92	72.9	57.6	86.4
138	120.4	91.0	136.6

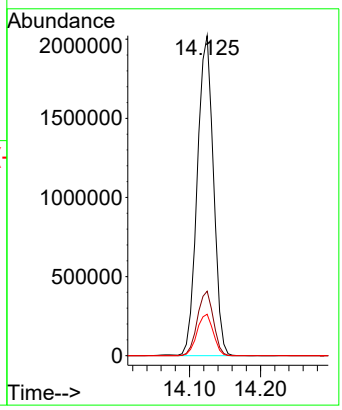




#49
Acenaphthylene
Concen: 78.318 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:152 Resp: 319491

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.0	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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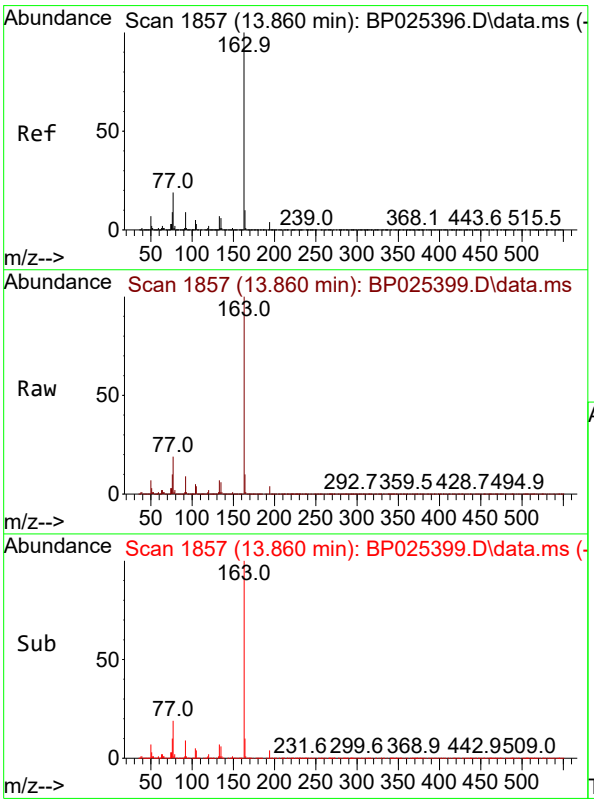
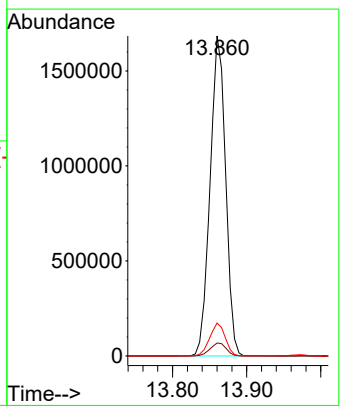
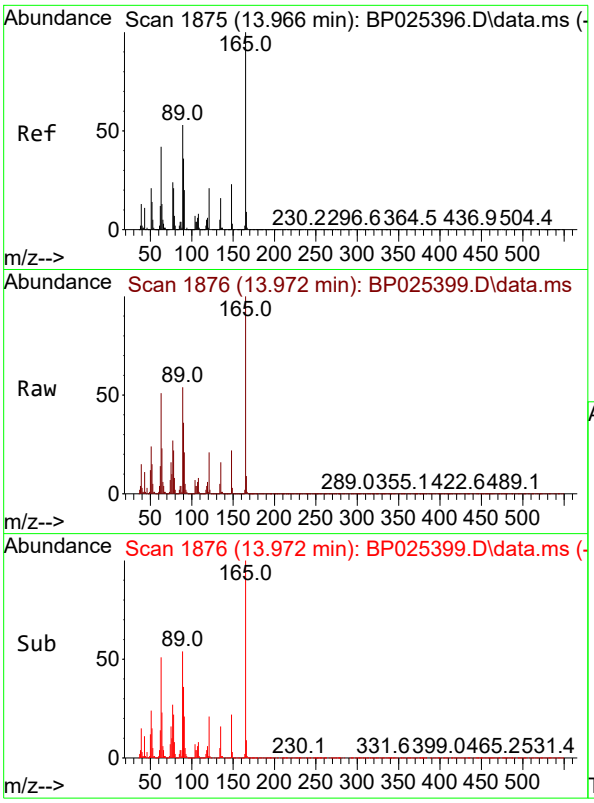


#50
Dimethylphthalate
Concen: 76.632 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:163 Resp: 2446951

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 80.639 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:165 Resp: 54271

Ion	Ratio	Lower	Upper
165	100		
63	51.0	40.9	61.3
89	54.4	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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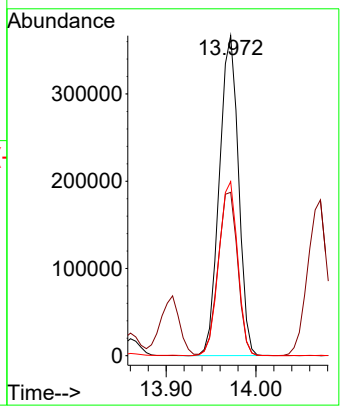
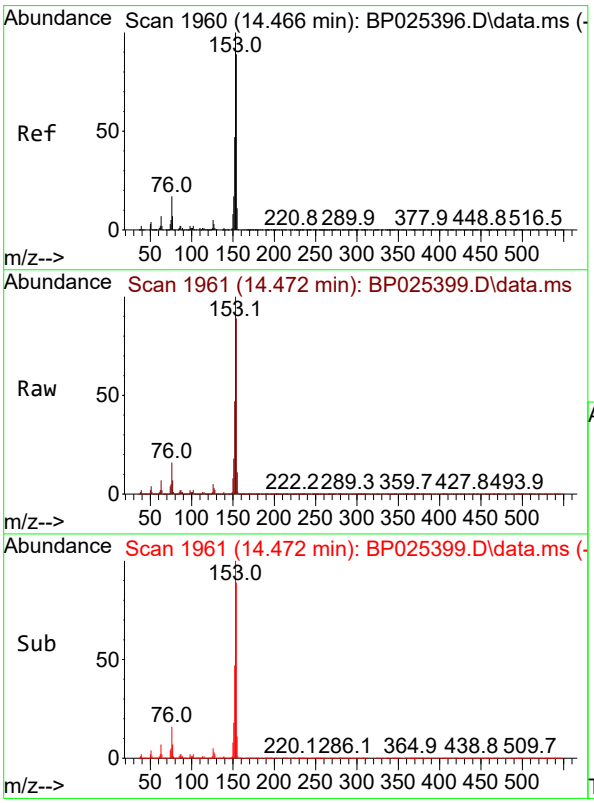
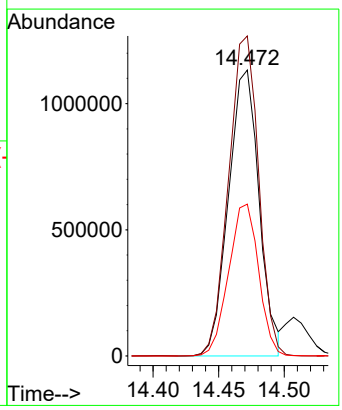


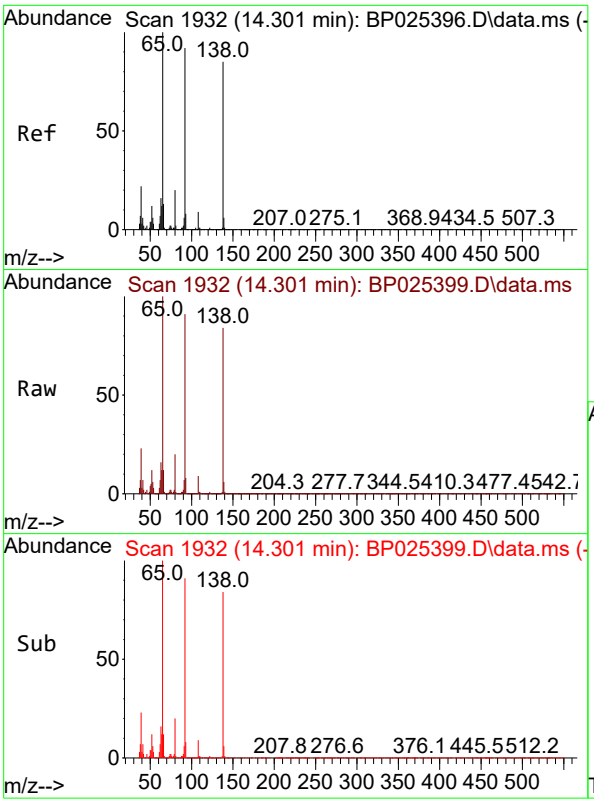


#52
Acenaphthene
Concen: 76.902 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:154 Resp: 1841448

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.2	135.2
152	53.1	42.1	63.1





#53
3-Nitroaniline
Concen: 81.627 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 61808

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.3	12.5
92	108.1	86.2	129.2

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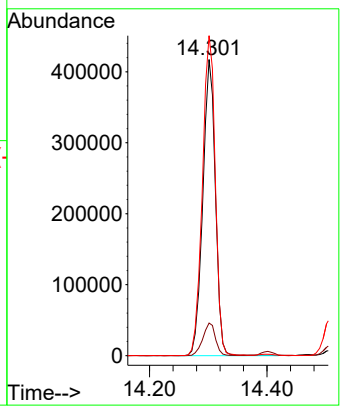
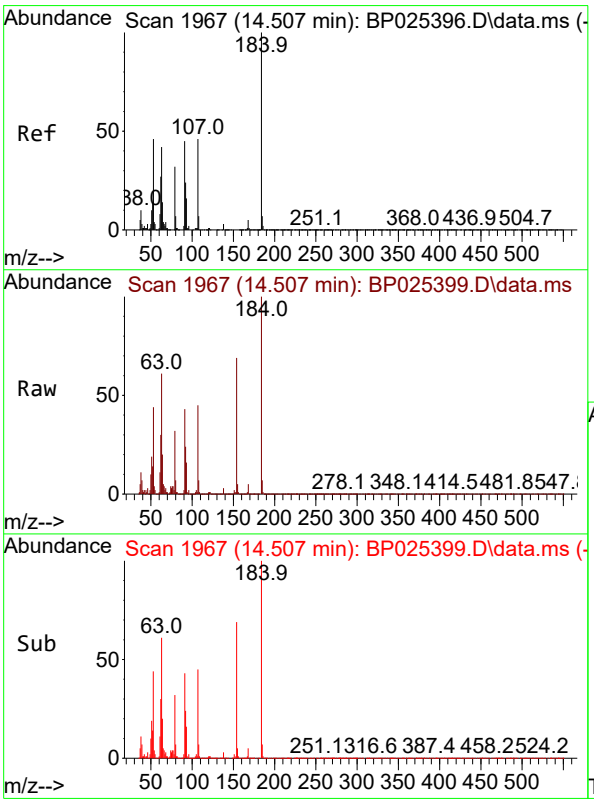
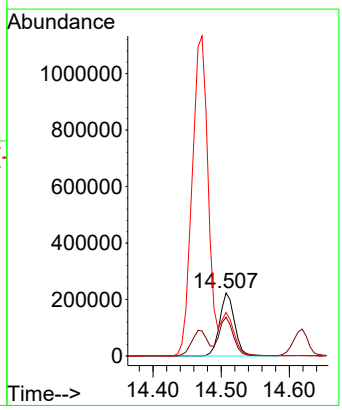


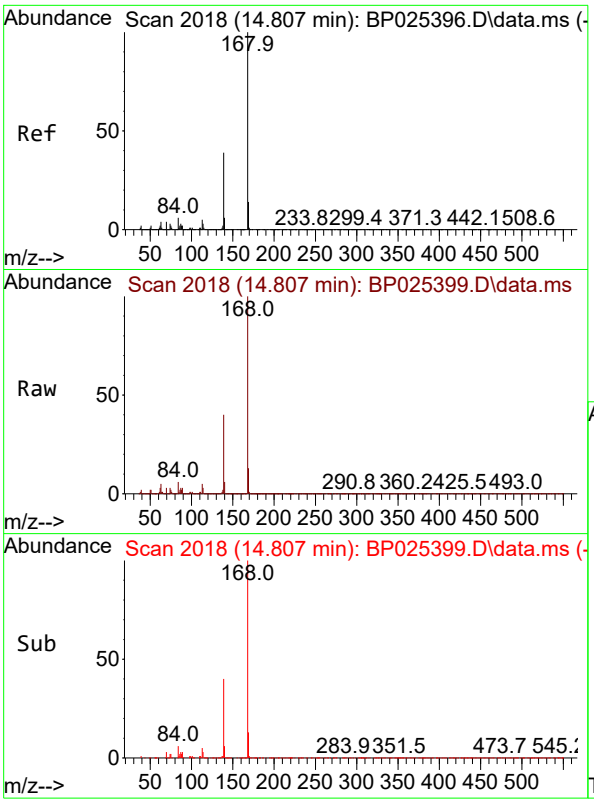


#54
2,4-Dinitrophenol
Concen: 94.356 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:184 Resp: 339125

Ion	Ratio	Lower	Upper
184	100		
63	61.4	49.4	74.2
154	68.6	54.6	82.0





#55
Dibenzofuran
Concen: 77.023 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:168 Resp: 291593

Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.5	47.3
169	13.1	10.9	16.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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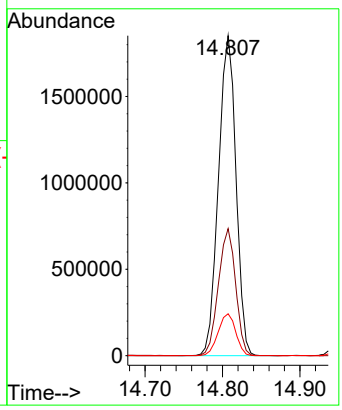
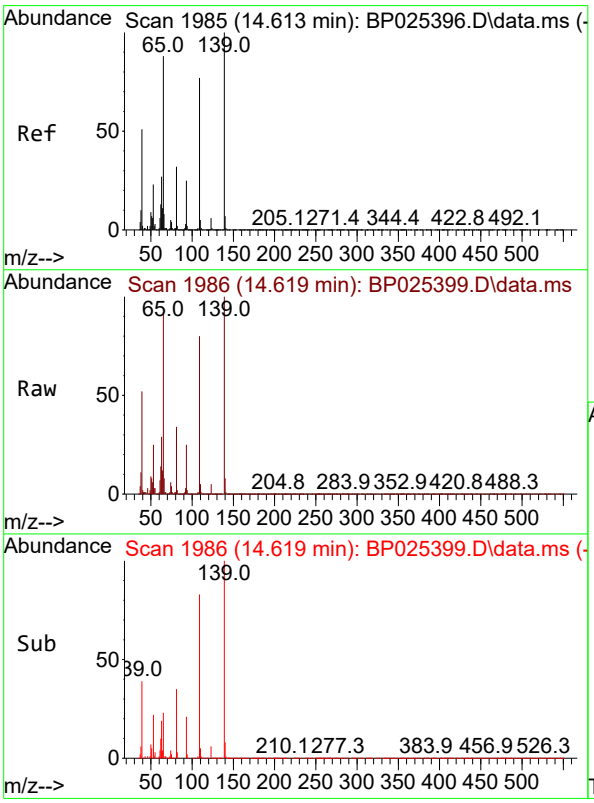
Supervised By :Jagrut Upadhyay 08/15/2025

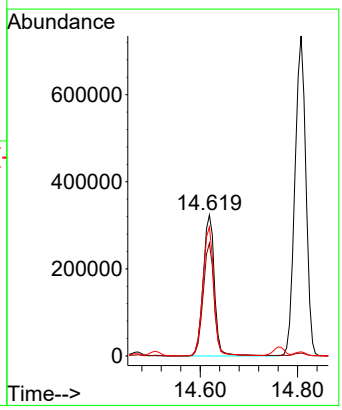


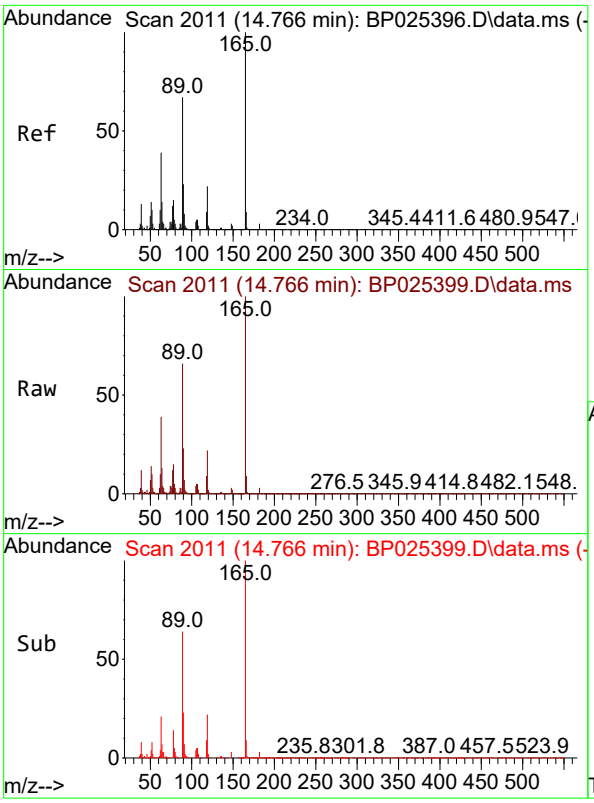


#56
4-Nitrophenol
Concen: 83.618 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:139 Resp: 520294

Ion	Ratio	Lower	Upper
139	100		
109	80.0	56.6	96.6
65	91.5	68.2	108.2

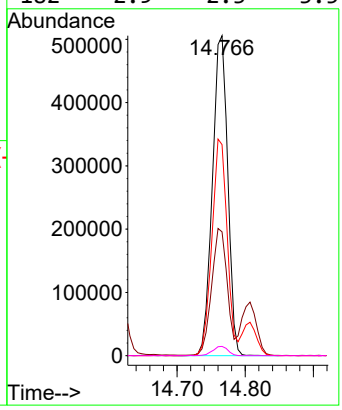




#57
2,4-Dinitrotoluene
Concen: 82.399 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:165 Resp: 79121

Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.4	47.2
89	66.0	53.3	79.9
182	2.9	2.3	3.5



Instrument :
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ClientSampleId :
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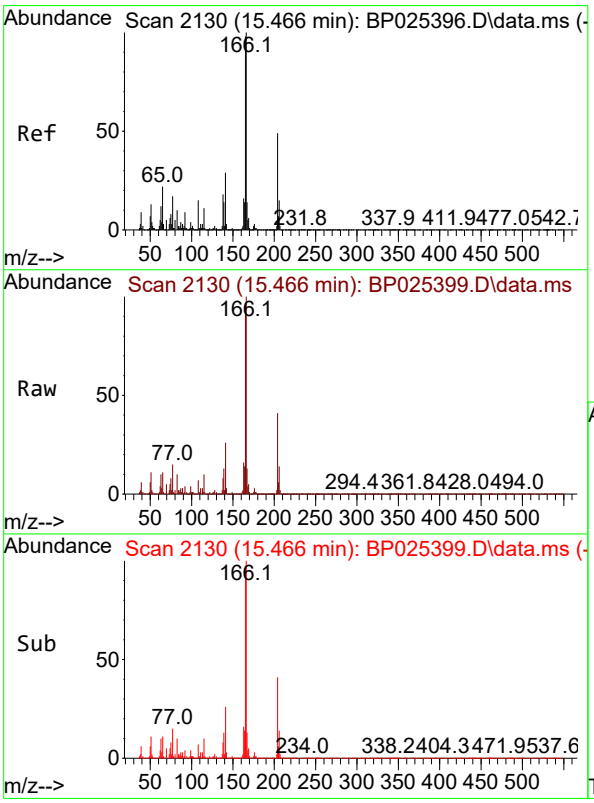
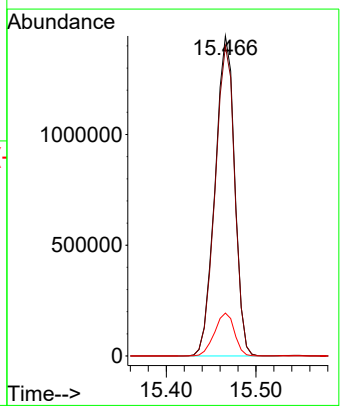
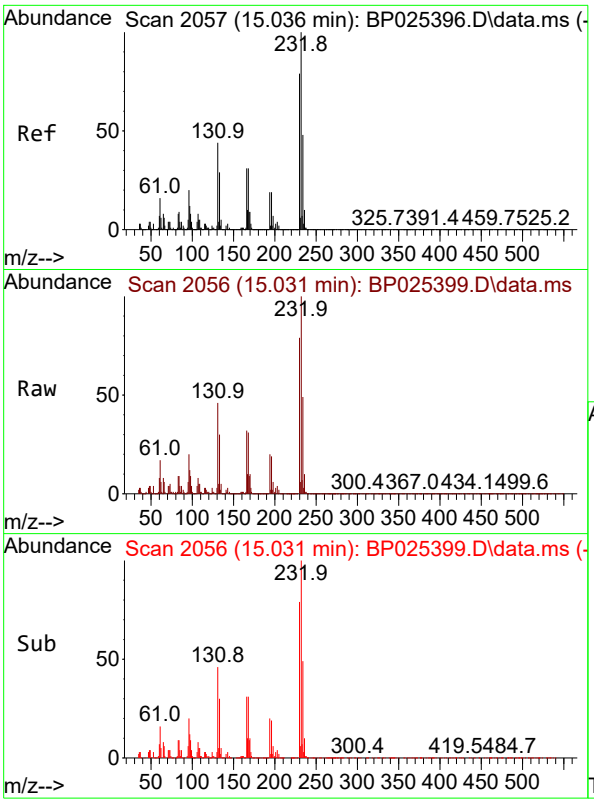


#58
Fluorene
Concen: 73.164 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:166 Resp: 2185593

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.8	118.2
167	13.4	11.0	16.4

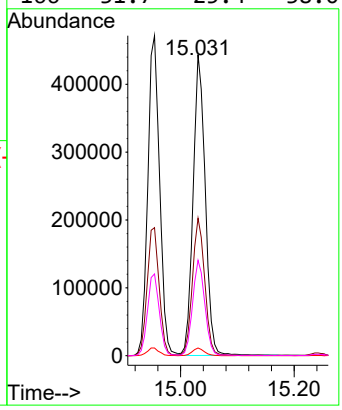




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.448 ng
RT: 15.031 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:232 Resp: 66189

Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.0	55.6
130	2.5	1.9	2.9
166	31.7	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
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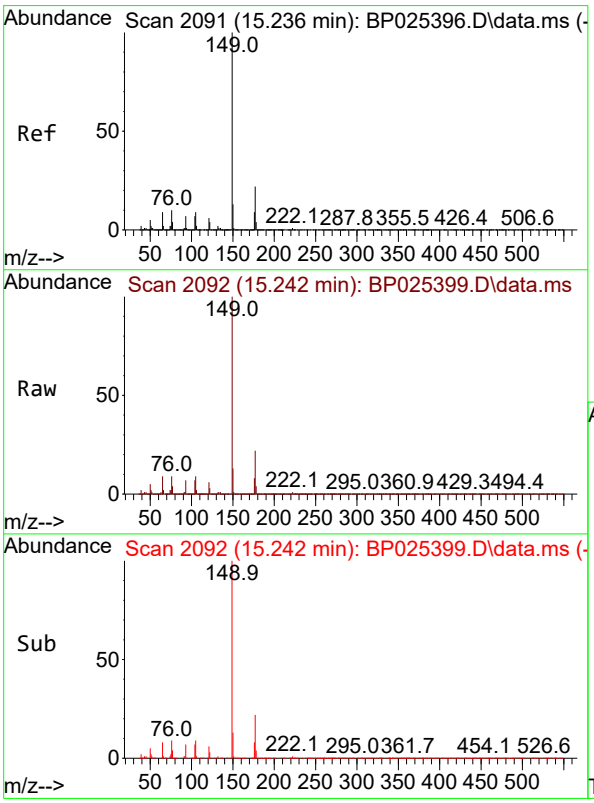
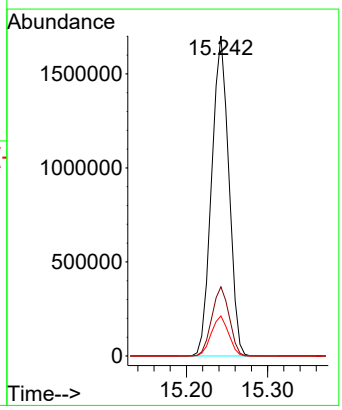
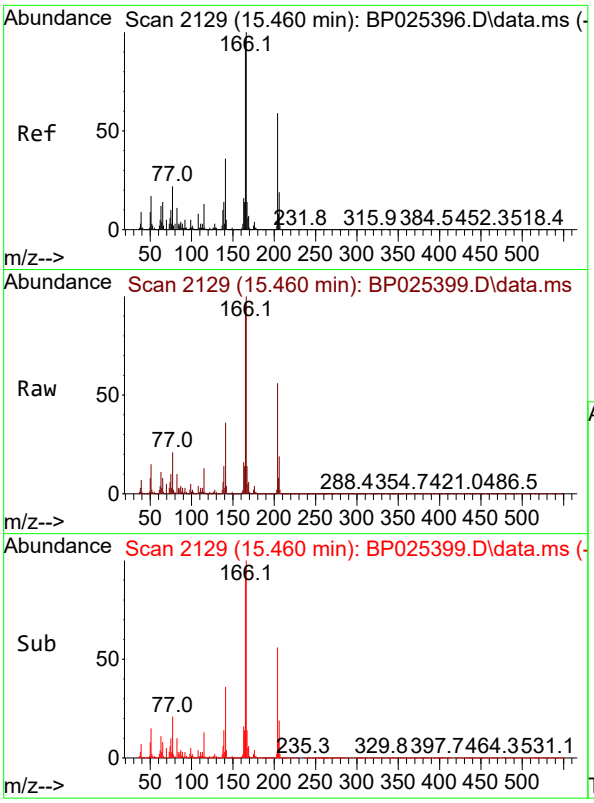


#60
Diethylphthalate
Concen: 76.870 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 2494087

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.5	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 74.388 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:204 Resp: 110515

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	64.1	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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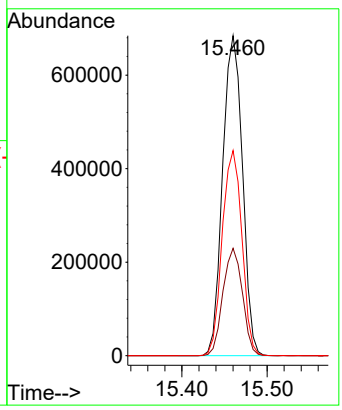
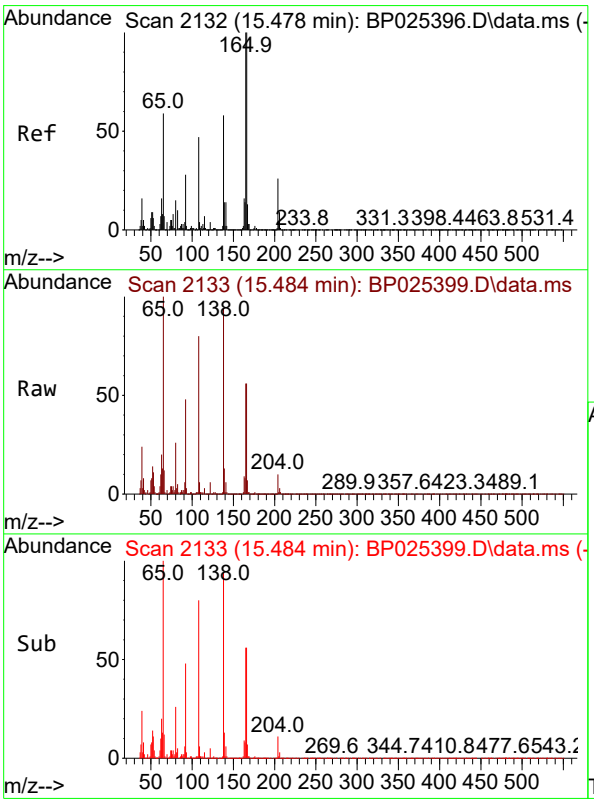
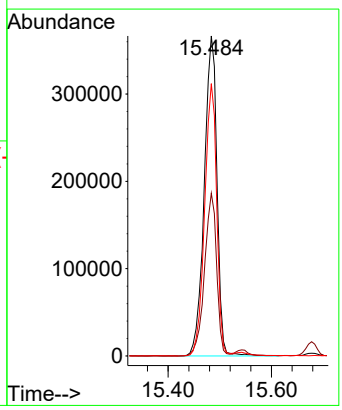


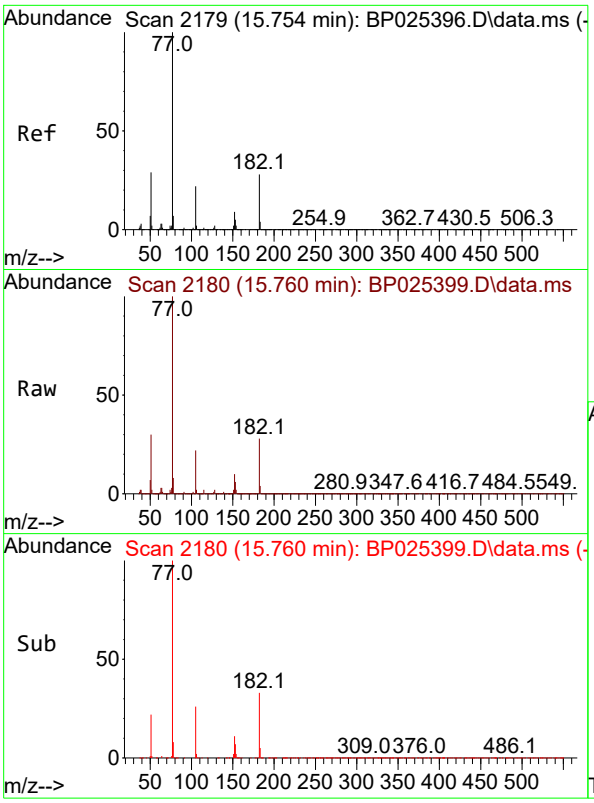


#62
4-Nitroaniline
Concen: 80.710 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:138 Resp: 626525

Ion	Ratio	Lower	Upper
138	100		
92	50.8	29.1	69.1
108	85.1	61.5	101.5

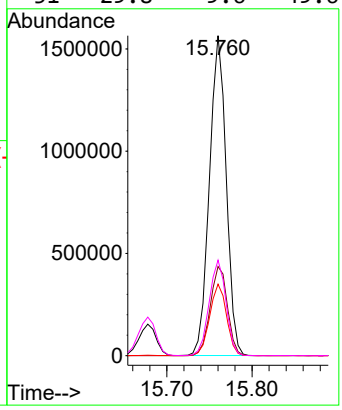




#63
Azobenzene
Concen: 77.017 ng
RT: 15.760 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 213967

Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.5	47.5
105	22.3	2.1	42.1
51	29.8	9.6	49.6



Instrument :
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ClientSampleId :
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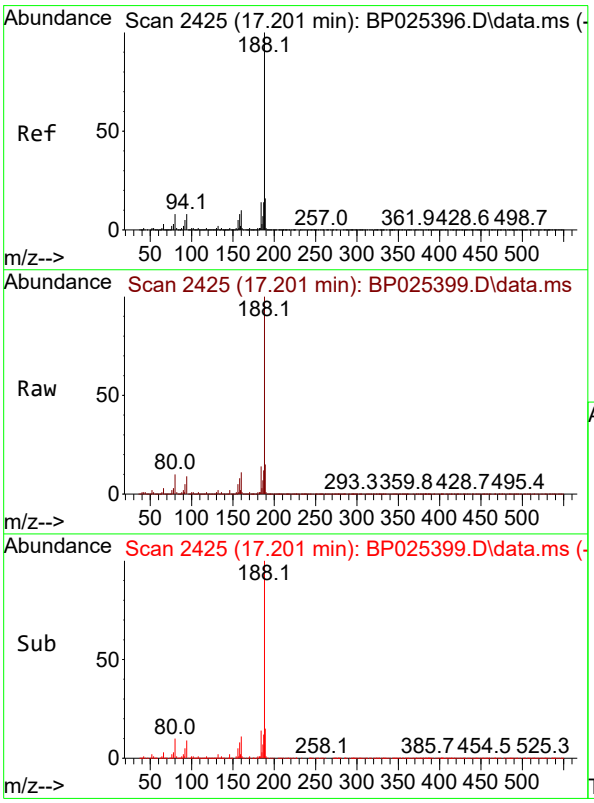
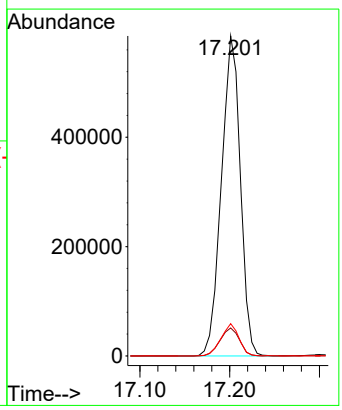
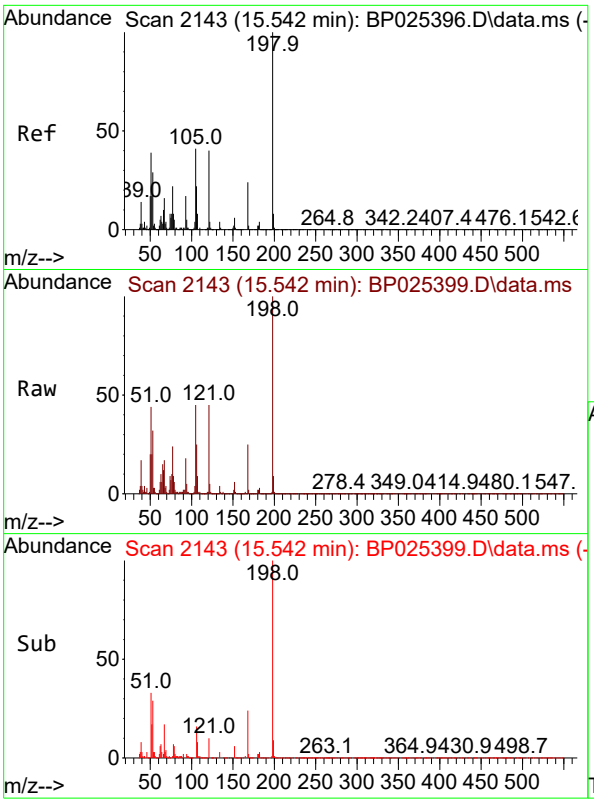


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:188 Resp: 856946

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	10.1	6.7	10.1#

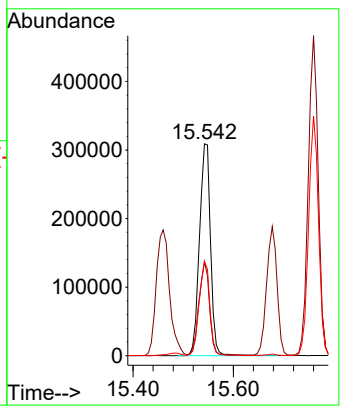




#65
4,6-Dinitro-2-methylphenol
Concen: 88.473 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:198 Resp: 47260

Ion	Ratio	Lower	Upper
198	100		
51	44.3	19.6	59.6
105	44.6	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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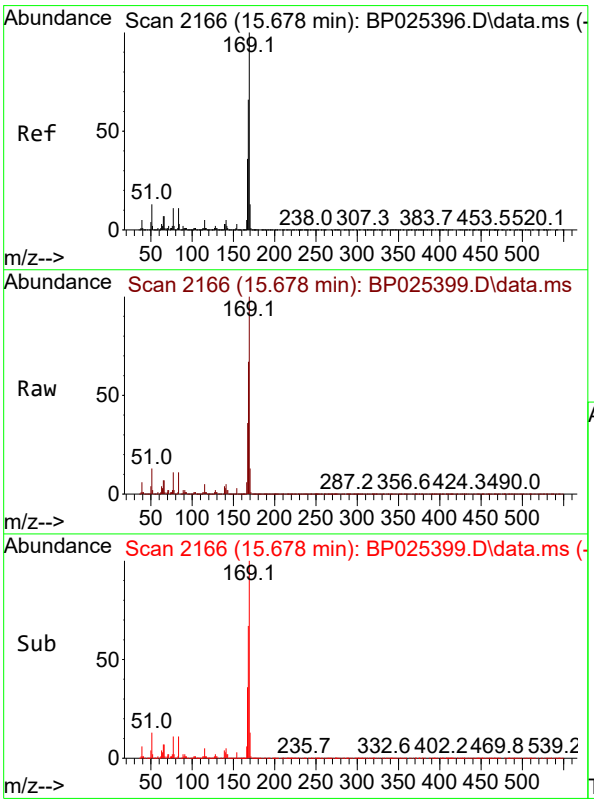
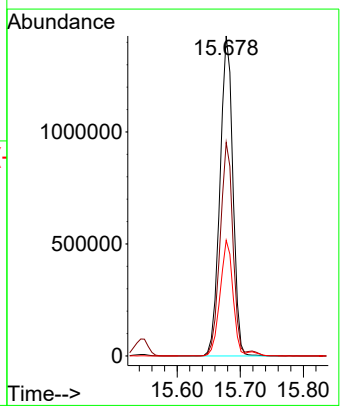
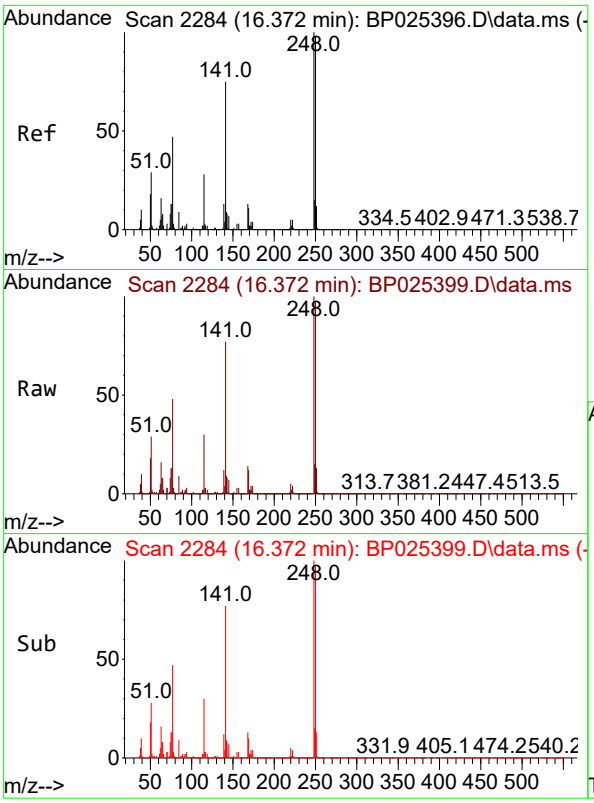


#66
n-Nitrosodiphenylamine
Concen: 77.866 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:169 Resp: 2034782

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.2	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 79.144 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:248 Resp: 74591

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.2
141	77.2	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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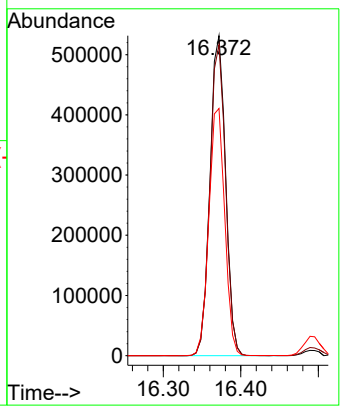
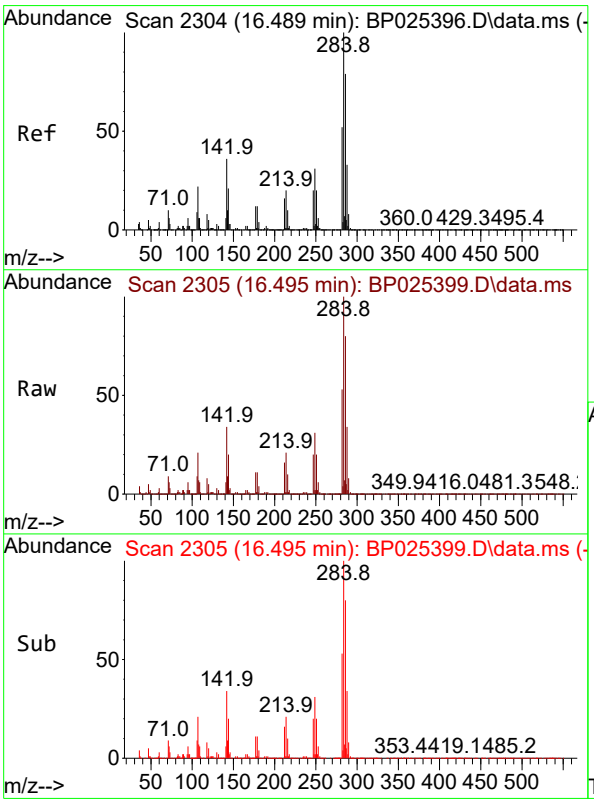
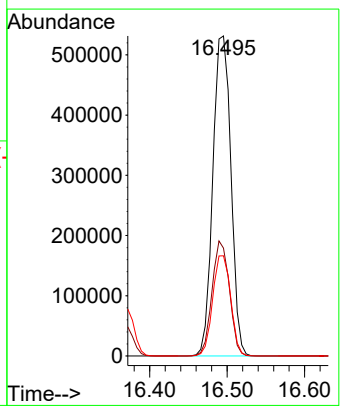


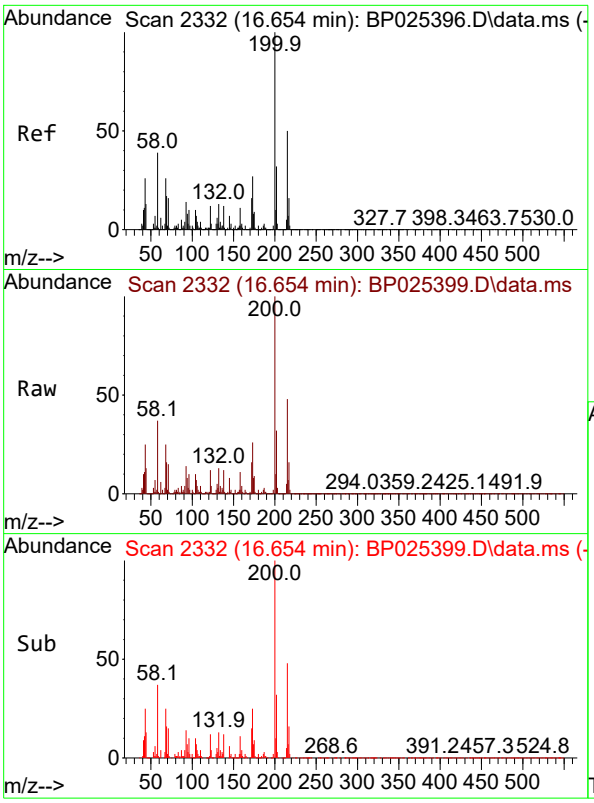


#68
Hexachlorobenzene
Concen: 78.721 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:284 Resp: 860051

Ion	Ratio	Lower	Upper
284	100		
142	33.7	29.1	43.7
249	31.3	25.0	37.4

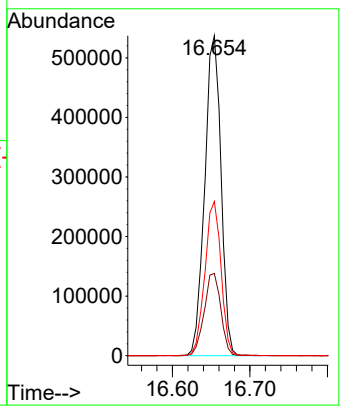




#69
Atrazine
Concen: 80.064 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:200 Resp: 78353

Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.7	46.7
215	48.2	29.7	69.7



Instrument :
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ClientSampleId :
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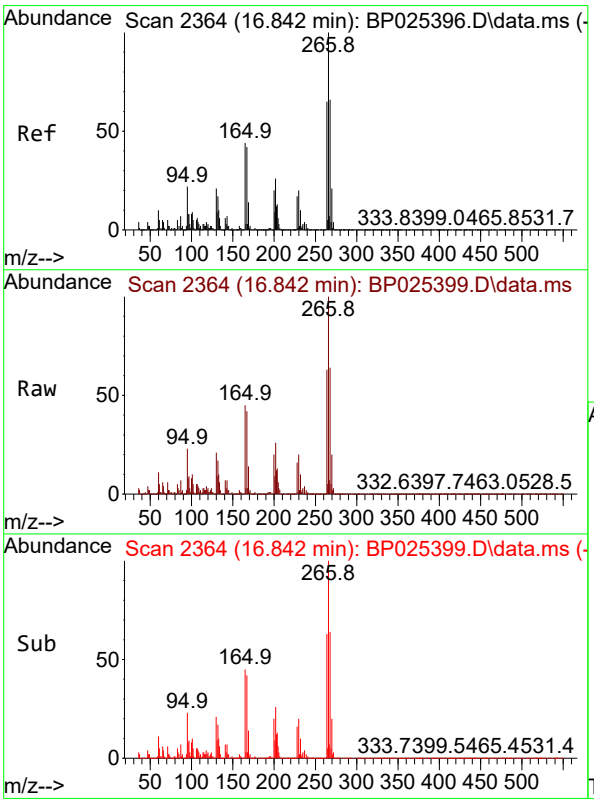
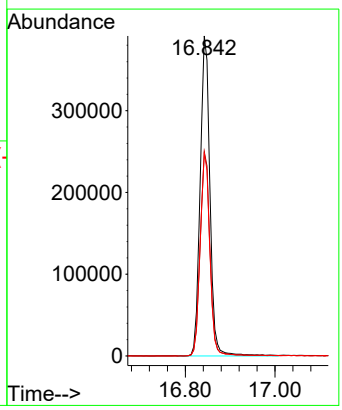
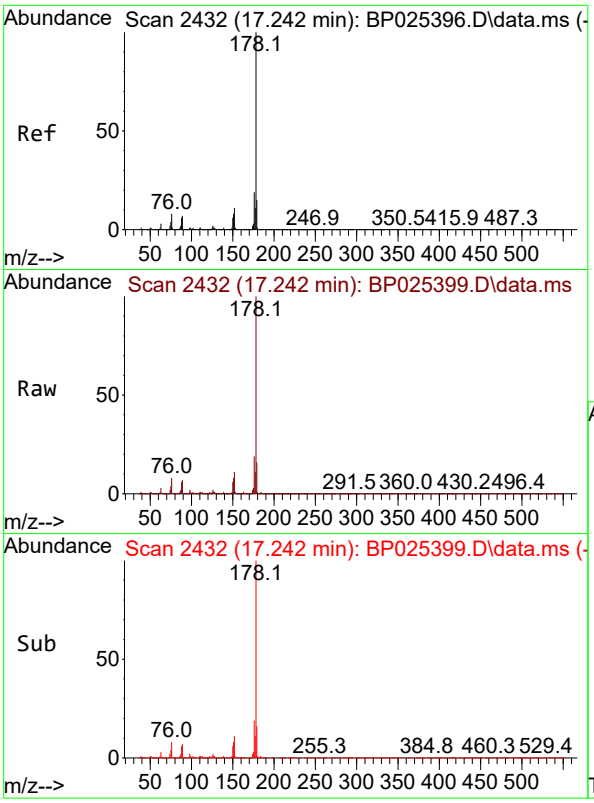


#70
Pentachlorophenol
Concen: 85.502 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:266 Resp: 589673

Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.6	79.0
264	63.4	52.0	78.0

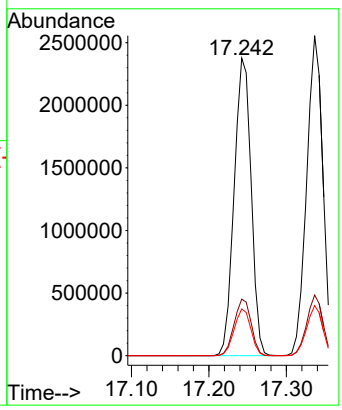




#71
Phenanthrene
Concen: 76.972 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:178 Resp: 362345

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.7	12.2	18.4



Instrument :
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ClientSampleId :
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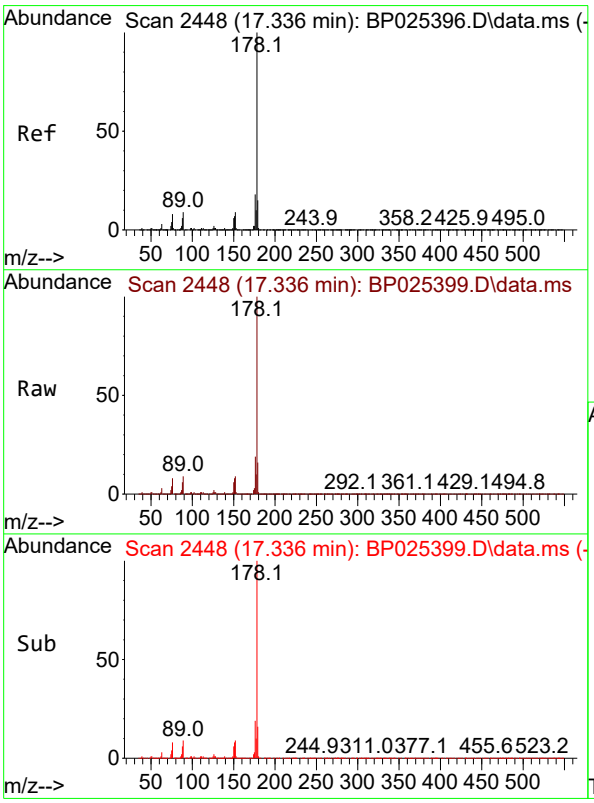
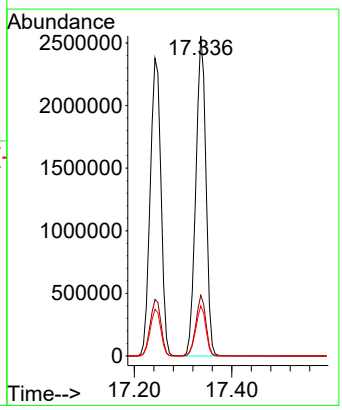
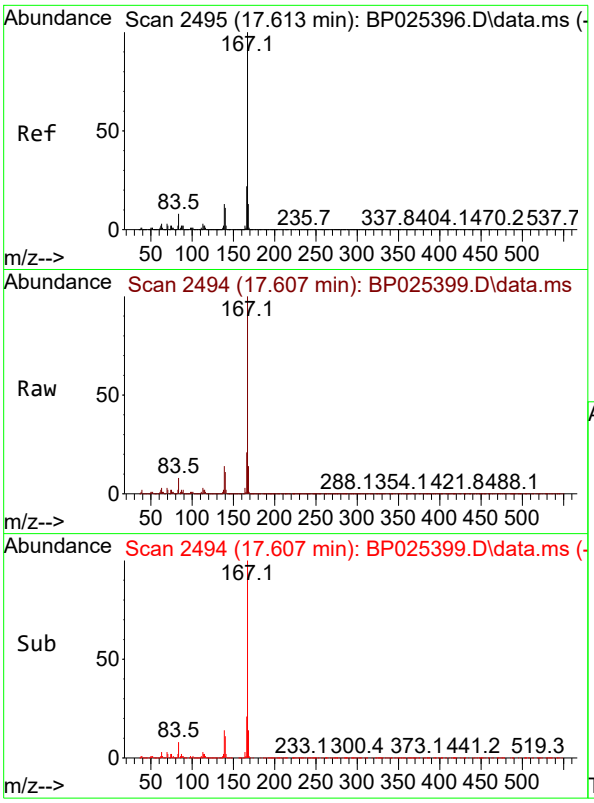


#72
Anthracene
Concen: 77.014 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:178 Resp: 3702277

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.7	12.2	18.2

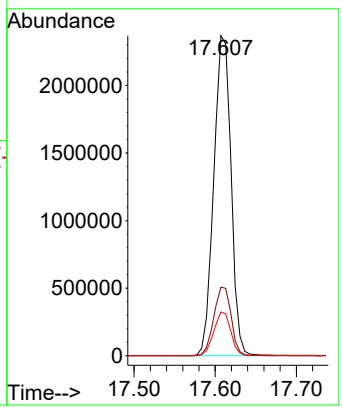




#73
Carbazole
Concen: 77.368 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:167 Resp: 350327

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.7	10.6	16.0



Instrument :
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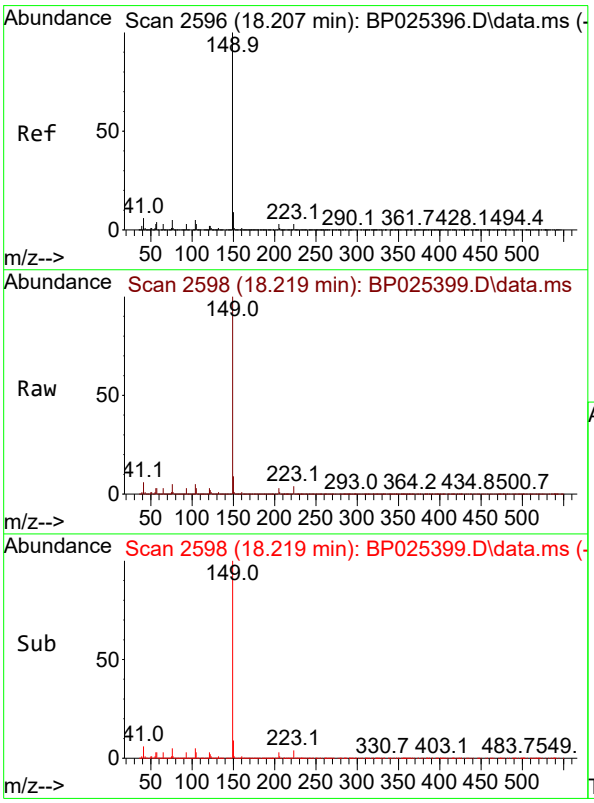
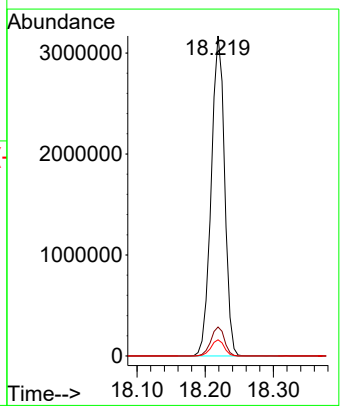
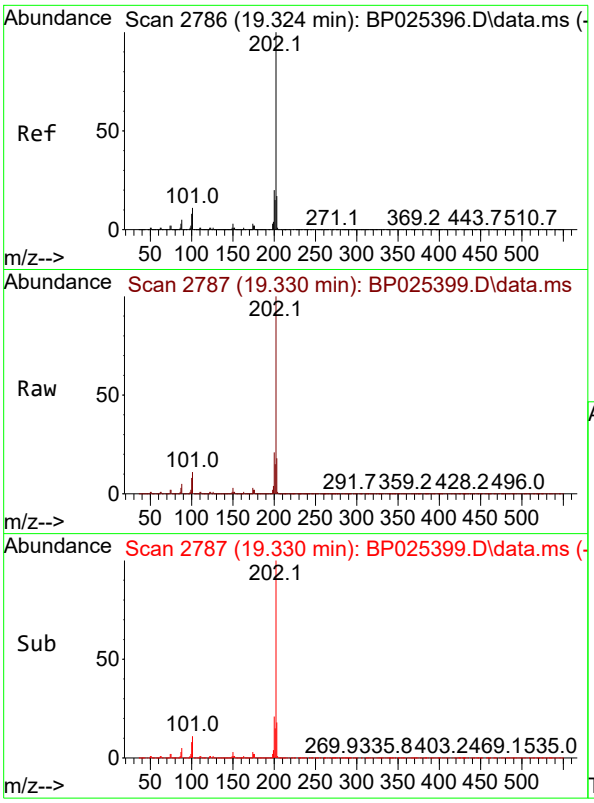


#74
Di-n-butylphthalate
Concen: 77.844 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 4336701

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.0	4.2	6.2





#75
Fluoranthene
Concen: 76.815 ng
RT: 19.330 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 431330

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
203	17.8	0.0	37.3

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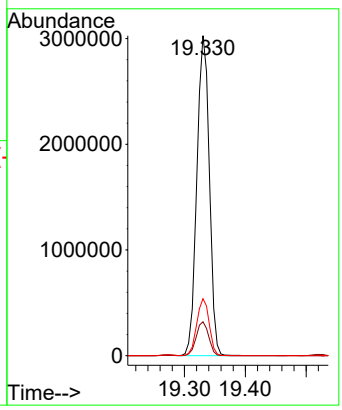
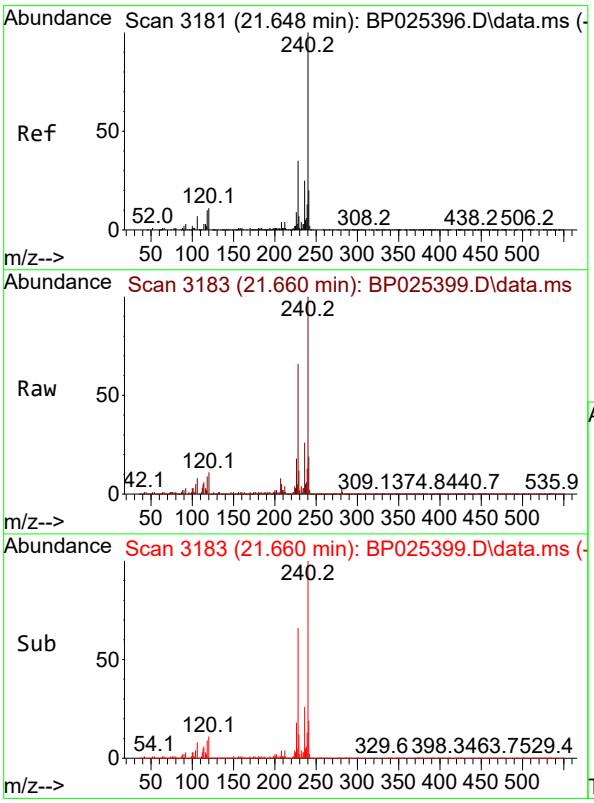
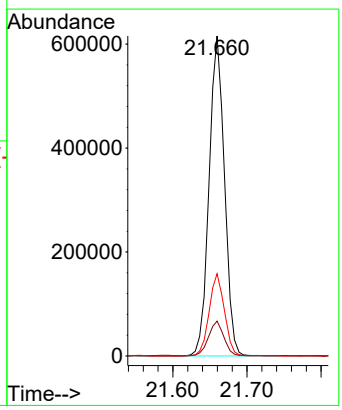


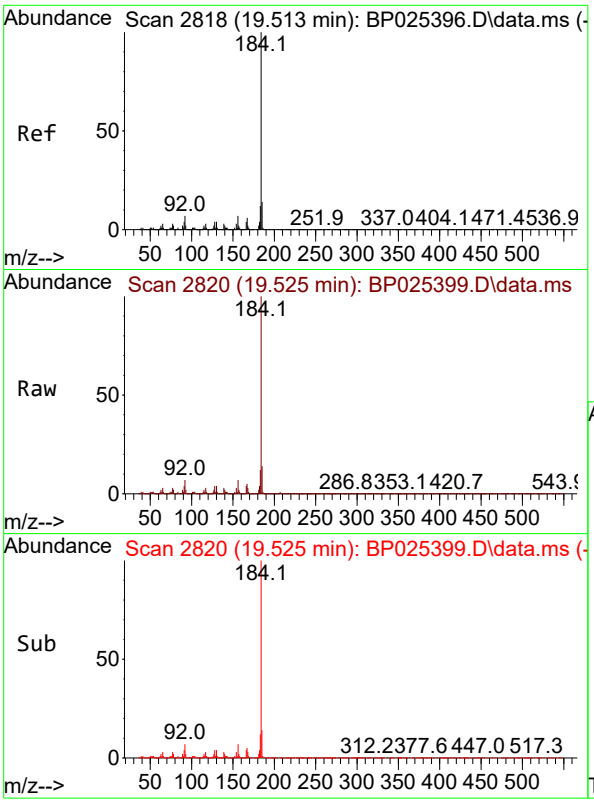


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:240 Resp: 888879

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	25.7	19.8	29.8

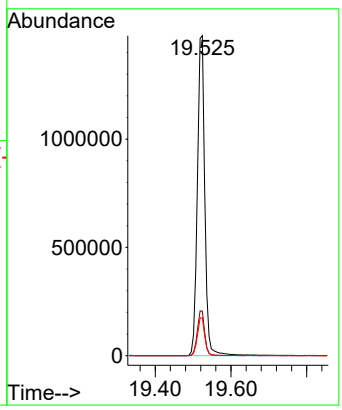




#77
Benzidine
Concen: 67.124 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:184 Resp: 203624

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.9	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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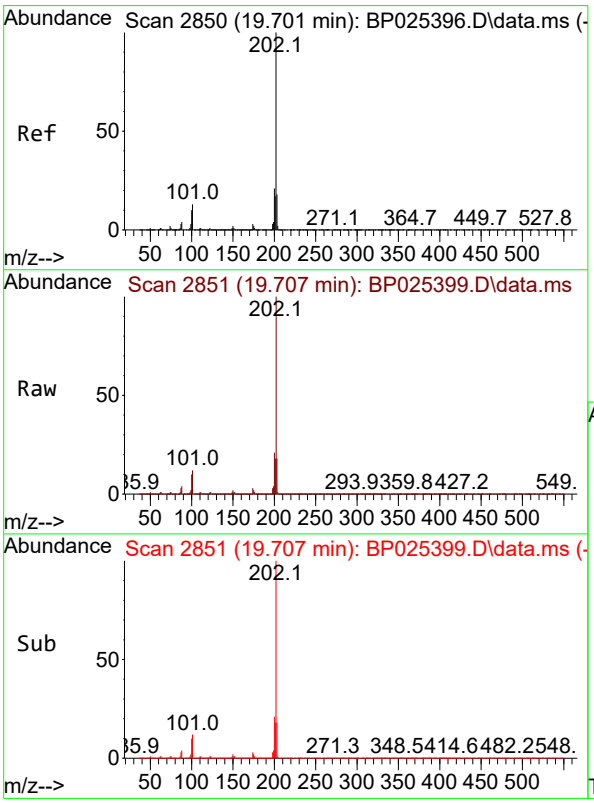
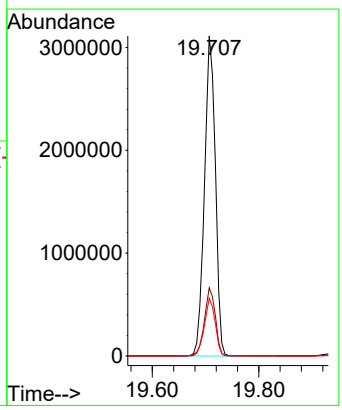
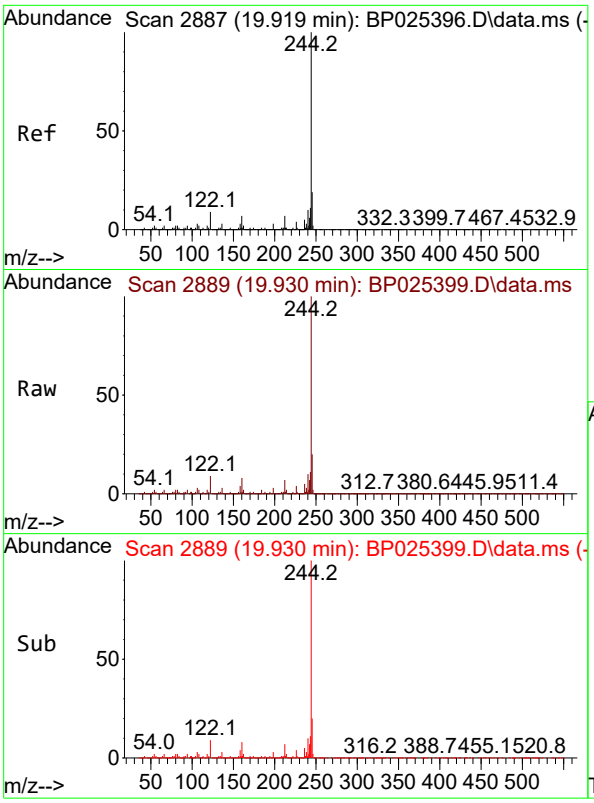


#78
Pyrene
Concen: 76.343 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:202 Resp: 4410693

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.1	14.2	21.2

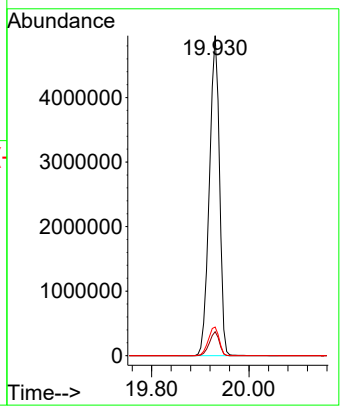




#79
Terphenyl-d14
Concen: 146.217 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:244 Resp: 710381

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.0	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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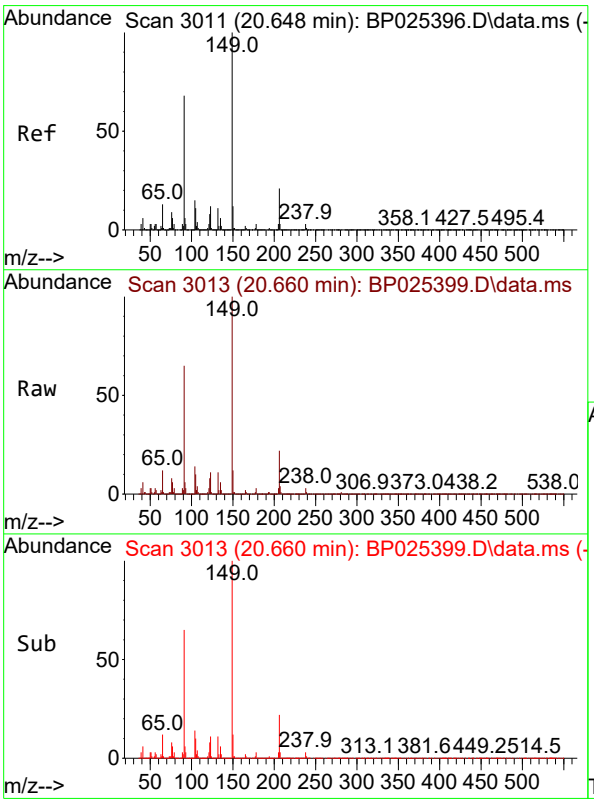
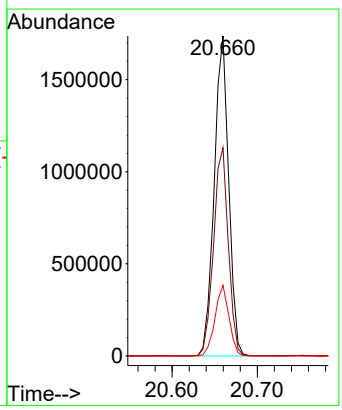
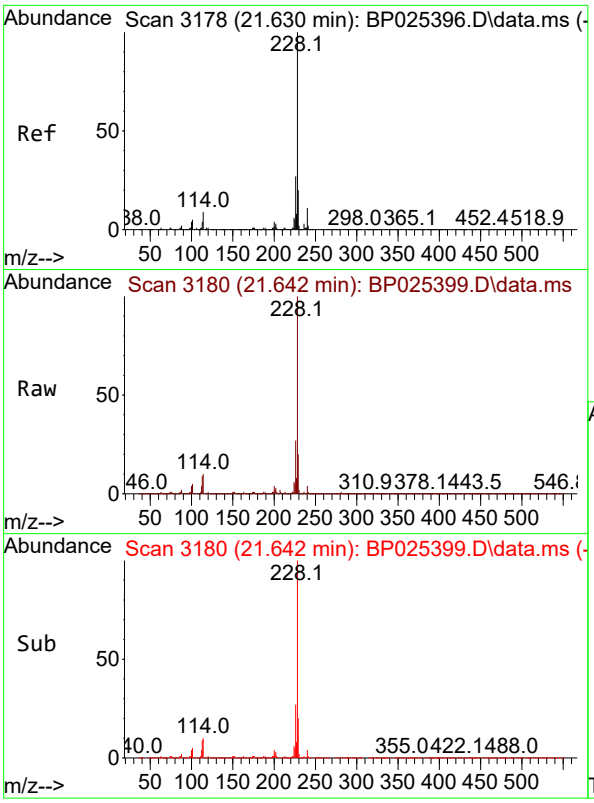


#80
Butylbenzylphthalate
Concen: 78.460 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 2054404

Ion	Ratio	Lower	Upper
149	100		
91	65.0	54.2	81.2
206	22.1	16.6	24.8

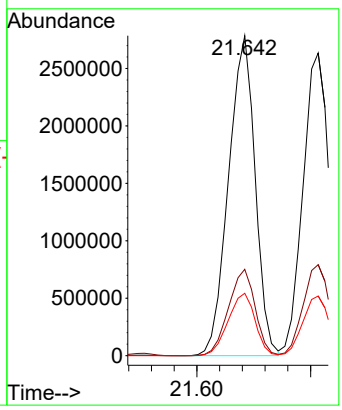




#81
Benzo(a)anthracene
Concen: 77.322 ng
RT: 21.642 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:228 Resp: 453276

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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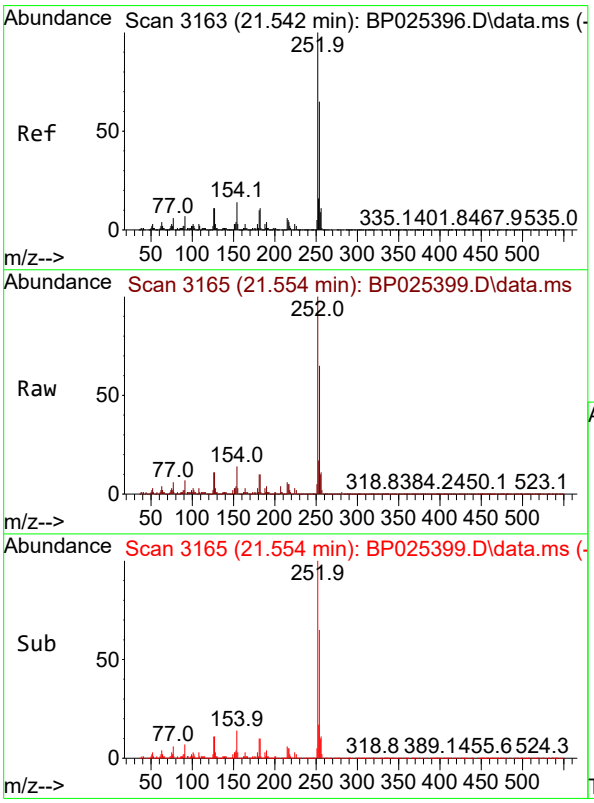
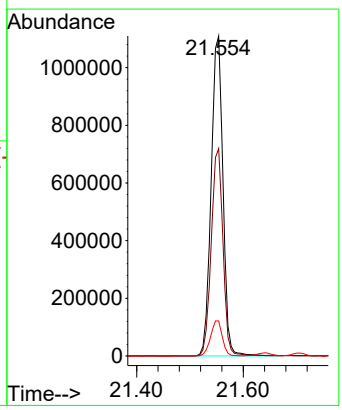
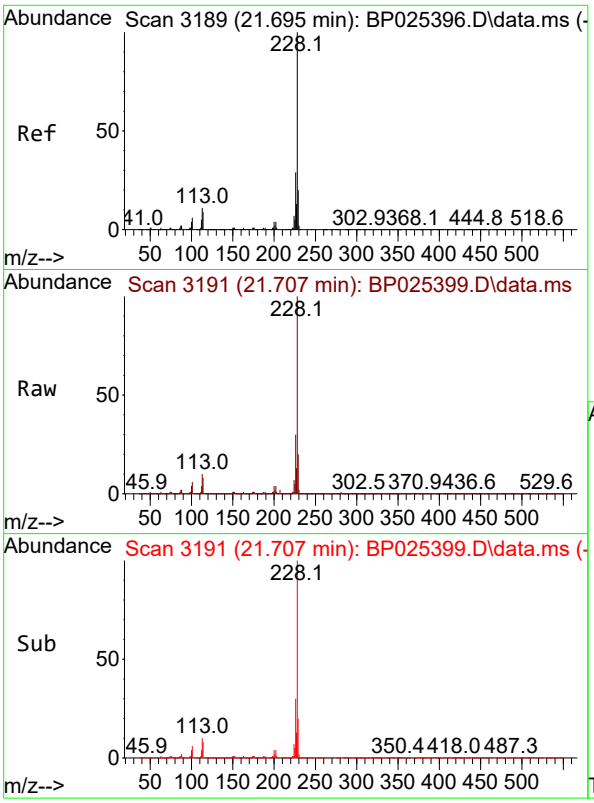


#82
3,3'-Dichlorobenzidine
Concen: 77.197 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:252 Resp: 1705746

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	11.0	9.1	13.7

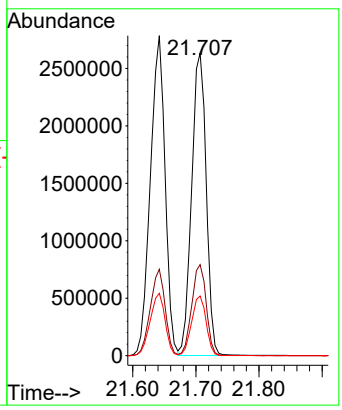




#83
Chrysene
Concen: 76.835 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:228 Resp: 421816

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.2	34.8
229	19.7	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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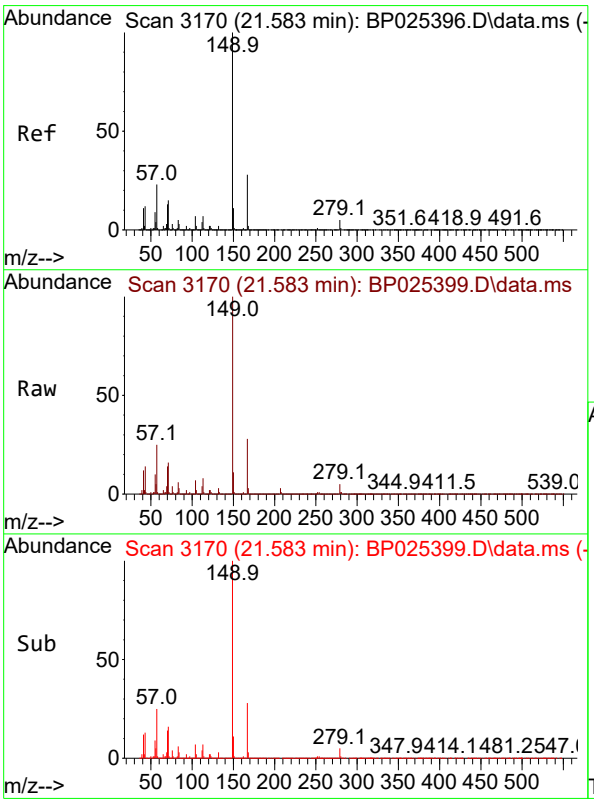
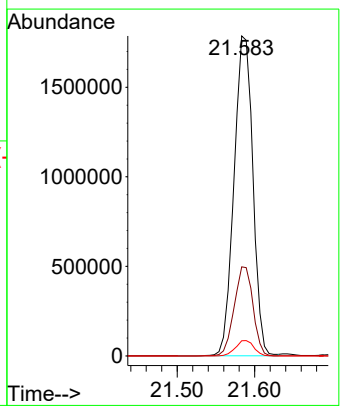
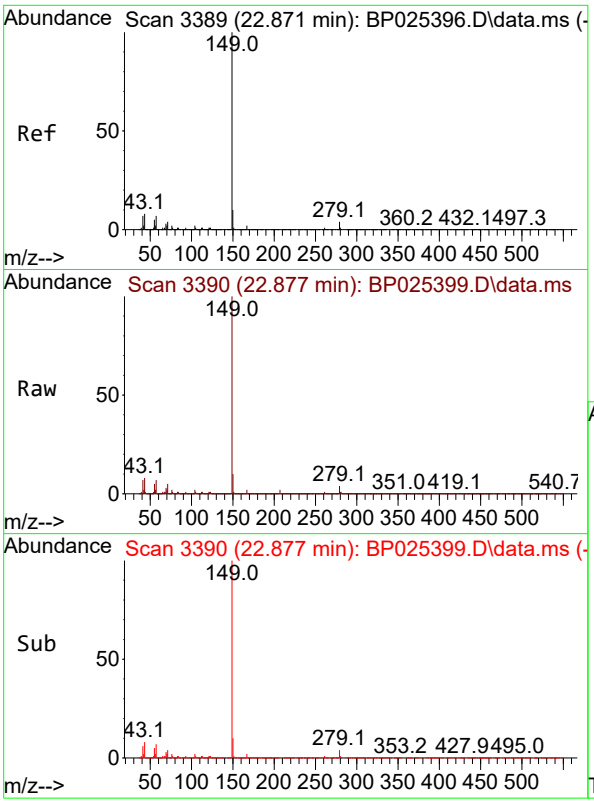


#84
Bis(2-ethylhexyl)phthalate
Concen: 78.400 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 3021891

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.8	3.8	5.6

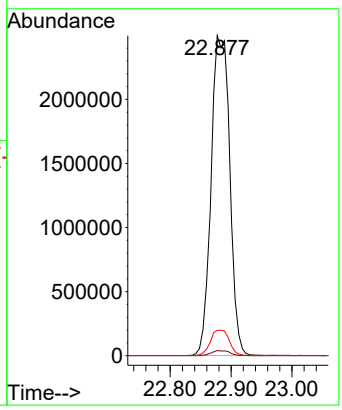




#85
Di-n-octyl phthalate
Concen: 79.974 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 530208

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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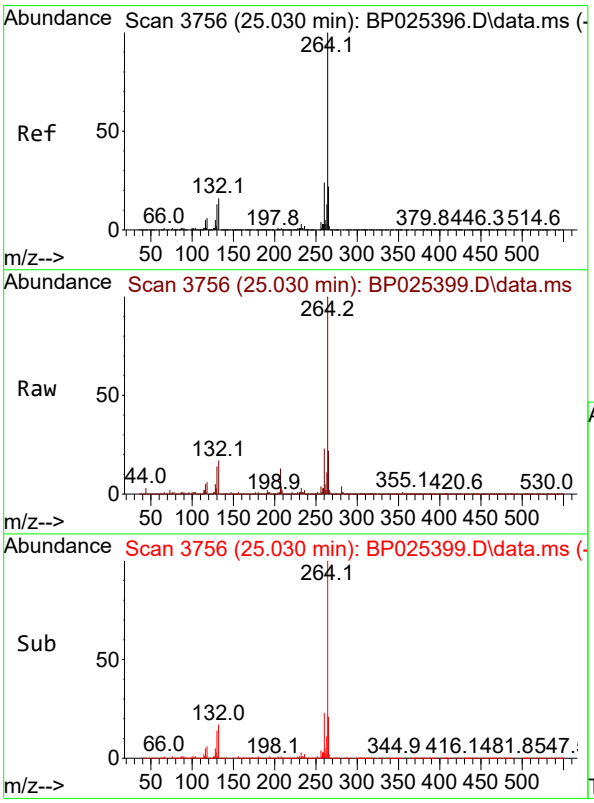
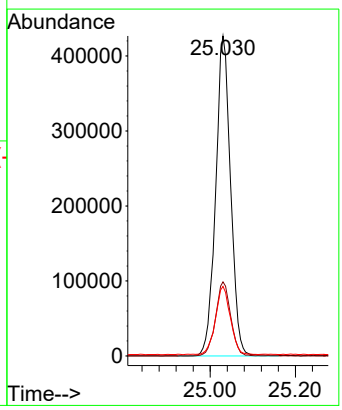
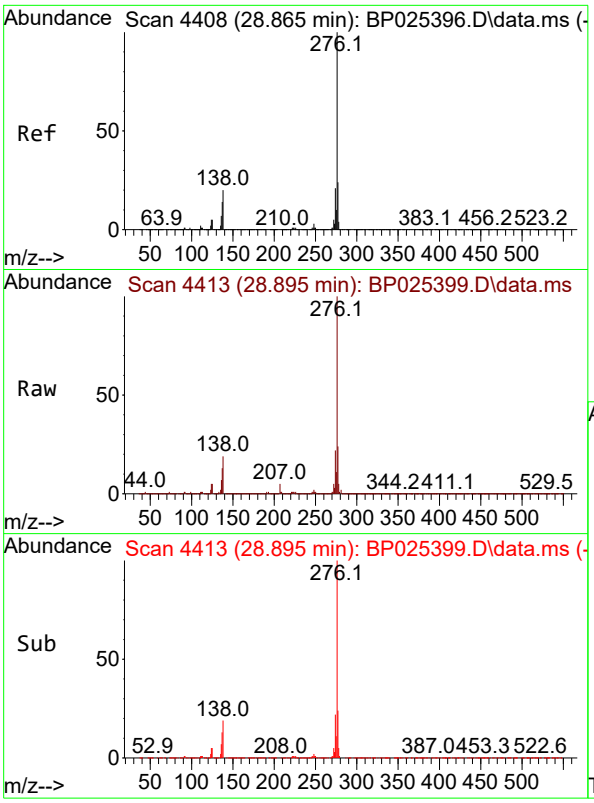


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:264 Resp: 1037707

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.8	17.4	26.0

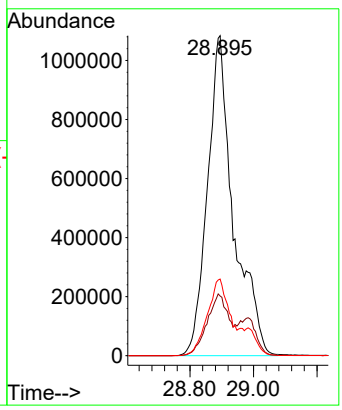




#87
Indeno(1,2,3-cd)pyrene
Concen: 81.030 ng m
RT: 28.895 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:276 Resp: 616857

Ion	Ratio	Lower	Upper
276	100		
138	16.9	12.9	19.3
277	20.5	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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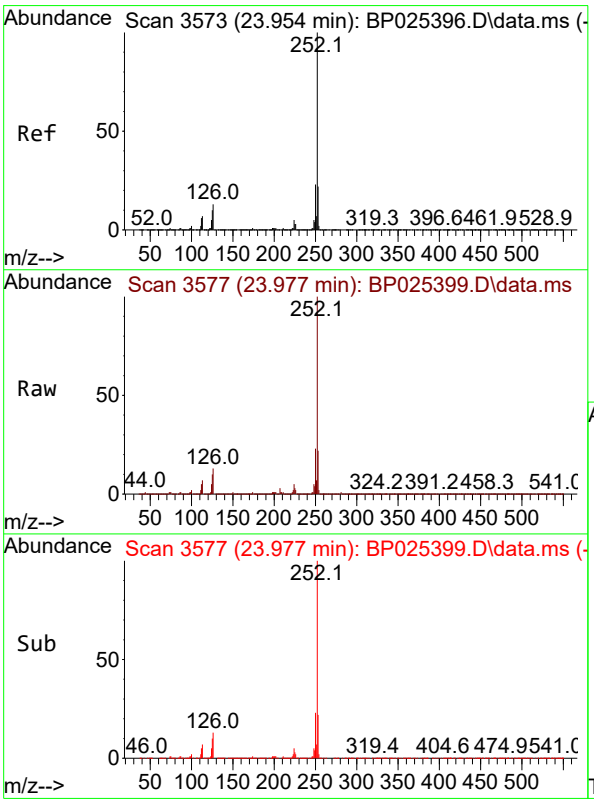
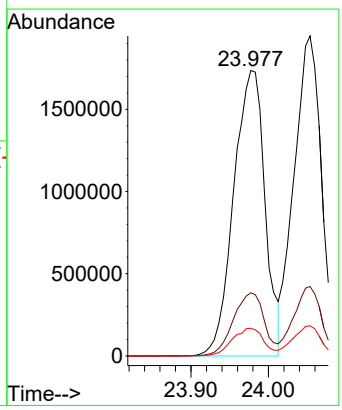
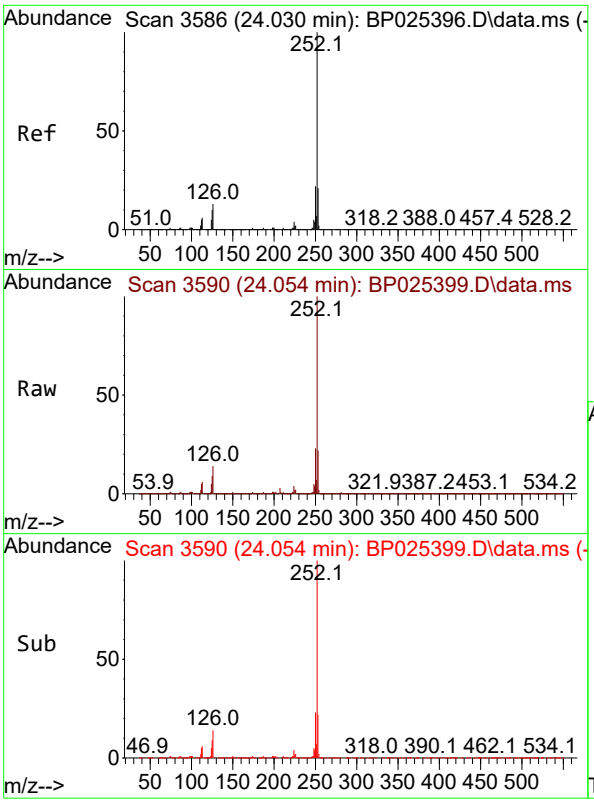


#88
Benzo(b)fluoranthene
Concen: 79.692 ng
RT: 23.977 min Scan# 3577
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:252 Resp: 4876398

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.7	7.9	11.9





#89
Benzo(k)fluoranthene
Concen: 77.323 ng
RT: 24.054 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 473463

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.5	7.8	11.6

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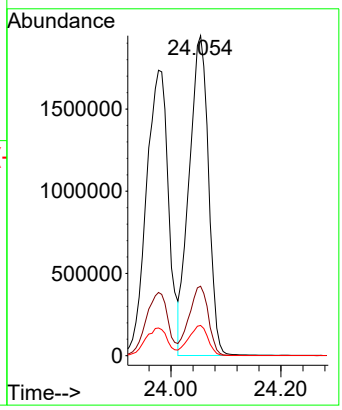
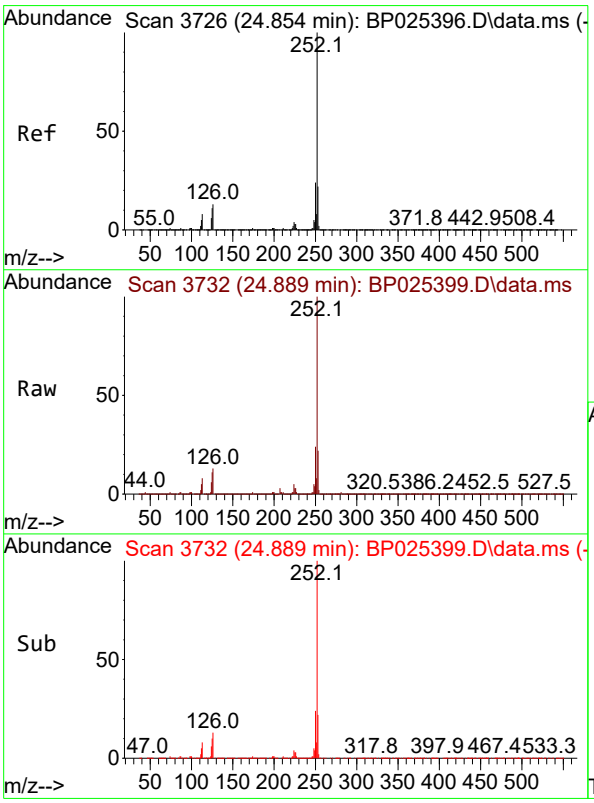
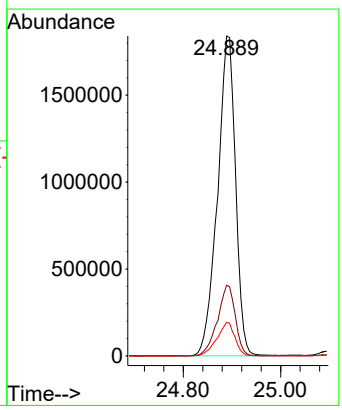


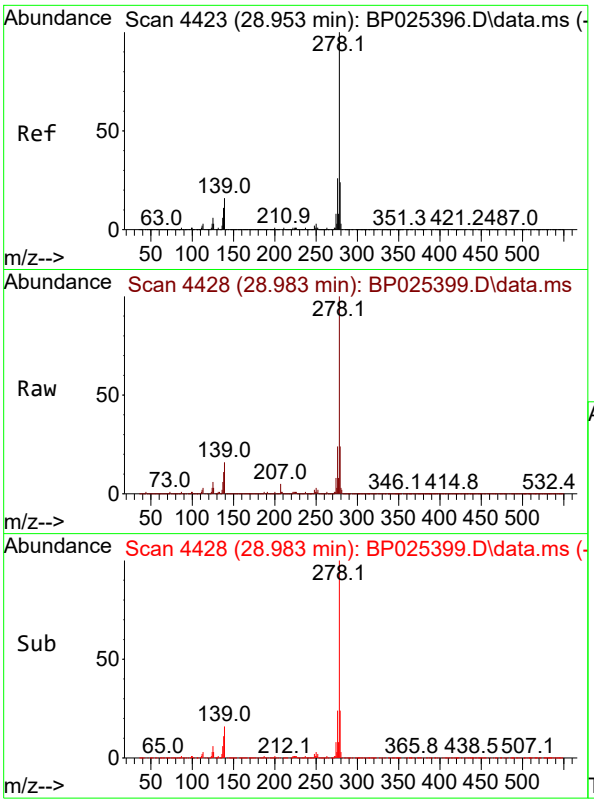


#90
Benzo(a)pyrene
Concen: 79.505 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.035 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:252 Resp: 4735685

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.5	8.7	13.1

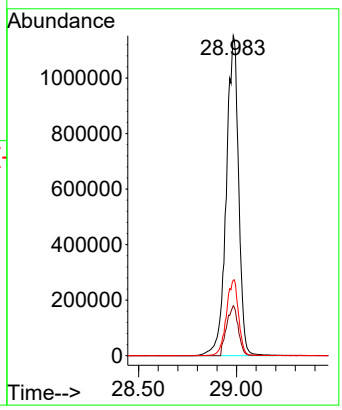




#91
Dibenzo(a,h)anthracene
Concen: 81.142 ng
RT: 28.983 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:278 Resp: 504626

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.0	19.4
279	23.6	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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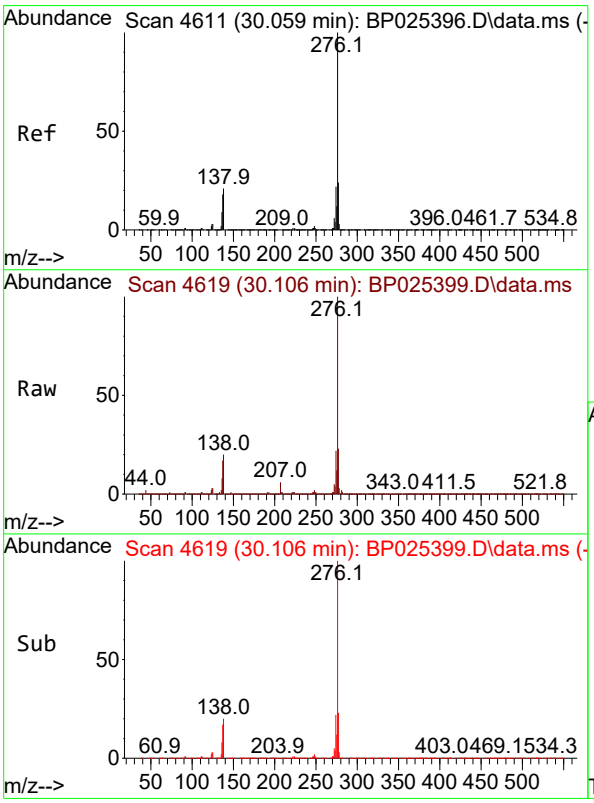
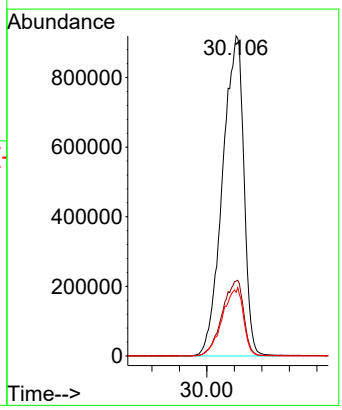


#92
Benzo(g,h,i)perylene
Concen: 80.973 ng
RT: 30.106 min Scan# 4619
Delta R.T. 0.047 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:276 Resp: 4949477

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	19.9	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	174007	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	750079	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	503239	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	1034378	20.000	ng		0.01
76) Chrysene-d12	21.654	240	1060337	20.000	ng		0.00
86) Perylene-d12	25.024	264	1200519	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	727486	69.430	ng		0.00
7) Phenol-d6	6.966	99	962695	71.663	ng		0.00
23) Nitrobenzene-d5	8.937	82	984441	66.391	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	484870	71.582	ng		0.00
45) 2-Fluorobiphenyl	13.025	172	2430828	66.016	ng		0.00
79) Terphenyl-d14	19.936	244	3848160	66.399	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	138687	33.792	ng		99
3) Pyridine	3.731	79	403298	35.901	ng		98
4) n-Nitrosodimethylamine	3.631	42	176521	38.115	ng		98
6) Aniline	7.125	93	690437	38.147	ng		99
8) 2-Chlorophenol	7.366	128	455230	38.501	ng		99
9) Benzaldehyde	6.943	77	321335	34.142	ng		96
10) Phenol	6.996	94	541123	38.388	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	421318	38.348	ng		99
12) 1,3-Dichlorobenzene	7.684	146	492014	37.738	ng		100
13) 1,4-Dichlorobenzene	7.825	146	504919	37.890	ng		97
14) 1,2-Dichlorobenzene	8.143	146	487845	37.818	ng		99
15) Benzyl Alcohol	8.025	79	416544	39.025	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	563276	38.271	ng		99
17) 2-Methylphenol	8.225	107	380608	38.877	ng		100
18) Hexachloroethane	8.866	117	186691	38.103	ng		97
19) n-Nitroso-di-n-propyla...	8.590	70	340533	38.270	ng		99
20) 3+4-Methylphenols	8.549	107	524095	38.620	ng		99
22) Acetophenone	8.602	105	718869	38.216	ng	#	99
24) Nitrobenzene	8.978	77	494466	37.313	ng		98
25) Isophorone	9.501	82	993378	37.855	ng		99
26) 2-Nitrophenol	9.678	139	263348	38.722	ng		97
27) 2,4-Dimethylphenol	9.743	122	455078	38.910	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	599862	37.816	ng		99
29) 2,4-Dichlorophenol	10.213	162	449034	38.649	ng		98
30) 1,2,4-Trichlorobenzene	10.431	180	474183	37.231	ng		98
31) Naphthalene	10.613	128	1459279	37.431	ng		99
32) Benzoic acid	9.884	122	330207	38.242	ng		96
33) 4-Chloroaniline	10.713	127	655135	38.043	ng		99
34) Hexachlorobutadiene	10.901	225	293728	37.031	ng		98
35) Caprolactam	11.501	113	163211	38.310	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	517126	38.789	ng		98
37) 2-Methylnaphthalene	12.219	142	960146	37.845	ng		99
38) 1-Methylnaphthalene	12.443	142	1012844	37.539	ng		99
40) 1,2,4,5-Tetrachloroben...	12.590	216	550777	37.895	ng		100
41) Hexachlorocyclopentadiene	12.572	237	351819	40.074	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	382393	38.972	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	420565	39.108	ng	99
46) 1,1'-Biphenyl	13.237	154	1376834	37.672	ng	99
47) 2-Chloronaphthalene	13.272	162	1072147	37.682	ng	99
48) 2-Nitroaniline	13.472	65	323995	39.081	ng	99
49) Acenaphthylene	14.125	152	1775899	37.720	ng	100
50) Dimethylphthalate	13.860	163	1406620	38.170	ng	100
51) 2,6-Dinitrotoluene	13.972	165	304562	39.211	ng	98
52) Acenaphthene	14.472	154	1018011m	36.837	ng	
53) 3-Nitroaniline	14.301	138	349791	40.027	ng	98
54) 2,4-Dinitrophenol	14.507	184	172743	41.646	ng	100
55) Dibenzofuran	14.813	168	1630744	37.324	ng	100
56) 4-Nitrophenol	14.619	139	284585	39.630	ng	99
57) 2,4-Dinitrotoluene	14.772	165	448143	40.439	ng	98
58) Fluorene	15.478	166	1275341	36.992	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	371715	39.147	ng	99
60) Diethylphthalate	15.242	149	1415787	37.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	627477	36.596	ng	99
62) 4-Nitroaniline	15.484	138	346865	38.717	ng	99
63) Azobenzene	15.766	77	1235242	38.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	256111	39.721	ng	99
66) n-Nitrosodiphenylamine	15.684	169	1174244	37.227	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	422072	37.101	ng	96
68) Hexachlorobenzene	16.501	284	488749	37.062	ng	98
69) Atrazine	16.660	200	449555	38.057	ng	100
70) Pentachlorophenol	16.854	266	322435	38.733	ng	98
71) Phenanthrene	17.254	178	2070873	36.445	ng	99
72) Anthracene	17.342	178	2179669	37.563	ng	100
73) Carbazole	17.619	167	2028595	37.116	ng	100
74) Di-n-butylphthalate	18.225	149	2528547	37.602	ng	100
75) Fluoranthene	19.342	202	2540417	37.481	ng	99
77) Benzidine	19.519	184	1529656	42.271	ng	99
78) Pyrene	19.713	202	2577810	37.404	ng	99
80) Butylbenzylphthalate	20.660	149	1199445	38.401	ng	98
81) Benzo(a)anthracene	21.636	228	2583866	36.950	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1002597	38.038	ng	99
83) Chrysene	21.701	228	2446197	37.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1780746	38.729	ng	100
85) Di-n-octyl phthalate	22.877	149	2998528	37.915	ng	100
87) Indeno(1,2,3-cd)pyrene	28.877	276	3267965	37.119	ng	94
88) Benzo(b)fluoranthene	23.971	252	2616701	36.964	ng	100
89) Benzo(k)fluoranthene	24.042	252	2653905	37.464	ng	99
90) Benzo(a)pyrene	24.871	252	2560692	37.160	ng	100
91) Dibenzo(a,h)anthracene	28.948	278	2697336	37.490	ng	99
92) Benzo(g,h,i)perylene	30.089	276	2632085	37.216	ng	98

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

ICAL Form

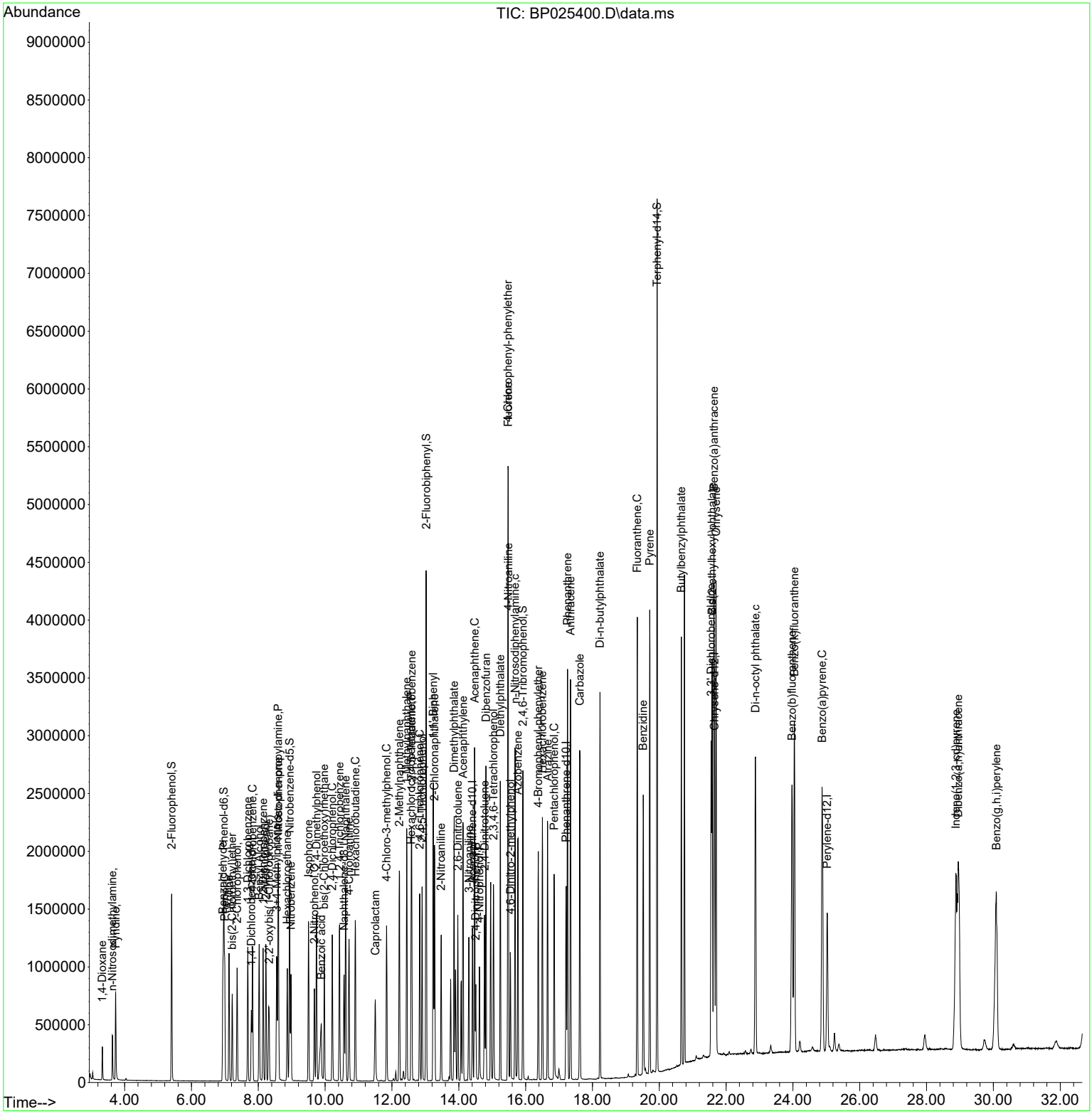
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

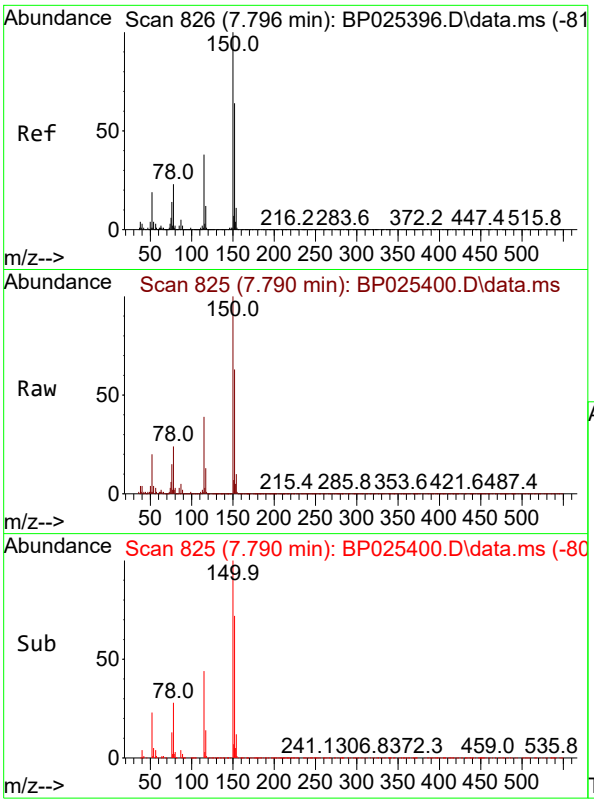
Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

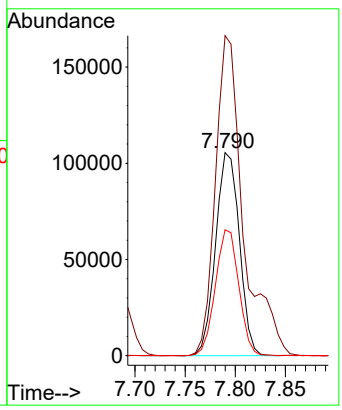




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:152 Resp: 17400

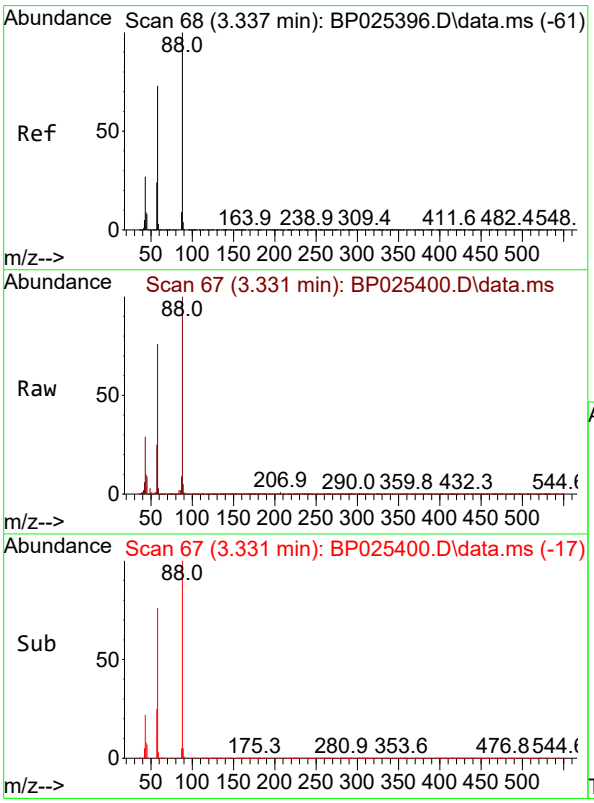
Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.9	188.9
115	62.0	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

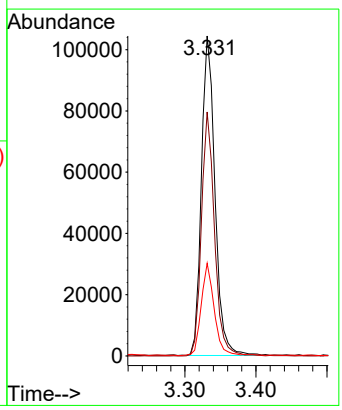
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

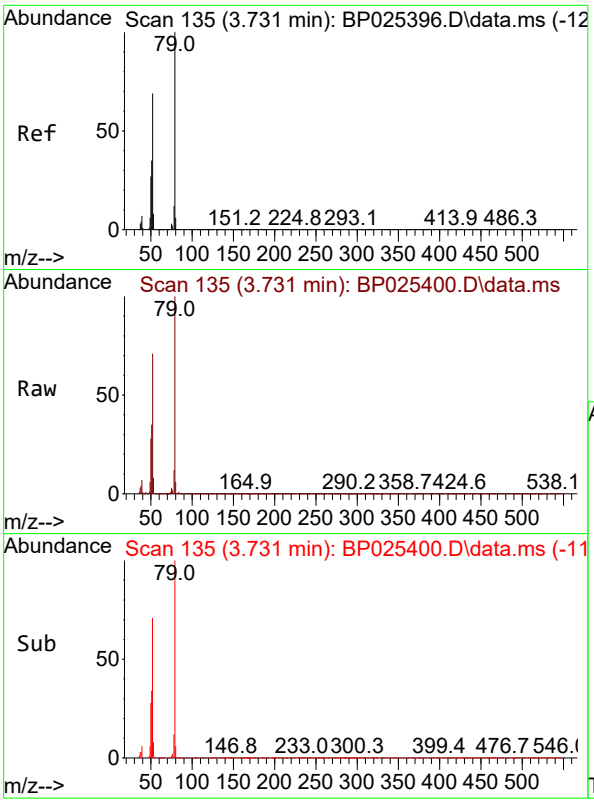


#2
1,4-Dioxane
Concen: 33.792 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 88 Resp: 138687

Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.2	88.8
43	27.9	21.7	32.5

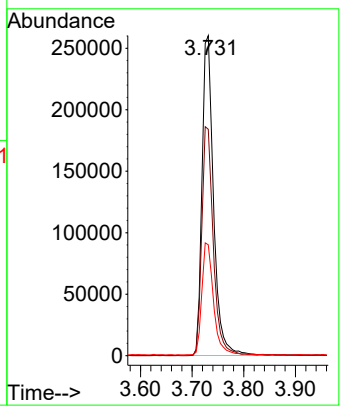




#3
Pyridine
Concen: 35.901 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 79 Resp: 40329

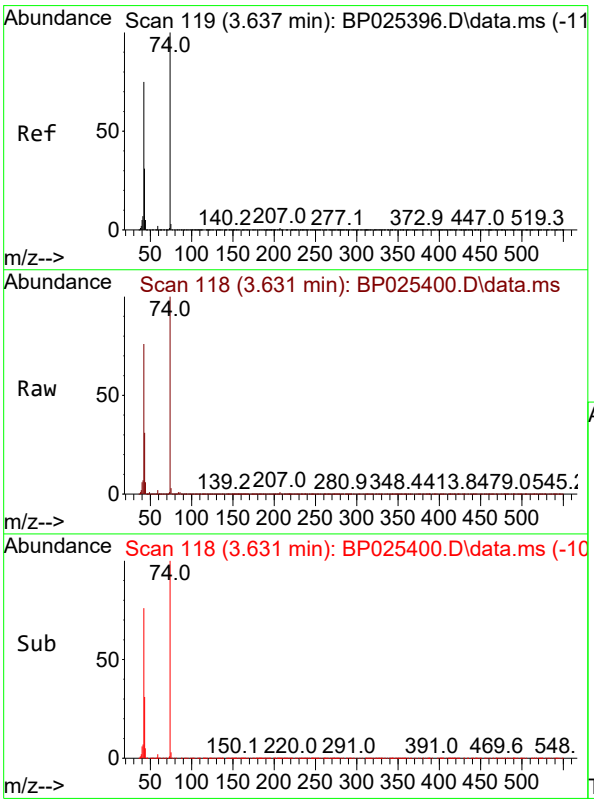
Ion	Ratio	Lower	Upper
79	100		
52	70.8	55.5	83.3
51	34.7	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

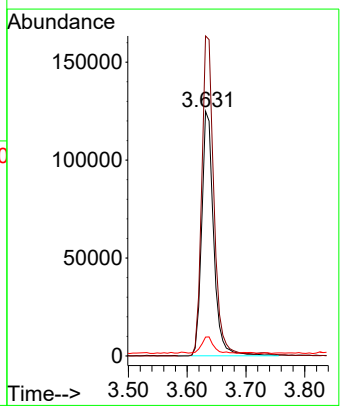
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

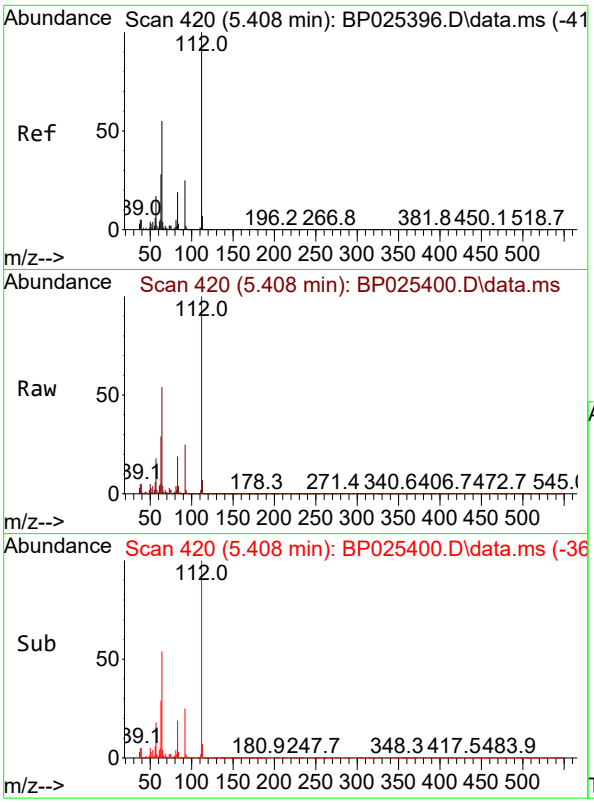


#4
n-Nitrosodimethylamine
Concen: 38.115 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 42 Resp: 176521

Ion	Ratio	Lower	Upper
42	100		
74	130.8	107.0	160.4
44	7.7	6.2	9.4

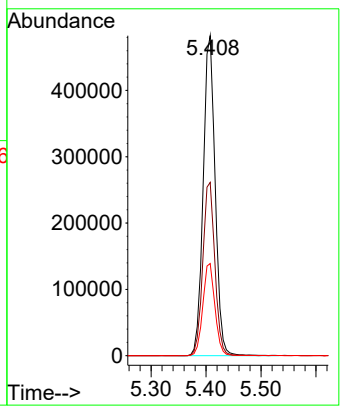




#5
2-Fluorophenol
Concen: 69.430 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:112 Resp: 72748

Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.8	65.8
63	28.8	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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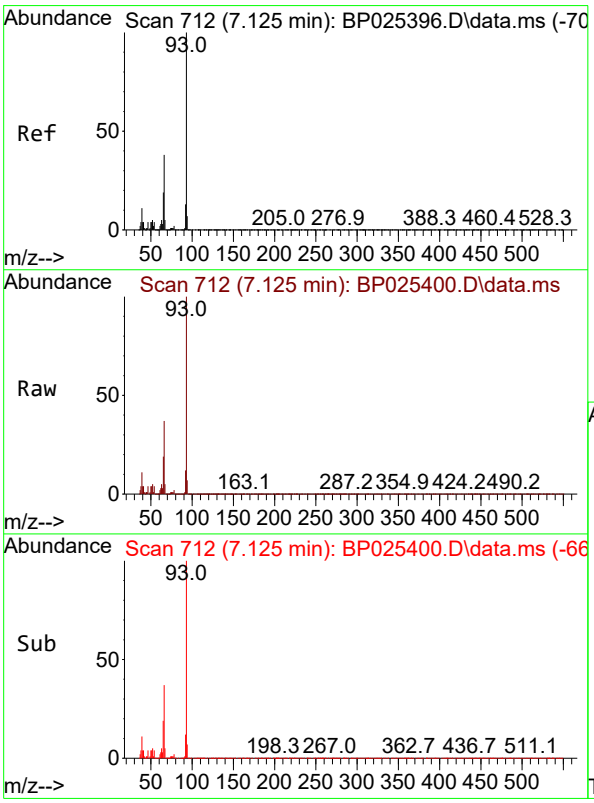
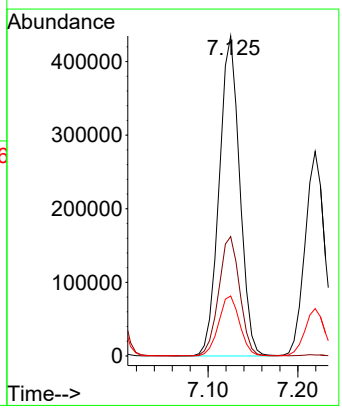
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

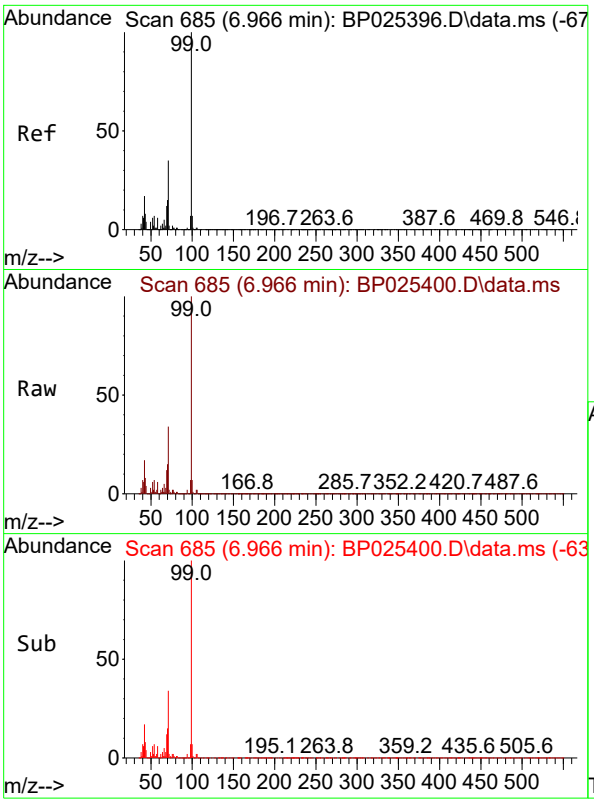


#6
Aniline
Concen: 38.147 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 93 Resp: 690437

Ion	Ratio	Lower	Upper
93	100		
66	37.3	30.4	45.6
65	18.7	15.3	22.9

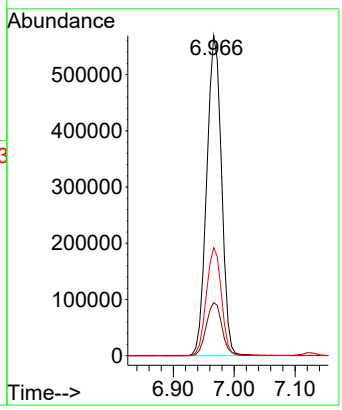




#7
Phenol-d6
Concen: 71.663 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 99 Resp: 96269

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.7	20.5
71	33.7	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
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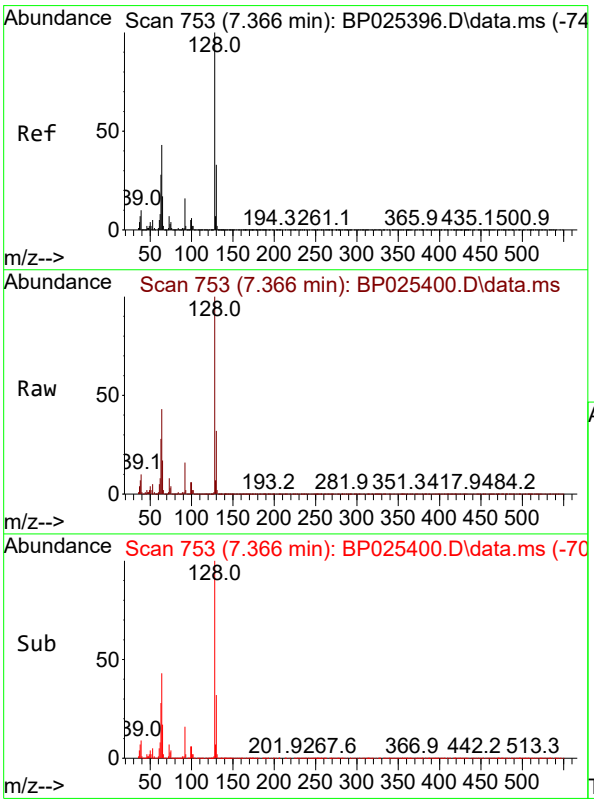
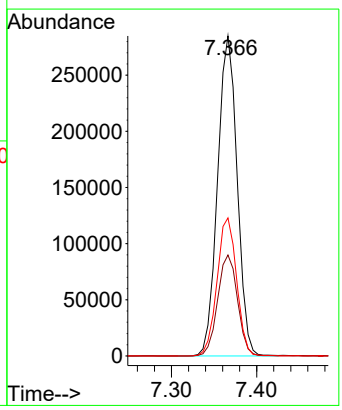
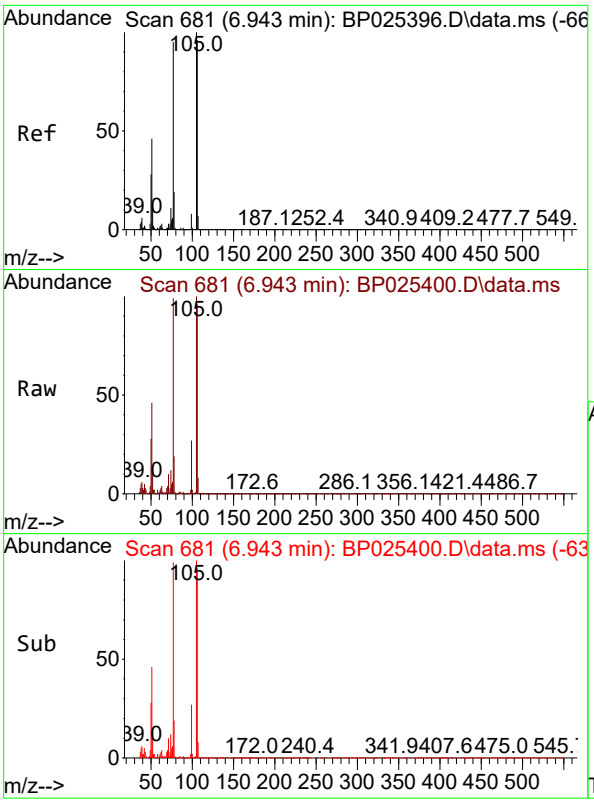


#8
2-Chlorophenol
Concen: 38.501 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:128 Resp: 455230

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.6	52.6
64	43.2	23.4	63.4

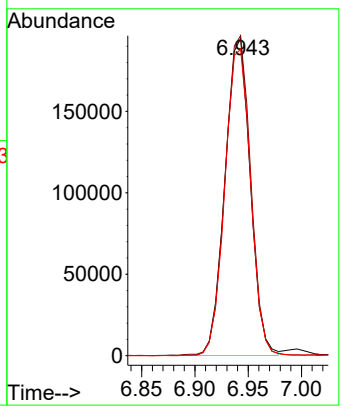




#9
Benzaldehyde
Concen: 34.142 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 32133

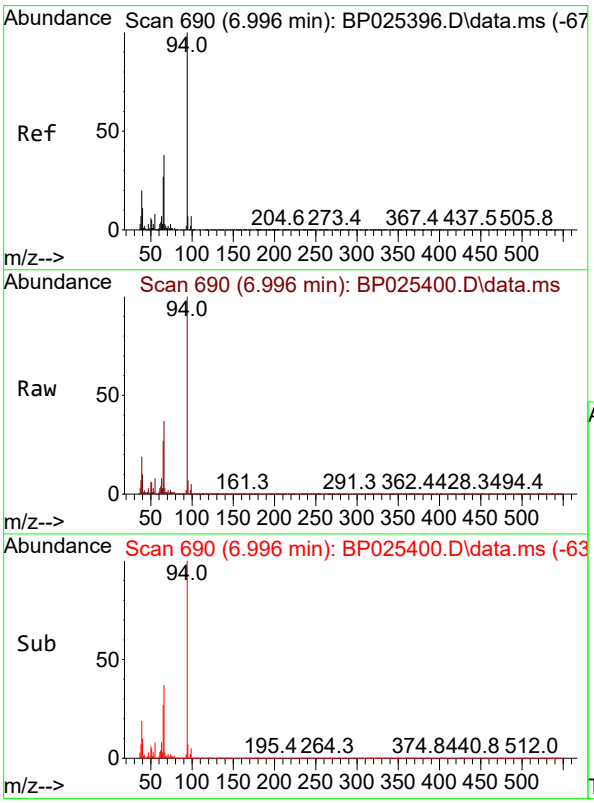
Ion	Ratio	Lower	Upper
77	100		
105	100.9	84.8	124.8
106	96.6	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

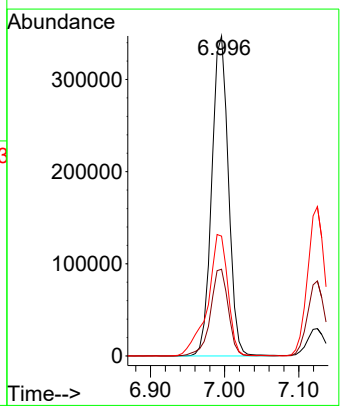
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

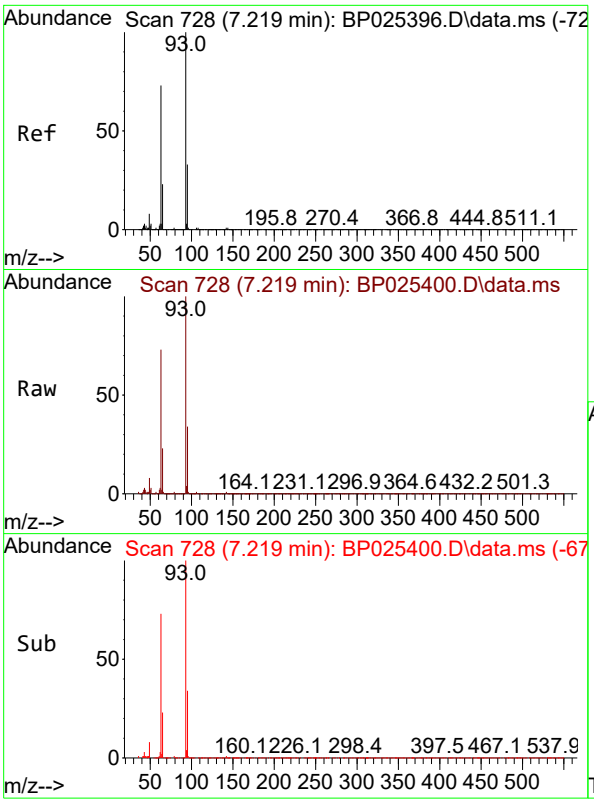


#10
Phenol
Concen: 38.388 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 94 Resp: 541123

Ion	Ratio	Lower	Upper
94	100		
65	27.1	6.8	46.8
66	37.5	18.2	58.2

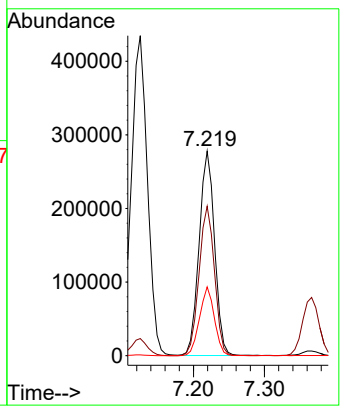




#11
bis(2-Chloroethyl)ether
Concen: 38.348 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 93 Resp: 42131

Ion	Ratio	Lower	Upper
93	100		
63	73.1	52.6	92.6
95	33.6	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
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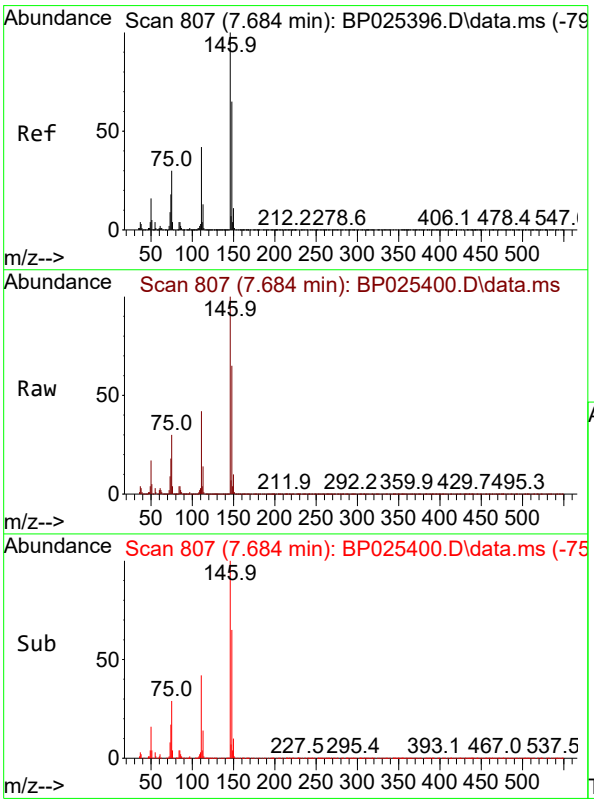
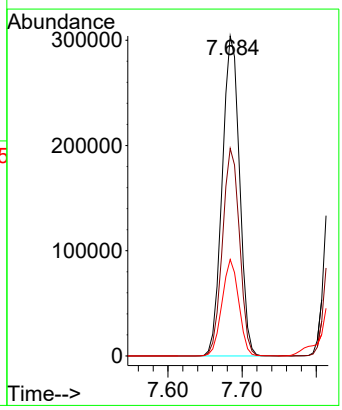
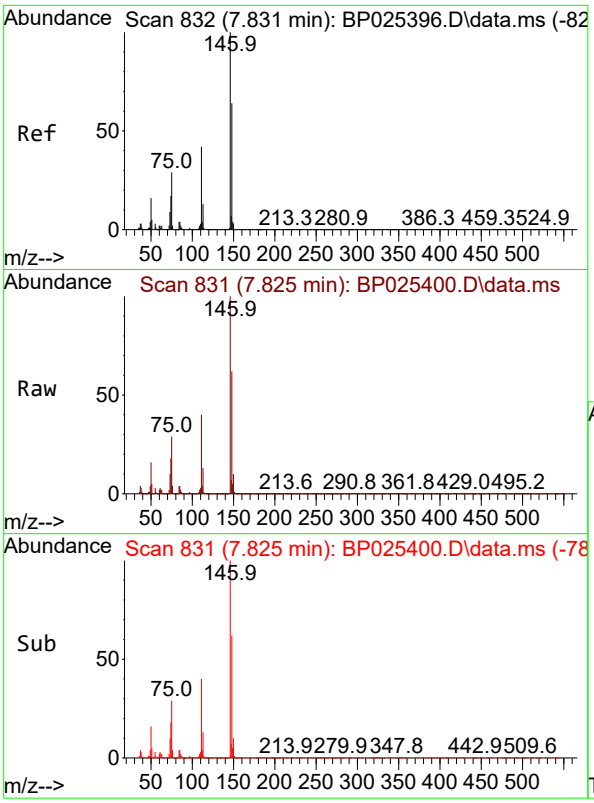


#12
1,3-Dichlorobenzene
Concen: 37.738 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:146 Resp: 492014

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	30.1	23.7	35.5

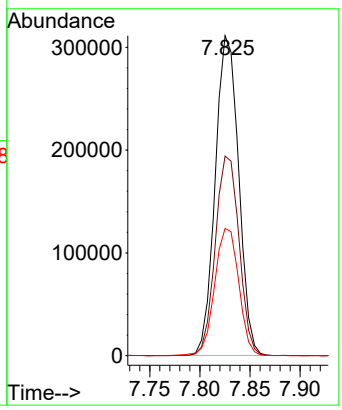




#13
1,4-Dichlorobenzene
Concen: 37.890 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:146 Resp: 50491

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.6	77.4
111	39.8	33.4	50.0



Instrument :
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ClientSampleId :
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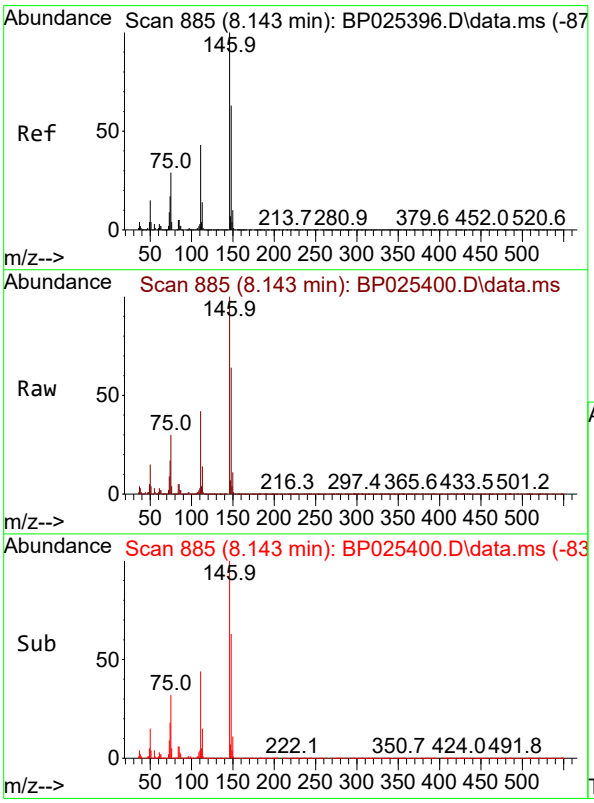
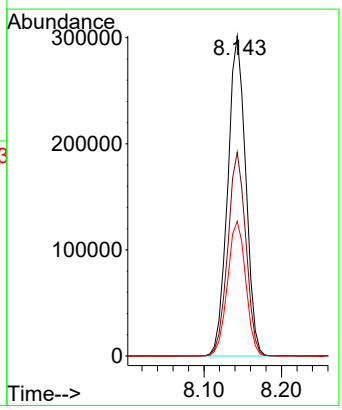
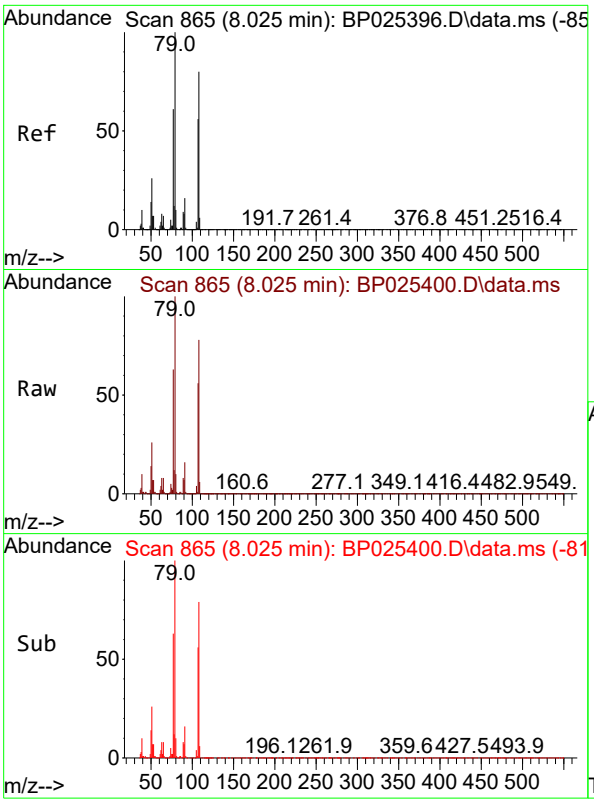


#14
1,2-Dichlorobenzene
Concen: 37.818 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:146 Resp: 487845

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	42.1	34.5	51.7

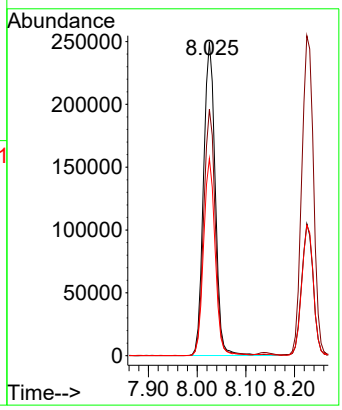




#15
Benzyl Alcohol
Concen: 39.025 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 79 Resp: 41654

Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.8	95.6
77	62.8	49.0	73.4



Instrument :
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ClientSampleId :
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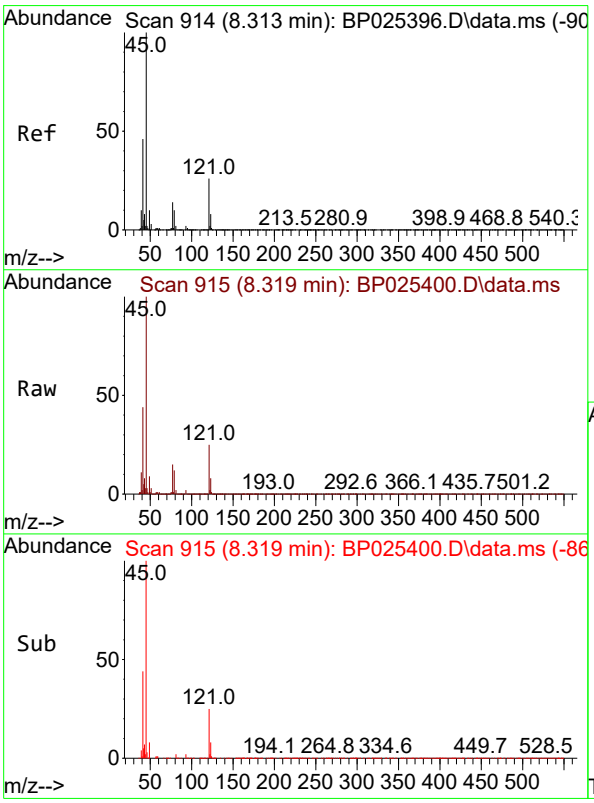
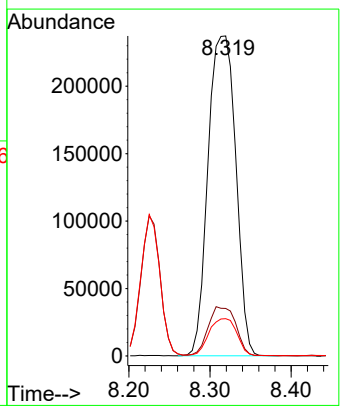
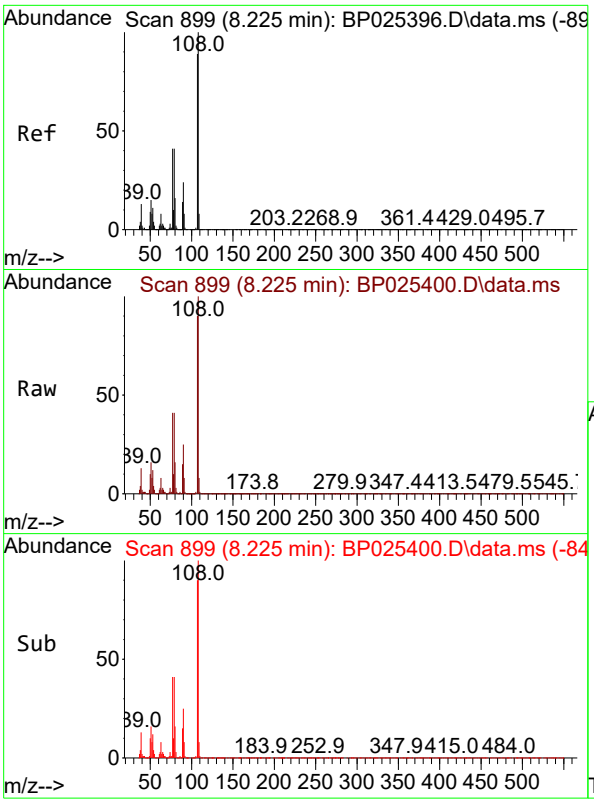


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.271 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 45 Resp: 563276

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.3
79	11.7	0.0	31.8





#17
2-Methylphenol
Concen: 38.877 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Tgt Ion:107 Resp: 38060

Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.4	134.0
77	45.3	36.3	54.5
79	45.7	36.6	54.8

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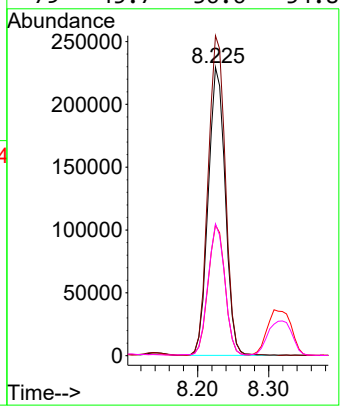
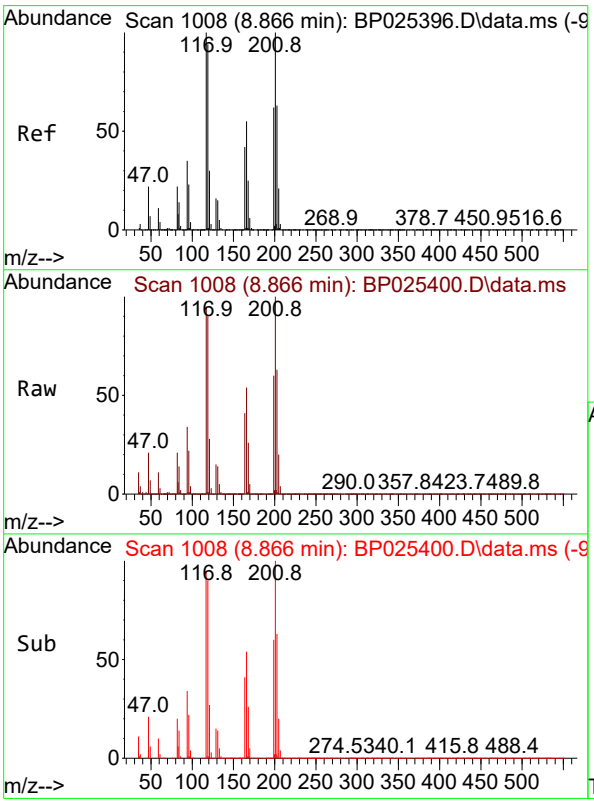
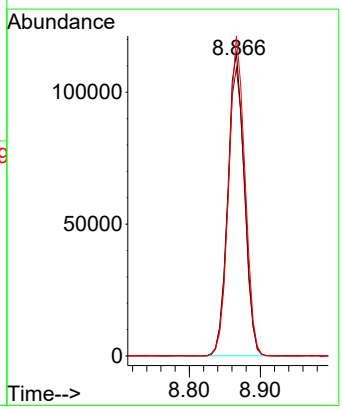


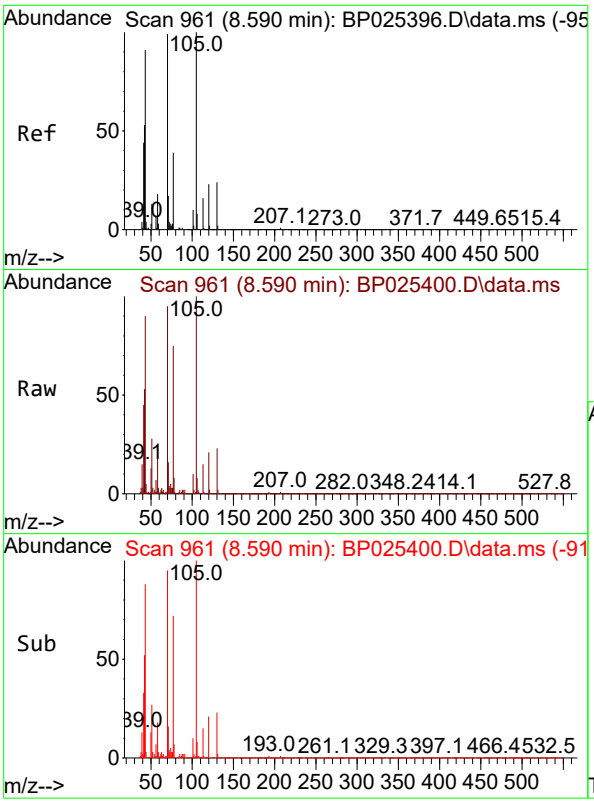


#18
Hexachloroethane
Concen: 38.103 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:117 Resp: 186691

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.1	112.7
201	105.6	80.1	120.1

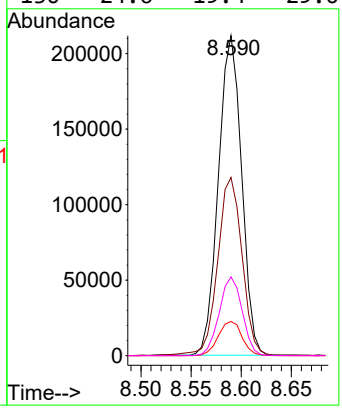




#19
n-Nitroso-di-n-propylamine
Concen: 38.270 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 70 Resp: 34053

Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.8	65.6
101	10.7	8.5	12.7
130	24.6	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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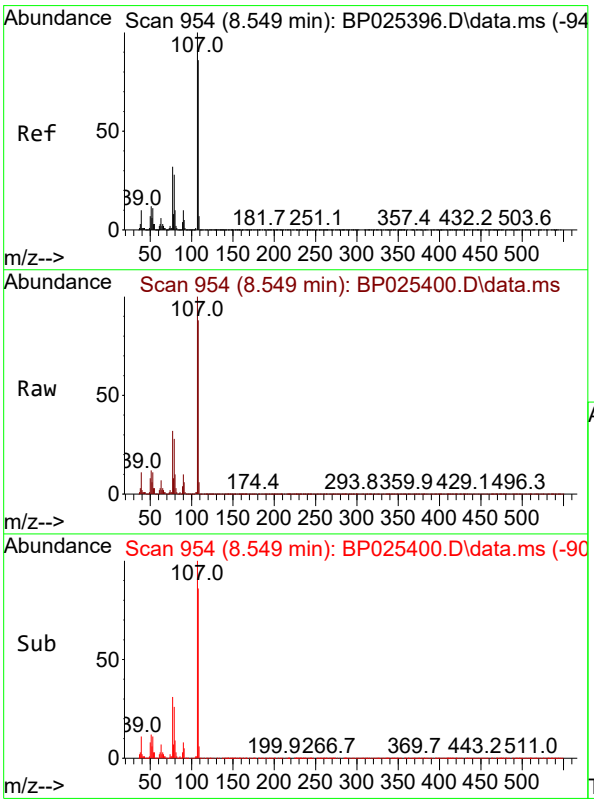
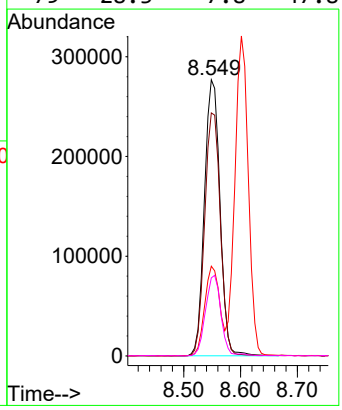
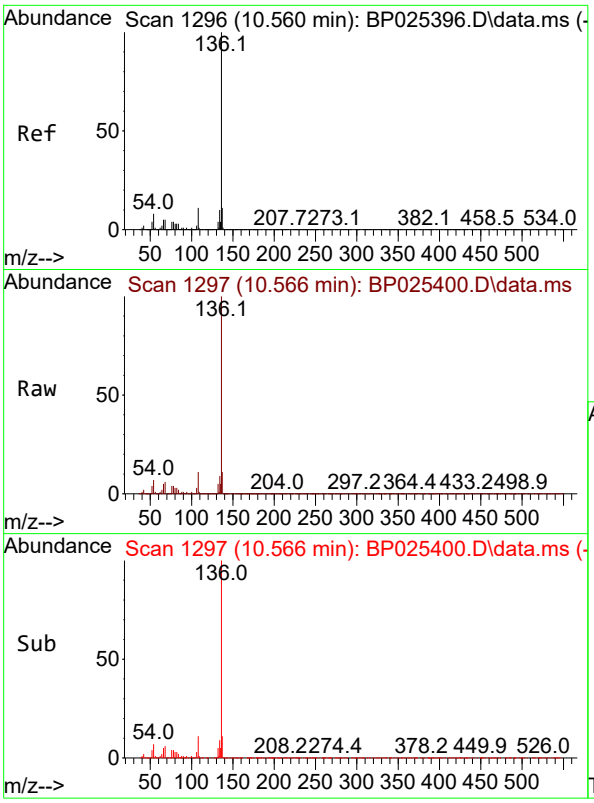


#20
3+4-Methylphenols
Concen: 38.620 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:107 Resp: 524095

Ion	Ratio	Lower	Upper
107	100		
108	88.0	66.3	106.3
77	32.5	12.3	52.3
79	28.3	7.8	47.8

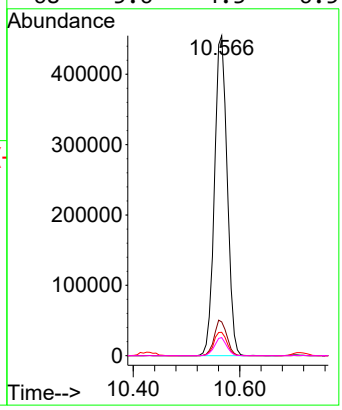




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:136 Resp: 75007

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.3	6.0	9.0
68	5.6	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
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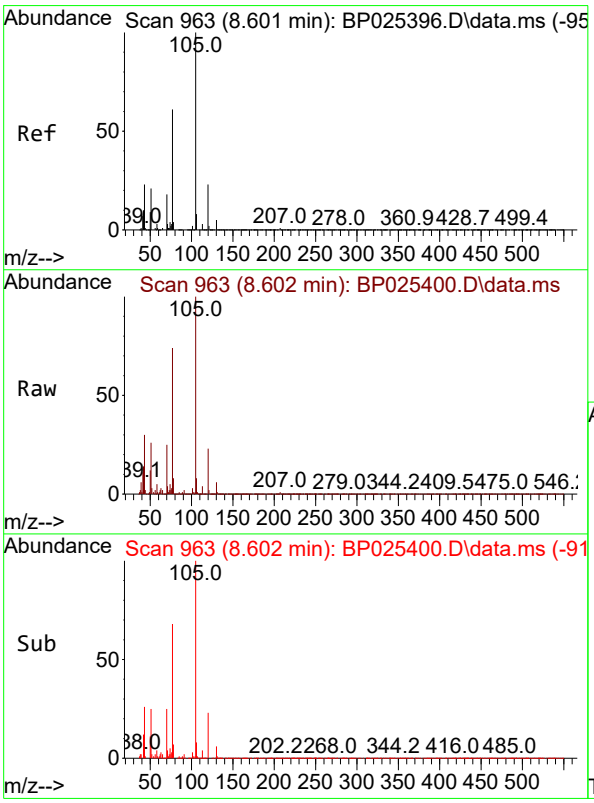
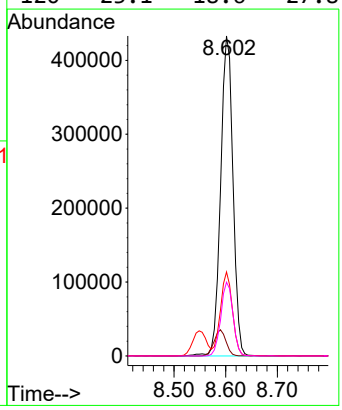
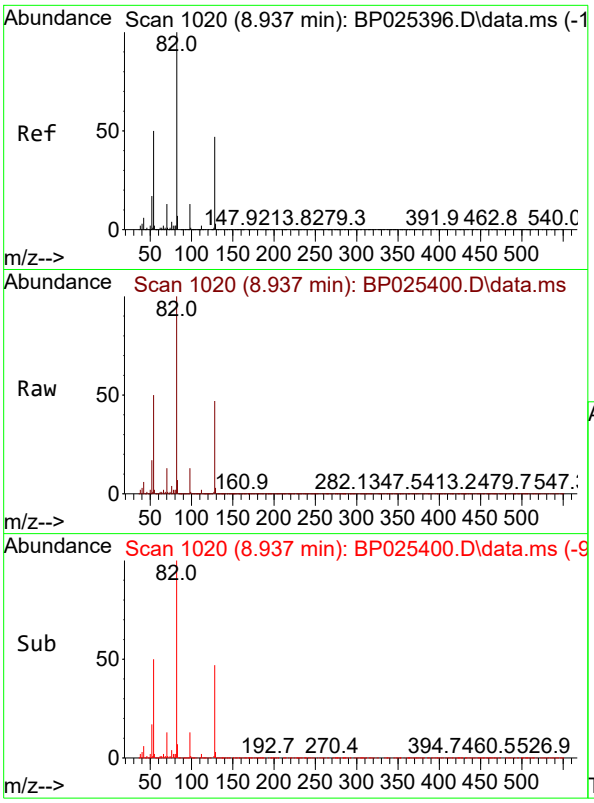


#22
Acetophenone
Concen: 38.216 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:105 Resp: 718869

Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	4.0#
51	26.2	20.6	30.8
120	23.1	18.6	27.8

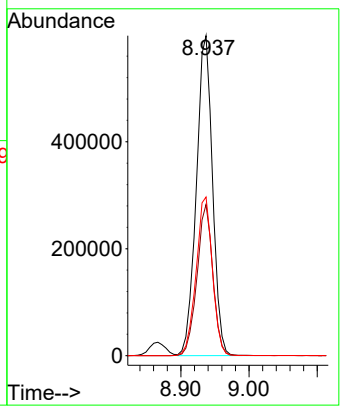




#23
Nitrobenzene-d5
Concen: 66.391 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 82 Resp: 98444

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.7	56.5
54	49.6	39.8	59.6



Instrument :
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ClientSampleId :
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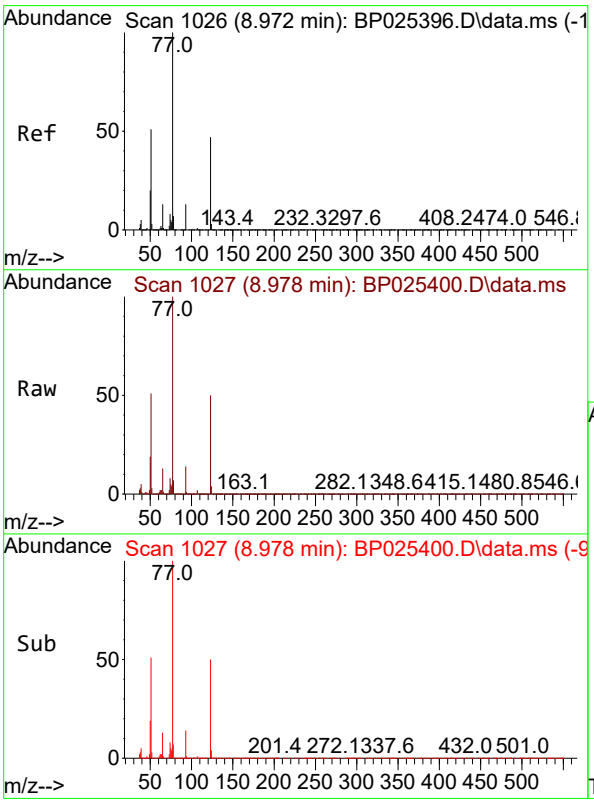
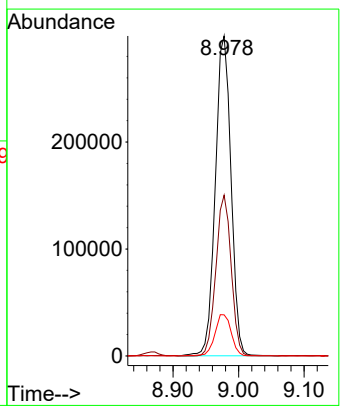
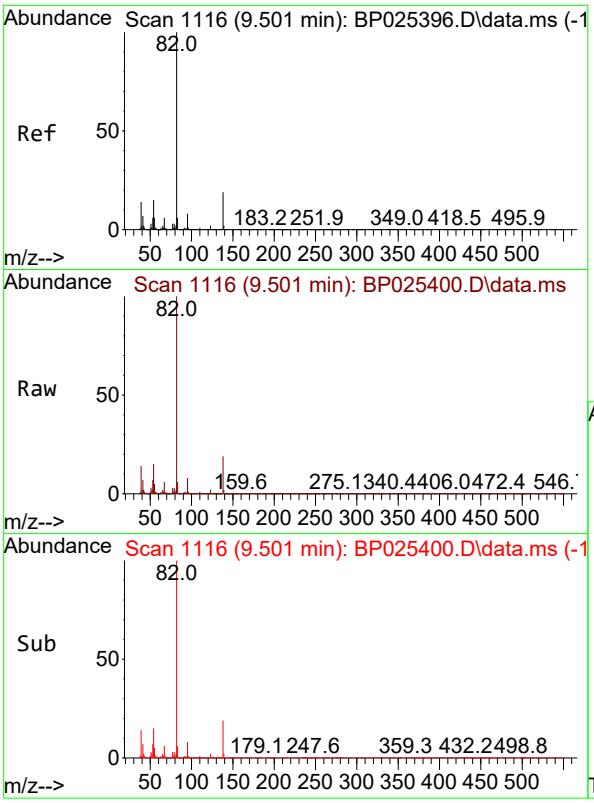


#24
Nitrobenzene
Concen: 37.313 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 494466

Ion	Ratio	Lower	Upper
77	100		
123	50.3	38.6	58.0
65	12.9	10.6	15.8





#25
Isophorone
Concen: 37.855 ng
RT: 9.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 82 Resp: 99337

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	18.9	15.4	23.0

Instrument :
BNA_P
ClientSampleId :
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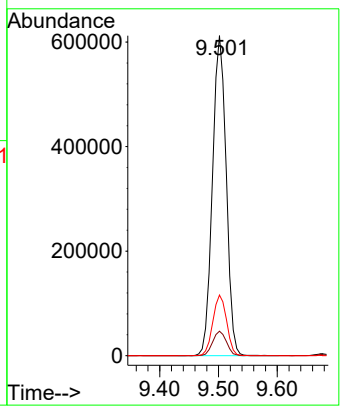
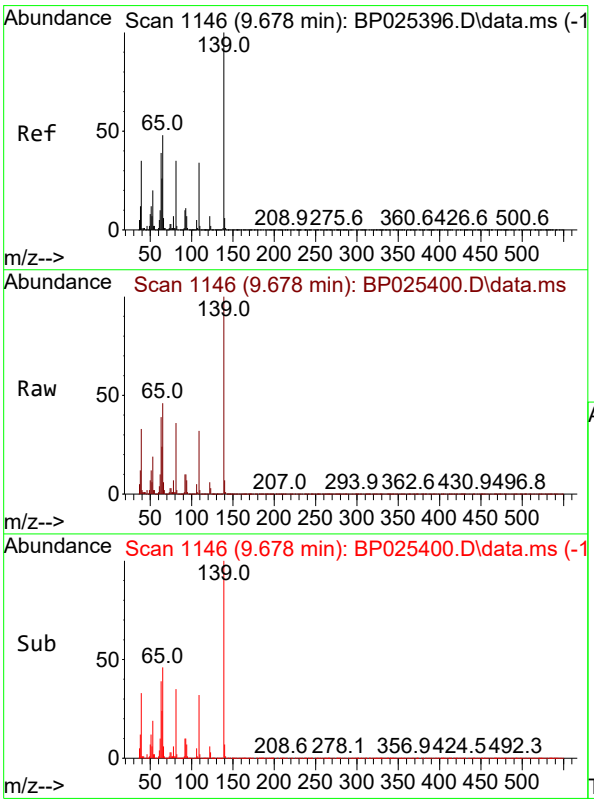
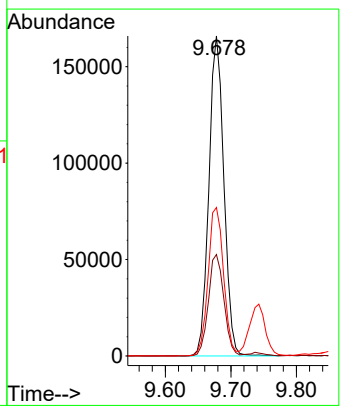


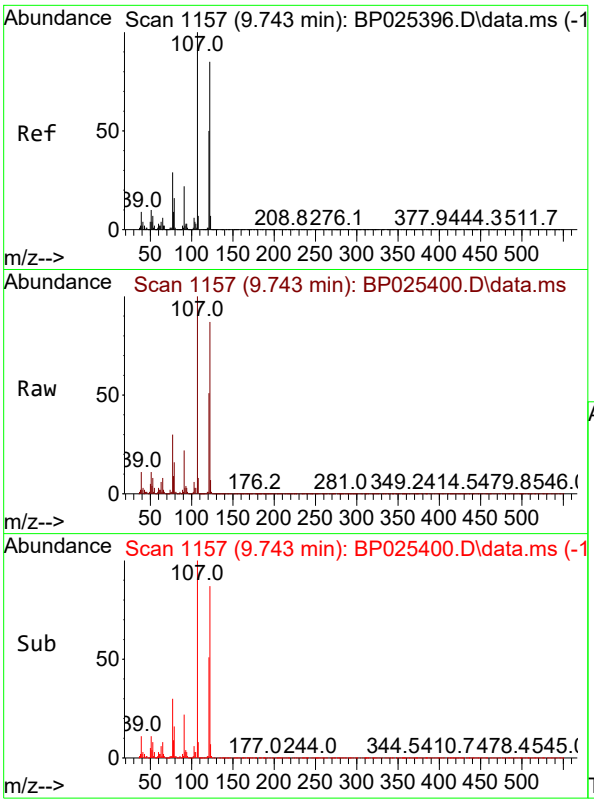


#26
2-Nitrophenol
Concen: 38.722 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:139 Resp: 263348

Ion	Ratio	Lower	Upper
139	100		
109	31.7	26.9	40.3
65	46.4	38.3	57.5

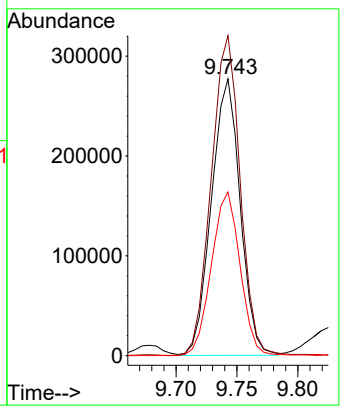




#27
2,4-Dimethylphenol
Concen: 38.910 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:122 Resp: 45507

Ion	Ratio	Lower	Upper
122	100		
107	115.6	93.7	140.5
121	59.1	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
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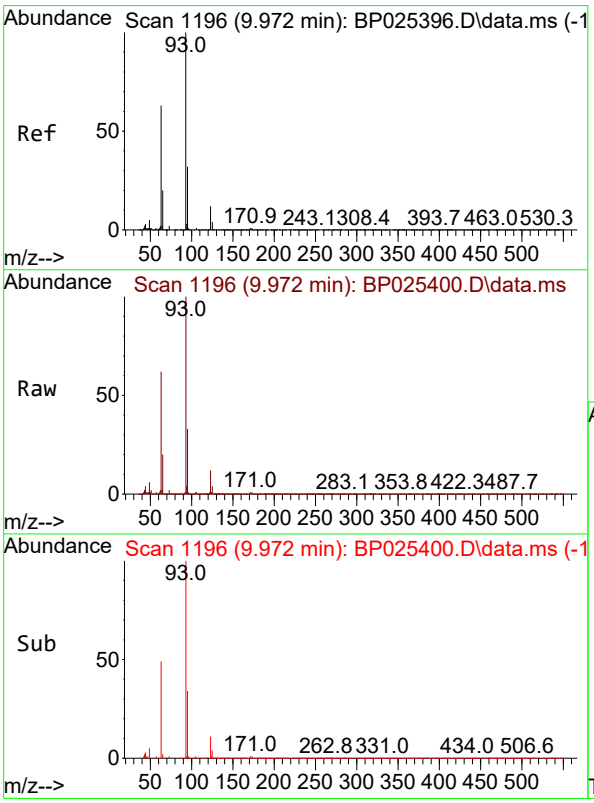
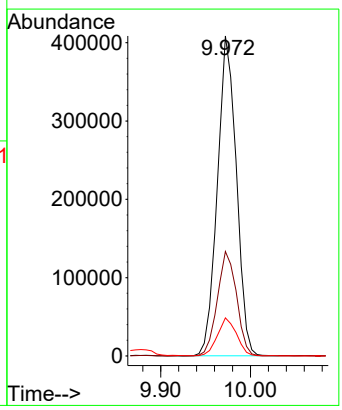
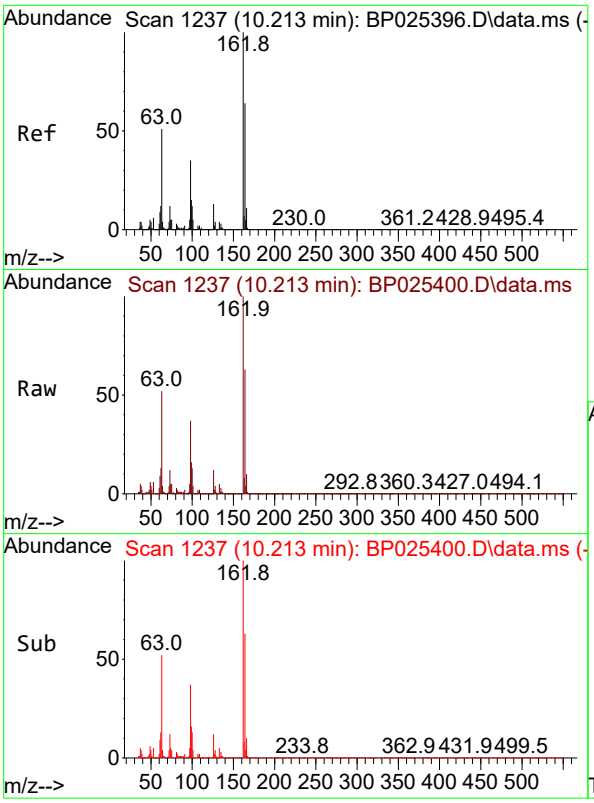


#28
bis(2-Chloroethoxy)methane
Concen: 37.816 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 93 Resp: 599862

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.9	9.4	14.0

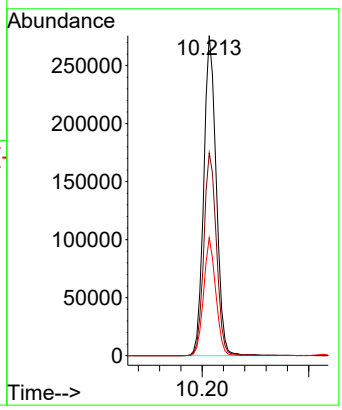




#29
2,4-Dichlorophenol
Concen: 38.649 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:162 Resp: 44903

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	36.9	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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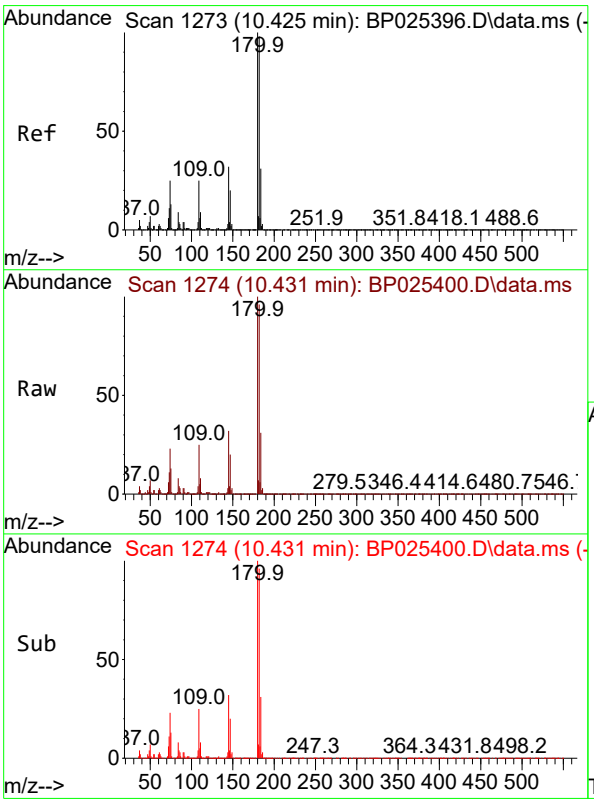
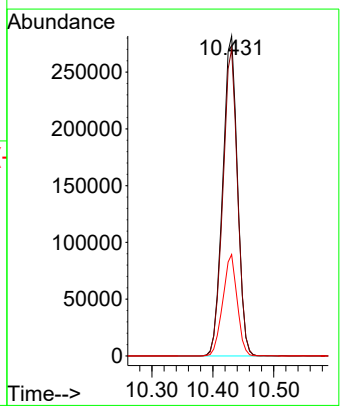
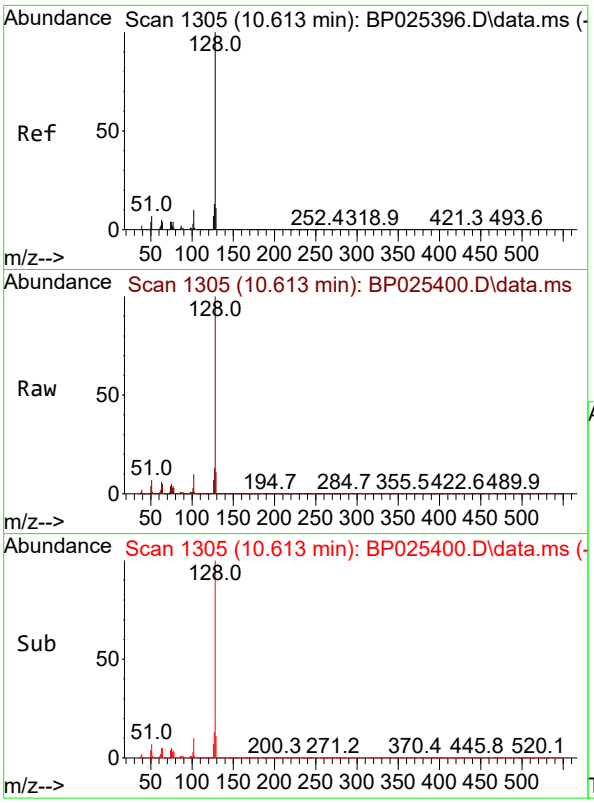


#30
1,2,4-Trichlorobenzene
Concen: 37.231 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:180 Resp: 474183

Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.0	117.0
145	31.7	25.9	38.9

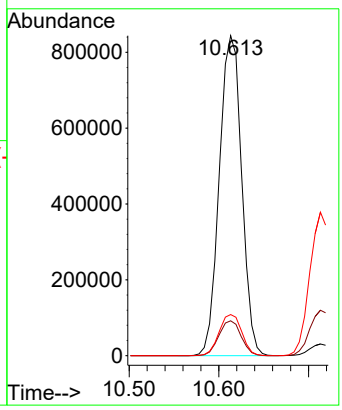




#31
Naphthalene
Concen: 37.431 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:128 Resp: 145927

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.8	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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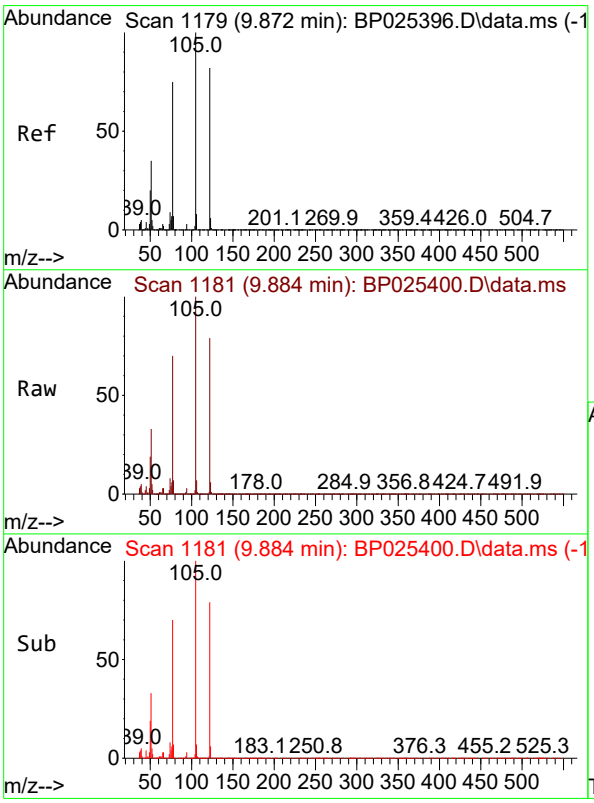
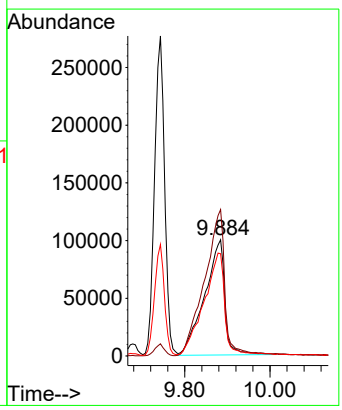
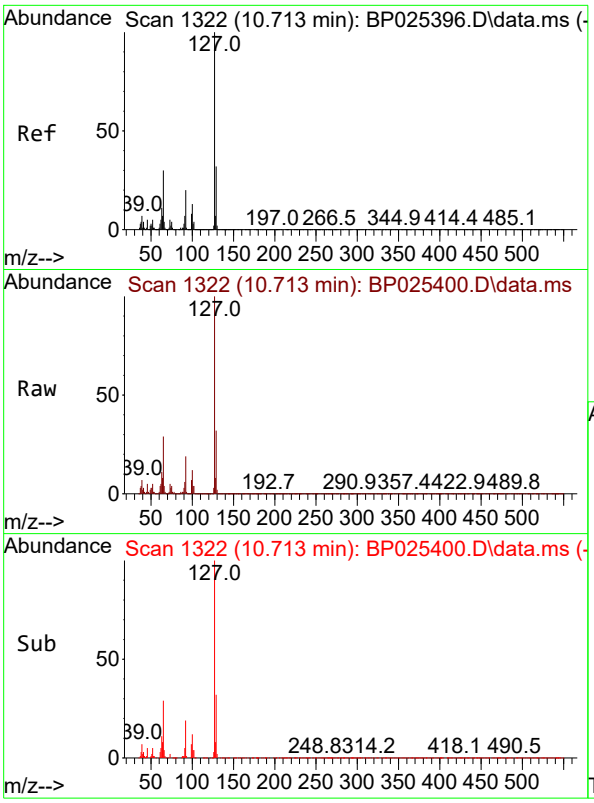


#32
Benzoic acid
Concen: 38.242 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:122 Resp: 330207

Ion	Ratio	Lower	Upper
122	100		
105	126.0	100.6	140.6
77	88.0	71.5	111.5

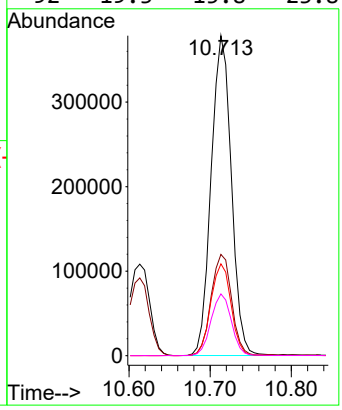




#33
4-Chloroaniline
Concen: 38.043 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:127 Resp: 65513

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	28.7	23.8	35.6
92	19.3	15.8	23.8



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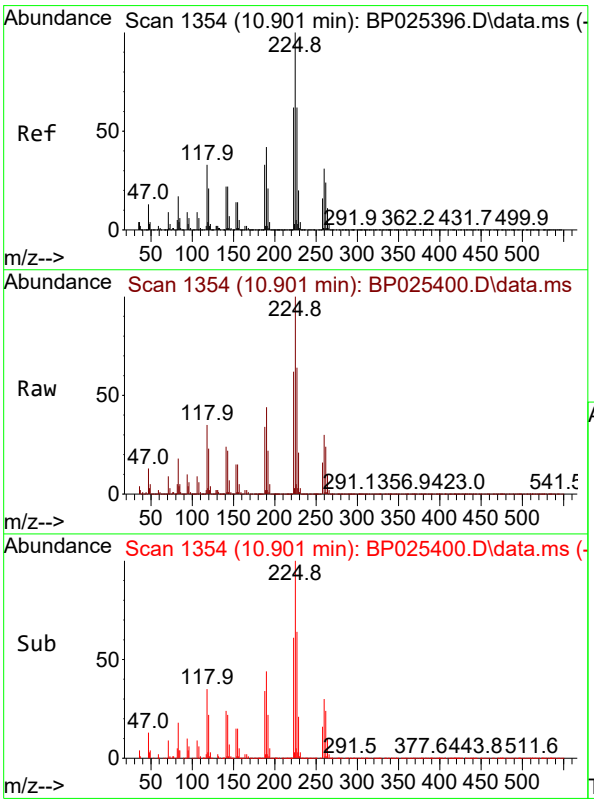
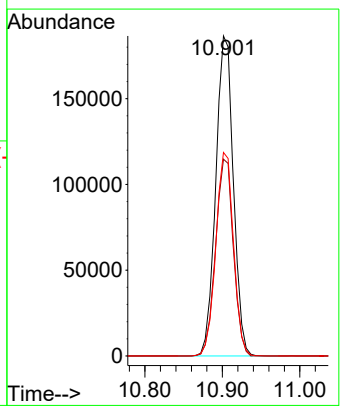
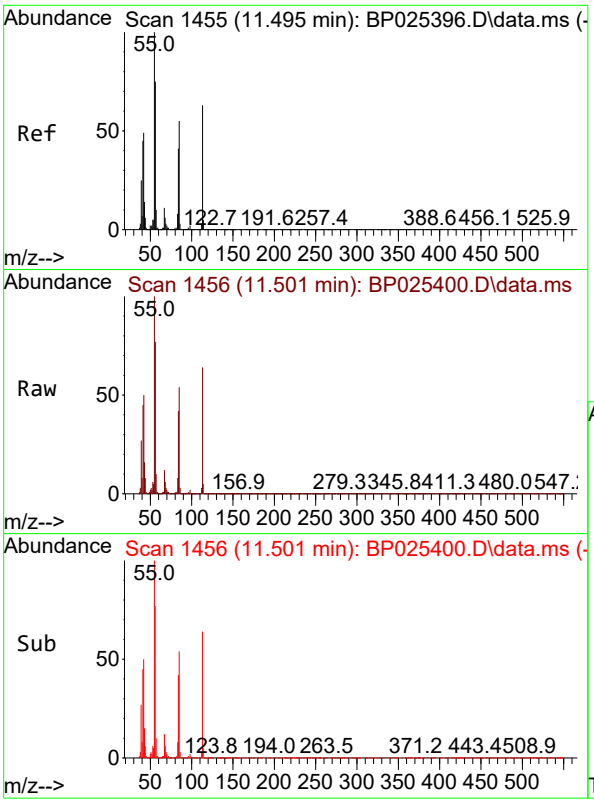


#34
Hexachlorobutadiene
Concen: 37.031 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:225 Resp: 293728

Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.0	75.0
227	63.6	49.7	74.5

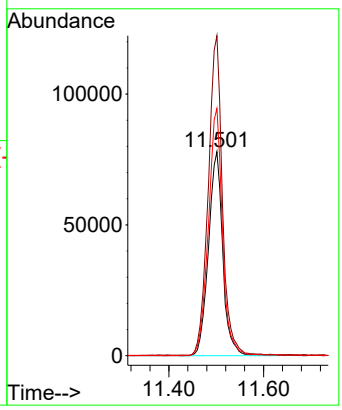




#35
Caprolactam
Concen: 38.310 ng
RT: 11.501 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:113 Resp: 16321

Ion	Ratio	Lower	Upper
113	100		
55	156.9	140.0	180.0
56	121.2	100.0	140.0



Instrument :
BNA_P
ClientSampleId :
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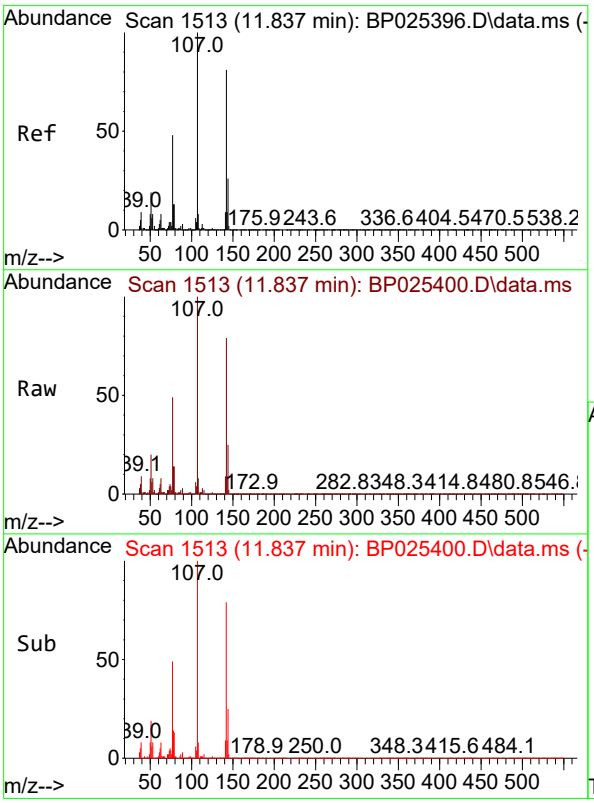
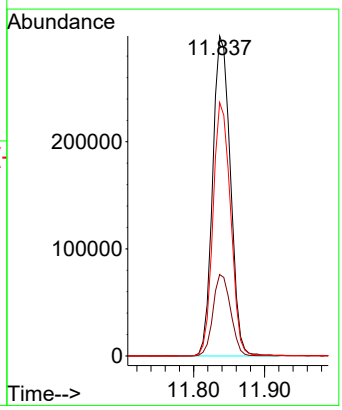
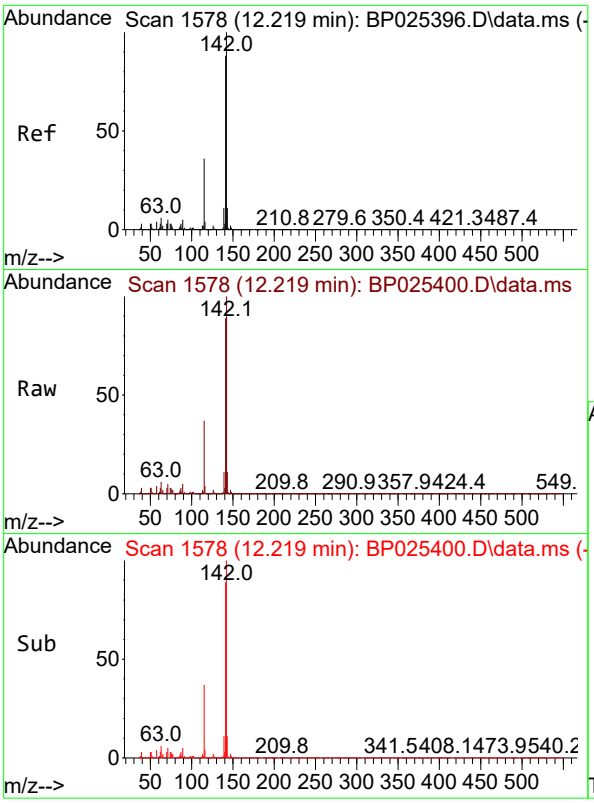


#36
4-Chloro-3-methylphenol
Concen: 38.789 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:107 Resp: 517126

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	79.2	64.6	97.0

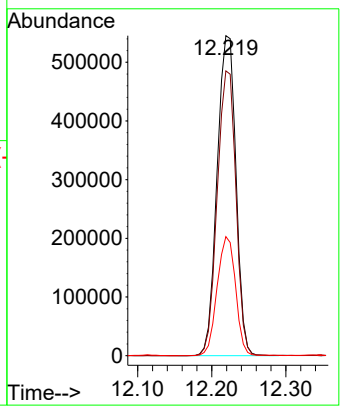




#37
2-Methylnaphthalene
Concen: 37.845 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:142 Resp: 96014

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	37.2	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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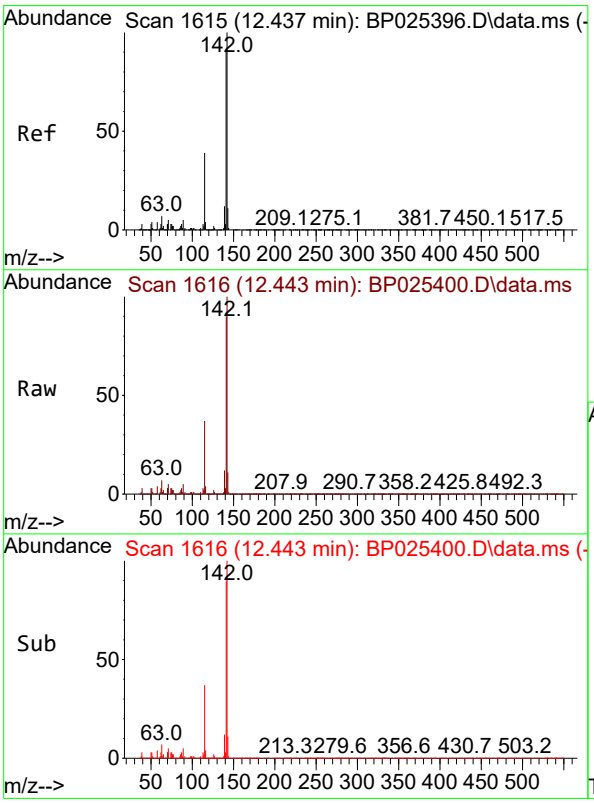
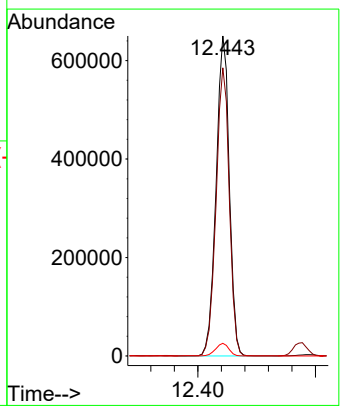
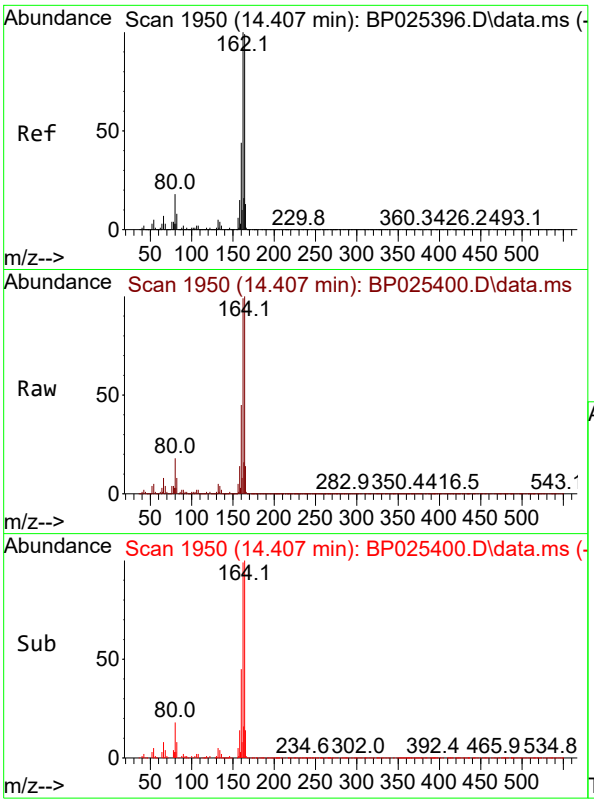


#38
1-Methylnaphthalene
Concen: 37.539 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:142 Resp: 1012844

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.1	109.7
116	3.9	3.2	4.8

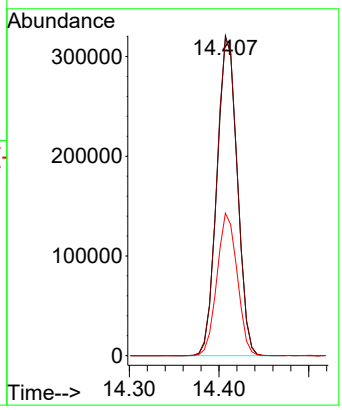




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:164 Resp: 50323

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.0	121.6
160	44.5	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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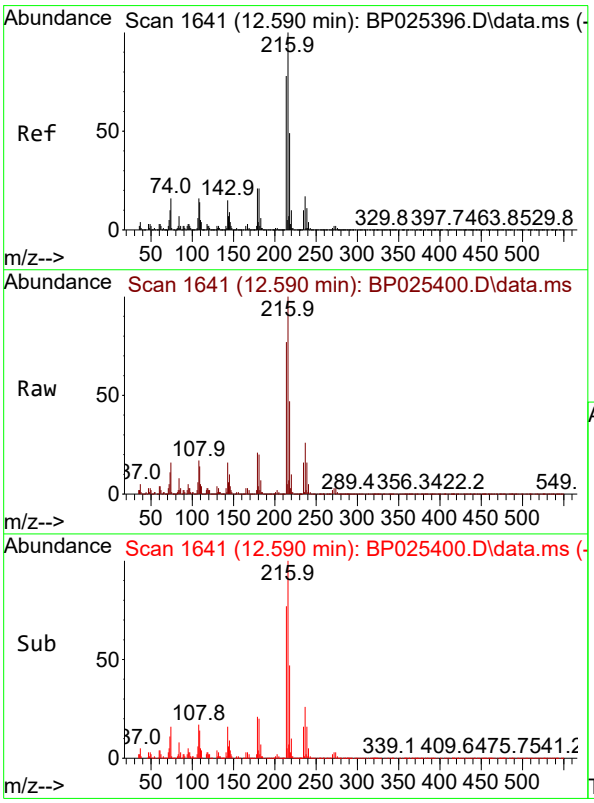
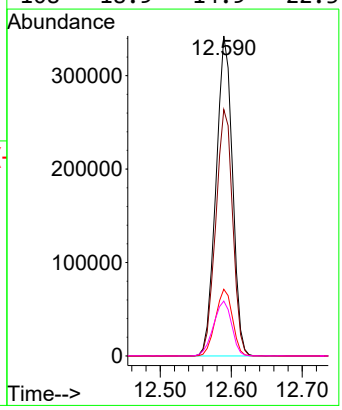
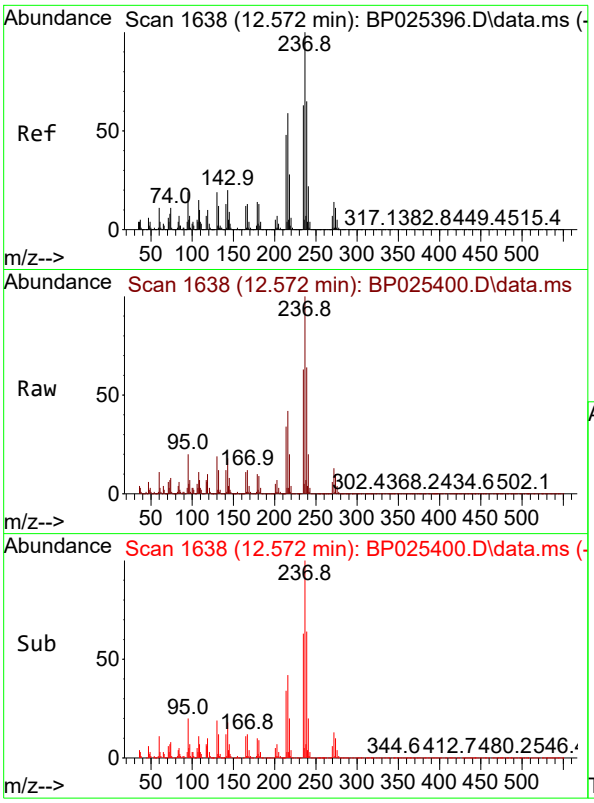


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.895 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:216 Resp: 550777

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.4	17.1	25.7
108	18.9	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 40.074 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Tgt Ion:237 Resp: 35181

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	13.0	0.0	34.0

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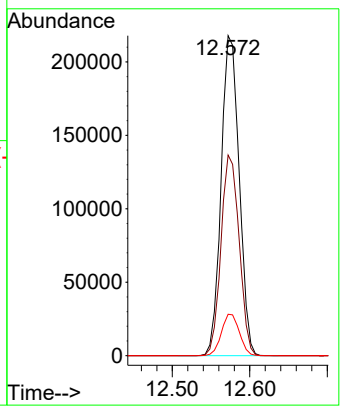
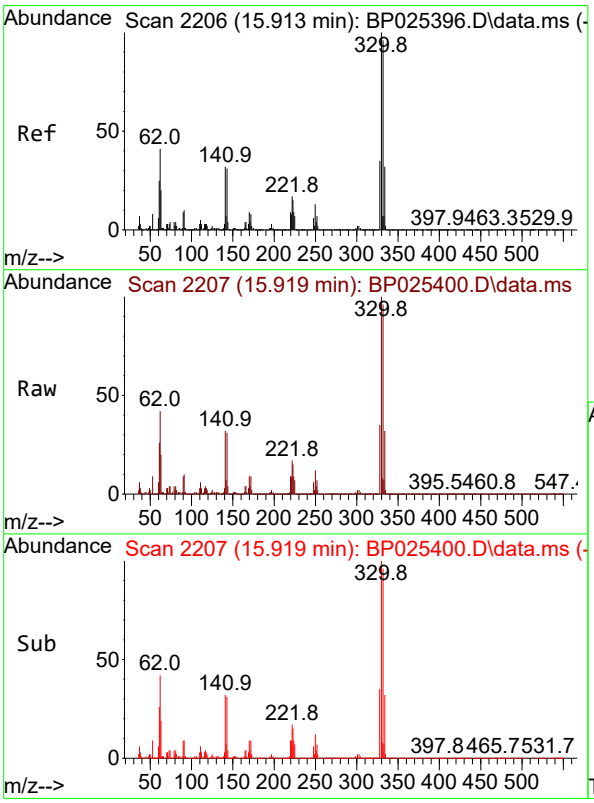
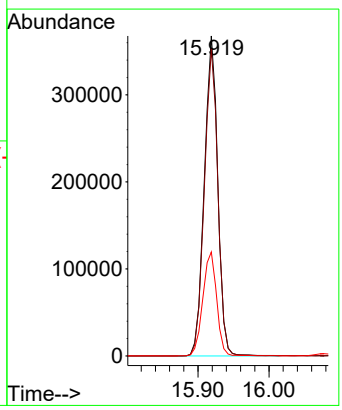


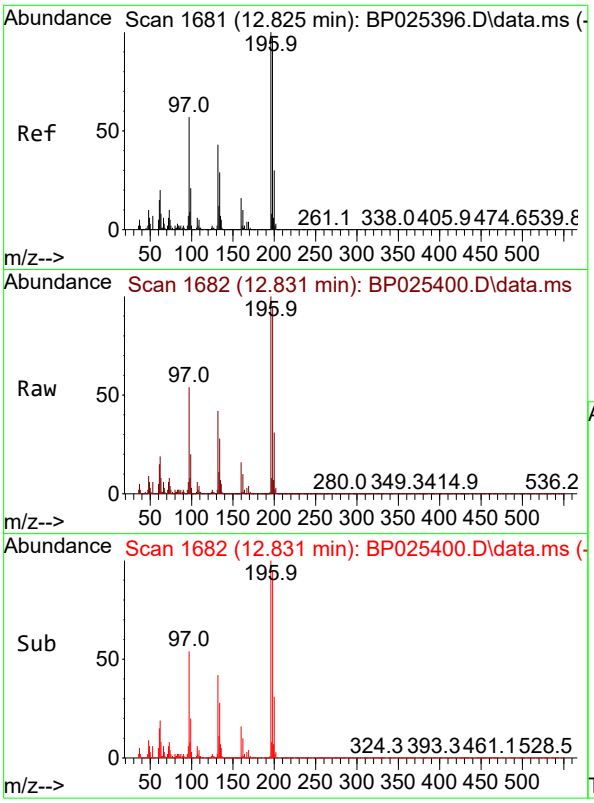


#42
2,4,6-Tribromophenol
Concen: 71.582 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:330 Resp: 484870

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.4	26.6	39.8

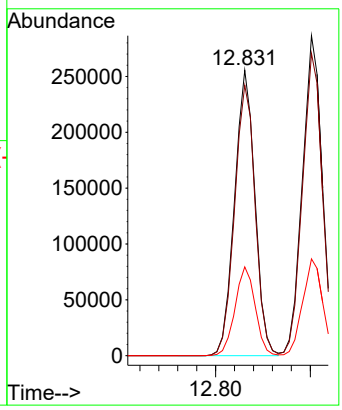




#43
2,4,6-Trichlorophenol
Concen: 38.972 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:196 Resp: 38239

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.2	115.8
200	31.1	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
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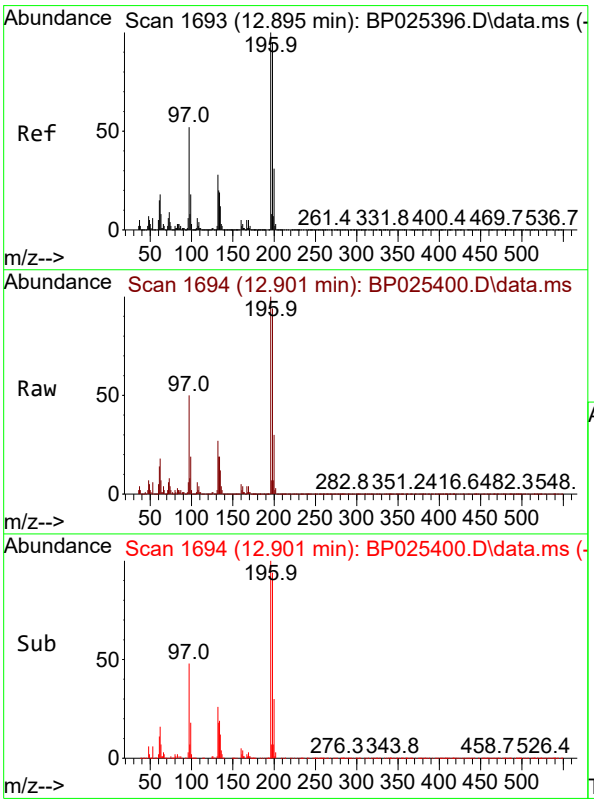
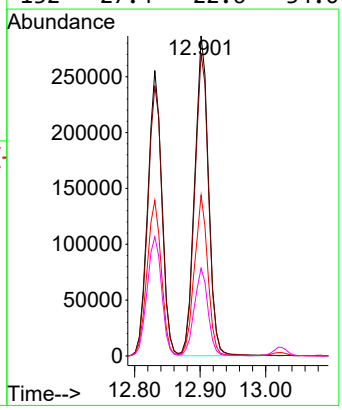
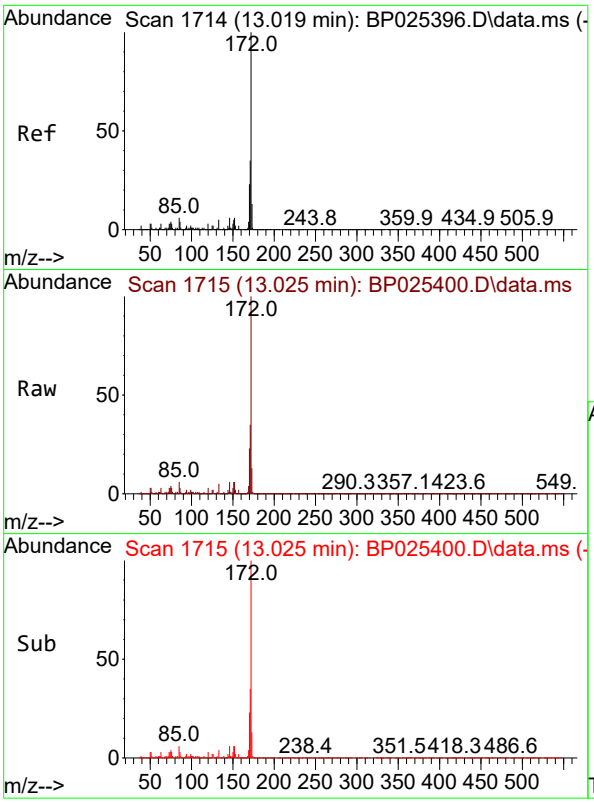


#44
2,4,5-Trichlorophenol
Concen: 39.108 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:196 Resp: 420565

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.2
97	50.2	41.2	61.8
132	27.4	22.6	34.0

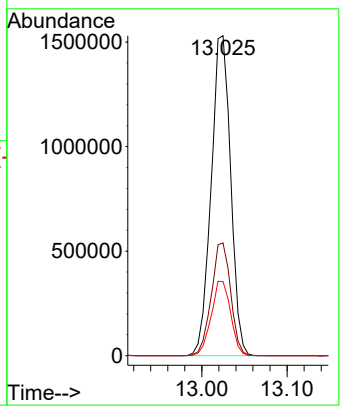




#45
2-Fluorobiphenyl
Concen: 66.016 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:172 Resp: 243082

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.1	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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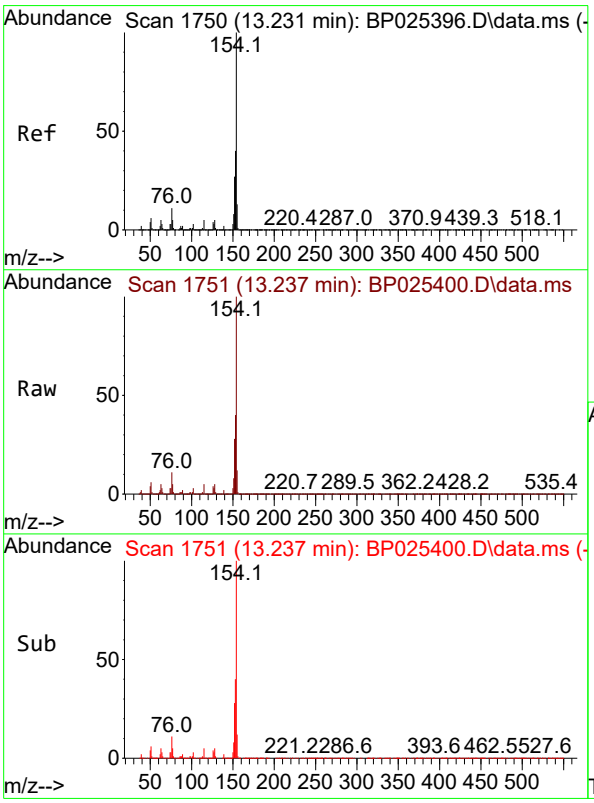
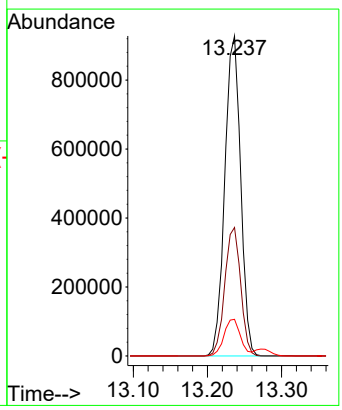
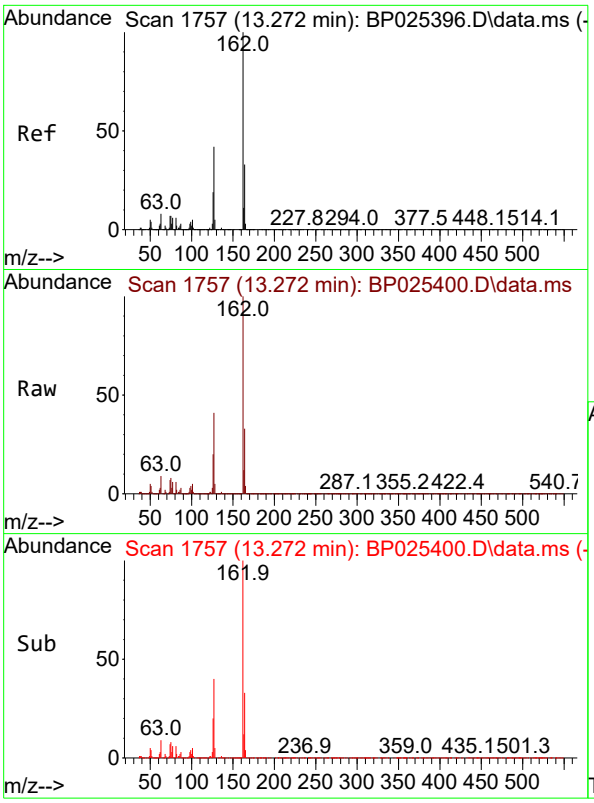


#46
1,1'-Biphenyl
Concen: 37.672 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:154 Resp: 1376834

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	11.4	0.0	31.1

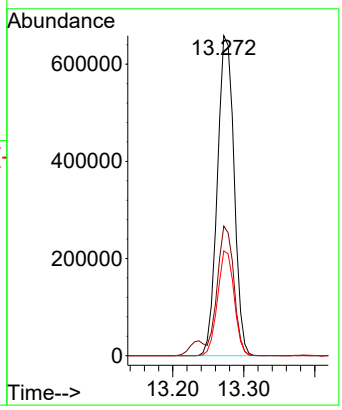




#47
2-Chloronaphthalene
Concen: 37.682 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:162 Resp: 107214

Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.4	50.2
164	32.8	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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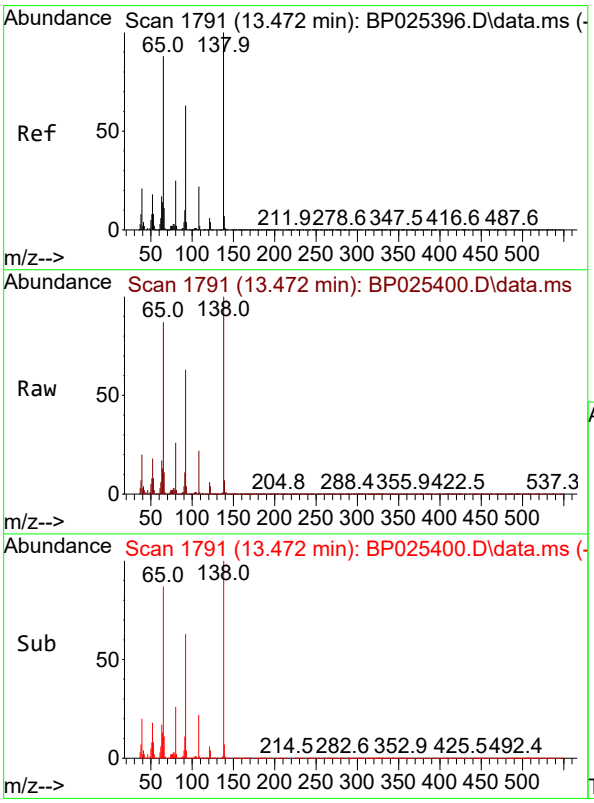
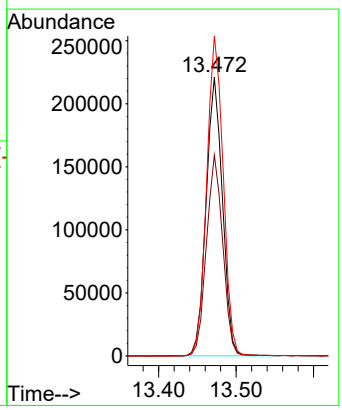
Supervised By :Jagrut Upadhyay 08/15/2025

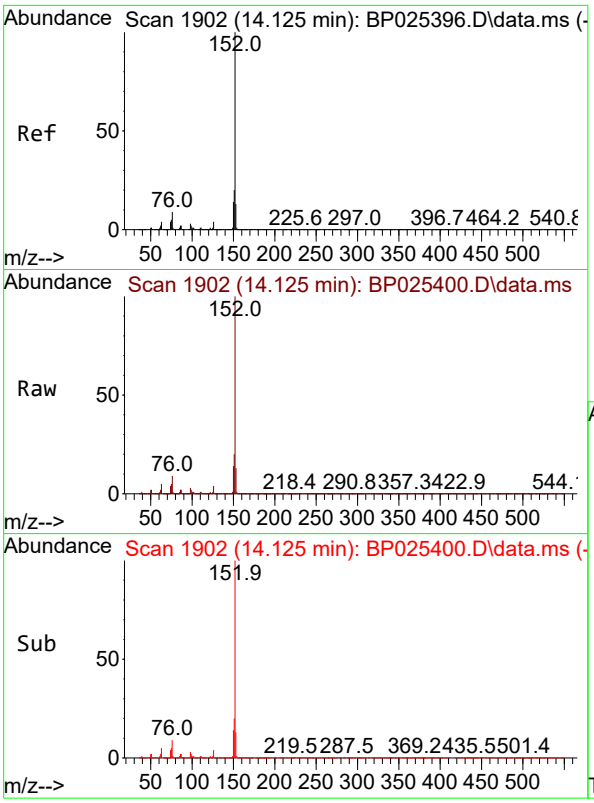


#48
2-Nitroaniline
Concen: 39.081 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 65 Resp: 323995

Ion	Ratio	Lower	Upper
65	100		
92	72.2	57.6	86.4
138	114.9	91.0	136.6

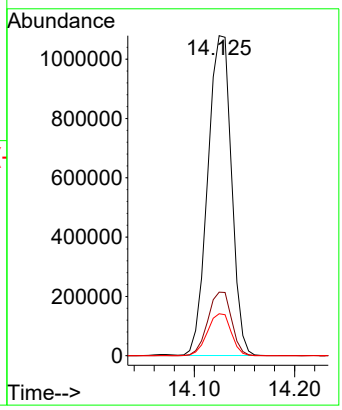




#49
Acenaphthylene
Concen: 37.720 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:152 Resp: 177589

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.1	10.6	15.8



Instrument :
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ClientSampleId :
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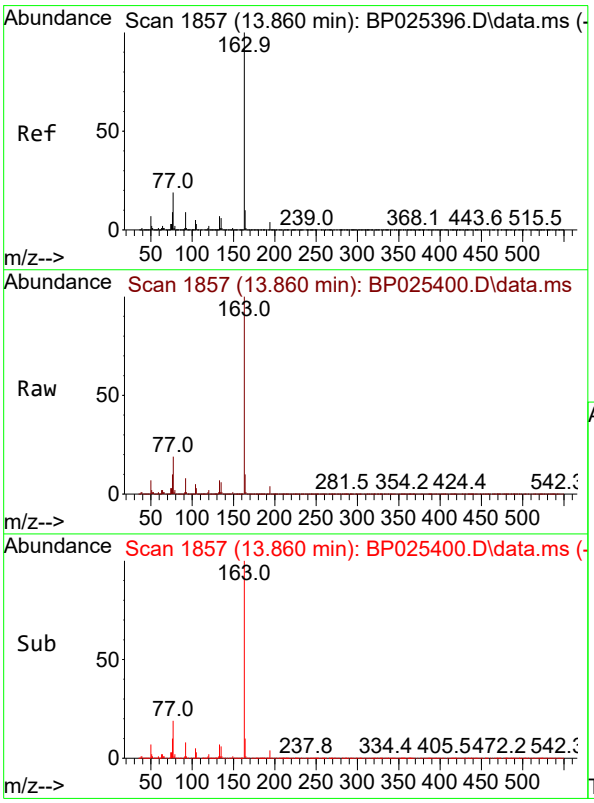
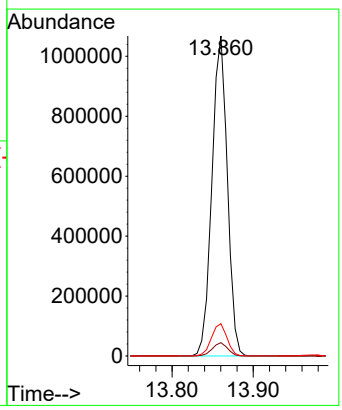
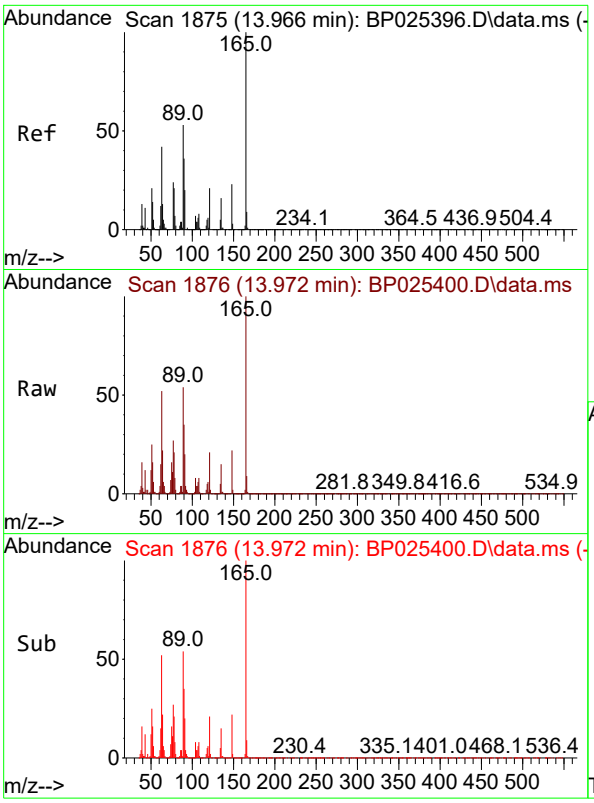


#50
Dimethylphthalate
Concen: 38.170 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:163 Resp: 1406620

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.9	11.9

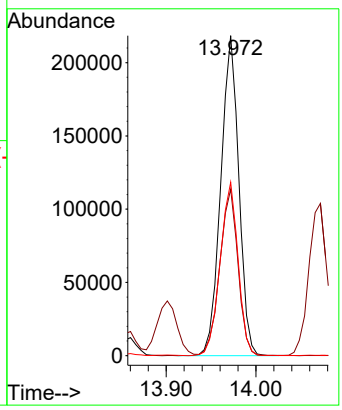




#51
2,6-Dinitrotoluene
Concen: 39.211 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:165 Resp: 30456

Ion	Ratio	Lower	Upper
165	100		
63	52.1	40.9	61.3
89	54.2	42.1	63.1



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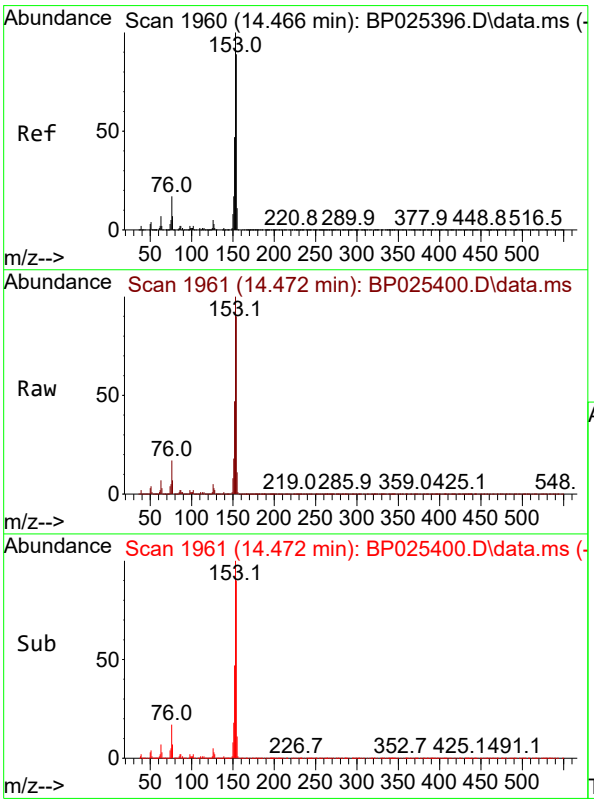
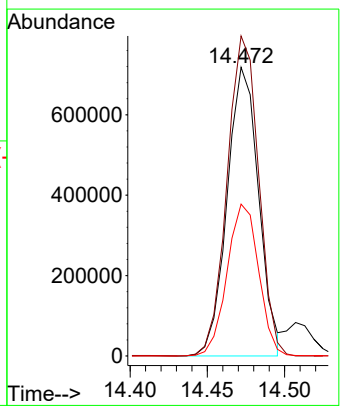
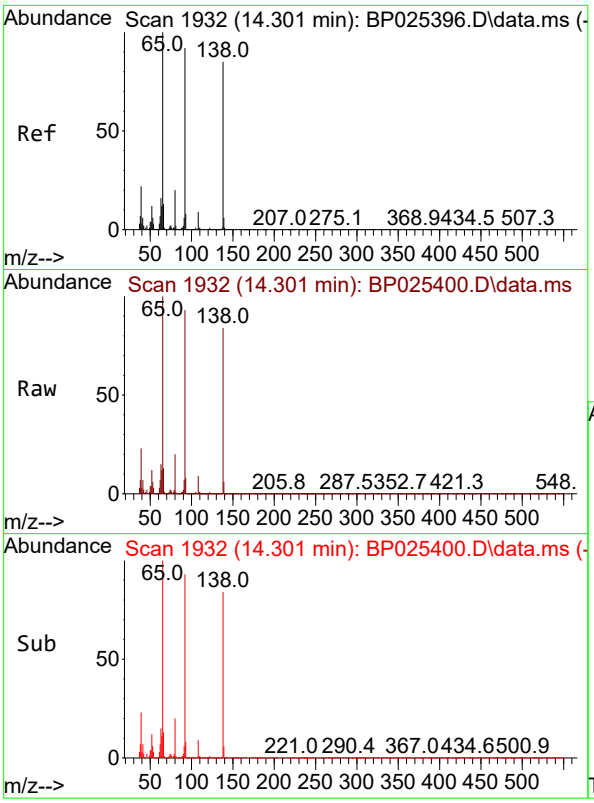


#52
Acenaphthene
Concen: 36.837 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:154 Resp: 1018011

Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.2	135.2
152	52.6	42.1	63.1

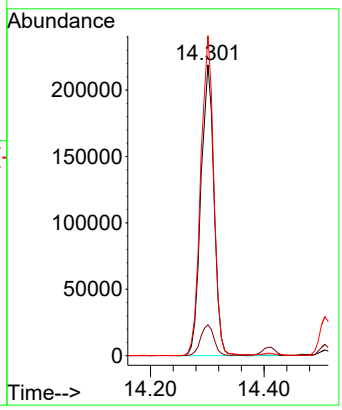




#53
3-Nitroaniline
Concen: 40.027 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:138 Resp: 34979

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.3	12.5
92	110.0	86.2	129.2



Instrument :
BNA_P
ClientSampleId :
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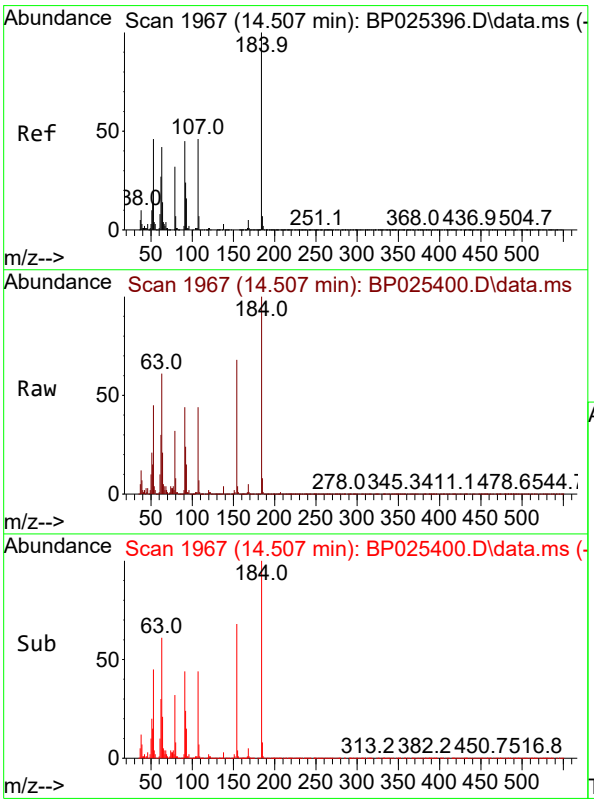
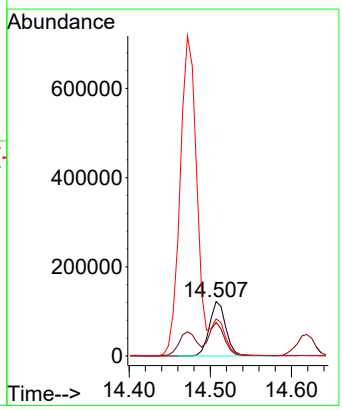
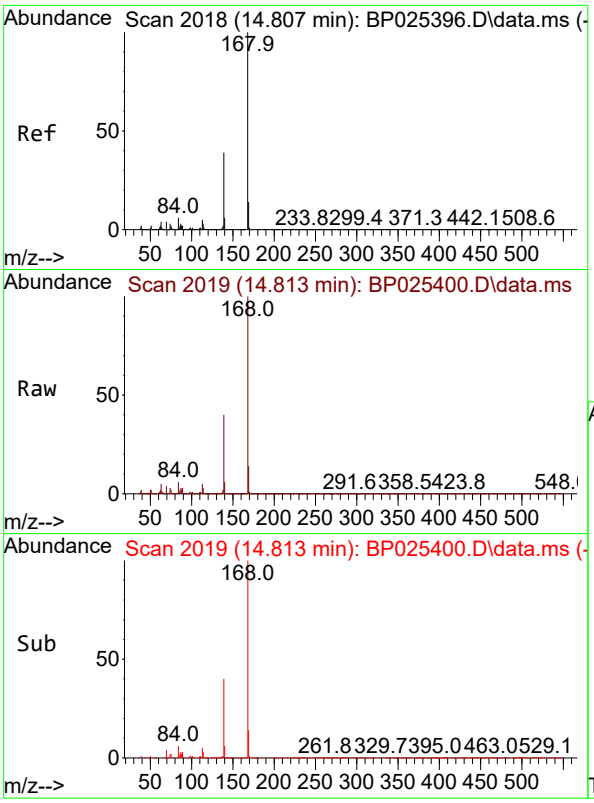


#54
2,4-Dinitrophenol
Concen: 41.646 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:184 Resp: 172743

Ion	Ratio	Lower	Upper
184	100		
63	61.3	49.4	74.2
154	68.1	54.6	82.0

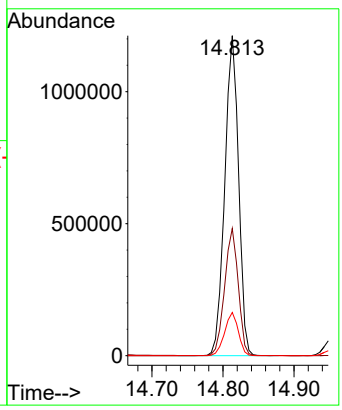




#55
Dibenzofuran
Concen: 37.324 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:168 Resp: 163074

Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.5	47.3
169	13.5	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
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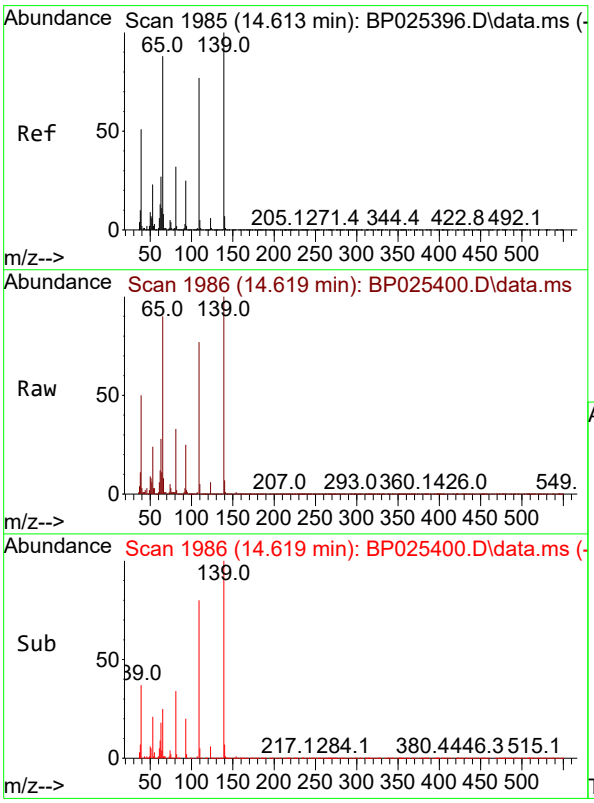
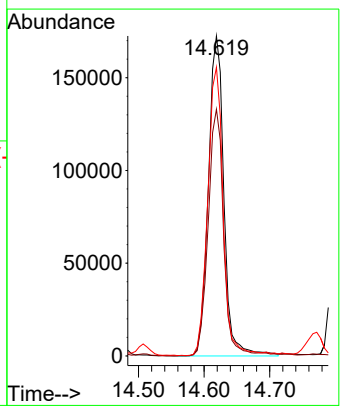
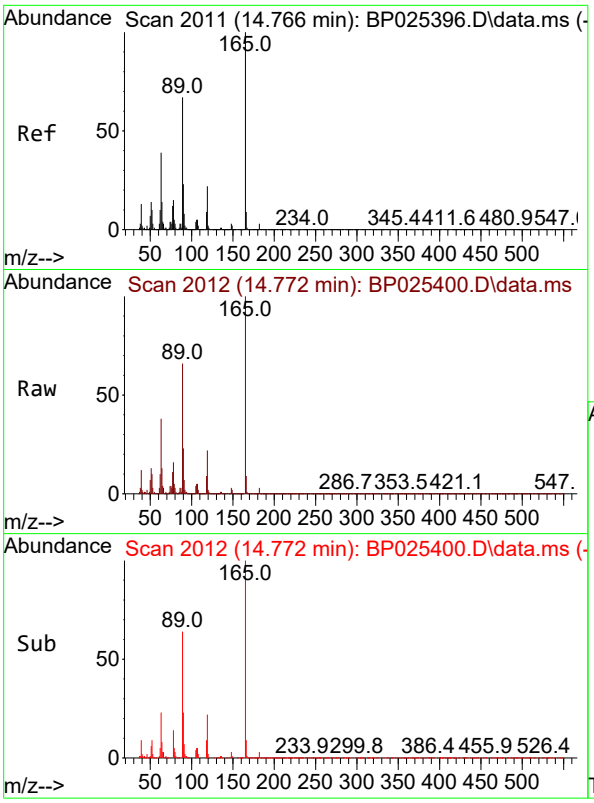


#56
4-Nitrophenol
Concen: 39.630 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:139 Resp: 284585

Ion	Ratio	Lower	Upper
139	100		
109	77.1	56.6	96.6
65	90.2	68.2	108.2

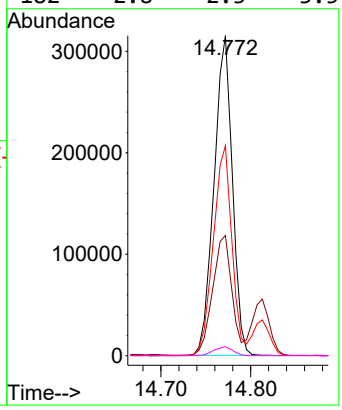




#57
2,4-Dinitrotoluene
Concen: 40.439 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:165 Resp: 44814

Ion	Ratio	Lower	Upper
165	100		
63	37.5	31.4	47.2
89	65.6	53.3	79.9
182	2.8	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
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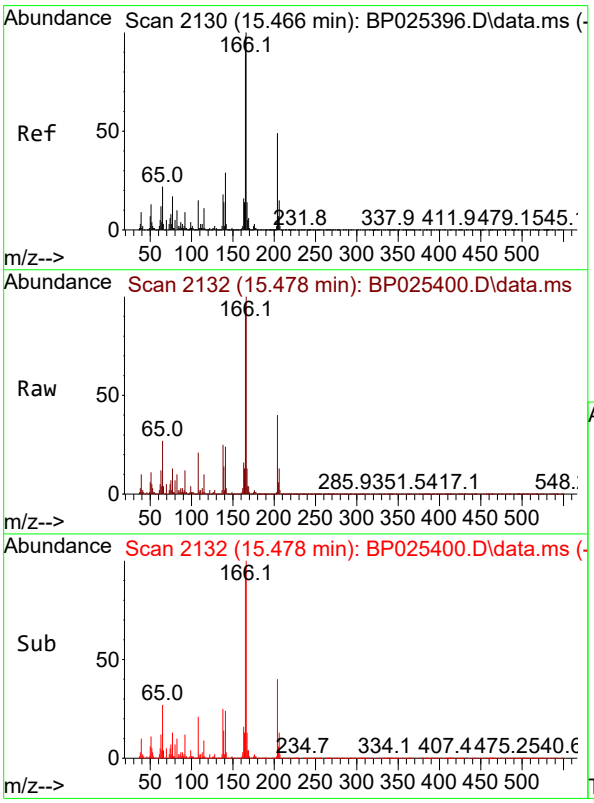
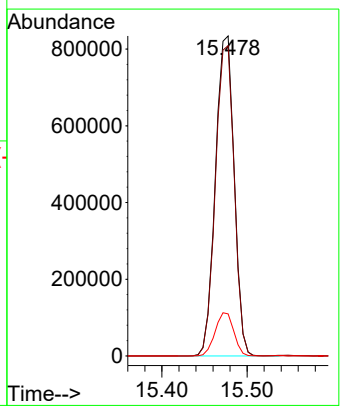
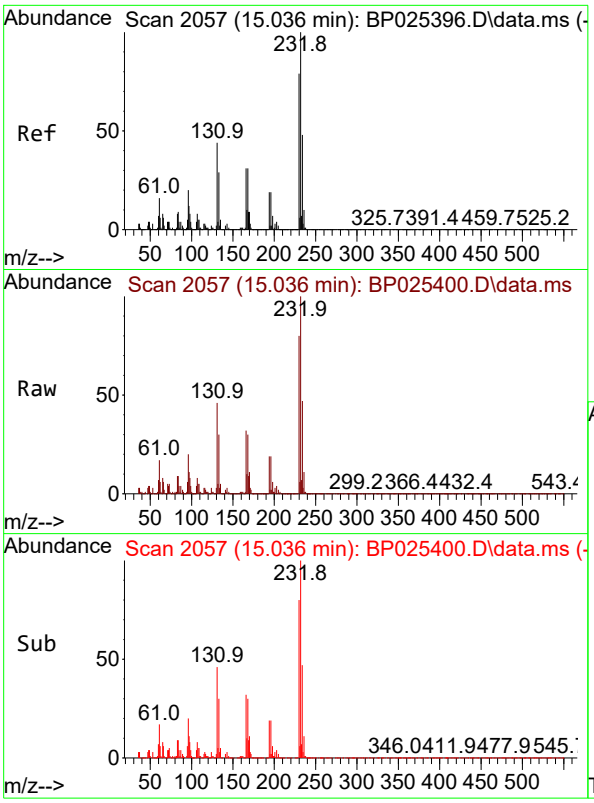


#58
Fluorene
Concen: 36.992 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:166 Resp: 1275341

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.8	118.2
167	13.2	11.0	16.4

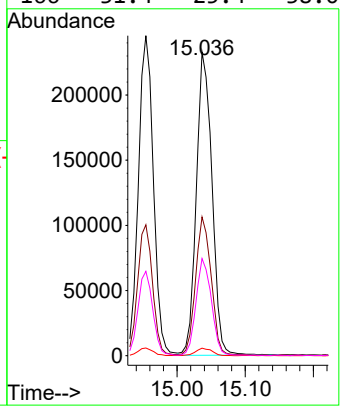




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.147 ng
RT: 15.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:232 Resp: 37171

Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.0	55.6
130	2.6	1.9	2.9
166	31.4	25.4	38.0



Instrument :
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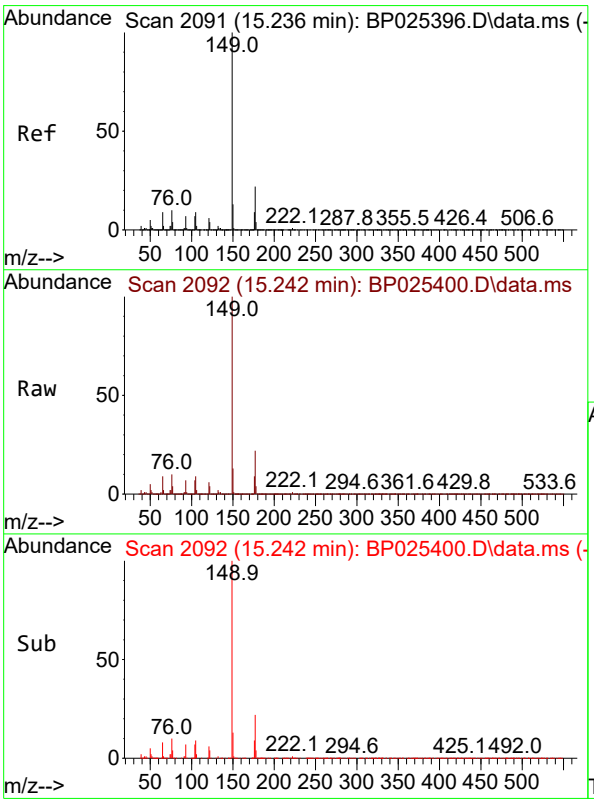
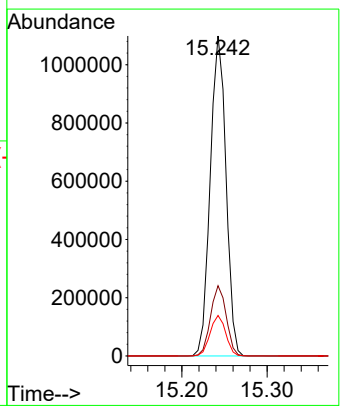
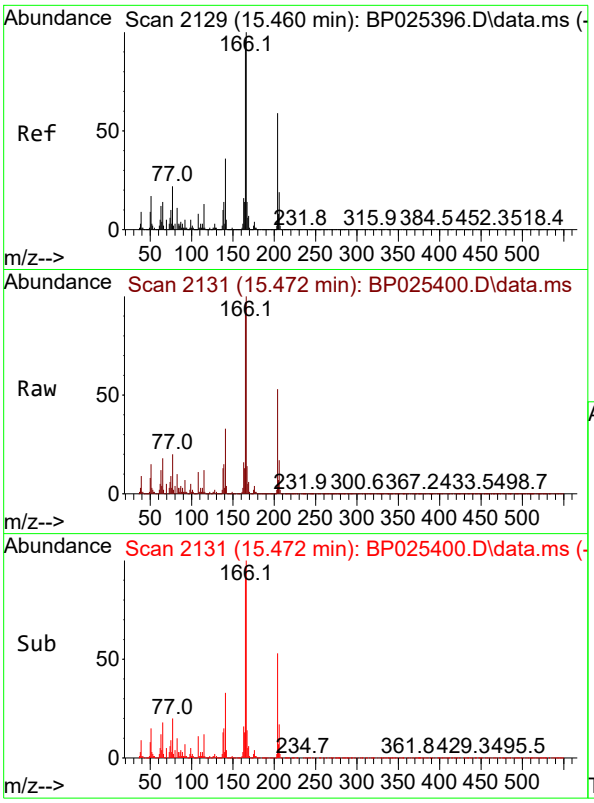


#60
Diethylphthalate
Concen: 37.810 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 1415787

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.7	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 36.596 ng
RT: 15.472 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:204 Resp: 62747

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	62.9	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
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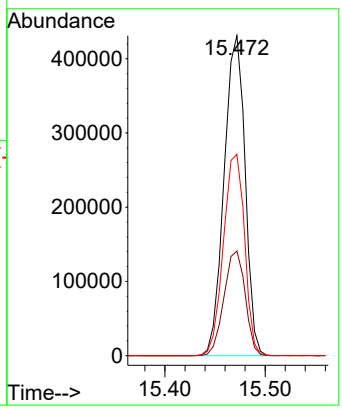
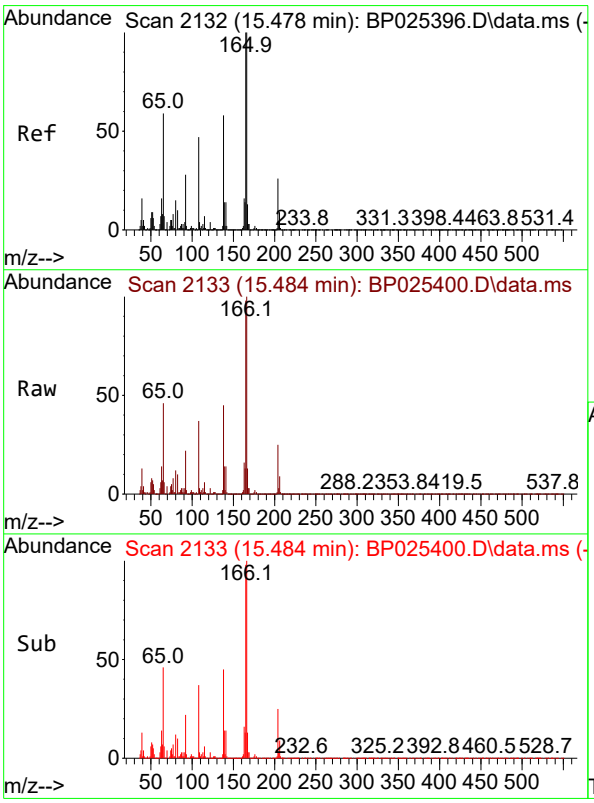
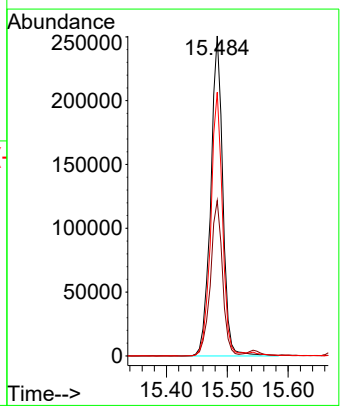


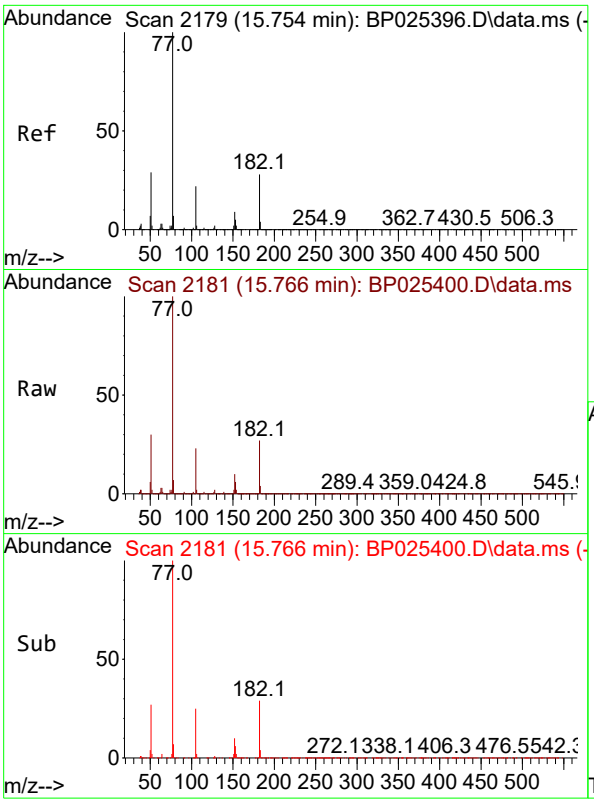


#62
4-Nitroaniline
Concen: 38.717 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:138 Resp: 346865

Ion	Ratio	Lower	Upper
138	100		
92	48.5	29.1	69.1
108	82.4	61.5	101.5

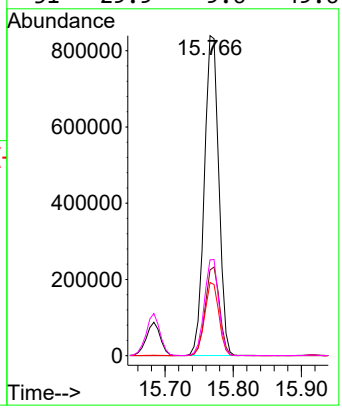




#63
Azobenzene
Concen: 38.526 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 123524

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.5	47.5
105	22.8	2.1	42.1
51	29.9	9.6	49.6



Instrument :
BNA_P
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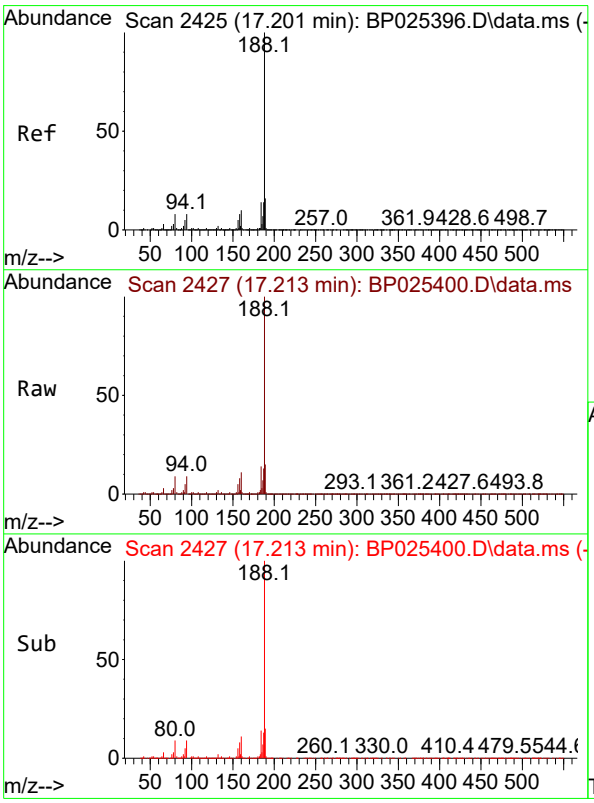
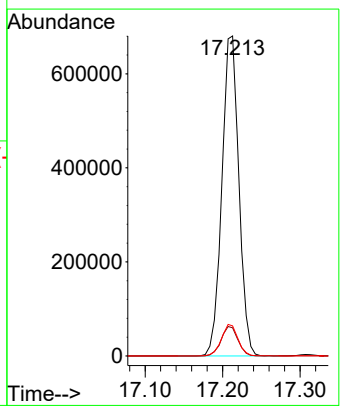
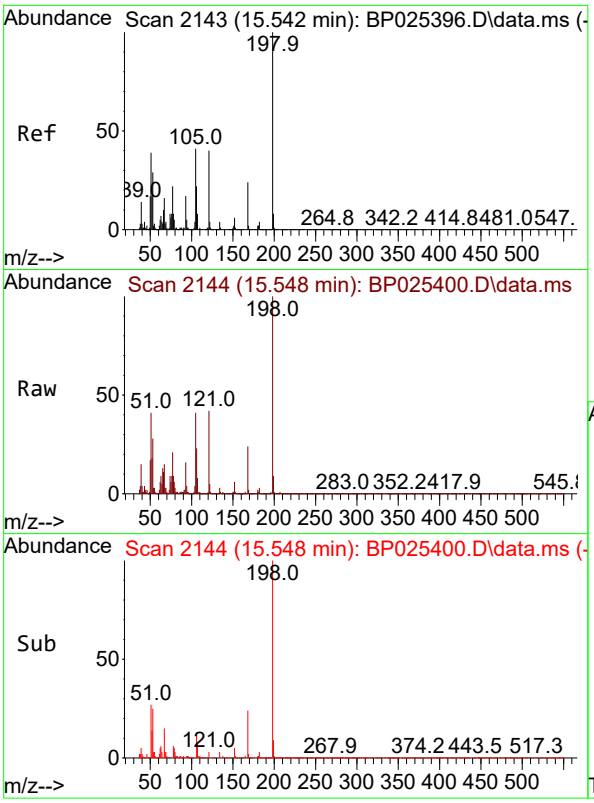


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:188 Resp: 1034378

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.4	6.7	10.1

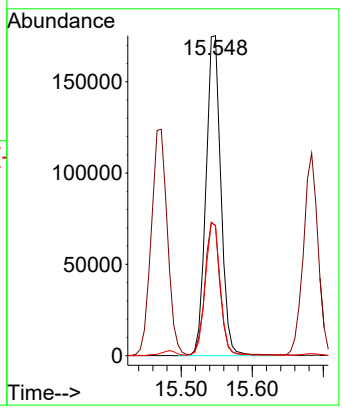




#65
4,6-Dinitro-2-methylphenol
Concen: 39.721 ng
RT: 15.548 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:198 Resp: 25611

Ion	Ratio	Lower	Upper
198	100		
51	40.6	19.6	59.6
105	40.7	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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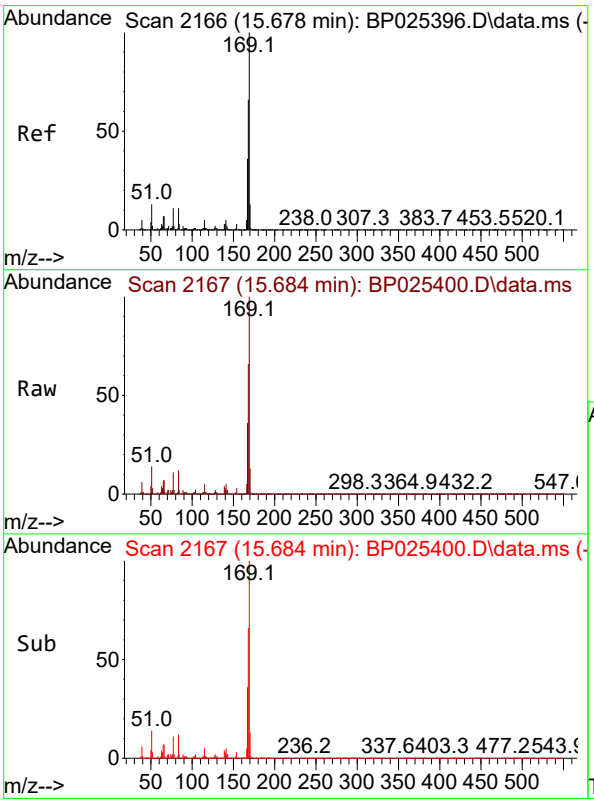
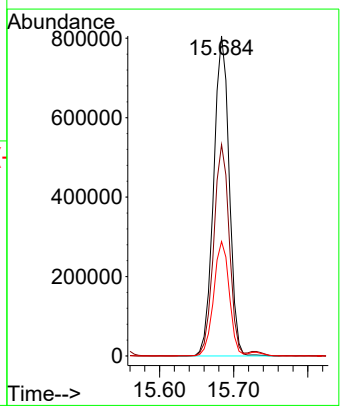
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

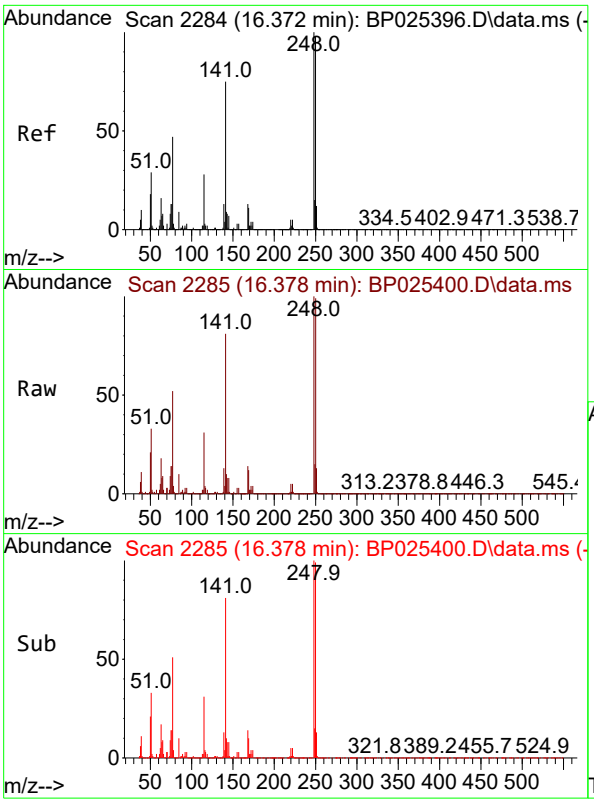


#66
n-Nitrosodiphenylamine
Concen: 37.227 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:169 Resp: 1174244

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.2	79.8
167	35.7	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 37.101 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Tgt Ion:248 Resp: 42207

Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.2	117.2
141	81.1	59.6	89.4

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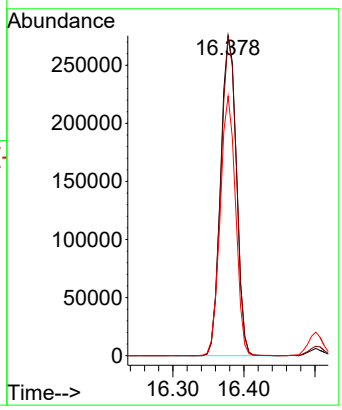
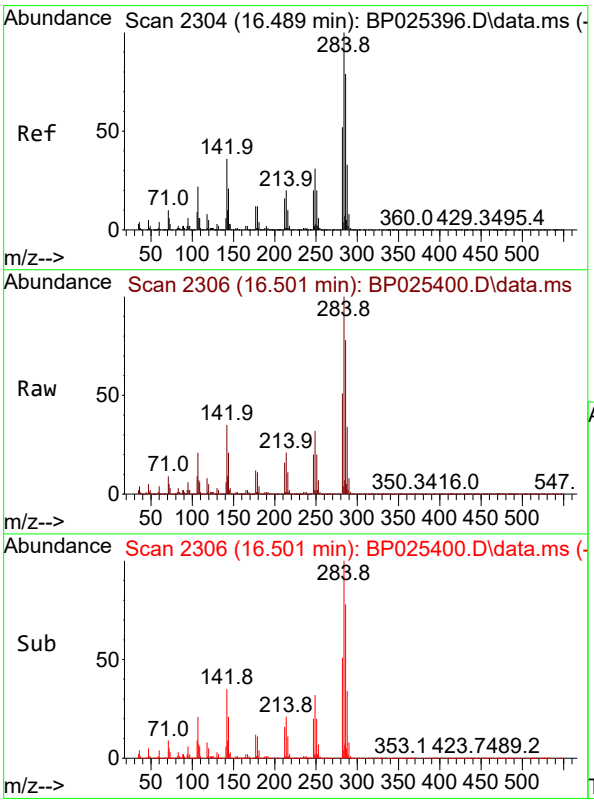
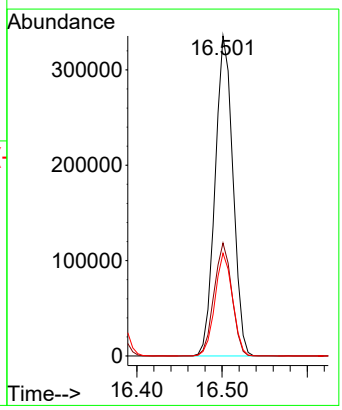


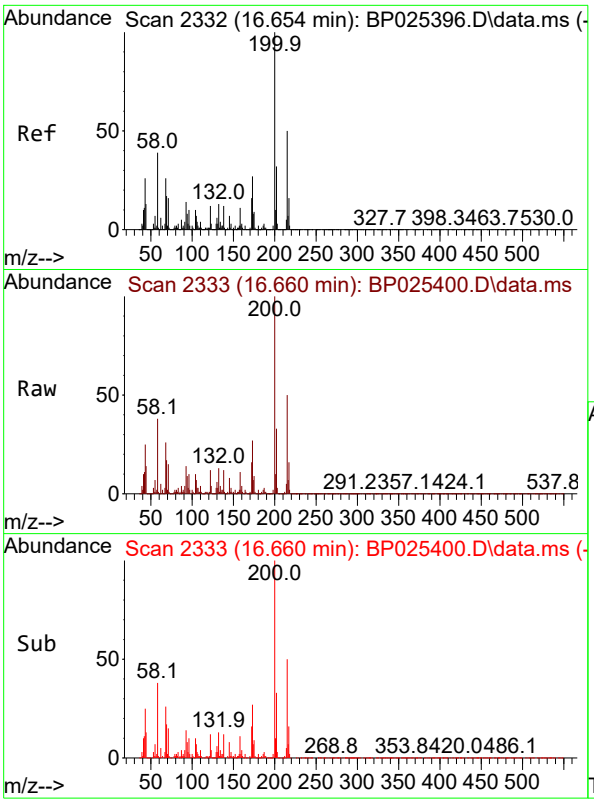


#68
Hexachlorobenzene
Concen: 37.062 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:284 Resp: 488749

Ion	Ratio	Lower	Upper
284	100		
142	35.3	29.1	43.7
249	32.1	25.0	37.4

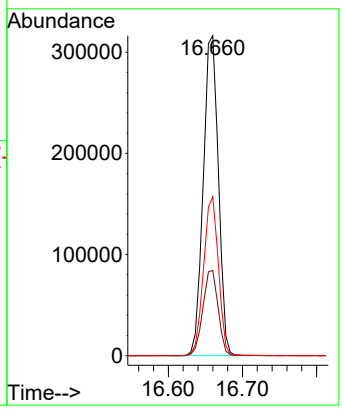




#69
Atrazine
Concen: 38.057 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:200 Resp: 44955

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	49.7	29.7	69.7



Instrument :
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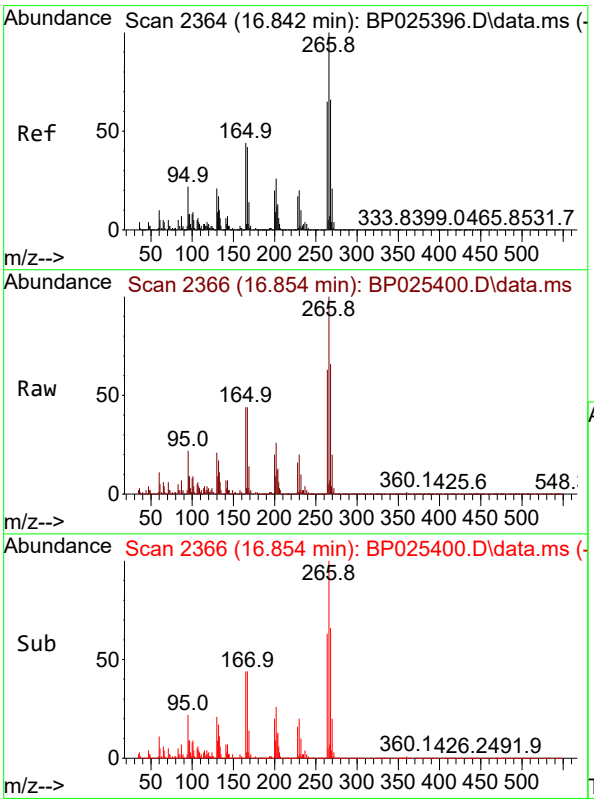
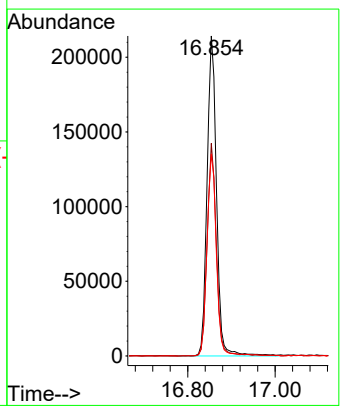
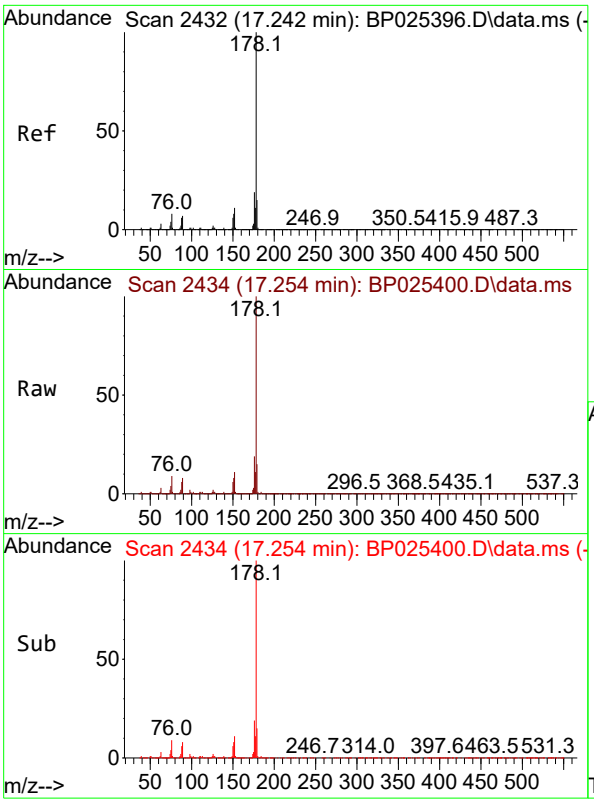


#70
Pentachlorophenol
Concen: 38.733 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:266 Resp: 322435

Ion	Ratio	Lower	Upper
266	100		
268	66.4	52.6	79.0
264	63.2	52.0	78.0

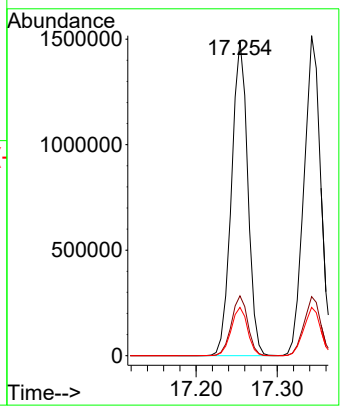




#71
Phenanthrene
Concen: 36.445 ng
RT: 17.254 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:178 Resp: 207087

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.3	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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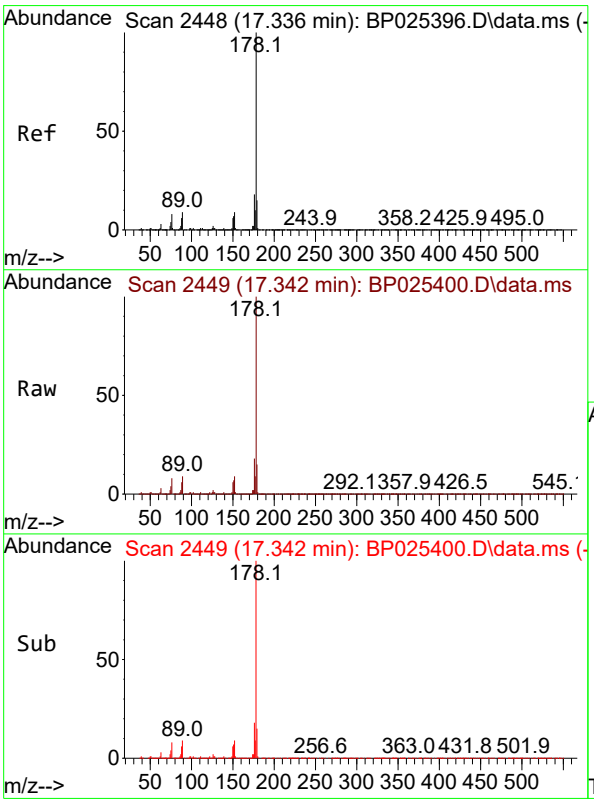
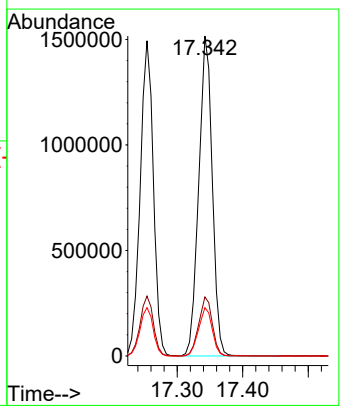
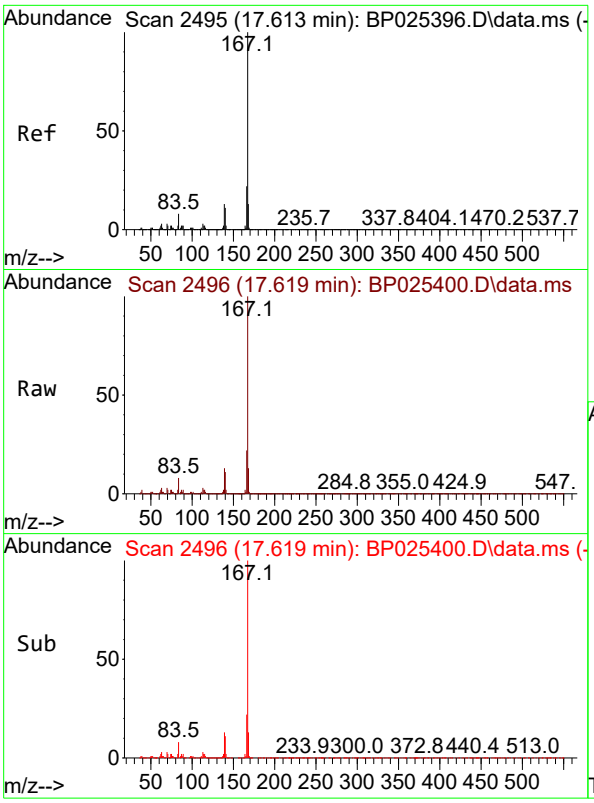


#72
Anthracene
Concen: 37.563 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:178 Resp: 2179669

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.1	12.2	18.2

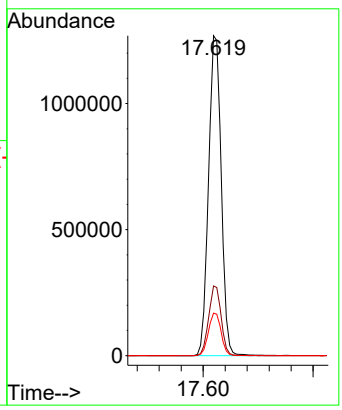




#73
Carbazole
Concen: 37.116 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:167 Resp: 202859

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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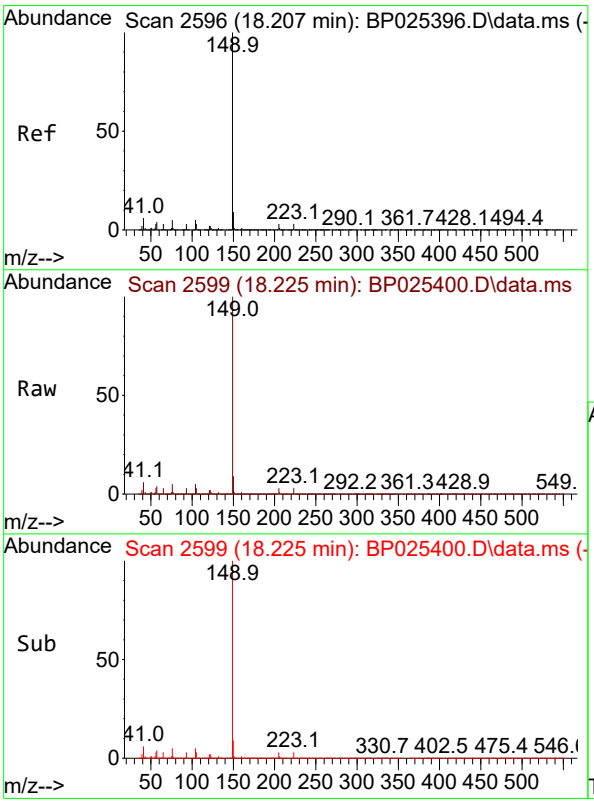
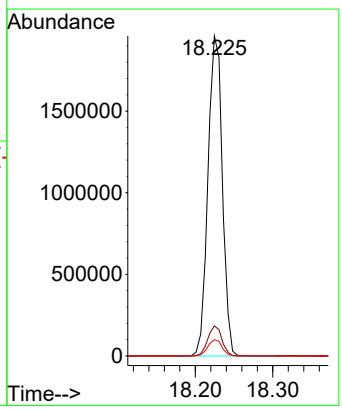
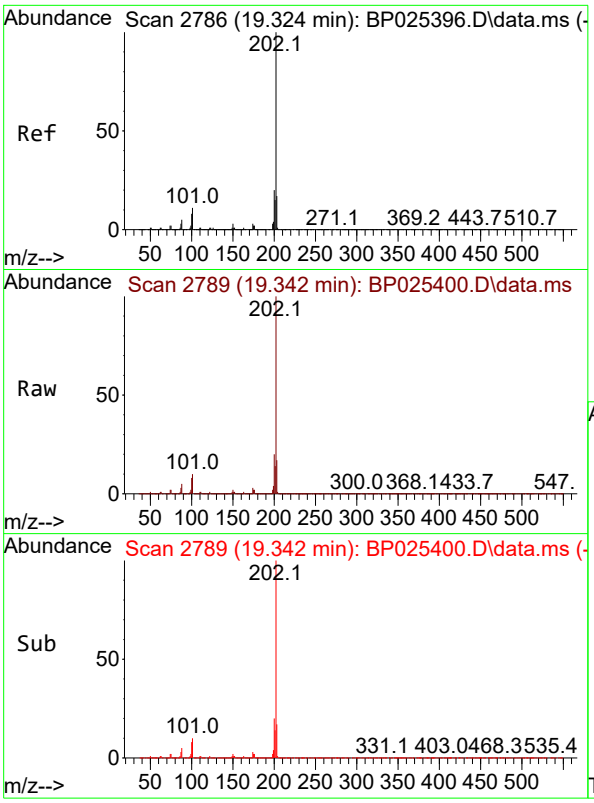


#74
Di-n-butylphthalate
Concen: 37.602 ng
RT: 18.225 min Scan# 2599
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 2528547

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.1	4.2	6.2

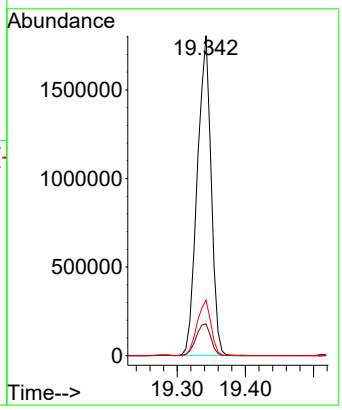




#75
Fluoranthene
Concen: 37.481 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:202 Resp: 254041

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.1
203	17.4	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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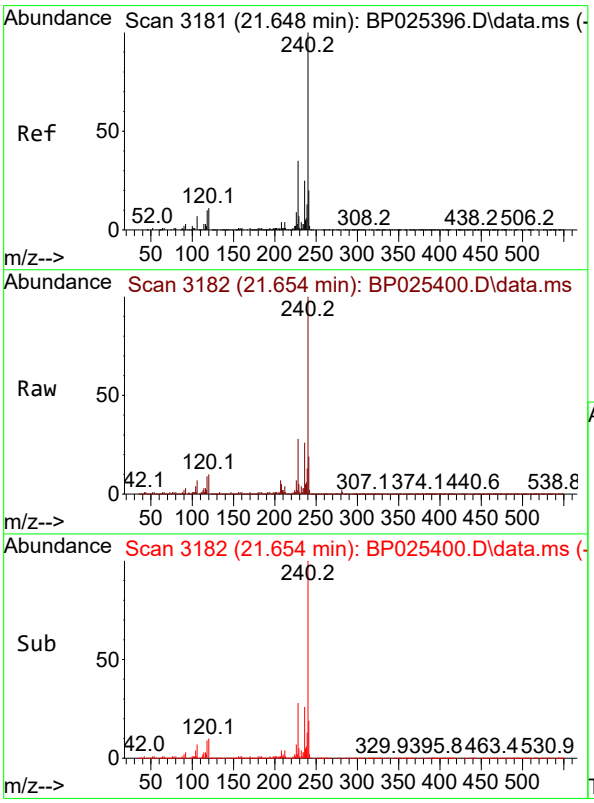
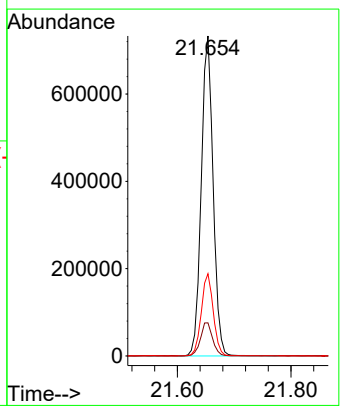
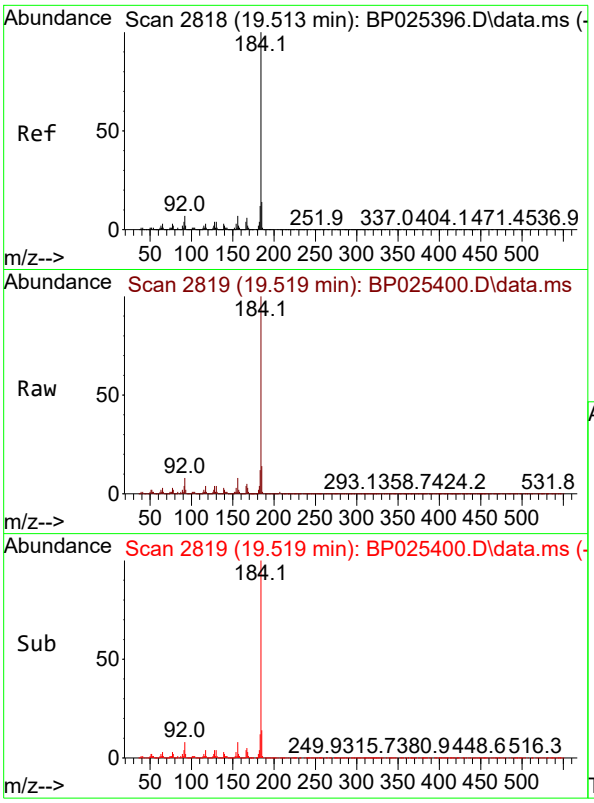


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:240 Resp: 1060337

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	25.7	19.8	29.8

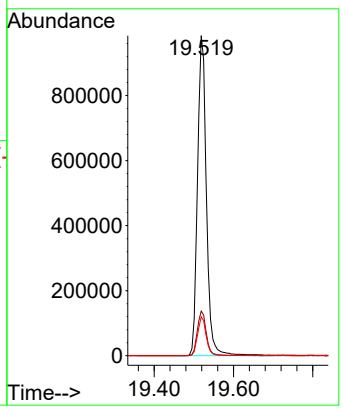




#77
Benzidine
Concen: 42.271 ng
RT: 19.519 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:184 Resp: 152965

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	12.1	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
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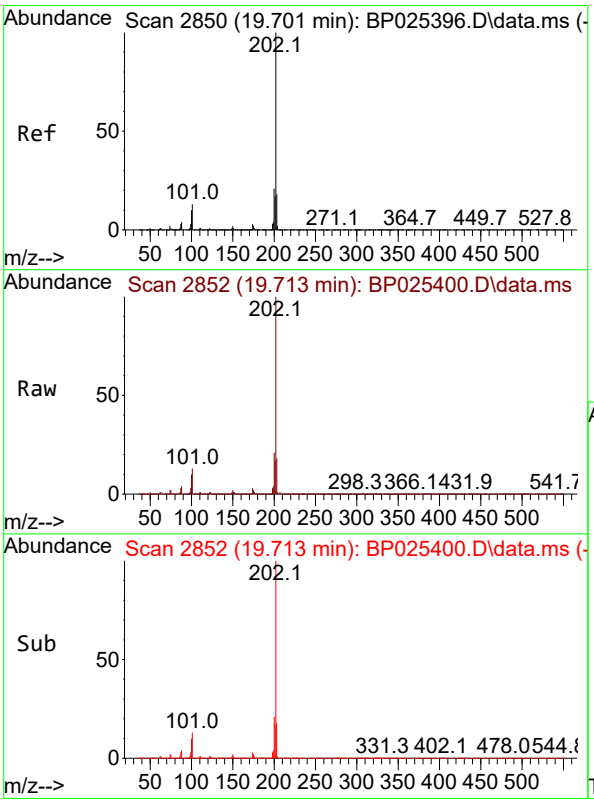
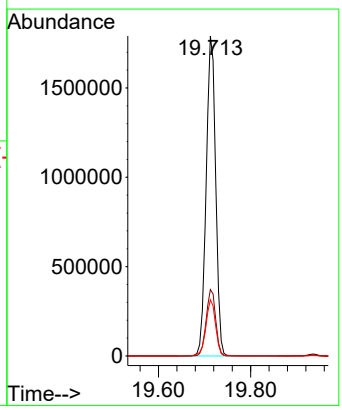
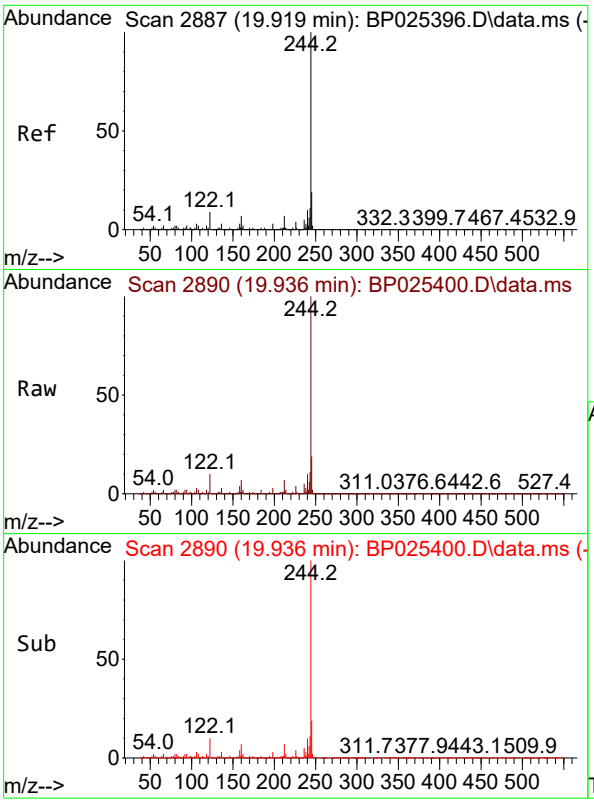


#78
Pyrene
Concen: 37.404 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:202 Resp: 2577810

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.5	14.2	21.2

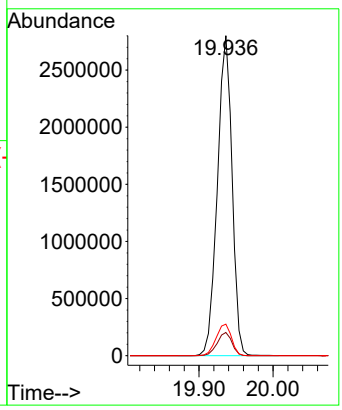




#79
Terphenyl-d14
Concen: 66.399 ng
RT: 19.936 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:244 Resp: 384816

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
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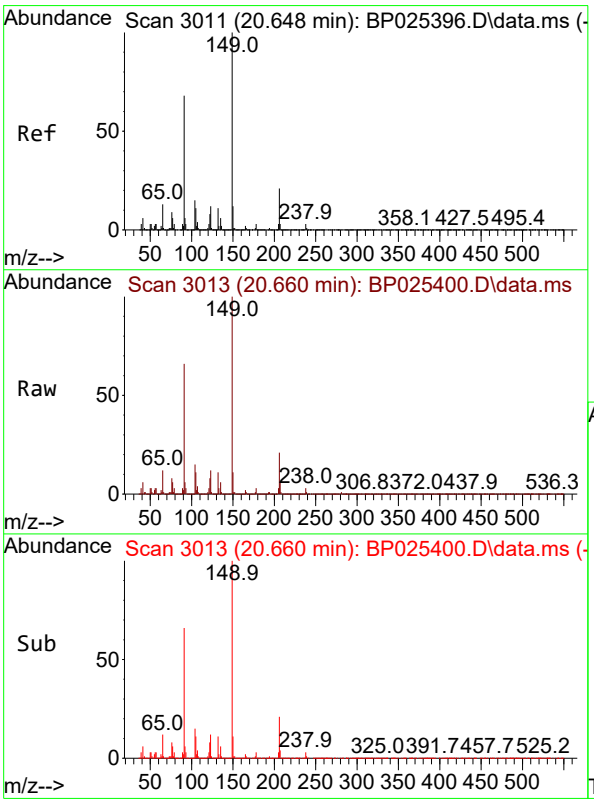
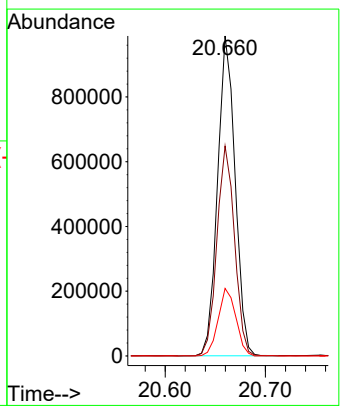
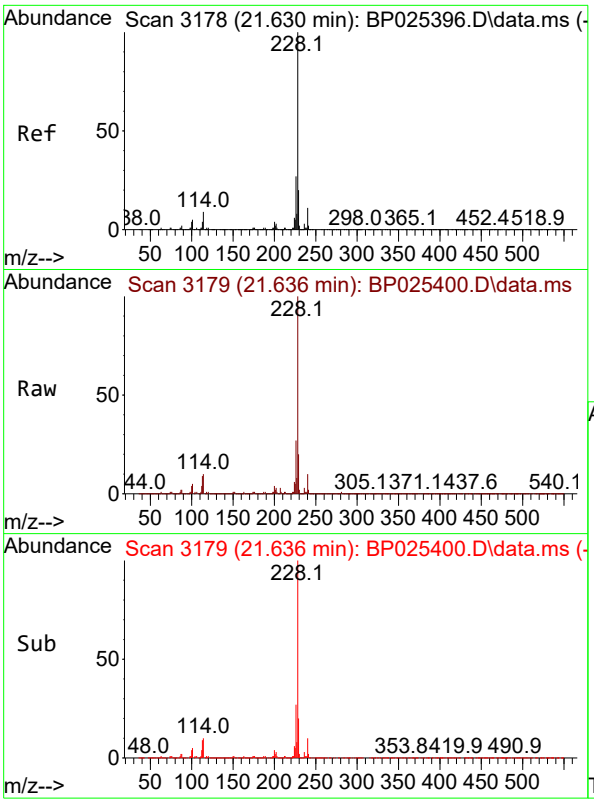


#80
Butylbenzylphthalate
Concen: 38.401 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 1199445

Ion	Ratio	Lower	Upper
149	100		
91	65.6	54.2	81.2
206	21.1	16.6	24.8

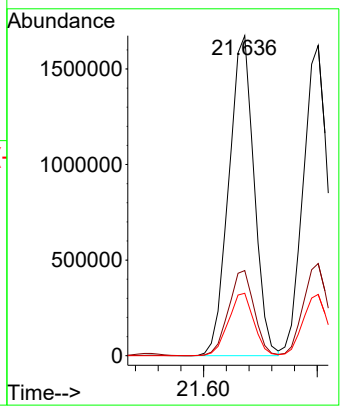




#81
Benzo(a)anthracene
Concen: 36.950 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:228 Resp: 258386

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.5	15.6	23.4



Instrument :
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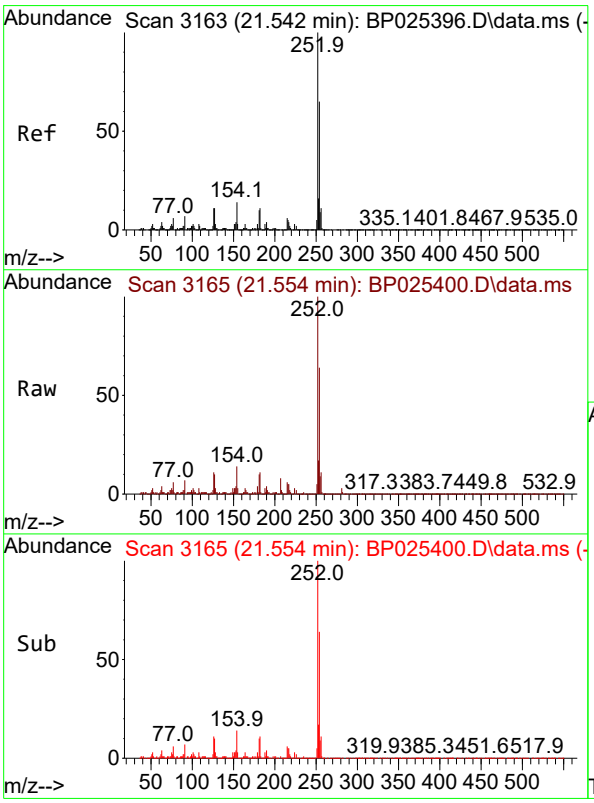
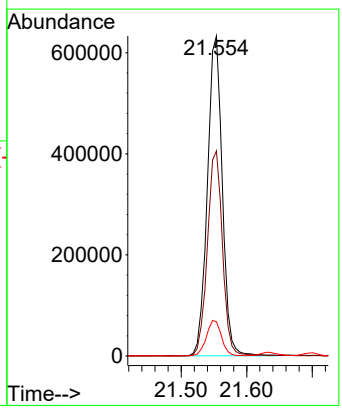
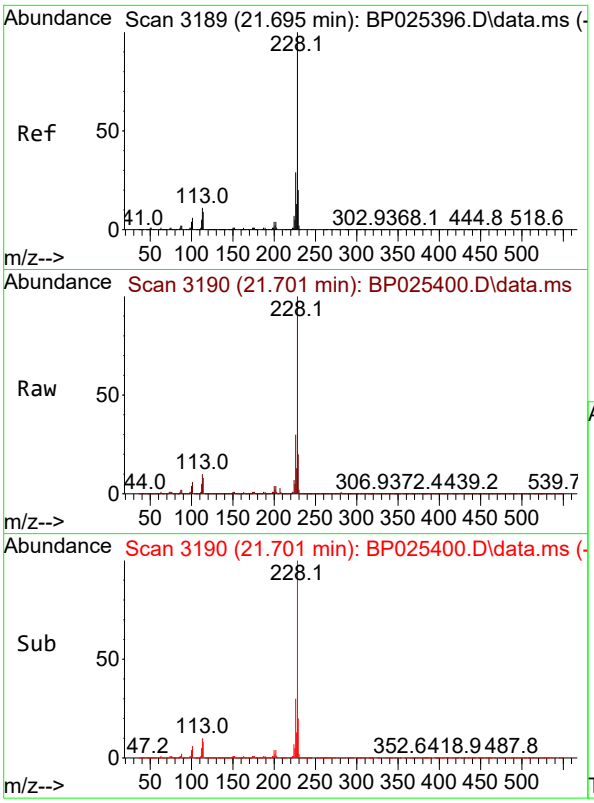


#82
3,3'-Dichlorobenzidine
Concen: 38.038 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 1002597

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.6
126	10.7	9.1	13.7





#83
Chrysene
Concen: 37.353 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:228 Resp: 244619

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.7	15.6	23.4

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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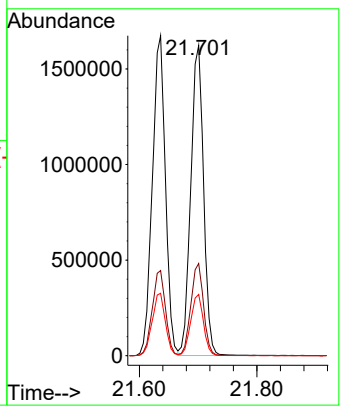
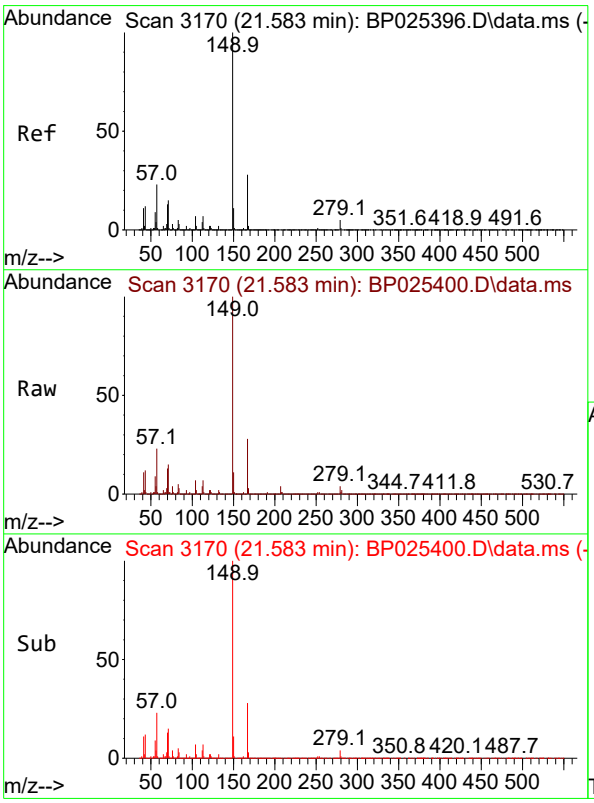
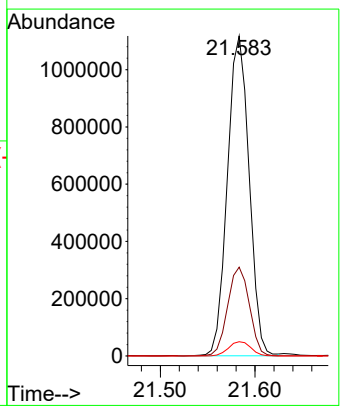


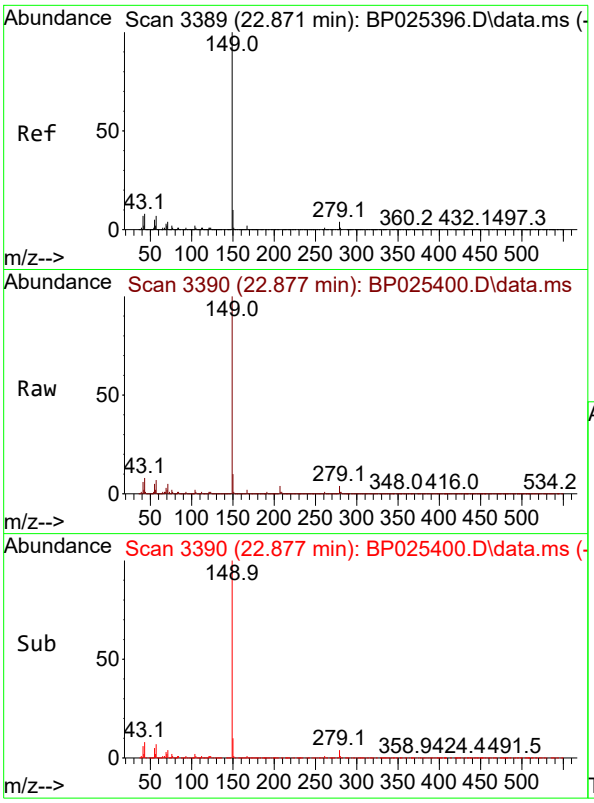


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.729 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 1780746

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.5	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 37.915 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

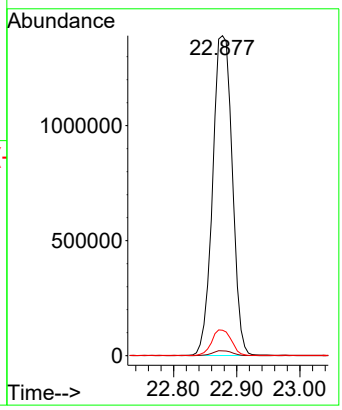
Tgt Ion:149 Resp: 299852

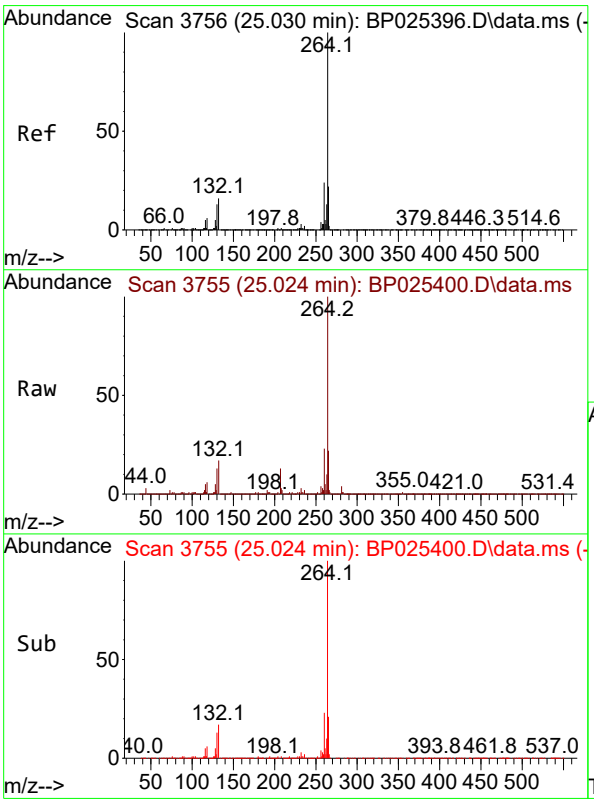
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.3	9.5

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

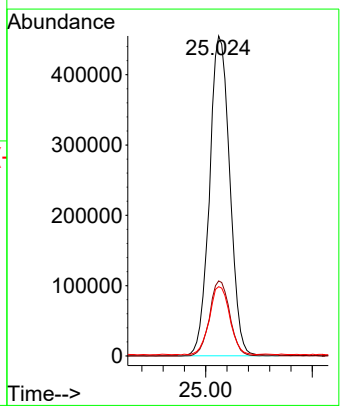


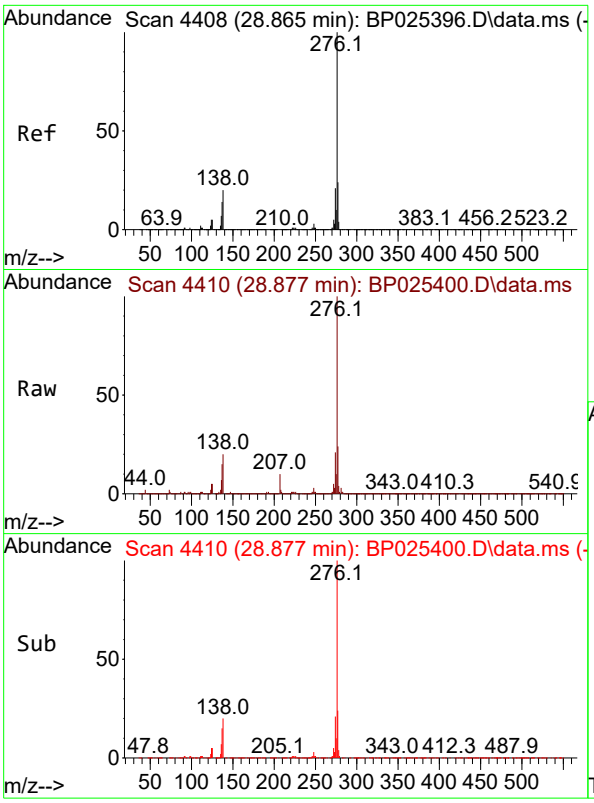


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:264 Resp: 1200519

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.6	17.4	26.0

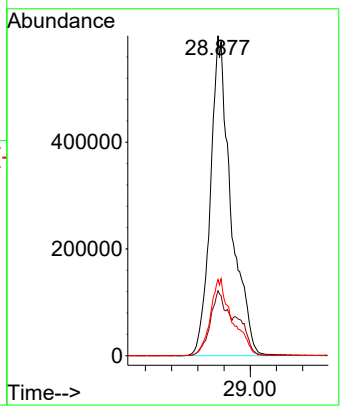




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.119 ng
RT: 28.877 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:276 Resp: 326796

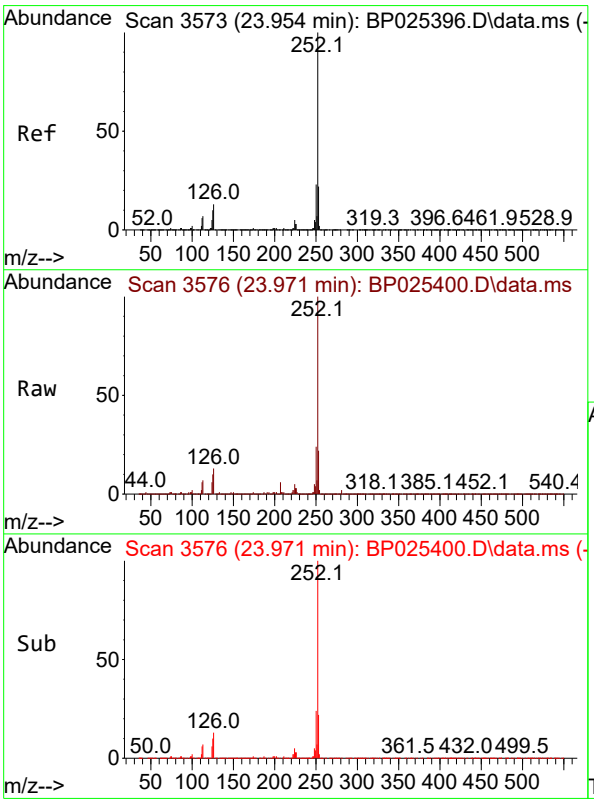
Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.9	19.3
277	25.5	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

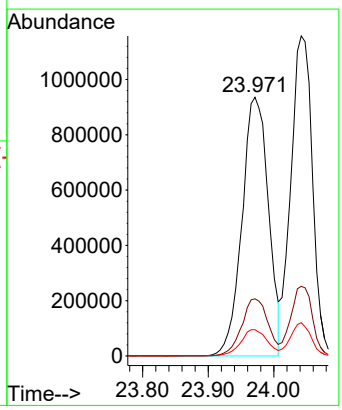
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

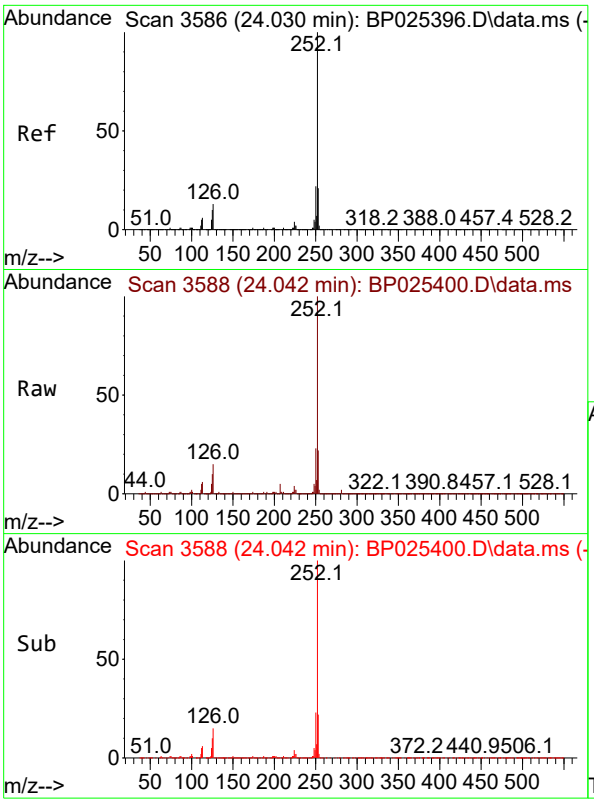


#88
Benzo(b)fluoranthene
Concen: 36.964 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 2616701

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	7.9	11.9

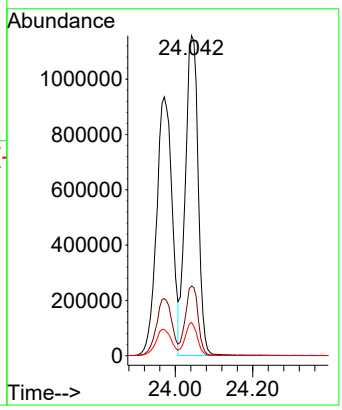




#89
Benzo(k)fluoranthene
Concen: 37.464 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 265390

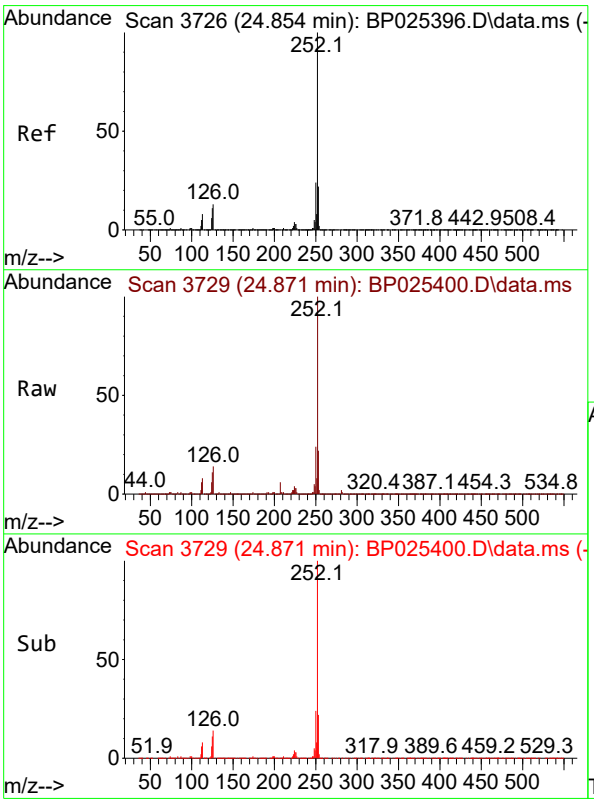
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.4	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

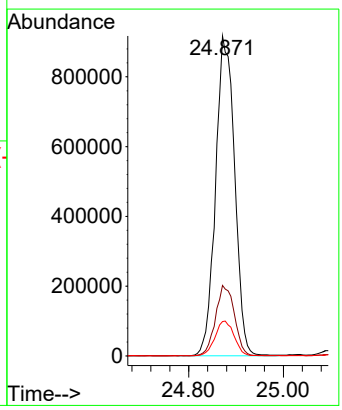
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

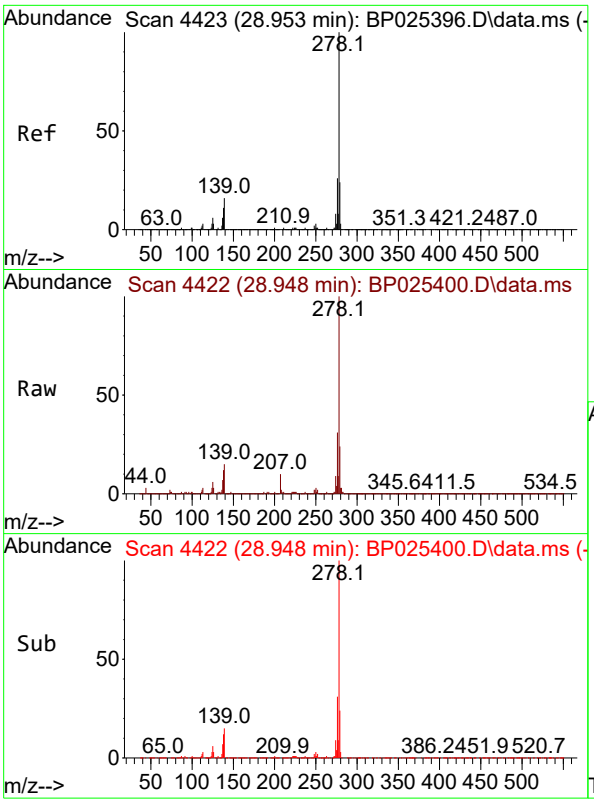


#90
Benzo(a)pyrene
Concen: 37.160 ng
RT: 24.871 min Scan# 3729
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 2560692

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.7	8.7	13.1

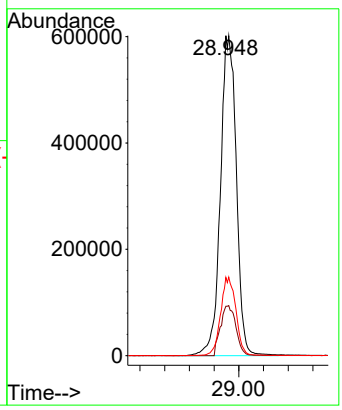




#91
Dibenzo(a,h)anthracene
Concen: 37.490 ng
RT: 28.948 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:278 Resp: 269733

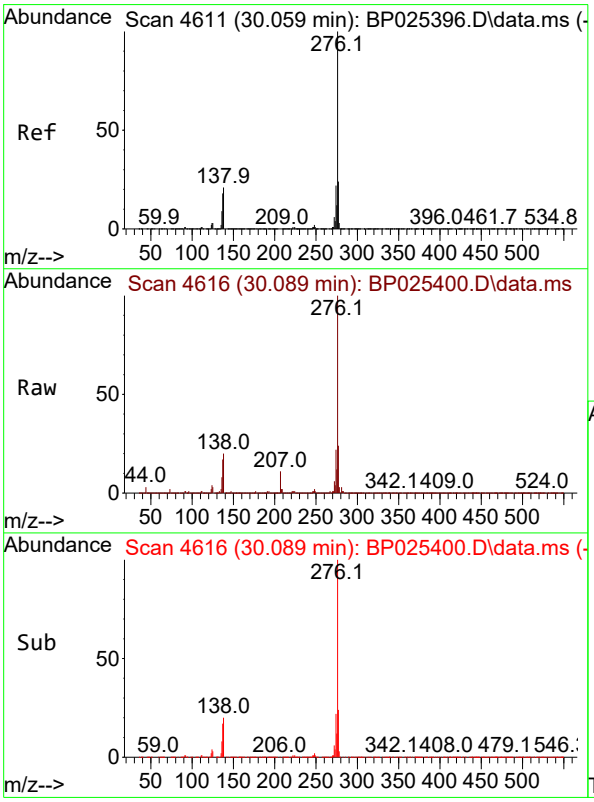
Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.0	19.4
279	24.4	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

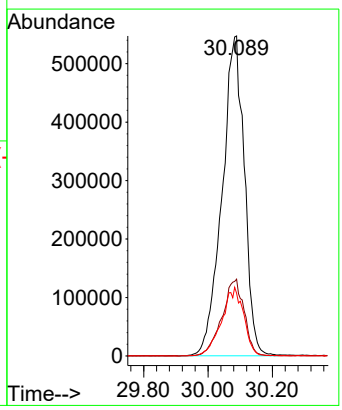
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 37.216 ng
RT: 30.089 min Scan# 4616
Delta R.T. 0.029 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:276 Resp: 2632085

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	19.6	16.7	25.1



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	0.00
2		1,4-Dioxane	0.472	0.399	15.5	99	0.00
3		Pyridine	1.291	1.159	10.2	105	0.00
4		n-Nitrosodimethylamine	0.532	0.507	4.7	109	0.00
5	S	2-Fluorophenol	1.204	1.045	13.2	99	0.00
6		Aniline	2.080	1.984	4.6	108	0.00
7	S	Phenol-d6	1.544	1.383	10.4	101	0.00
8		2-Chlorophenol	1.359	1.308	3.8	110	0.00
9		Benzaldehyde	1.082	0.923	14.7	75	0.00
10	C	Phenol	1.620	1.555	4.0	109	0.00
11		bis(2-Chloroethyl)ether	1.263	1.211	4.1	109	0.00
12		1,3-Dichlorobenzene	1.499	1.414	5.7	108	0.00
13	C	1,4-Dichlorobenzene	1.532	1.451	5.3	109	0.00
14		1,2-Dichlorobenzene	1.483	1.402	5.5	108	0.00
15		Benzyl Alcohol	1.227	1.197	2.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.692	1.619	4.3	110	0.00
17		2-Methylphenol	1.125	1.094	2.8	109	0.00
18		Hexachloroethane	0.563	0.536	4.8	109	0.00
19	P	n-Nitroso-di-n-propylamine	1.023	0.979	4.3	109	0.00
20		3+4-Methylphenols	1.560	1.506	3.5	109	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
22		Acetophenone	0.502	0.479	4.6	112	0.00
23	S	Nitrobenzene-d5	0.395	0.328	17.0	97	0.00
24		Nitrobenzene	0.353	0.330	6.5	108	0.00
25		Isophorone	0.700	0.662	5.4	111	0.00
26	C	2-Nitrophenol	0.181	0.176	2.8	110	0.00
27		2,4-Dimethylphenol	0.312	0.303	2.9	111	0.00
28		bis(2-Chloroethoxy)methane	0.423	0.400	5.4	111	0.00
29	C	2,4-Dichlorophenol	0.310	0.299	3.5	111	0.00
30		1,2,4-Trichlorobenzene	0.340	0.316	7.1	109	0.00
31		Naphthalene	1.040	0.973	6.4	110	0.00
32		Benzoic acid	0.230	0.220	4.3	110	0.01
33		4-Chloroaniline	0.459	0.437	4.8	109	0.00
34	C	Hexachlorobutadiene	0.211	0.196	7.1	108	0.00
35		Caprolactam	0.114	0.109	4.4	112	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.345	2.8	113	0.00
37		2-Methylnaphthalene	0.676	0.640	5.3	111	0.00
38		1-Methylnaphthalene	0.719	0.675	6.1	111	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.547	5.4	111	0.00
41	P	Hexachlorocyclopentadiene	0.349	0.350	-0.3	115	0.00
42	S	2,4,6-Tribromophenol	0.269	0.241	10.4	105	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.380	2.6	113	0.00
44		2,4,5-Trichlorophenol	0.427	0.418	2.1	112	0.00
45	S	2-Fluorobiphenyl	1.463	1.208	17.4	99	0.00
46		1,1'-Biphenyl	1.453	1.368	5.8	111	0.00
47		2-Chloronaphthalene	1.131	1.065	5.8	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	0.329	0.322	2.1	111	0.00
49		Acenaphthylene	1.871	1.764	5.7	111	0.00
50		Dimethylphthalate	1.465	1.398	4.6	114	0.00
51		2,6-Dinitrotoluene	0.309	0.303	1.9	112	0.00
52	C	Acenaphthene	1.098	1.011	7.9	111	0.00
53		3-Nitroaniline	0.347	0.348	-0.3	116	0.00
54	P	2,4-Dinitrophenol	0.165	0.172	-4.2	120	0.00
55		Dibenzofuran	1.736	1.620	6.7	110	0.00
56	P	4-Nitrophenol	0.285	0.283	0.7	115	0.00
57		2,4-Dinitrotoluene	0.440	0.445	-1.1	116	0.00
58		Fluorene	1.370	1.267	7.5	111	0.01
59		2,3,4,6-Tetrachlorophenol	0.377	0.369	2.1	115	0.00
60		Diethylphthalate	1.488	1.407	5.4	112	0.00
61		4-Chlorophenyl-phenylether	0.681	0.623	8.5	109	0.01
62		4-Nitroaniline	0.356	0.345	3.1	112	0.00
63		Azobenzene	1.274	1.227	3.7	113	0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	117	0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.124	0.8	118	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.568	6.9	112	0.00
67		4-Bromophenyl-phenylether	0.220	0.204	7.3	112	0.00
68		Hexachlorobenzene	0.255	0.236	7.5	114	0.01
69		Atrazine	0.228	0.217	4.8	116	0.00
70	C	Pentachlorophenol	0.161	0.156	3.1	116	0.01
71		Phenanthrene	1.099	1.001	8.9	113	0.01
72		Anthracene	1.122	1.054	6.1	114	0.00
73		Carbazole	1.057	0.981	7.2	114	0.00
74		Di-n-butylphthalate	1.300	1.222	6.0	115	0.02
75	C	Fluoranthene	1.311	1.228	6.3	117	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	118	0.00
77		Benzidine	0.683	0.721	-5.6	88	0.00
78		Pyrene	1.300	1.216	6.5	113	0.01
79	S	Terphenyl-d14	1.093	0.907	17.0	102	0.02
80		Butylbenzylphthalate	0.589	0.566	3.9	115	0.01
81		Benzo(a)anthracene	1.319	1.218	7.7	113	0.00
82		3,3'-Dichlorobenzidine	0.497	0.473	4.8	114	0.01
83		Chrysene	1.235	1.153	6.6	115	0.00
84		Bis(2-ethylhexyl)phthalate	0.867	0.840	3.1	119	0.00
85	c	Di-n-octyl phthalate	1.492	1.414	5.2	115	0.00
86	I	Perylene-d12	1.000	1.000	0.0	117	0.00
87		Indeno(1,2,3-cd)pyrene	1.467	1.361	7.2	113	0.01
88		Benzo(b)fluoranthene	1.179	1.090	7.5	113	0.02
89		Benzo(k)fluoranthene	1.180	1.105	6.4	115	0.01
90	C	Benzo(a)pyrene	1.148	1.066	7.1	113	0.02
91		Dibenzo(a,h)anthracene	1.199	1.123	6.3	114	0.00
92		Benzo(g,h,i)perylene	1.178	1.096	7.0	113	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
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Instrument :
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Quant Time: Aug 14 18:24:25 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	0.00
2		1,4-Dioxane	40.000	33.792	15.5	99	0.00
3		Pyridine	40.000	35.901	10.2	105	0.00
4		n-Nitrosodimethylamine	40.000	38.115	4.7	109	0.00
5	S	2-Fluorophenol	80.000	69.430	13.2	99	0.00
6		Aniline	40.000	38.147	4.6	108	0.00
7	S	Phenol-d6	80.000	71.663	10.4	101	0.00
8		2-Chlorophenol	40.000	38.501	3.7	110	0.00
9		Benzaldehyde	40.000	34.142	14.6	75	0.00
10	C	Phenol	40.000	38.388	4.0	109	0.00
11		bis(2-Chloroethyl)ether	40.000	38.348	4.1	109	0.00
12		1,3-Dichlorobenzene	40.000	37.738	5.7	108	0.00
13	C	1,4-Dichlorobenzene	40.000	37.890	5.3	109	0.00
14		1,2-Dichlorobenzene	40.000	37.818	5.5	108	0.00
15		Benzyl Alcohol	40.000	39.025	2.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.271	4.3	110	0.00
17		2-Methylphenol	40.000	38.877	2.8	109	0.00
18		Hexachloroethane	40.000	38.103	4.7	109	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.270	4.3	109	0.00
20		3+4-Methylphenols	40.000	38.620	3.5	109	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	113	0.00
22		Acetophenone	40.000	38.216	4.5	112	0.00
23	S	Nitrobenzene-d5	80.000	66.391	17.0	97	0.00
24		Nitrobenzene	40.000	37.313	6.7	108	0.00
25		Isophorone	40.000	37.855	5.4	111	0.00
26	C	2-Nitrophenol	40.000	38.722	3.2	110	0.00
27		2,4-Dimethylphenol	40.000	38.910	2.7	111	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.816	5.5	111	0.00
29	C	2,4-Dichlorophenol	40.000	38.649	3.4	111	0.00
30		1,2,4-Trichlorobenzene	40.000	37.231	6.9	109	0.00
31		Naphthalene	40.000	37.431	6.4	110	0.00
32		Benzoic acid	40.000	38.242	4.4	110	0.01
33		4-Chloroaniline	40.000	38.043	4.9	109	0.00
34	C	Hexachlorobutadiene	40.000	37.031	7.4	108	0.00
35		Caprolactam	40.000	38.310	4.2	112	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.789	3.0	113	0.00
37		2-Methylnaphthalene	40.000	37.845	5.4	111	0.00
38		1-Methylnaphthalene	40.000	37.539	6.2	111	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.895	5.3	111	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.074	-0.2	115	0.00
42	S	2,4,6-Tribromophenol	80.000	71.582	10.5	105	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.972	2.6	113	0.00
44		2,4,5-Trichlorophenol	40.000	39.108	2.2	112	0.00
45	S	2-Fluorobiphenyl	80.000	66.016	17.5	99	0.00
46		1,1'-Biphenyl	40.000	37.672	5.8	111	0.00
47		2-Chloronaphthalene	40.000	37.682	5.8	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.081	2.3	111	0.00
49		Acenaphthylene	40.000	37.720	5.7	111	0.00
50		Dimethylphthalate	40.000	38.170	4.6	114	0.00
51		2,6-Dinitrotoluene	40.000	39.211	2.0	112	0.00
52	C	Acenaphthene	40.000	36.837	7.9	111	0.00
53		3-Nitroaniline	40.000	40.027	-0.1	116	0.00
54	P	2,4-Dinitrophenol	40.000	41.646	-4.1	120	0.00
55		Dibenzofuran	40.000	37.324	6.7	110	0.00
56	P	4-Nitrophenol	40.000	39.630	0.9	115	0.00
57		2,4-Dinitrotoluene	40.000	40.439	-1.1	116	0.00
58		Fluorene	40.000	36.992	7.5	111	0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.147	2.1	115	0.00
60		Diethylphthalate	40.000	37.810	5.5	112	0.00
61		4-Chlorophenyl-phenylether	40.000	36.596	8.5	109	0.01
62		4-Nitroaniline	40.000	38.717	3.2	112	0.00
63		Azobenzene	40.000	38.526	3.7	113	0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	117	0.01
65		4,6-Dinitro-2-methylphenol	40.000	39.721	0.7	118	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.227	6.9	112	0.00
67		4-Bromophenyl-phenylether	40.000	37.101	7.2	112	0.00
68		Hexachlorobenzene	40.000	37.062	7.3	114	0.01
69		Atrazine	40.000	38.057	4.9	116	0.00
70	C	Pentachlorophenol	40.000	38.733	3.2	116	0.01
71		Phenanthrene	40.000	36.445	8.9	113	0.01
72		Anthracene	40.000	37.563	6.1	114	0.00
73		Carbazole	40.000	37.116	7.2	114	0.00
74		Di-n-butylphthalate	40.000	37.602	6.0	115	0.02
75	C	Fluoranthene	40.000	37.481	6.3	117	0.02
76	I	Chrysene-d12	20.000	20.000	0.0	118	0.00
77		Benzidine	40.000	42.271	-5.7	88	0.00
78		Pyrene	40.000	37.404	6.5	113	0.01
79	S	Terphenyl-d14	80.000	66.399	17.0	102	0.02
80		Butylbenzylphthalate	40.000	38.401	4.0	115	0.01
81		Benzo(a)anthracene	40.000	36.950	7.6	113	0.00
82		3,3'-Dichlorobenzidine	40.000	38.038	4.9	114	0.01
83		Chrysene	40.000	37.353	6.6	115	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.729	3.2	119	0.00
85	c	Di-n-octyl phthalate	40.000	37.915	5.2	115	0.00
86	I	Perylene-d12	20.000	20.000	0.0	117	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.119	7.2	113	0.01
88		Benzo(b)fluoranthene	40.000	36.964	7.6	113	0.02
89		Benzo(k)fluoranthene	40.000	37.464	6.3	115	0.01
90	C	Benzo(a)pyrene	40.000	37.160	7.1	113	0.02
91		Dibenzo(a,h)anthracene	40.000	37.490	6.3	114	0.00
92		Benzo(g,h,i)perylene	40.000	37.216	7.0	113	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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: **BF143365.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_F Calibration Date/Time: 08/13/2025 10:00

Lab File ID: BF143365.D Init. Calib. Date(s): 08/12/2025 08/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:03 12:38

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.157	1.077		-6.9	
Benzaldehyde	0.980	0.870		-11.2	
Phenol-d6	1.483	1.334		-10.0	
Phenol	1.757	1.609		-8.4	20.0
bis(2-Chloroethyl)ether	1.295	1.200		-7.3	
2-Chlorophenol	1.236	1.195		-3.3	
2-Methylphenol	1.043	0.939		-10.0	
2,2-oxybis(1-Chloropropane)	2.312	2.149		-7.1	
Acetophenone	0.441	0.396		-10.2	
3+4-Methylphenols	1.262	1.144		-9.4	
n-Nitroso-di-n-propylamine	0.916	0.821	0.050	-10.4	
Nitrobenzene-d5	0.321	0.325		1.2	
Hexachloroethane	0.449	0.453		0.9	
Nitrobenzene	0.349	0.338		-3.2	
Isophorone	0.656	0.596		-9.1	
2-Nitrophenol	0.118	0.159		34.7	20.0
2,4-Dimethylphenol	0.274	0.264		-3.7	
bis(2-Chloroethoxy)methane	0.400	0.377		-5.8	
2,4-Dichlorophenol	0.267	0.259		-3.0	20.0
Naphthalene	0.962	0.881		-8.4	
4-Chloroaniline	0.347	0.317		-8.6	
Hexachlorobutadiene	0.175	0.172		-1.7	20.0
Caprolactam	0.075	0.067		-10.7	
4-Chloro-3-methylphenol	0.280	0.261		-6.8	20.0
2-Methylnaphthalene	0.633	0.580		-8.4	
Hexachlorocyclopentadiene	0.158	0.203	0.050	28.5	
2,4,6-Trichlorophenol	0.311	0.302		-2.9	20.0
2-Fluorobiphenyl	1.179	1.063		-9.8	
2,4,5-Trichlorophenol	0.351	0.334		-4.8	
1,1-Biphenyl	1.414	1.295		-8.4	
2-Chloronaphthalene	1.114	1.020		-8.4	
2-Nitroaniline	0.284	0.317		11.6	
Dimethylphthalate	1.169	1.088		-6.9	
Acenaphthylene	1.608	1.448		-9.9	
2,6-Dinitrotoluene	0.193	0.227		17.6	
3-Nitroaniline	0.239	0.251		5.0	
Acenaphthene	1.069	0.988		-7.6	20.0
2,4-Dinitrophenol	0.065	0.087	0.050	33.8	
4-Nitrophenol	0.163	0.169	0.050	3.7	

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: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_F Calibration Date/Time: 08/13/2025 10:00

Lab File ID: BF143365.D Init. Calib. Date(s): 08/12/2025 08/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:03 12:38

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.539	1.391		-9.6	
2,4-Dinitrotoluene	0.256	0.301		17.6	
Diethylphthalate	1.047	0.995		-5.0	
4-Chlorophenyl-phenylether	0.568	0.526		-7.4	
Fluorene	1.175	1.049		-10.7	
4-Nitroaniline	0.232	0.220		-5.2	
4,6-Dinitro-2-methylphenol	0.069	0.092		33.3	
n-Nitrosodiphenylamine	0.659	0.614		-6.8	20.0
2,4,6-Tribromophenol	0.146	0.155		6.2	
4-Bromophenyl-phenylether	0.229	0.225		-1.7	
Hexachlorobenzene	0.247	0.235		-4.9	
Atrazine	0.172	0.162		-5.8	
Pentachlorophenol	0.101	0.184		82.2	20.0
Phenanthrene	1.091	0.981		-10.1	
Anthracene	1.107	1.018		-8.0	
Carbazole	0.942	0.812		-13.8	
Di-n-butylphthalate	0.798	0.842		5.5	
Fluoranthene	0.956	0.844		-11.7	20.0
Pyrene	1.678	1.460		-13.0	
Terphenyl-d14	1.120	1.033		-7.8	
Butylbenzylphthalate	0.284	0.450		58.5	
3,3-Dichlorobenzidine	0.343	0.378		10.2	
Benzo(a)anthracene	1.271	1.152		-9.4	
Chrysene	1.185	1.104		-6.8	
Bis(2-ethylhexyl)phthalate	0.403	0.722		79.2	
Di-n-octyl phthalate	0.860	1.370		59.3	20.0
Benzo(b)fluoranthene	1.094	1.067		-2.5	
Benzo(k)fluoranthene	1.063	0.958		-9.9	
Benzo(a)pyrene	1.030	0.955		-7.3	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.348		-5.9	
Dibenzo(a,h)anthracene	1.145	1.104		-3.6	
Benzo(g,h,i)perylene	1.153	1.041		-9.7	
1,2,4,5-Tetrachlorobenzene	0.547	0.517		-5.5	
1,4-Dioxane	0.598	0.537		-10.2	20.0
2,3,4,6-Tetrachlorophenol	0.236	0.251		6.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	155874	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	589243	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	314886	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	455320	20.000	ng	0.00
76) Chrysene-d12	14.092	240	268507	20.000	ng	0.00
86) Perylene-d12	15.580	264	321267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	671415	74.486	ng	0.00
7) Phenol-d6	6.563	99	832051	71.982	ng	0.00
23) Nitrobenzene-d5	7.492	82	765414	80.892	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	195089	84.775	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1338604	72.088	ng	0.00
79) Terphenyl-d14	13.027	244	1109838	73.795	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	167561	35.924	ng	98
3) Pyridine	3.522	79	453743	36.505	ng	99
4) n-Nitrosodimethylamine	3.457	42	208030	35.930	ng	98
6) Aniline	6.592	93	578987	35.529	ng	99
8) 2-Chlorophenol	6.722	128	372513	38.676	ng	96
9) Benzaldehyde	6.481	77	271283	35.508	ng	99
10) Phenol	6.575	94	501602	36.630	ng	99
11) bis(2-Chloroethyl)ether	6.663	93	374208	37.079	ng	99
12) 1,3-Dichlorobenzene	6.875	146	403279	36.300	ng	99
13) 1,4-Dichlorobenzene	6.951	146	410171	36.786	ng	99
14) 1,2-Dichlorobenzene	7.104	146	388134	36.671	ng	99
15) Benzyl Alcohol	7.069	79	312677	37.736	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	669891	37.180	ng	99
17) 2-Methylphenol	7.181	107	292841	36.019	ng	100
18) Hexachloroethane	7.445	117	141162	40.381	ng	97
19) n-Nitroso-di-n-propyla...	7.339	70	255903	35.828	ng	99
20) 3+4-Methylphenols	7.334	107	356538	36.261	ng	98
22) Acetophenone	7.334	105	466722	35.949	ng	99
24) Nitrobenzene	7.510	77	398446	38.773	ng	98
25) Isophorone	7.745	82	702757	36.381	ng	98
26) 2-Nitrophenol	7.828	139	187613	45.743	ng	98
27) 2,4-Dimethylphenol	7.863	122	311198	38.616	ng	100
28) bis(2-Chloroethoxy)met...	7.957	93	444549	37.694	ng	100
29) 2,4-Dichlorophenol	8.069	162	304868	38.733	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	314199	37.843	ng	99
31) Naphthalene	8.233	128	1038756	36.636	ng	100
32) Benzoic acid	7.969	122	153094	44.806	ng	98
33) 4-Chloroaniline	8.281	127	373044	36.478	ng	99
34) Hexachlorobutadiene	8.351	225	202244	39.158	ng	100
35) Caprolactam	8.639	113	78907	35.661	ng	96
36) 4-Chloro-3-methylphenol	8.757	107	307883	37.312	ng	99
37) 2-Methylnaphthalene	8.922	142	684082	36.699	ng	99
38) 1-Methylnaphthalene	9.022	142	657684	36.634	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	325394	37.763	ng	100
41) Hexachlorocyclopentadiene	9.080	237	127734	45.170	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	189921	38.847	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

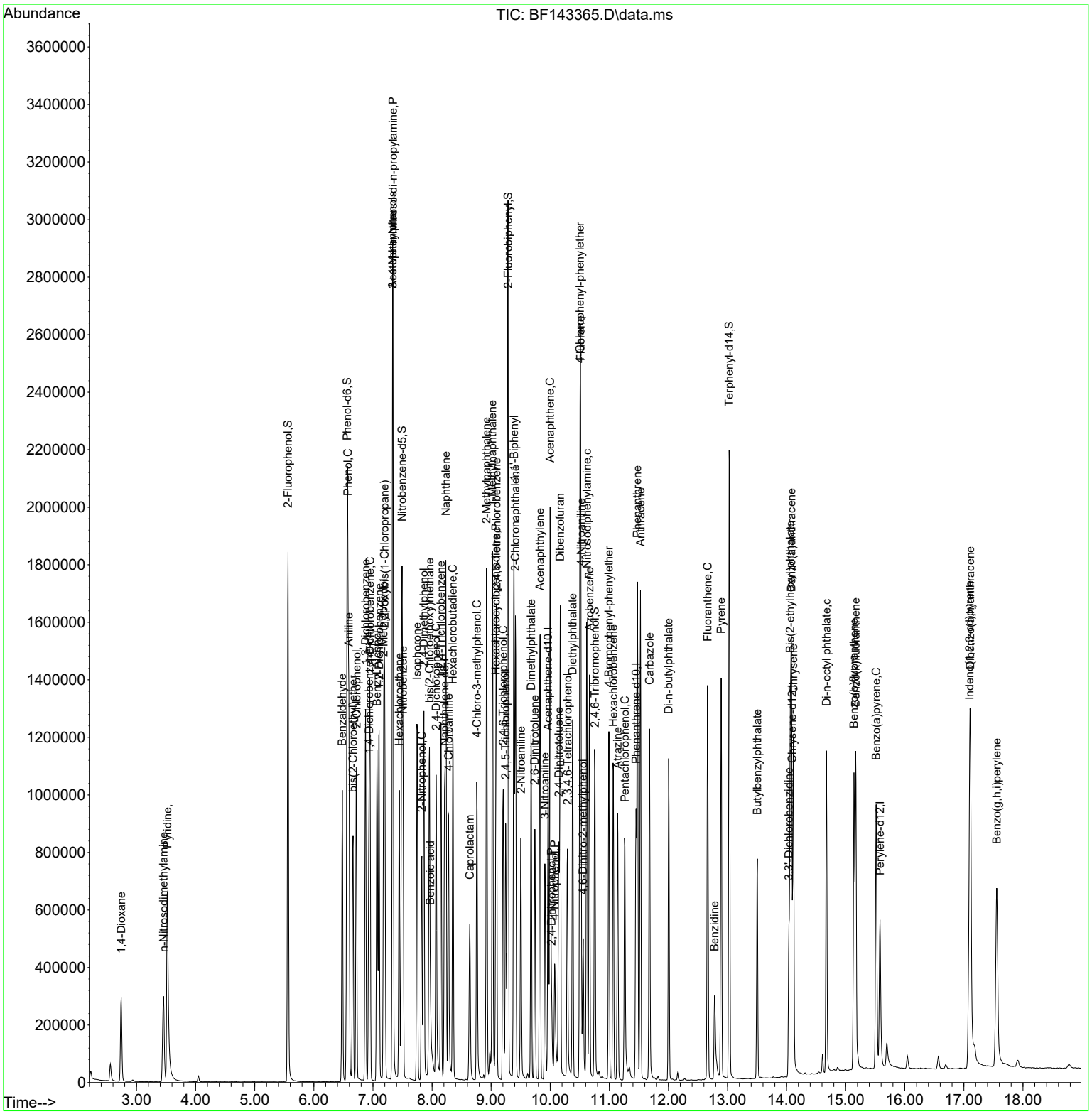
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	210414	38.112	ng	99
46) 1,1'-Biphenyl	9.386	154	815422	36.625	ng	100
47) 2-Chloronaphthalene	9.410	162	642420	36.637	ng	99
48) 2-Nitroaniline	9.504	65	199781	39.994	ng	99
49) Acenaphthylene	9.827	152	912085	36.019	ng	99
50) Dimethylphthalate	9.675	163	684989	37.229	ng	100
51) 2,6-Dinitrotoluene	9.739	165	143121	41.532	ng	98
52) Acenaphthene	9.998	154	622352	36.969	ng	99
53) 3-Nitroaniline	9.910	138	158044	41.943	ng	100
54) 2,4-Dinitrophenol	10.022	184	54988	47.847	ng	88
55) Dibenzofuran	10.169	168	876245	36.166	ng	99
56) 4-Nitrophenol	10.075	139	106466	38.411	ng	98
57) 2,4-Dinitrotoluene	10.145	165	189595	41.474	ng	93
58) Fluorene	10.516	166	660928	35.714	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	157931	42.436	ng	98
60) Diethylphthalate	10.380	149	626496	38.014	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	331103	37.027	ng	98
62) 4-Nitroaniline	10.522	138	138449	37.977	ng	98
63) Azobenzene	10.663	77	682418	36.252	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	83546	45.753	ng	96
66) n-Nitrosodiphenylamine	10.622	169	558749	37.268	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	204482	39.268	ng	97
68) Hexachlorobenzene	11.069	284	214247	38.169	ng	97
69) Atrazine	11.139	200	147197	37.642	ng	98
70) Pentachlorophenol	11.263	266	167836	62.487	ng	97
71) Phenanthrene	11.474	178	893088	35.951	ng	100
72) Anthracene	11.527	178	926945	36.793	ng	99
73) Carbazole	11.680	167	739655	34.473	ng	99
74) Di-n-butylphthalate	12.004	149	766597	42.222	ng	100
75) Fluoranthene	12.663	202	768327	35.308	ng	100
77) Benzidine	12.780	184	248352	33.832	ng	99
78) Pyrene	12.892	202	784051	34.808	ng	100
80) Butylbenzylphthalate	13.504	149	241746	53.869	ng	97
81) Benzo(a)anthracene	14.080	228	618813	36.260	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	203149	44.084	ng	98
83) Chrysene	14.115	228	593023	37.266	ng	99
84) Bis(2-ethylhexyl)phtha...	14.062	149	387949	58.318	ng	99
85) Di-n-octyl phthalate	14.674	149	735485	55.364	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	866144	37.631	ng	100
88) Benzo(b)fluoranthene	15.139	252	685407	39.006	ng	99
89) Benzo(k)fluoranthene	15.168	252	615365	36.040	ng	99
90) Benzo(a)pyrene	15.515	252	613881	37.093	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	709428	38.581	ng	99
92) Benzo(g,h,i)perylene	17.556	276	669117	36.122	ng	99

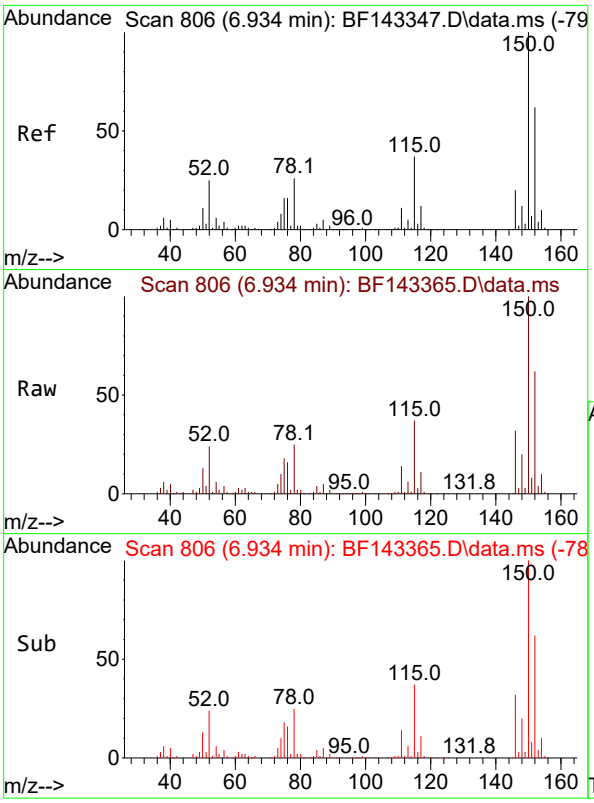
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration



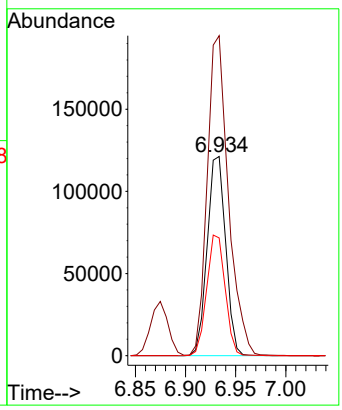


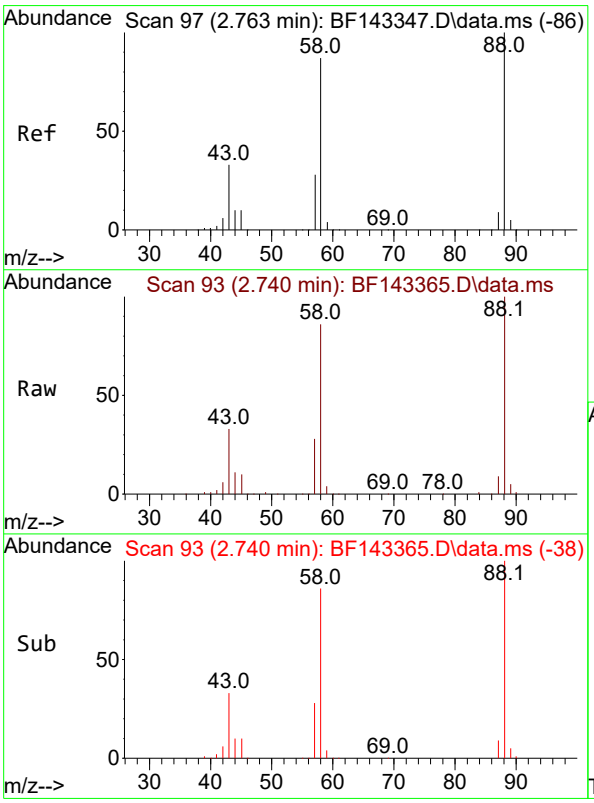
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 155874

Ion	Ratio	Lower	Upper
152	100		
150	160.6	129.8	194.8
115	59.1	47.8	71.8

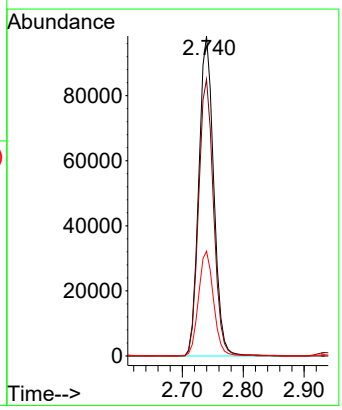


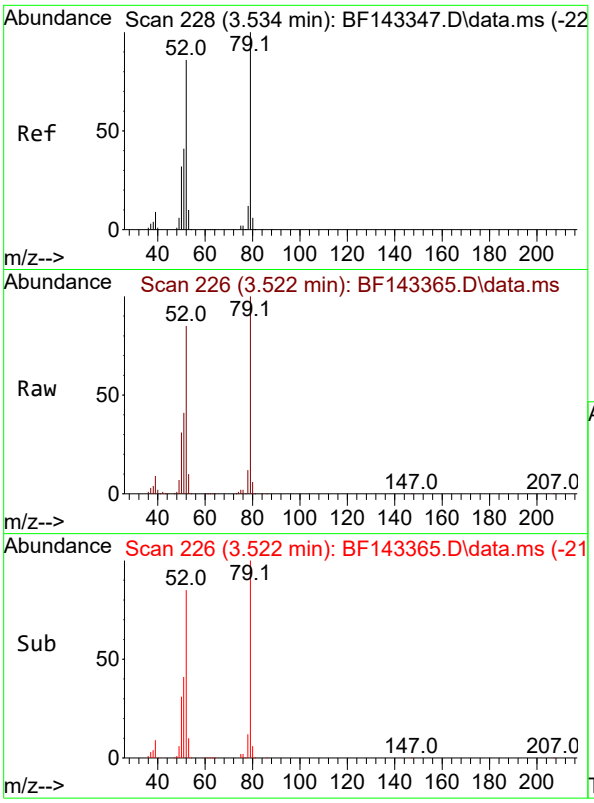


#2
1,4-Dioxane
Concen: 35.924 ng
RT: 2.740 min Scan# 93
Delta R.T. -0.024 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 88 Resp: 167561

Ion	Ratio	Lower	Upper
88	100		
58	86.4	71.0	106.6
43	33.1	27.0	40.6



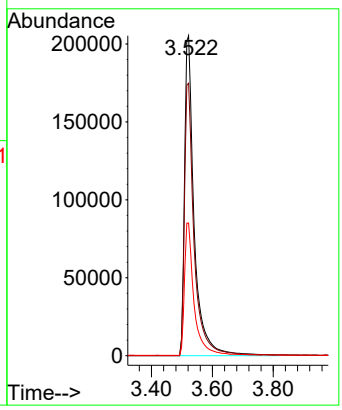


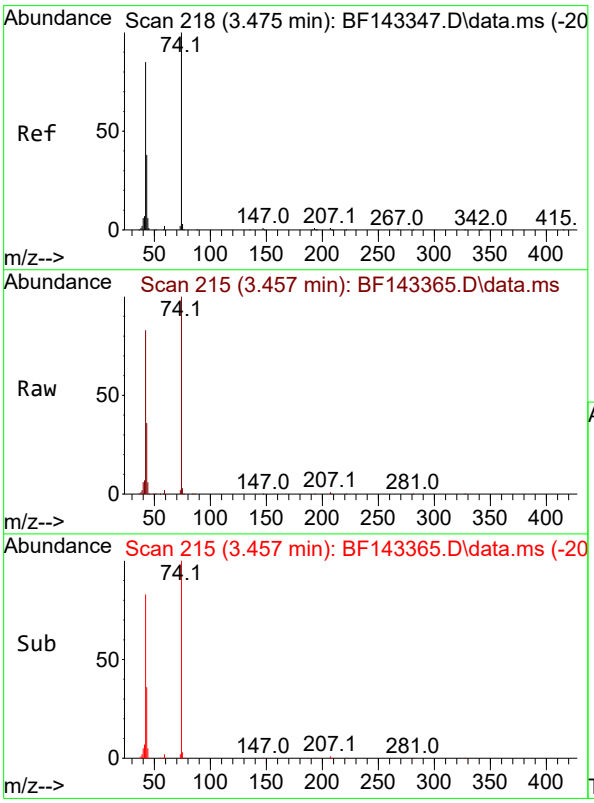
#3
Pyridine
Concen: 36.505 ng
RT: 3.522 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 453743

Ion	Ratio	Lower	Upper
79	100		
52	85.2	68.7	103.1
51	41.5	33.4	50.0

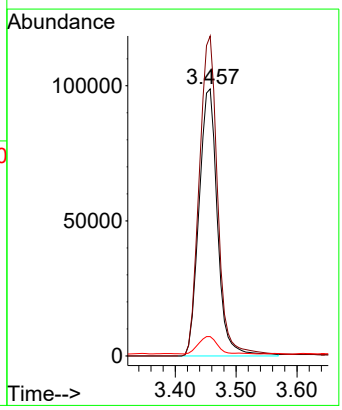


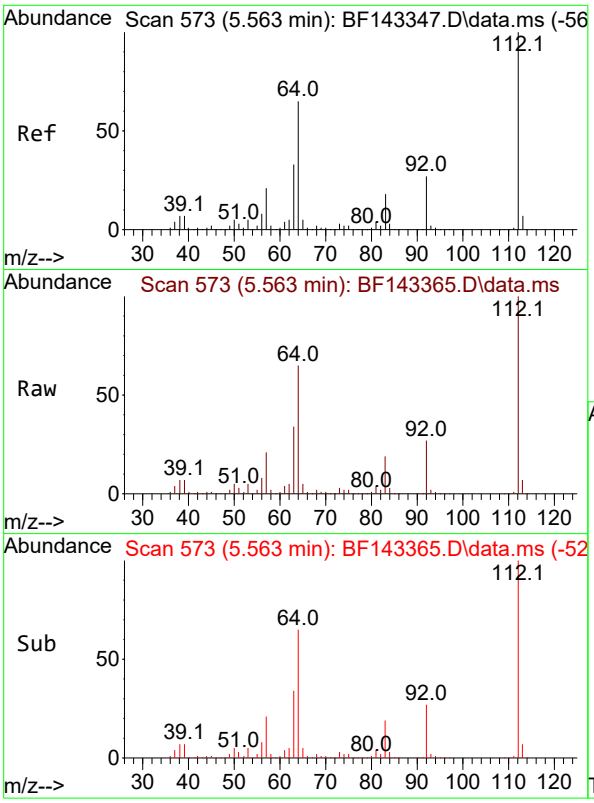


#4
n-Nitrosodimethylamine
Concen: 35.930 ng
RT: 3.457 min Scan# 215
Delta R.T. -0.018 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 42 Resp: 208030

Ion	Ratio	Lower	Upper
42	100		
74	119.8	94.1	141.1
44	7.2	6.5	9.7



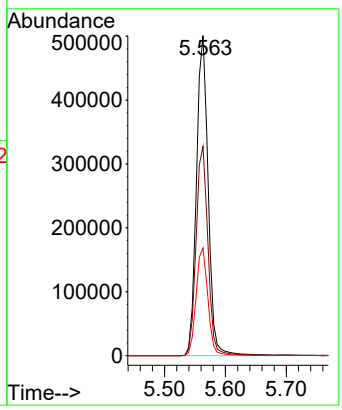


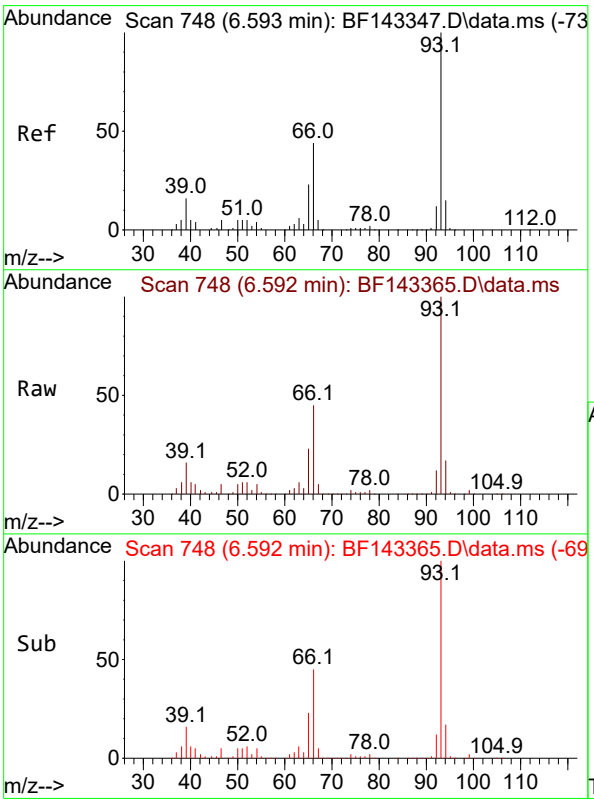
#5
2-Fluorophenol
Concen: 74.486 ng
RT: 5.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 671415

Ion	Ratio	Lower	Upper
112	100		
64	65.4	52.1	78.1
63	33.7	26.6	39.8

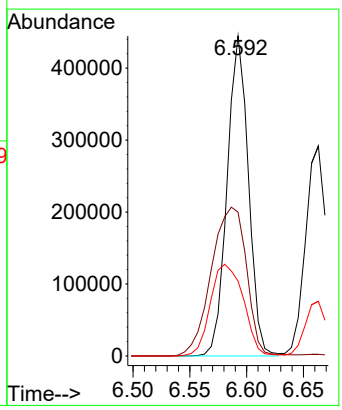


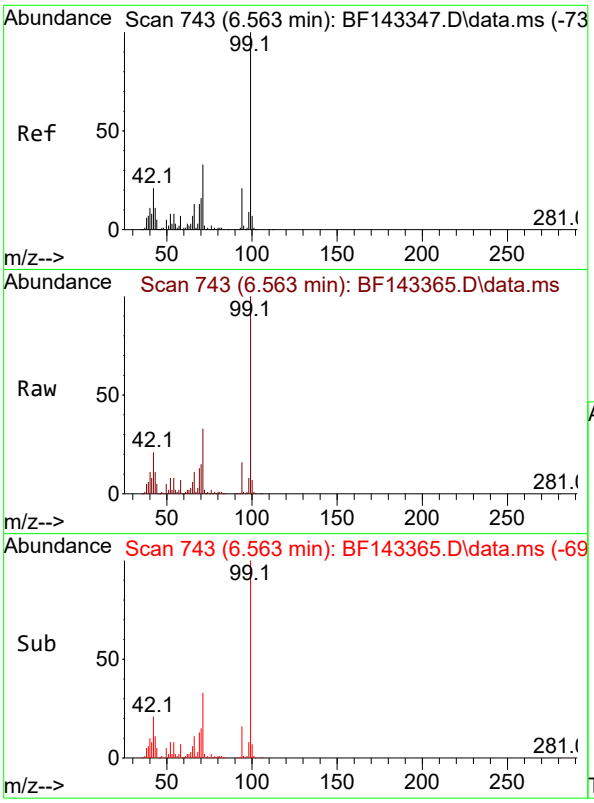


#6
Aniline
Concen: 35.529 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 93 Resp: 578987

Ion	Ratio	Lower	Upper
93	100		
66	45.0	35.3	52.9
65	23.4	18.2	27.4



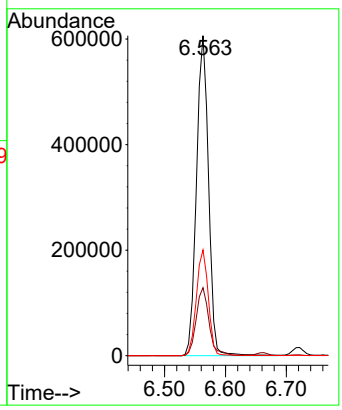


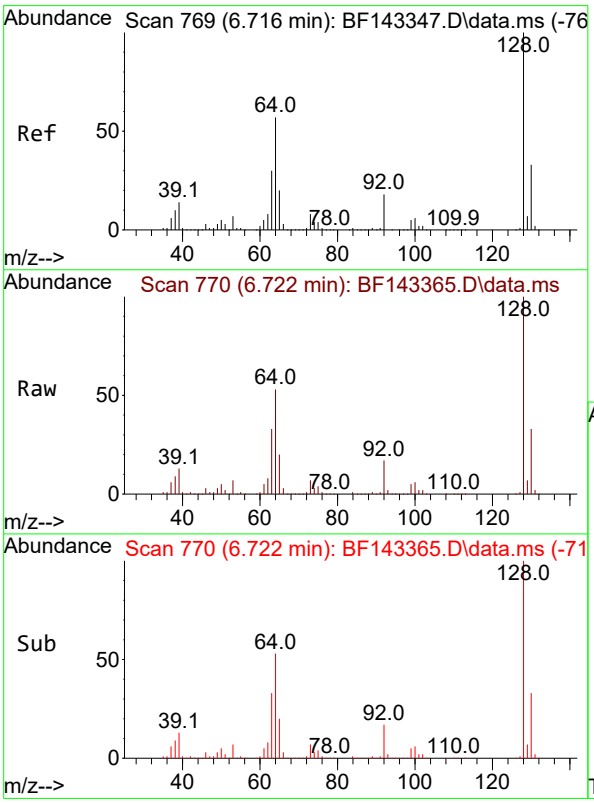
#7
Phenol-d6
Concen: 71.982 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 832051

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.6	25.0
71	33.0	26.2	39.2

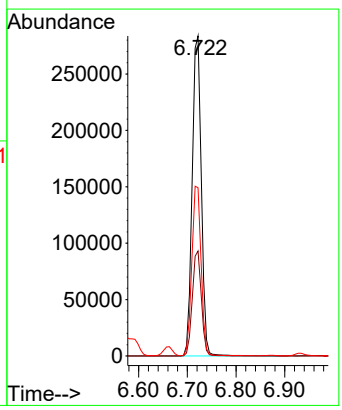


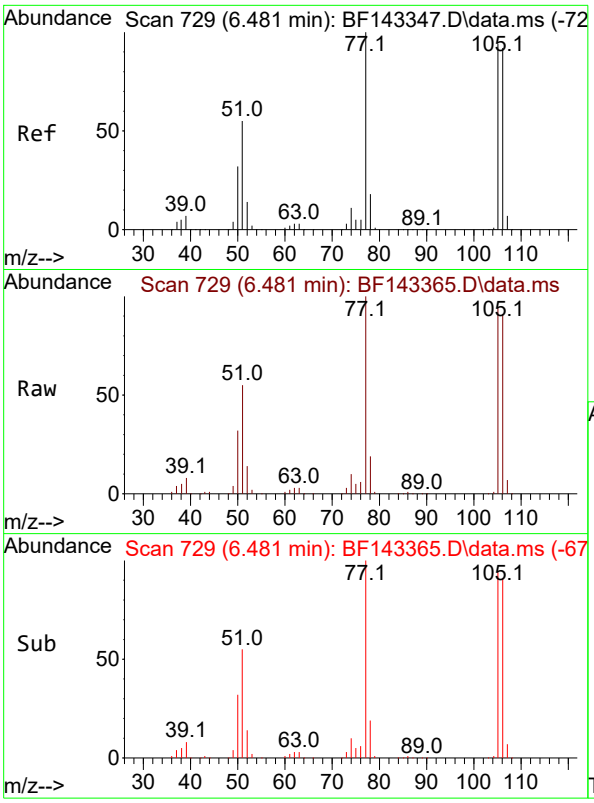


#8
2-Chlorophenol
Concen: 38.676 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:128 Resp: 372513

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	52.5	36.7	76.7



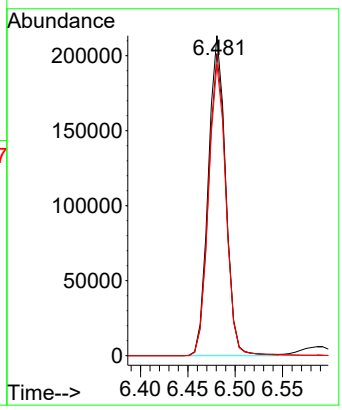


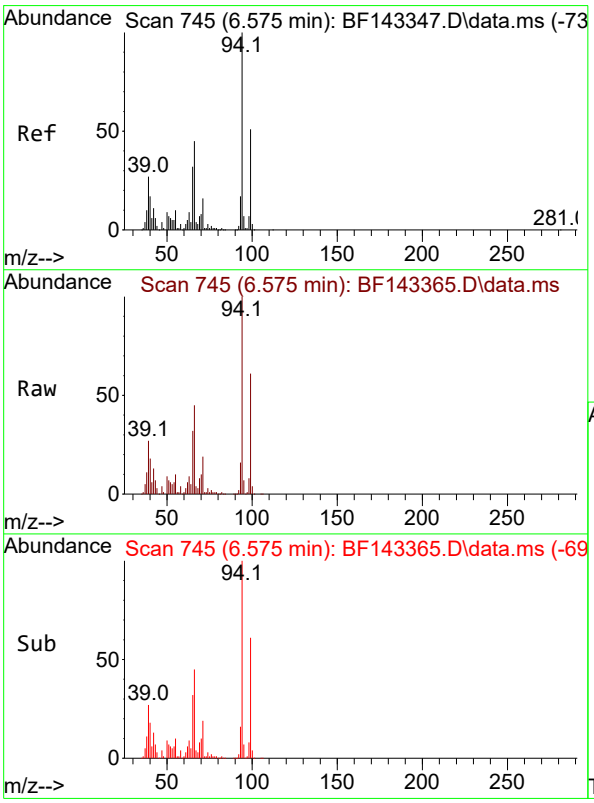
#9
Benzaldehyde
Concen: 35.508 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 271283

Ion	Ratio	Lower	Upper
77	100		
105	94.4	74.2	114.2
106	91.0	72.2	112.2

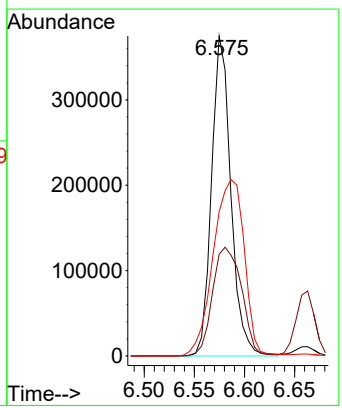


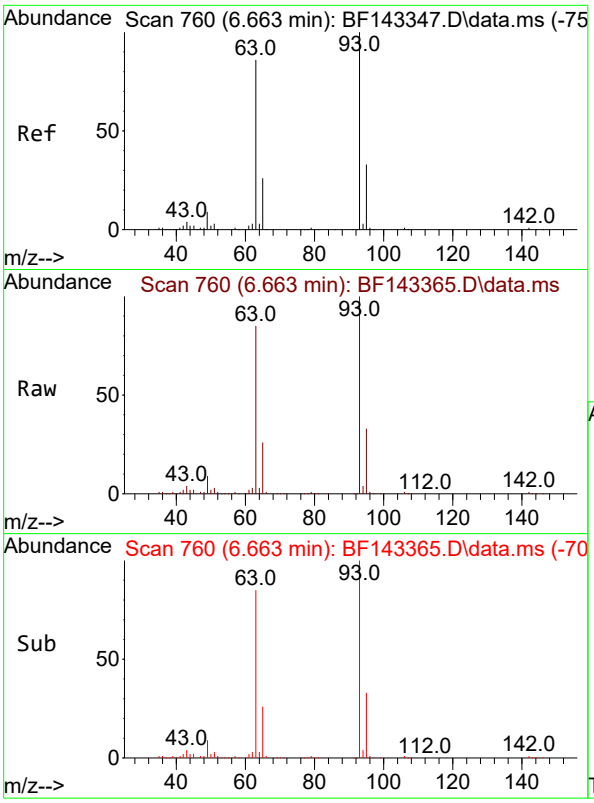


#10
Phenol
Concen: 36.630 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 94 Resp: 501602

Ion	Ratio	Lower	Upper
94	100		
65	31.8	12.0	52.0
66	45.1	25.6	65.6



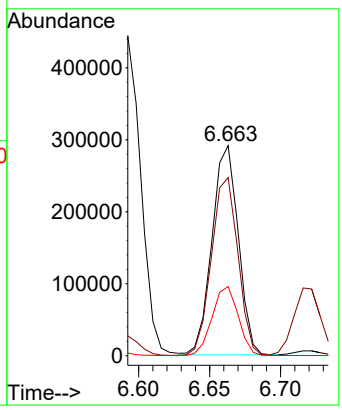


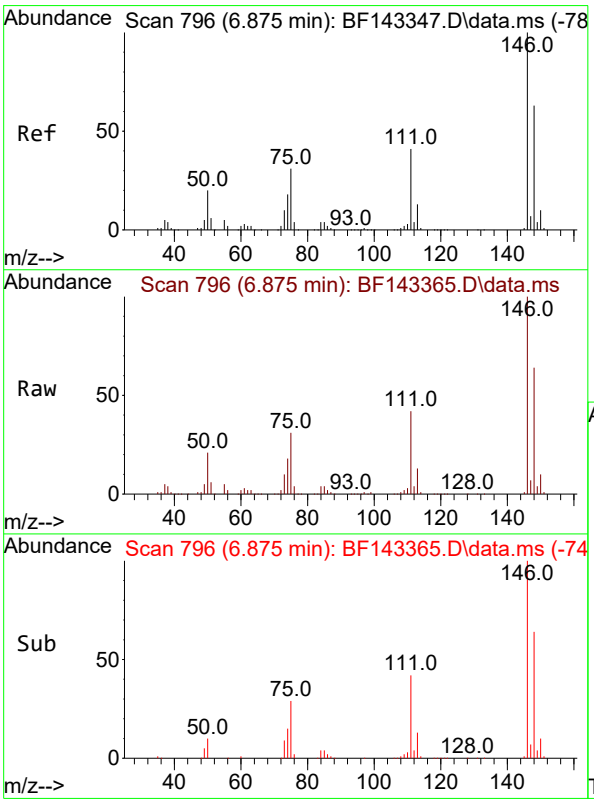
#11
bis(2-Chloroethyl)ether
Concen: 37.079 ng
RT: 6.663 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 374208

Ion	Ratio	Lower	Upper
93	100		
63	84.8	65.7	105.7
95	32.9	13.0	53.0

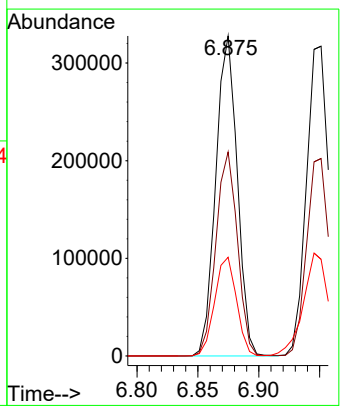


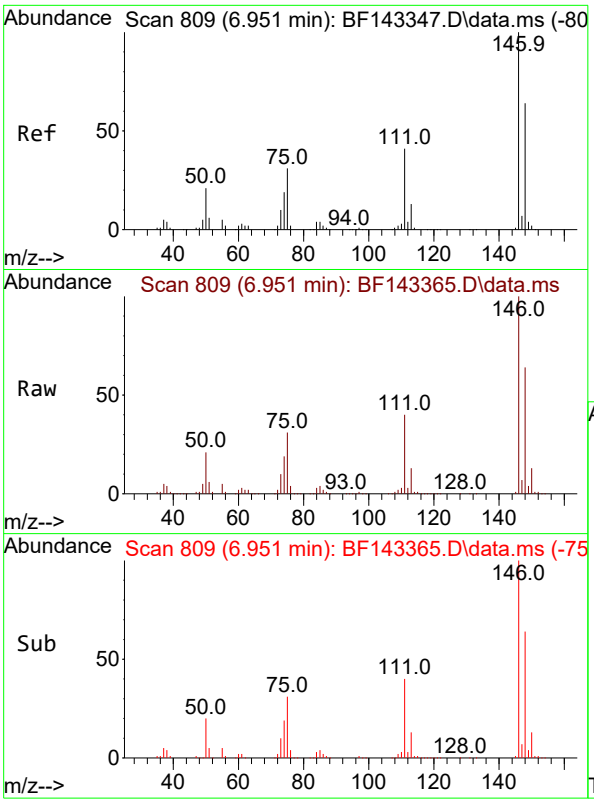


#12
1,3-Dichlorobenzene
Concen: 36.300 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:146 Resp: 403279

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
75	30.9	24.9	37.3



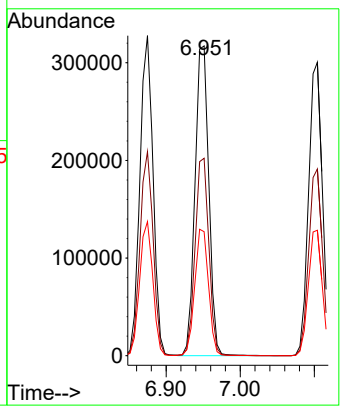


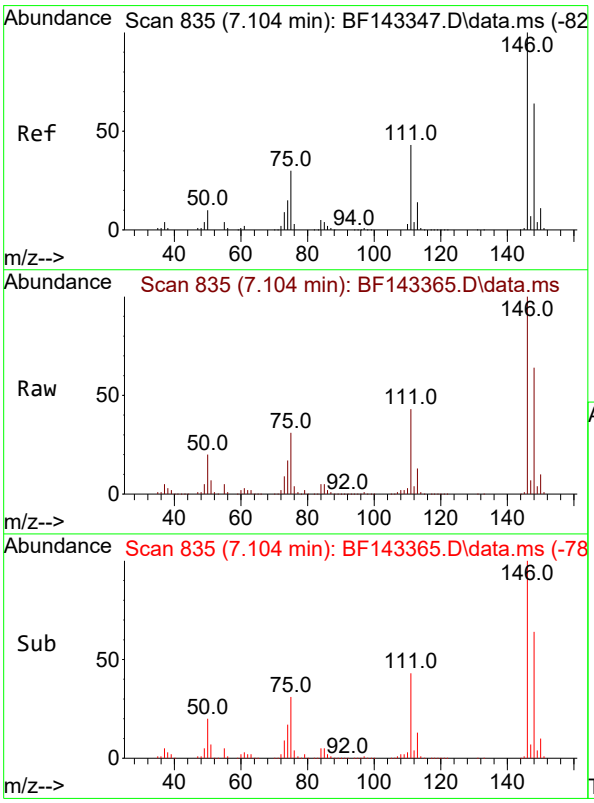
#13
1,4-Dichlorobenzene
Concen: 36.786 ng
RT: 6.951 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 410171

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	40.0	32.6	48.8

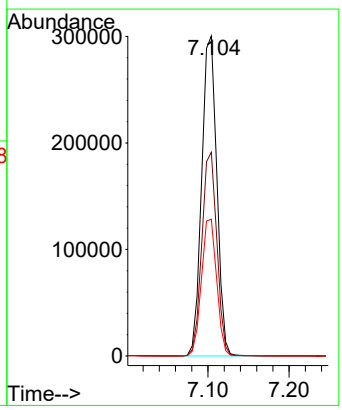


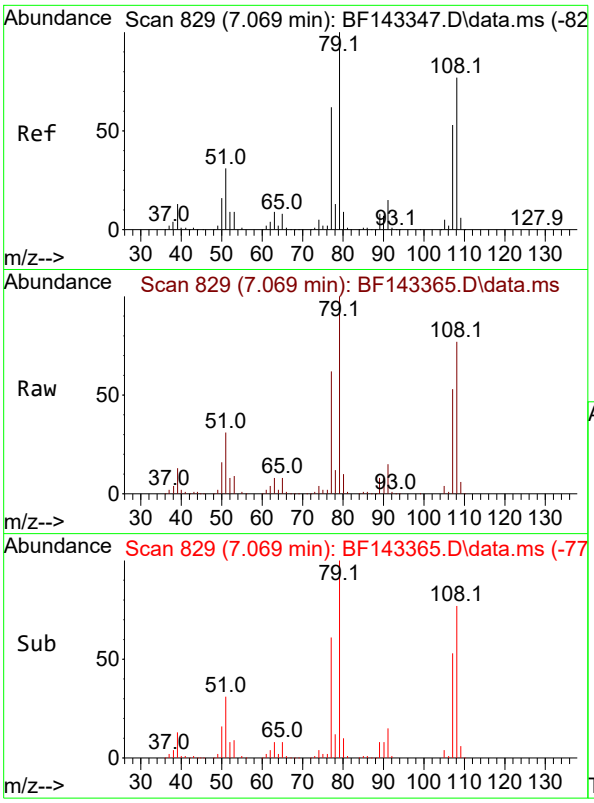


#14
1,2-Dichlorobenzene
Concen: 36.671 ng
RT: 7.104 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:146 Resp: 388134

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
111	42.8	34.1	51.1



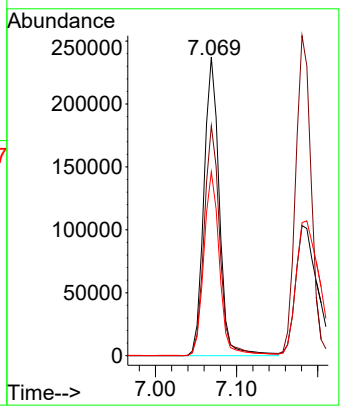


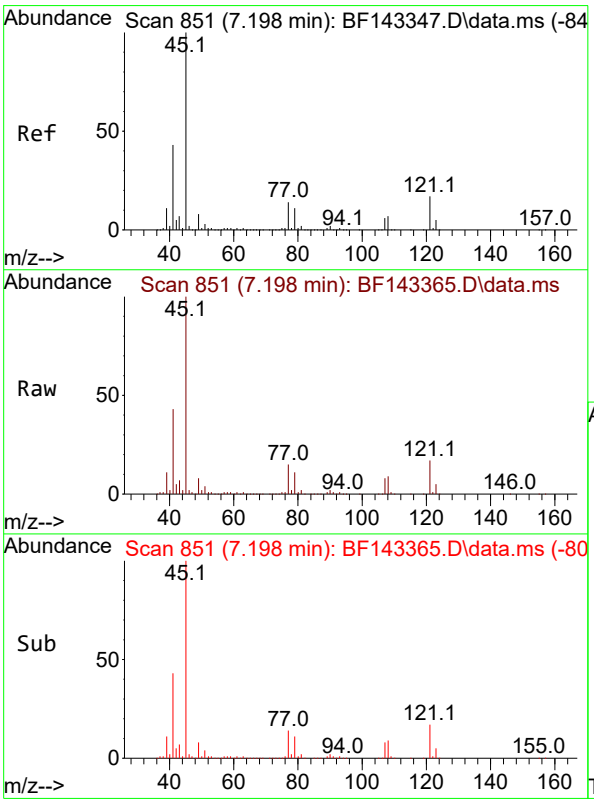
#15
Benzyl Alcohol
Concen: 37.736 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 312677

Ion	Ratio	Lower	Upper
79	100		
108	77.0	61.5	92.3
77	61.6	49.8	74.8

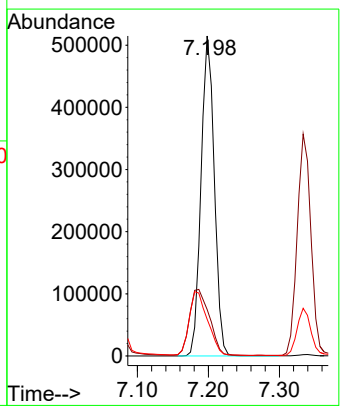


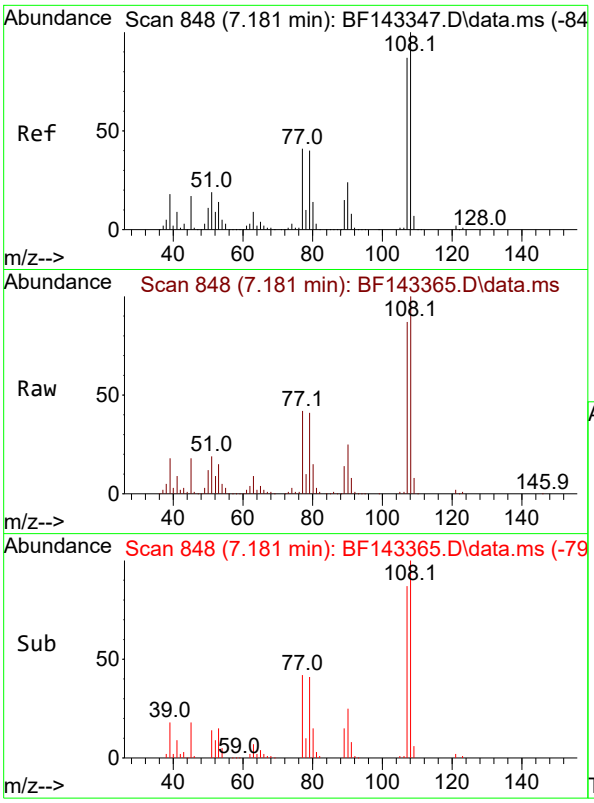


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.180 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 45 Resp: 669891

Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.0
79	11.5	0.0	31.1



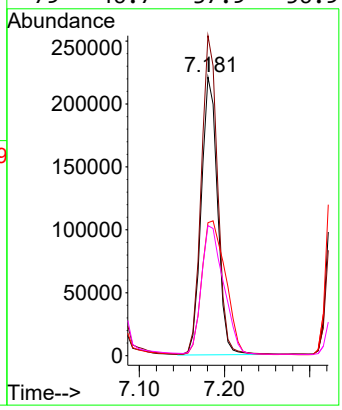


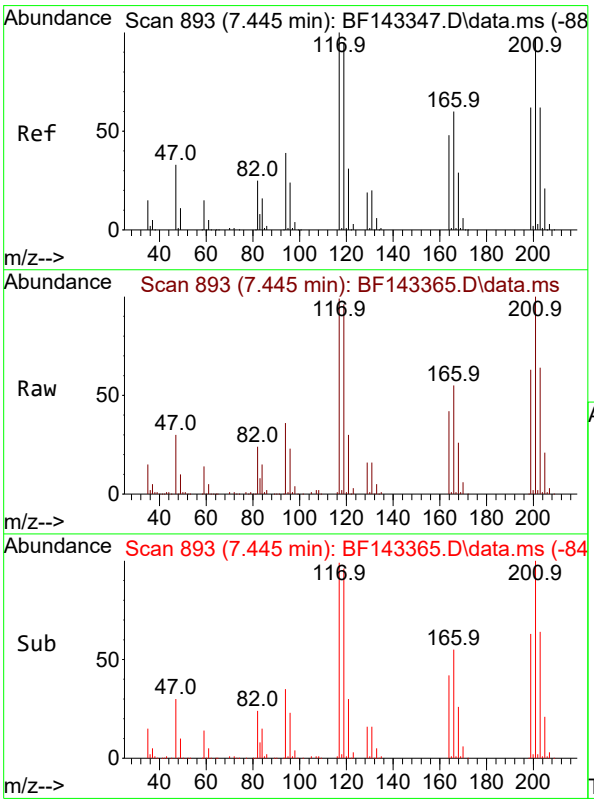
#17
2-Methylphenol
Concen: 36.019 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 292841

Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.0	138.0
77	47.7	38.2	57.2
79	46.7	37.9	56.9

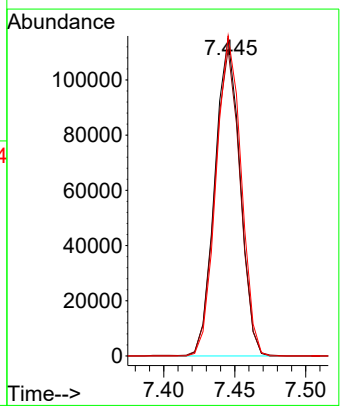


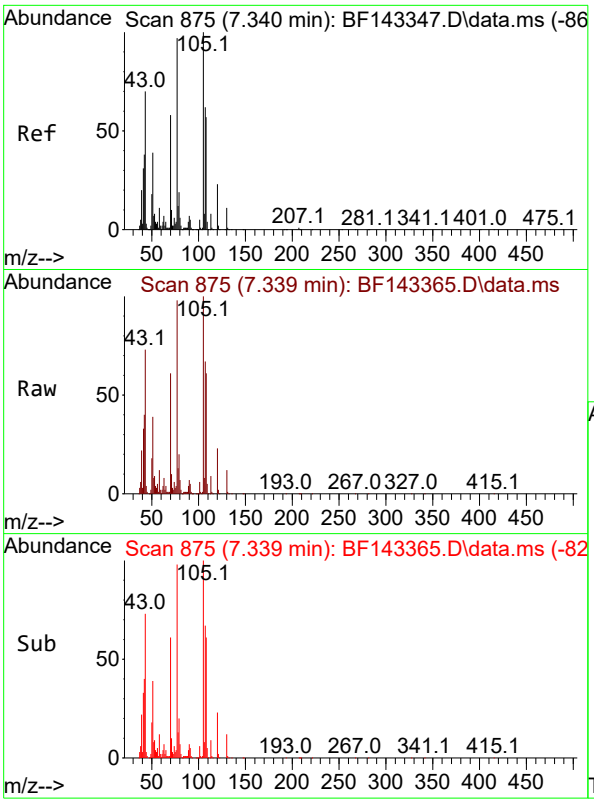


#18
Hexachloroethane
Concen: 40.381 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:117 Resp: 141162

Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	100.7	77.2	115.8



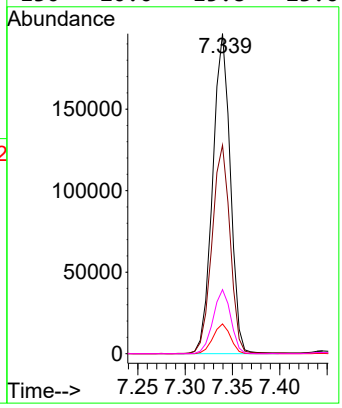


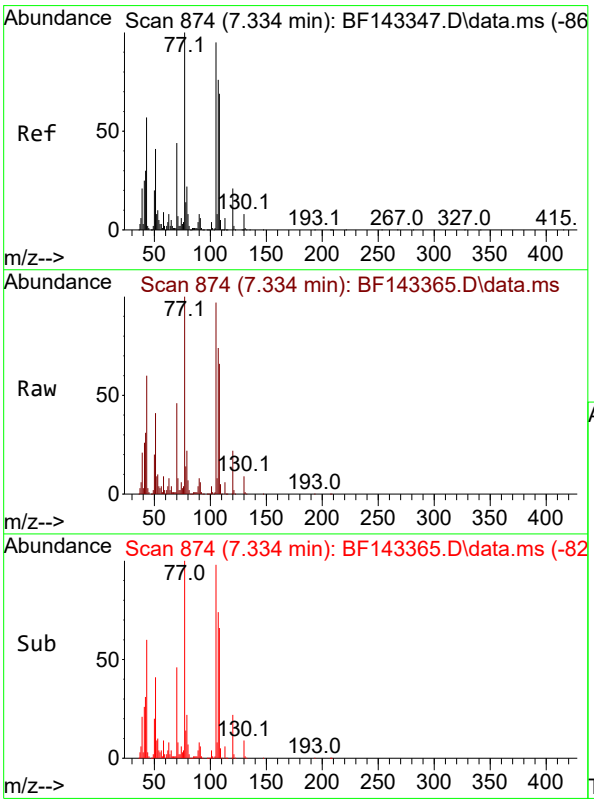
#19
n-Nitroso-di-n-propylamine
Concen: 35.828 ng
RT: 7.339 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 255903

Ion	Ratio	Lower	Upper
70	100		
42	65.2	51.6	77.4
101	9.3	7.5	11.3
130	20.0	15.8	23.6

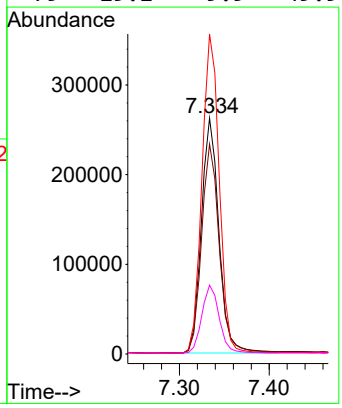


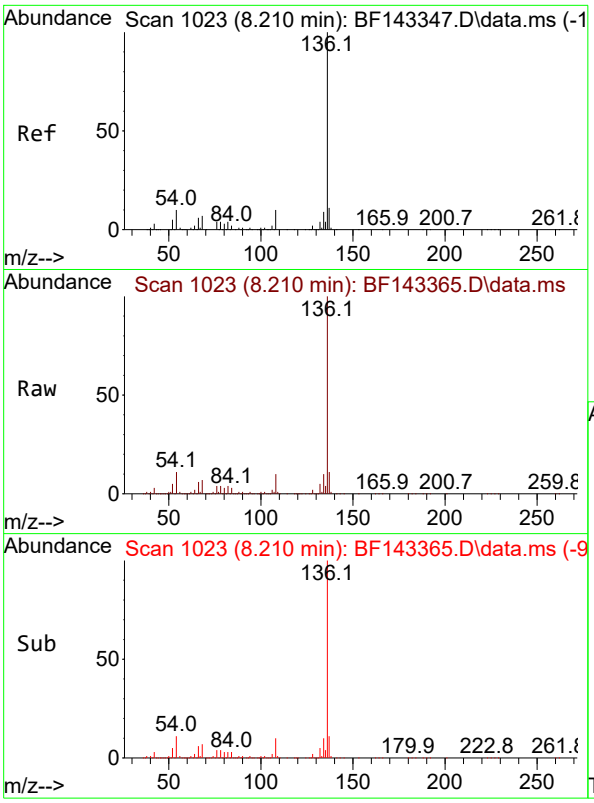


#20
3+4-Methylphenols
Concen: 36.261 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:107 Resp: 356538

Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.6	110.6
77	135.7	112.0	152.0
79	29.2	9.9	49.9



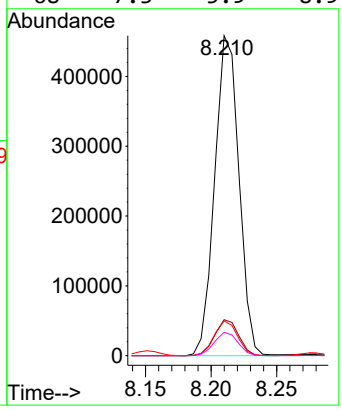


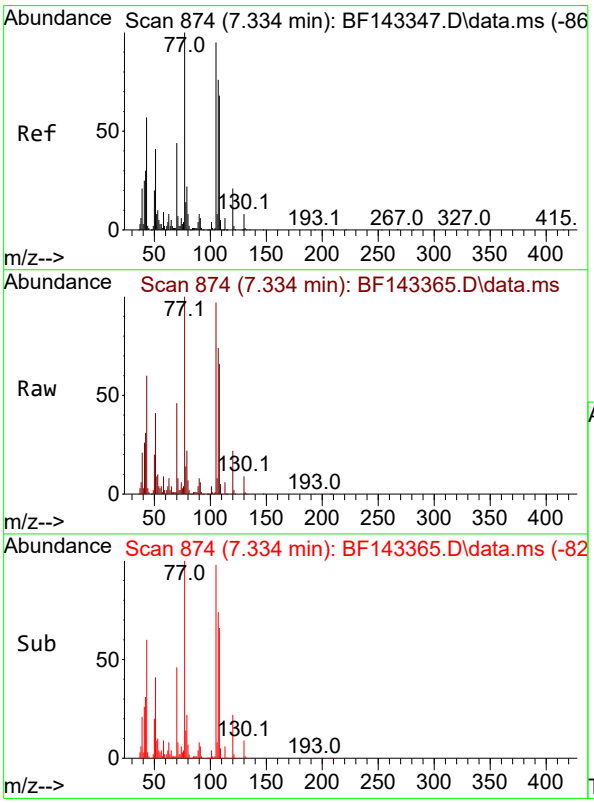
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 589243

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.8	8.4	12.6
68	7.3	5.9	8.9

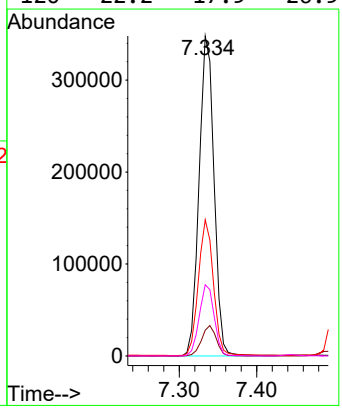


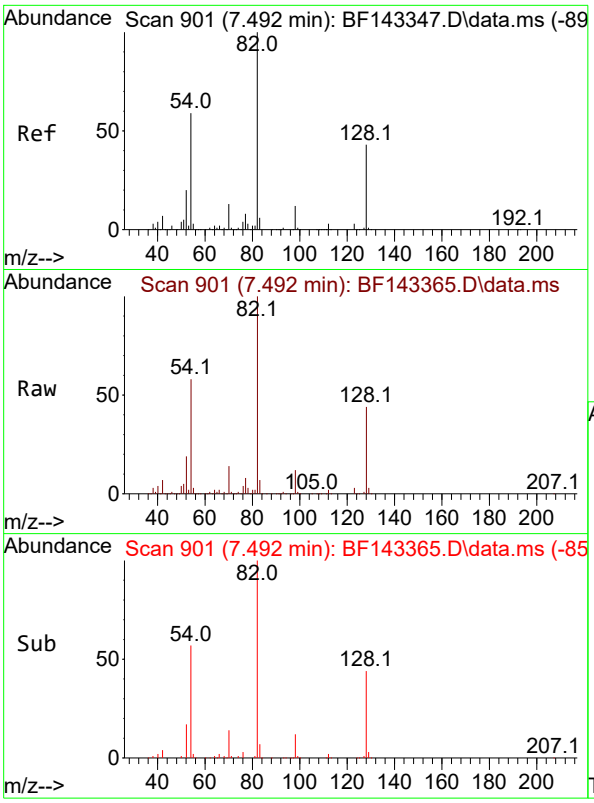


#22
Acetophenone
Concen: 35.949 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:105 Resp: 466722

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.2	9.4
51	42.5	34.8	52.2
120	22.2	17.9	26.9



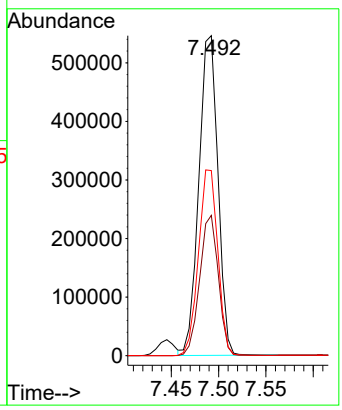


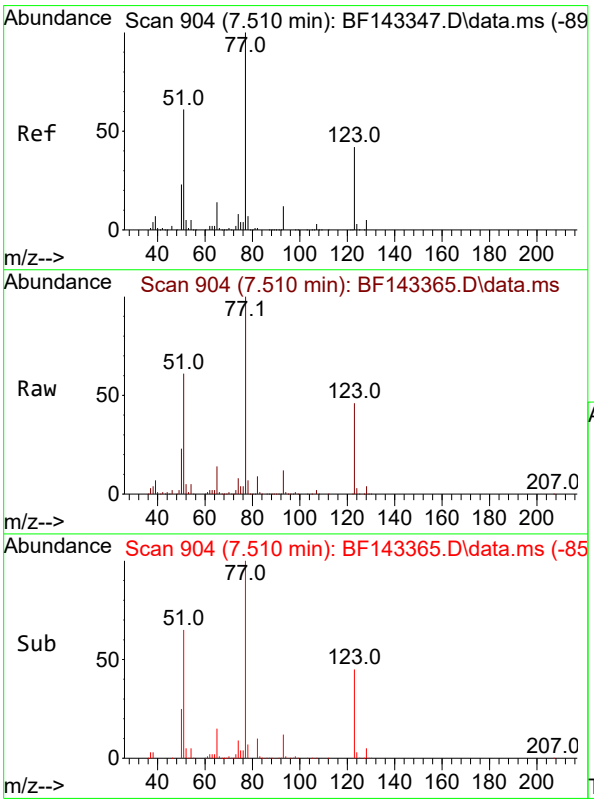
#23
Nitrobenzene-d5
Concen: 80.892 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 765414

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.5	50.3
54	57.8	46.7	70.1

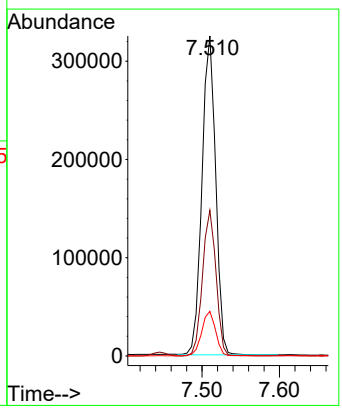


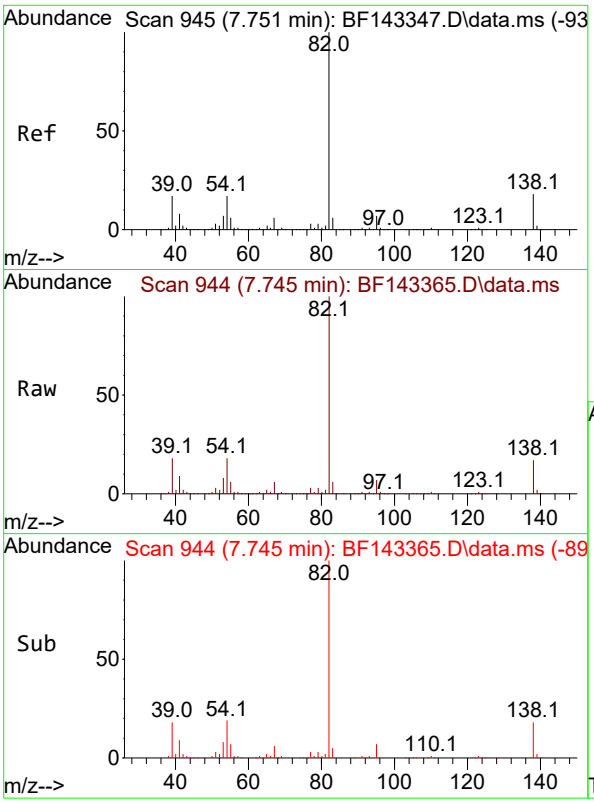


#24
Nitrobenzene
Concen: 38.773 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 77 Resp: 398446

Ion	Ratio	Lower	Upper
77	100		
123	45.5	34.8	52.2
65	14.0	11.0	16.6



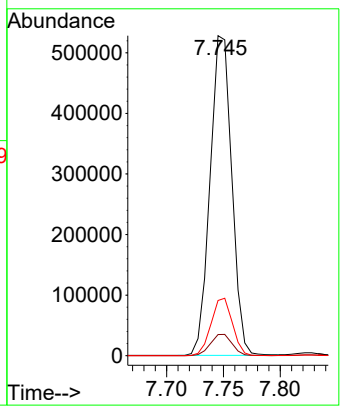


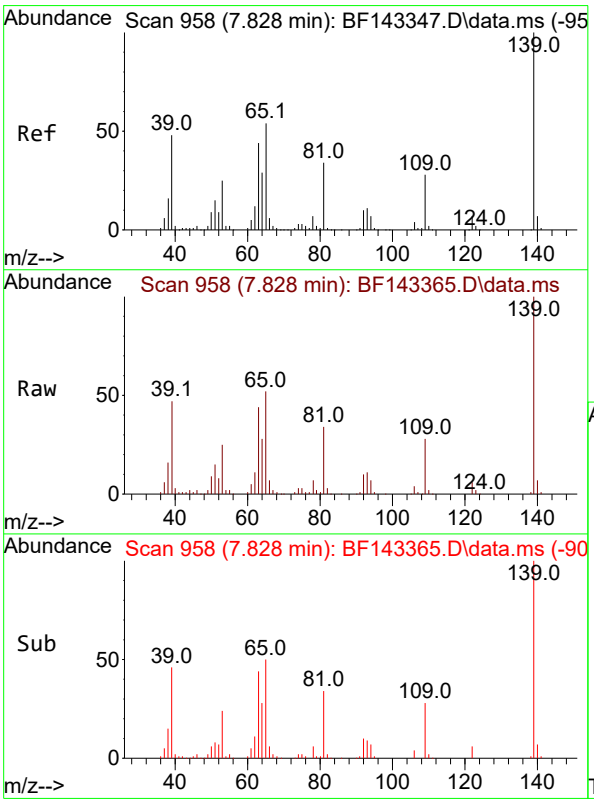
#25
Isophorone
Concen: 36.381 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 702757

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.5	8.3
138	17.3	14.6	21.8

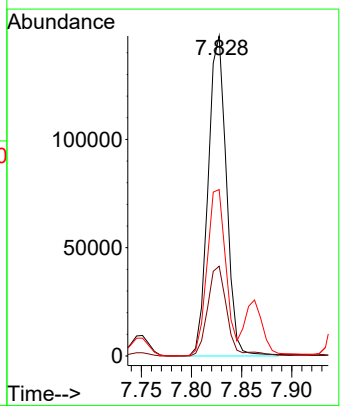


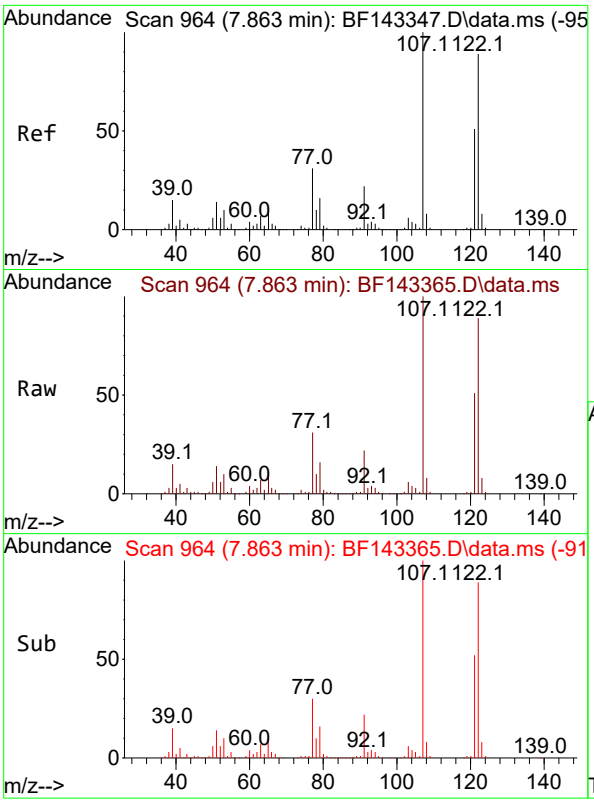


#26
2-Nitrophenol
Concen: 45.743 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:139 Resp: 187613

Ion	Ratio	Lower	Upper
139	100		
109	28.0	22.4	33.6
65	52.0	42.9	64.3



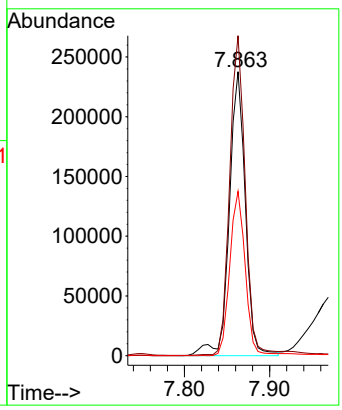


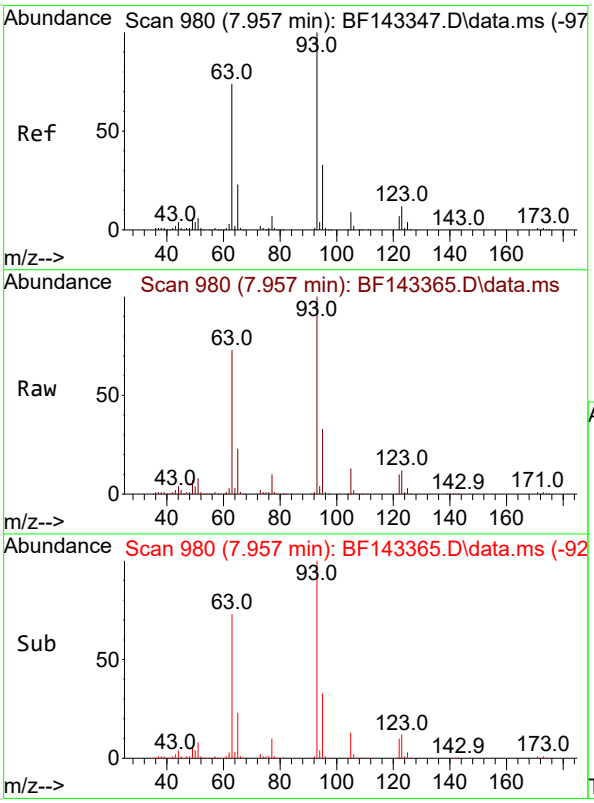
#27
2,4-Dimethylphenol
Concen: 38.616 ng
RT: 7.863 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 311198

Ion	Ratio	Lower	Upper
122	100		
107	112.7	89.9	134.9
121	57.9	46.2	69.4

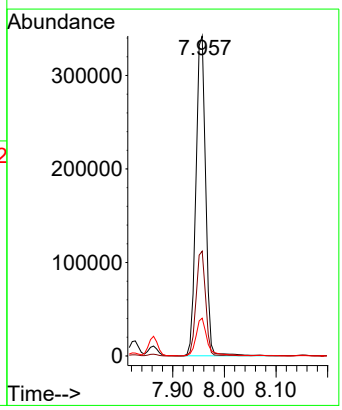


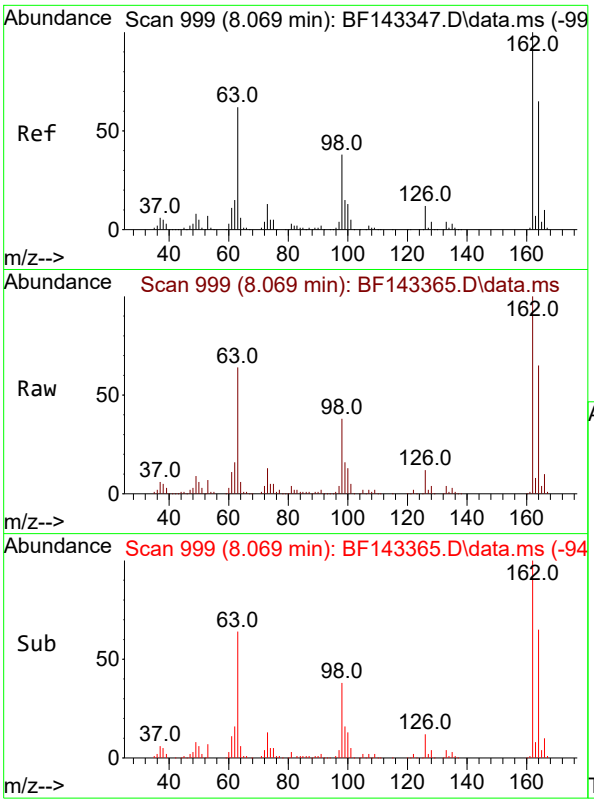


#28
bis(2-Chloroethoxy)methane
Concen: 37.694 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 93 Resp: 444549

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	11.8	9.4	14.2



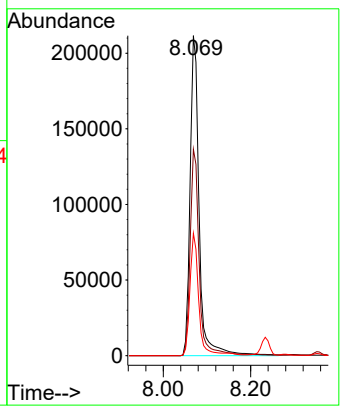


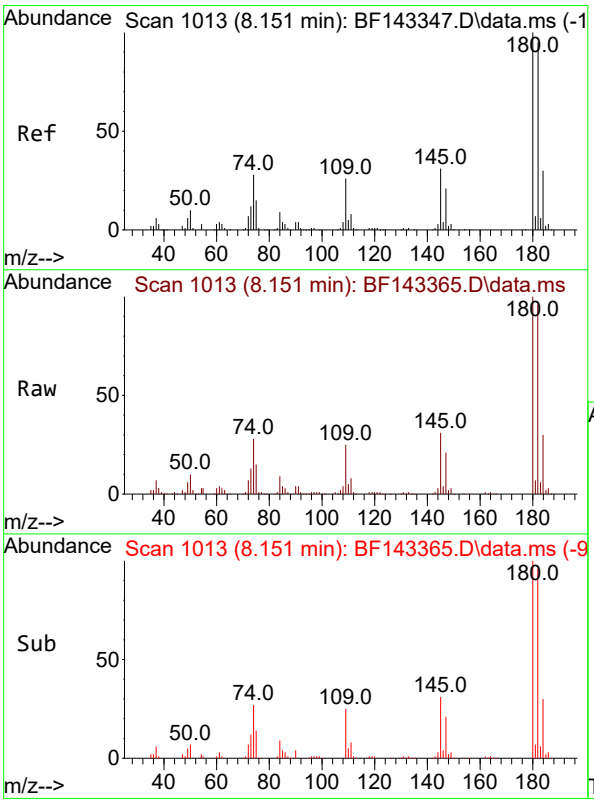
#29
2,4-Dichlorophenol
Concen: 38.733 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 304868

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.5	84.5
98	38.3	17.7	57.7

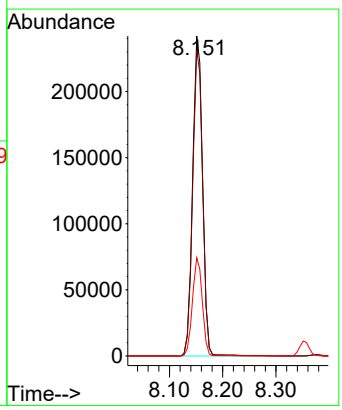


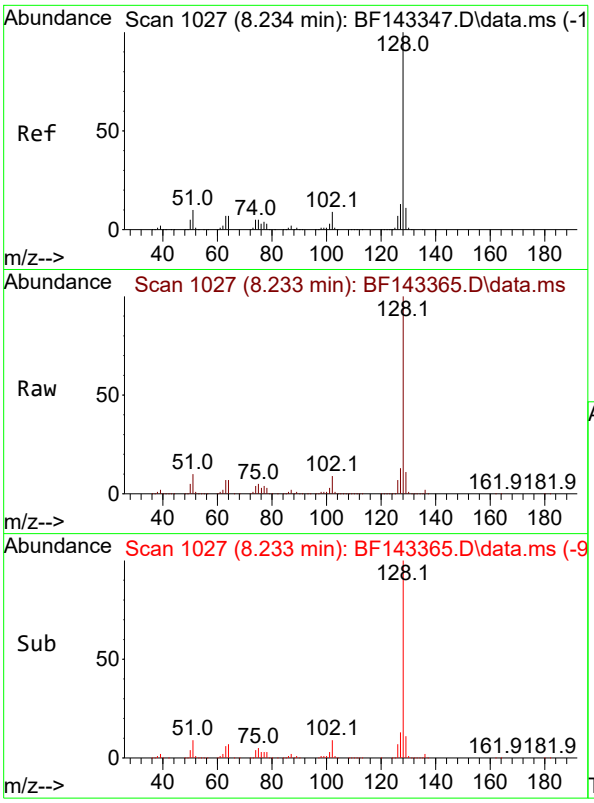


#30
1,2,4-Trichlorobenzene
Concen: 37.843 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:180 Resp: 314199

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.1	114.1
145	30.7	24.9	37.3



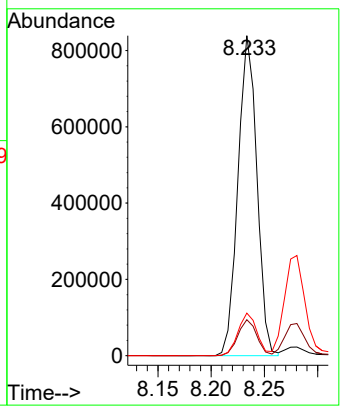


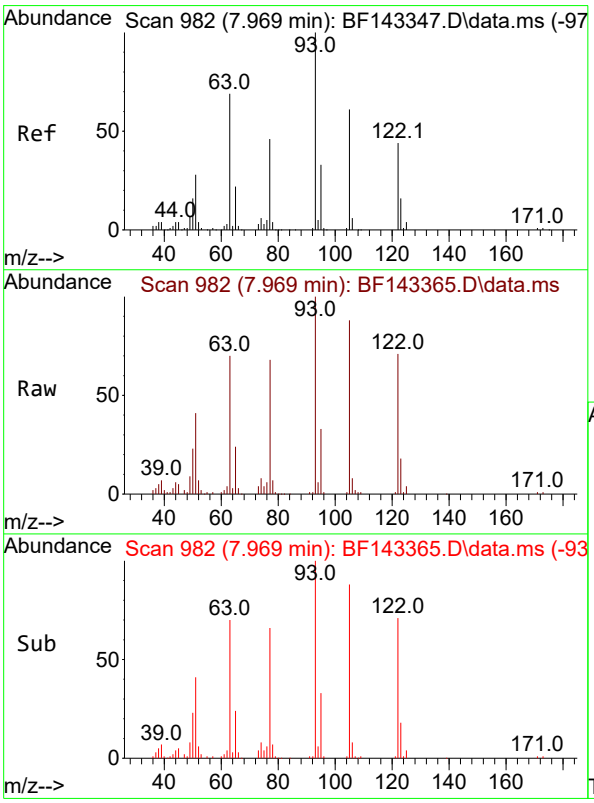
#31
Naphthalene
Concen: 36.636 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1038756

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	10.7	16.1

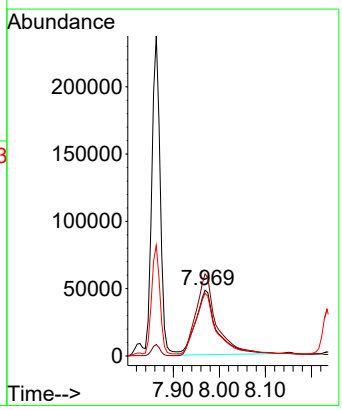


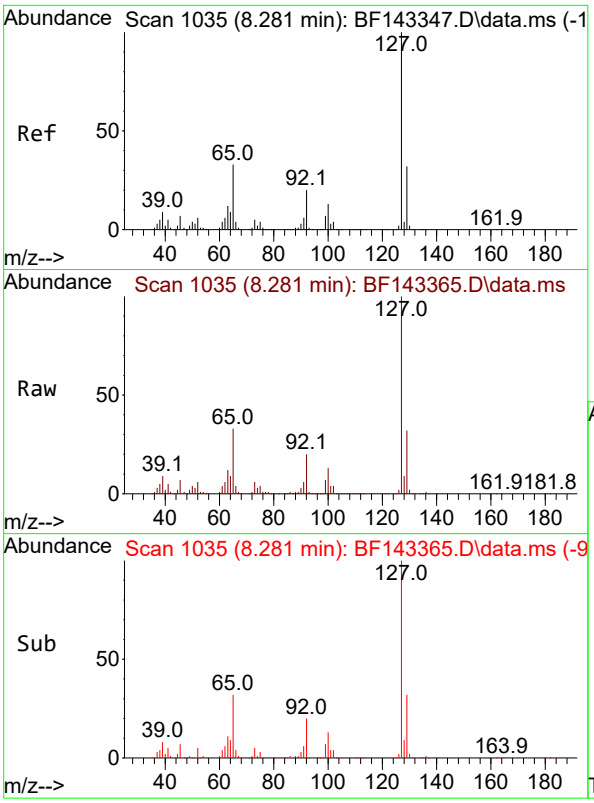


#32
Benzoic acid
Concen: 44.806 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:122 Resp: 153094

Ion	Ratio	Lower	Upper
122	100		
105	124.8	106.4	146.4
77	95.7	79.2	119.2



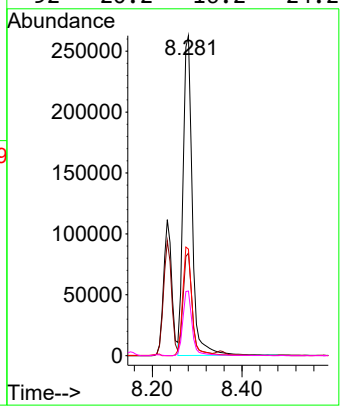


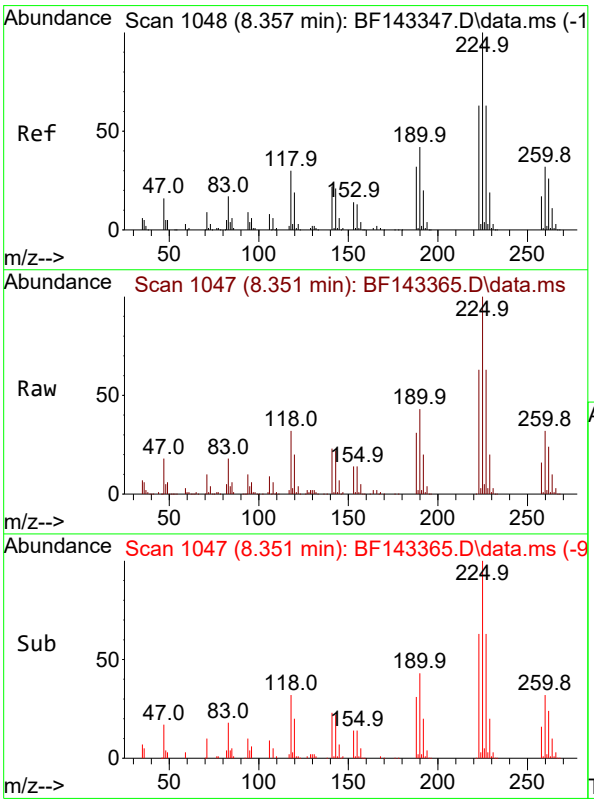
#33
4-Chloroaniline
Concen: 36.478 ng
RT: 8.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 373044

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	33.3	27.0	40.4
92	20.2	16.2	24.2

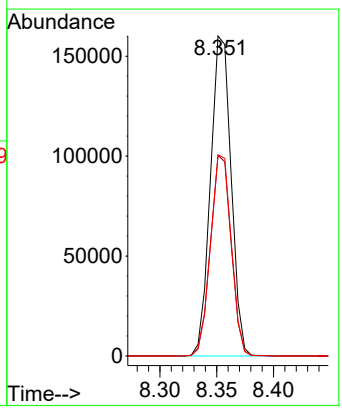


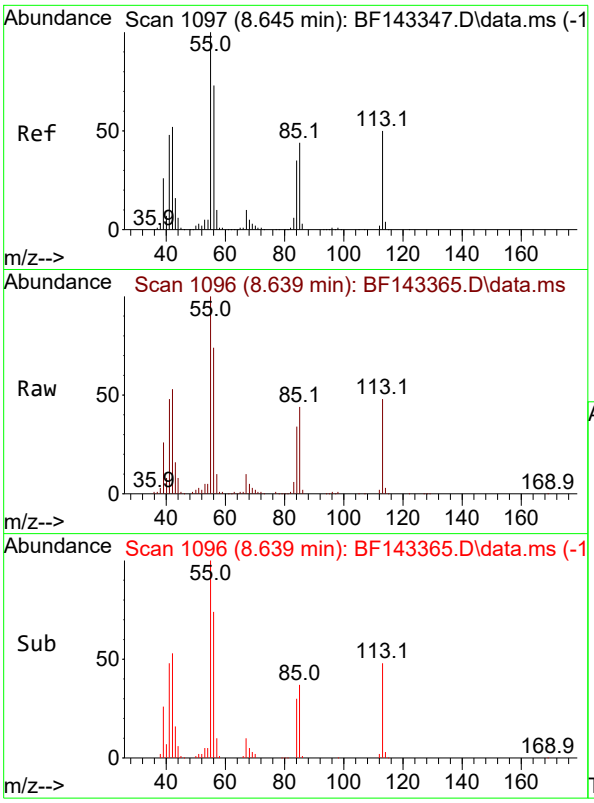


#34
Hexachlorobutadiene
Concen: 39.158 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:225 Resp: 202244

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	62.8	50.6	75.8



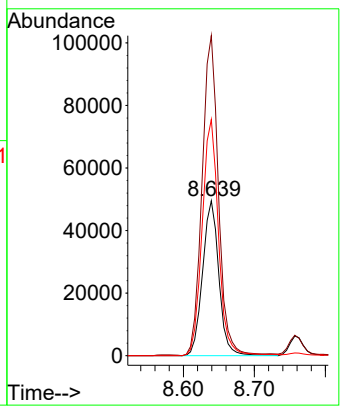


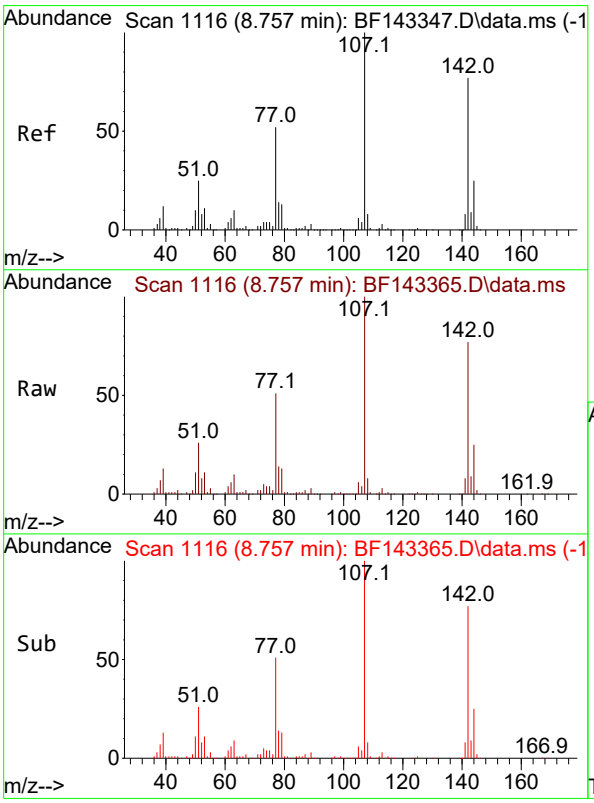
#35
Caprolactam
Concen: 35.661 ng
RT: 8.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 78907

Ion	Ratio	Lower	Upper
113	100		
55	206.6	181.4	221.4
56	152.5	127.3	167.3

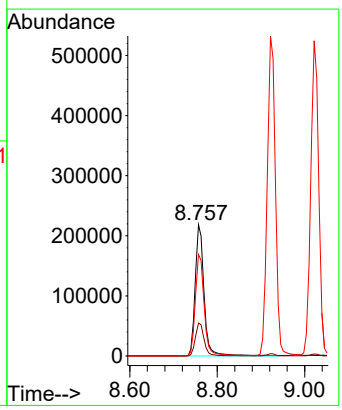


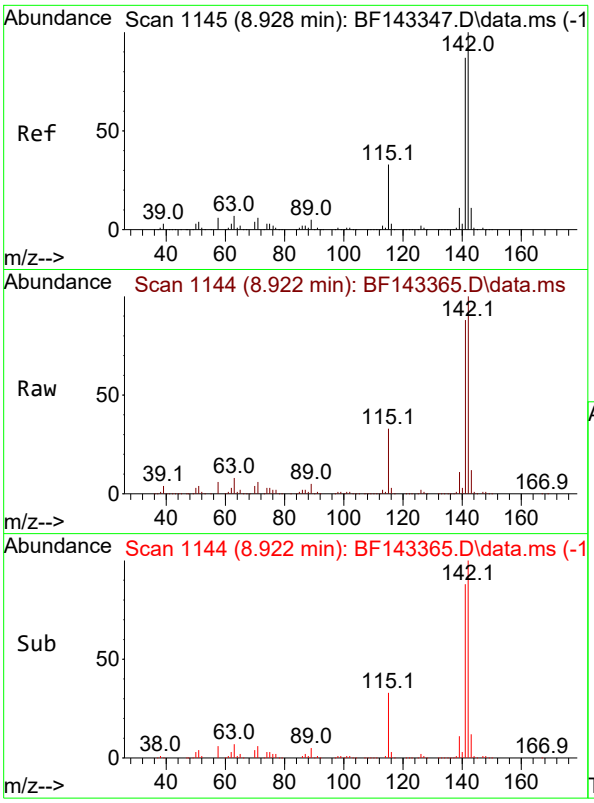


#36
4-Chloro-3-methylphenol
Concen: 37.312 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:107 Resp: 307883

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.0	30.0
142	77.3	61.3	91.9



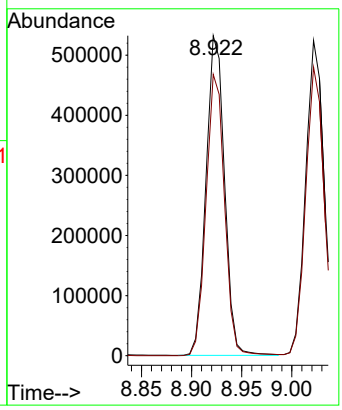


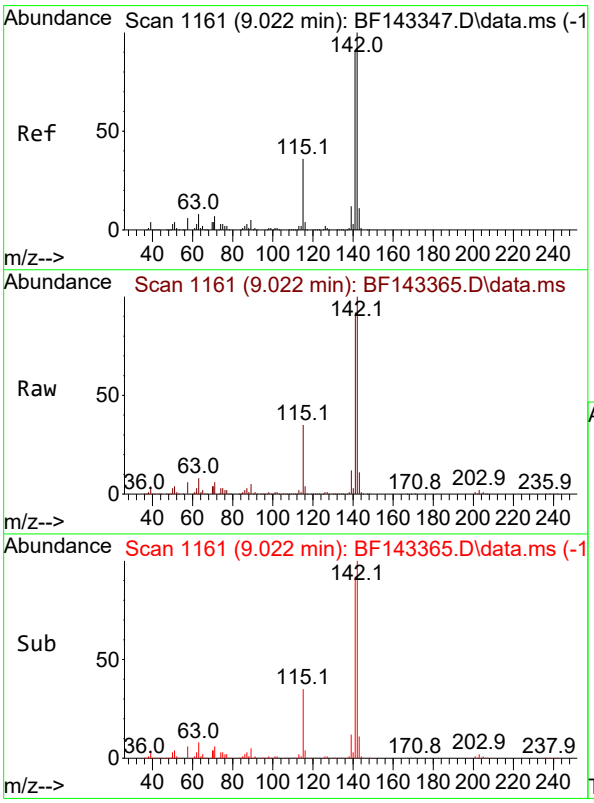
#37
2-Methylnaphthalene
Concen: 36.699 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 684082

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.8	104.8

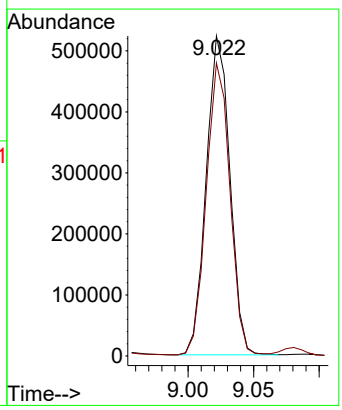


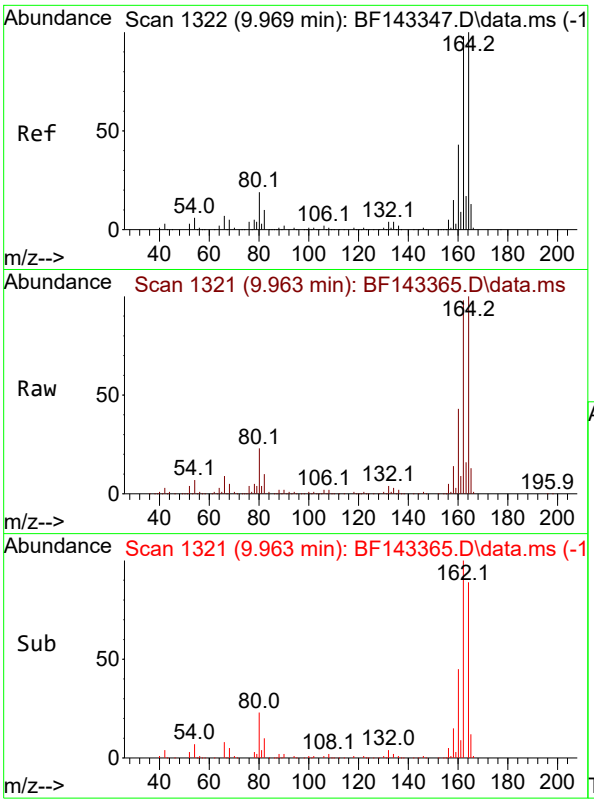


#38
1-Methylnaphthalene
Concen: 36.634 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:142 Resp: 657684

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.4



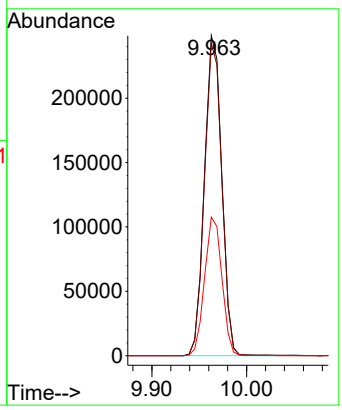


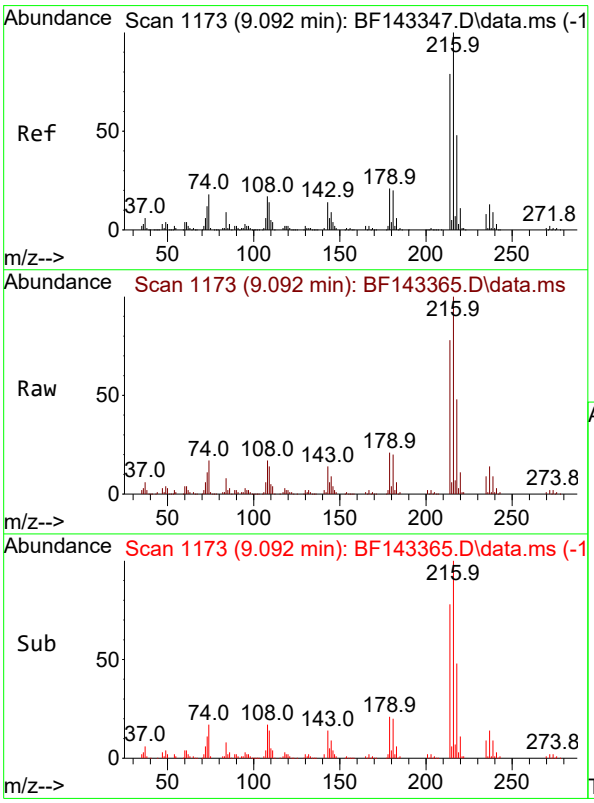
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 314886

Ion	Ratio	Lower	Upper
164	100		
162	97.7	78.6	118.0
160	43.3	34.4	51.6

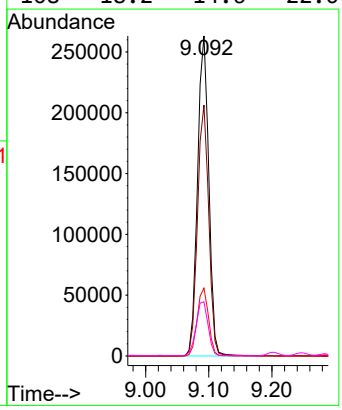


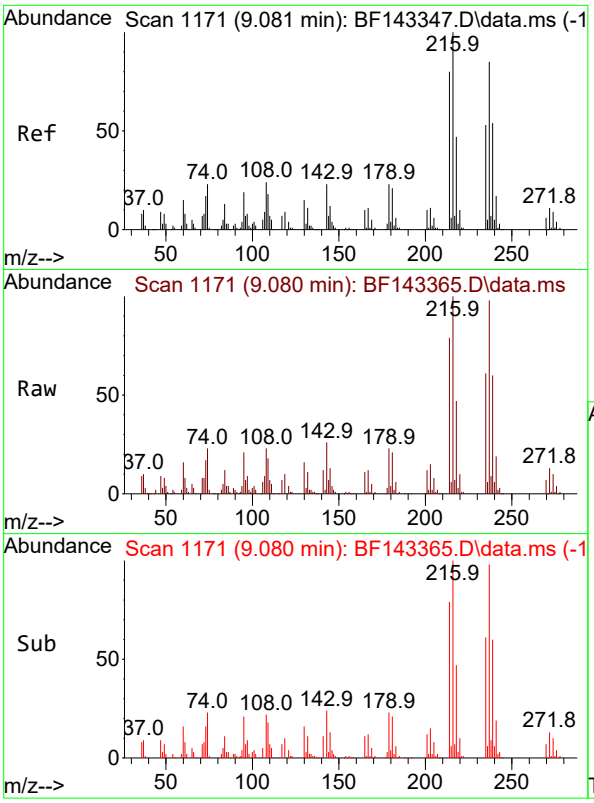


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.763 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:216 Resp: 325394

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.2	17.0	25.4
108	18.2	14.6	22.0



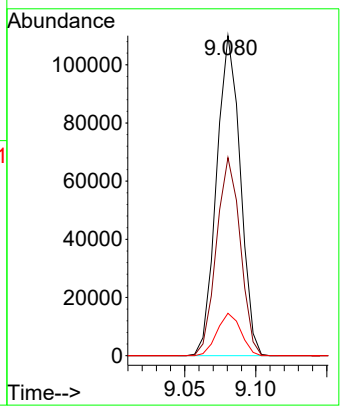


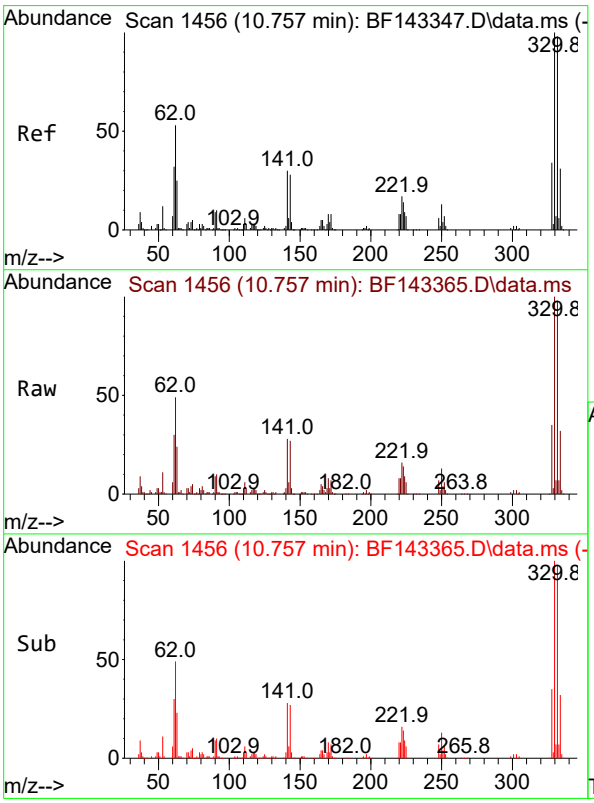
#41
Hexachlorocyclopentadiene
Concen: 45.170 ng
RT: 9.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 127734

Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.0	82.0
272	13.3	0.0	32.6

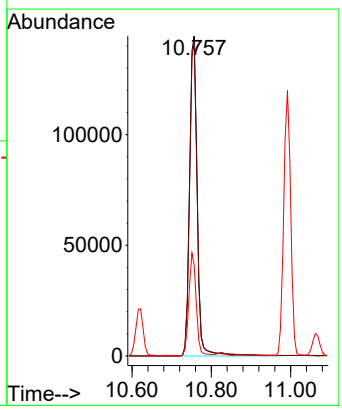


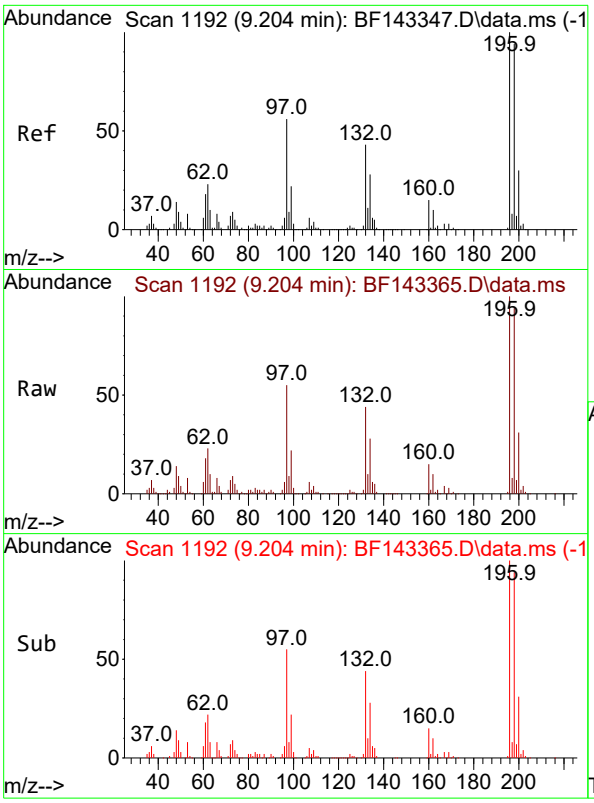


#42
2,4,6-Tribromophenol
Concen: 84.775 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:330 Resp: 195089

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	30.9	25.4	38.0



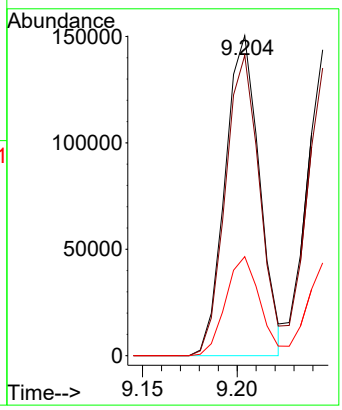


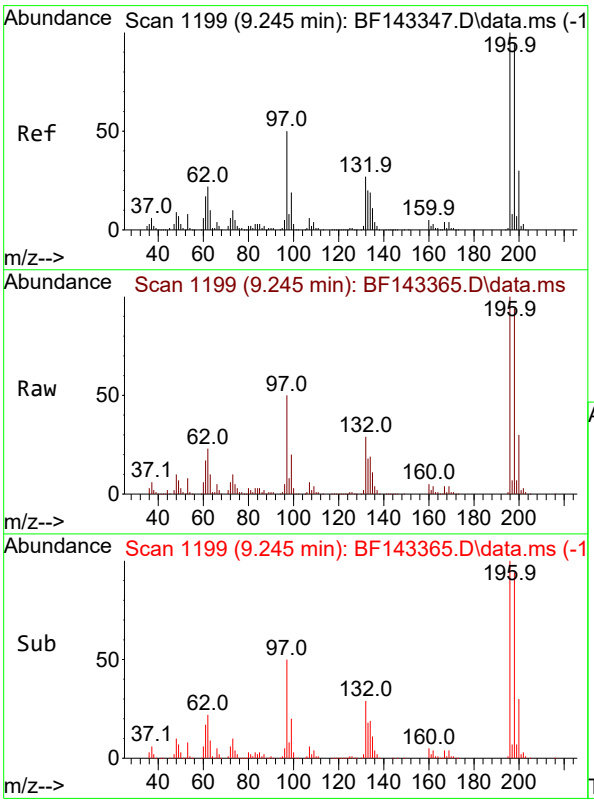
#43
2,4,6-Trichlorophenol
Concen: 38.847 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 189921

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.4	113.0
200	31.0	24.3	36.5

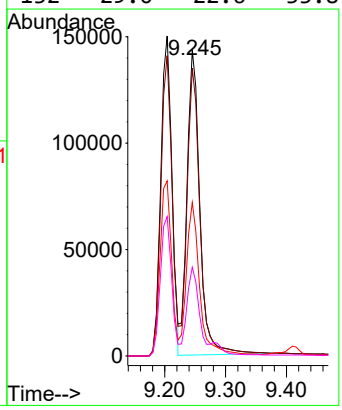


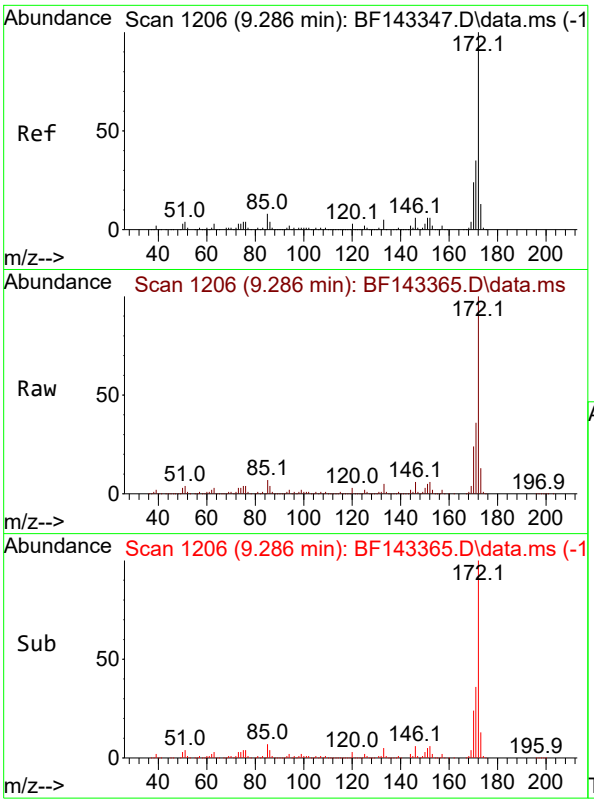


#44
2,4,5-Trichlorophenol
Concen: 38.112 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:196 Resp: 210414

Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.4	113.2
97	50.2	39.9	59.9
132	29.0	22.6	33.8



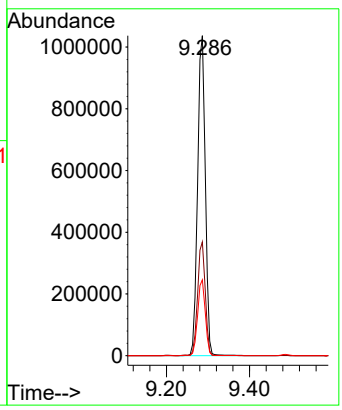


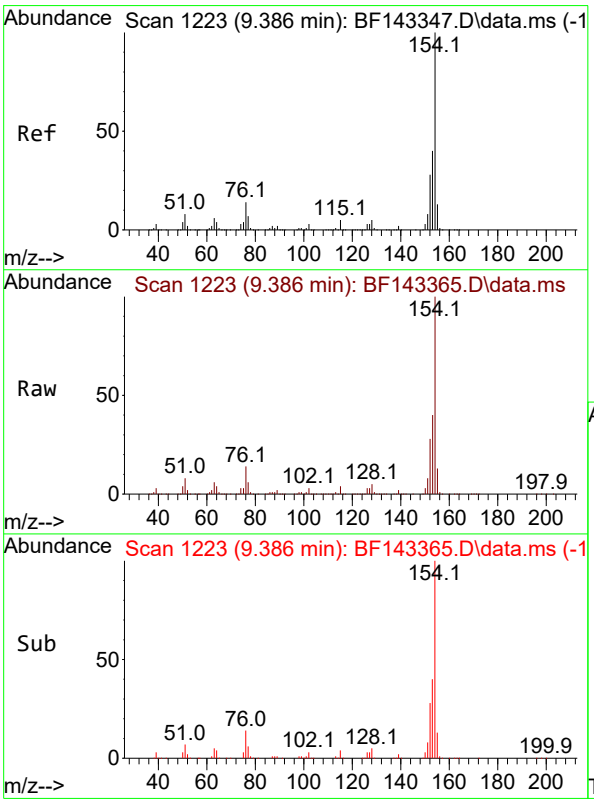
#45
2-Fluorobiphenyl
Concen: 72.088 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1338604

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.7	19.1	28.7

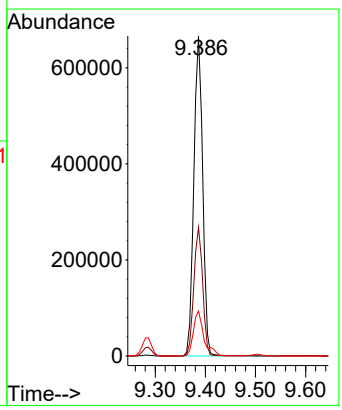


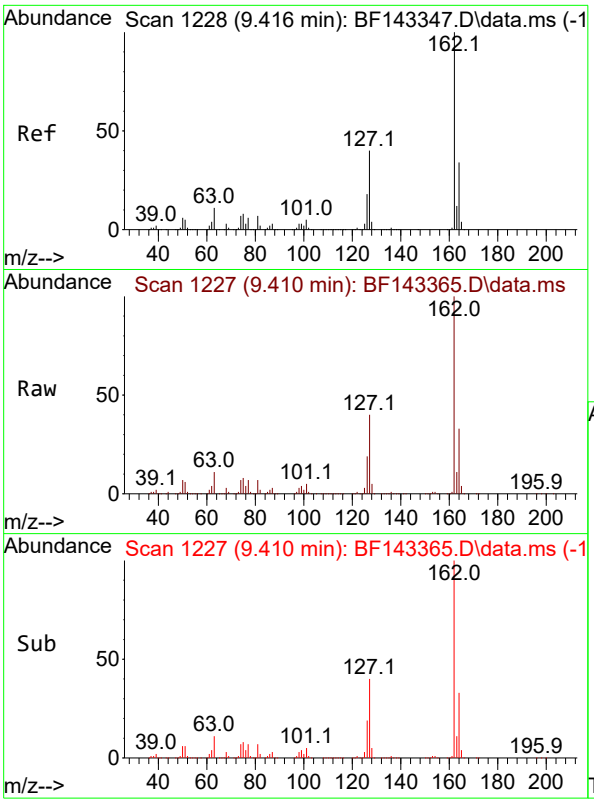


#46
1,1'-Biphenyl
Concen: 36.625 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:154 Resp: 815422

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	14.0	0.0	34.4



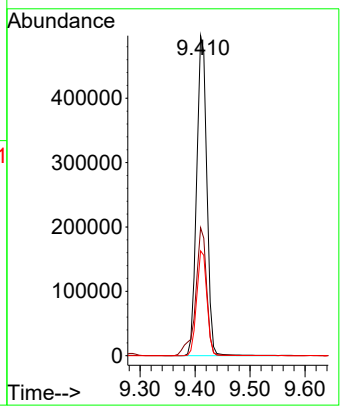


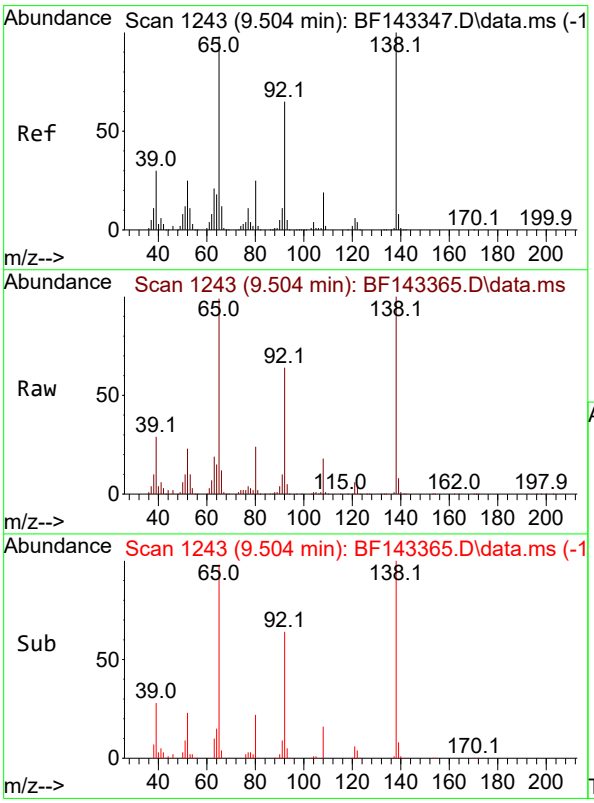
#47
2-Chloronaphthalene
Concen: 36.637 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 642420

Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.1	48.1
164	32.7	27.0	40.4

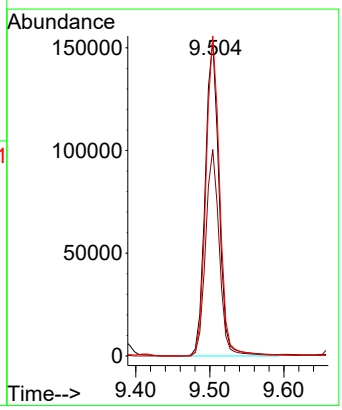


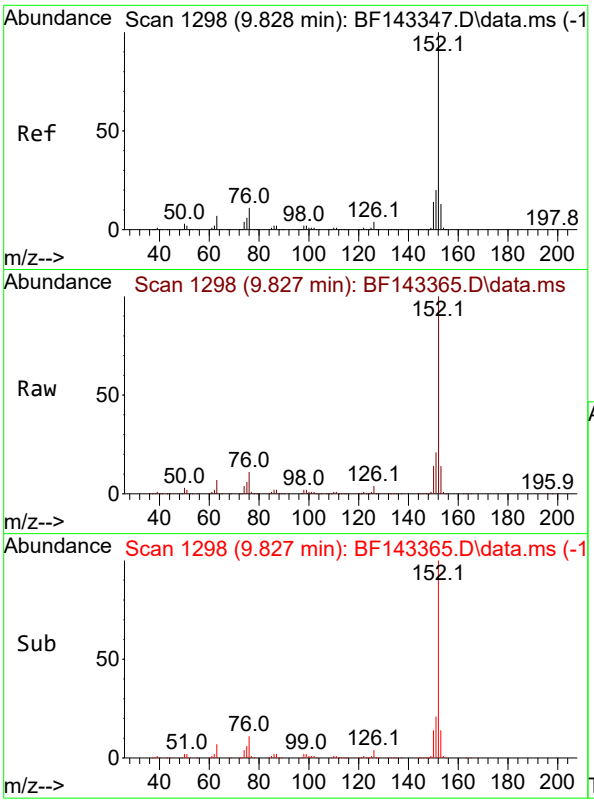


#48
2-Nitroaniline
Concen: 39.994 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 65 Resp: 199781

Ion	Ratio	Lower	Upper
65	100		
92	65.4	53.1	79.7
138	101.3	81.4	122.0



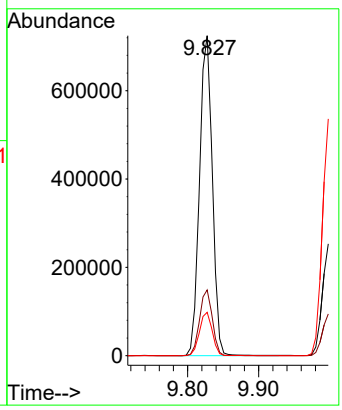


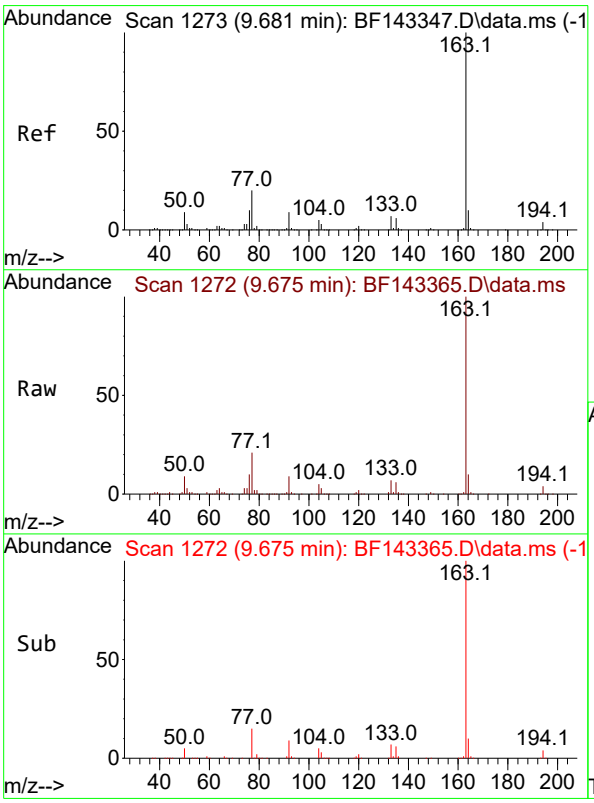
#49
Acenaphthylene
Concen: 36.019 ng
RT: 9.827 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 912085

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.6	10.6	16.0

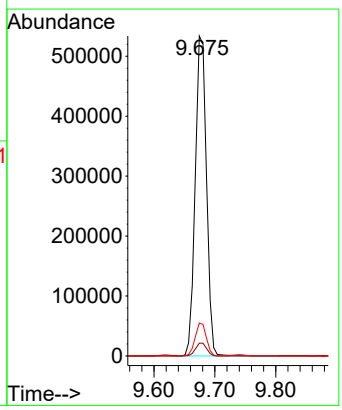


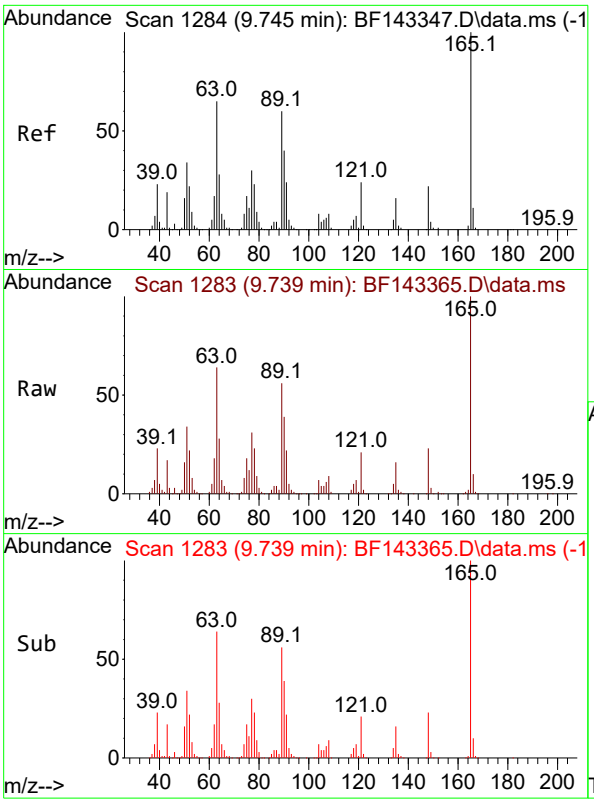


#50
Dimethylphthalate
Concen: 37.229 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:163 Resp: 684989

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.2	12.2



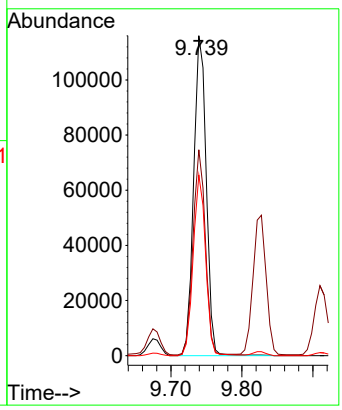


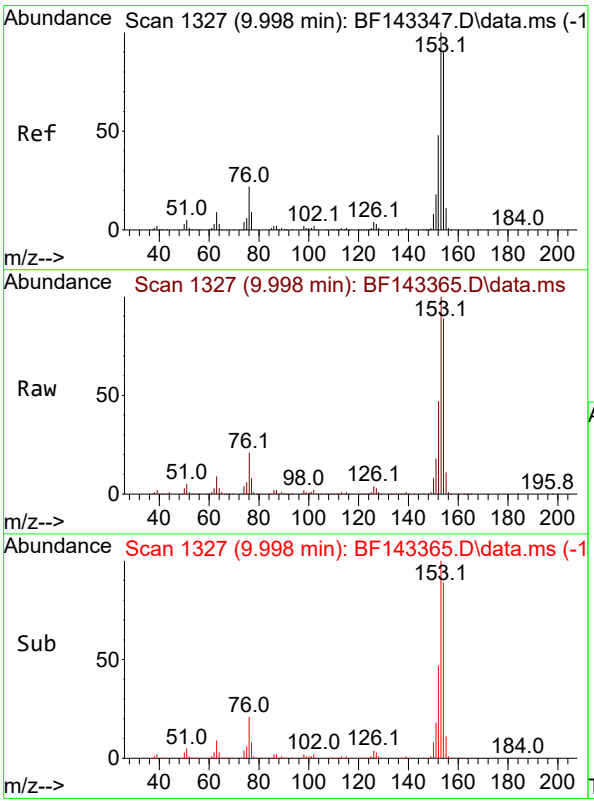
#51
2,6-Dinitrotoluene
Concen: 41.532 ng
RT: 9.739 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 143121

Ion	Ratio	Lower	Upper
165	100		
63	64.3	51.6	77.4
89	56.4	47.7	71.5

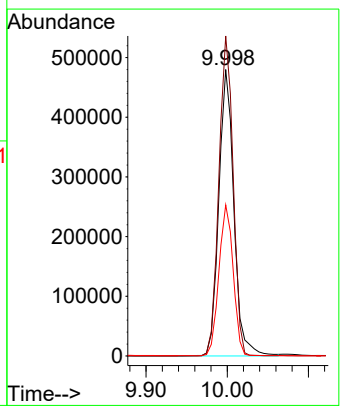


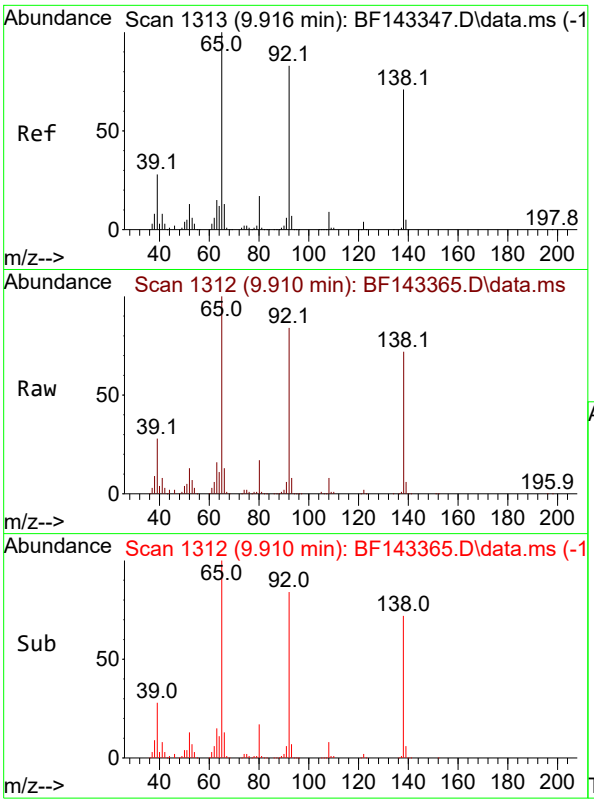


#52
Acenaphthene
Concen: 36.969 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:154 Resp: 622352

Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.5	132.7
152	52.8	42.4	63.6



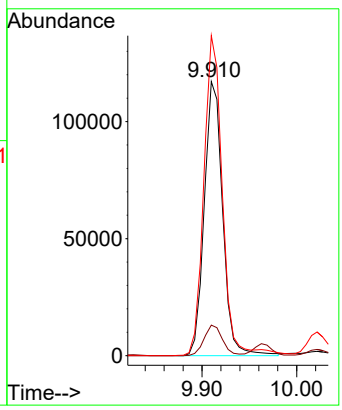


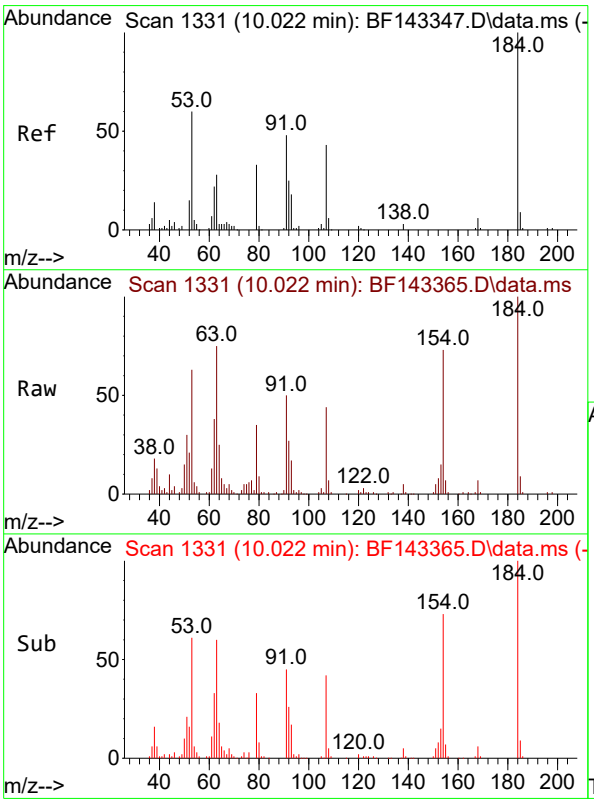
#53
3-Nitroaniline
Concen: 41.943 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 158044

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.6	14.4
92	116.8	93.4	140.2

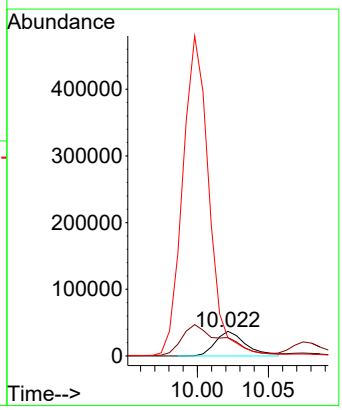


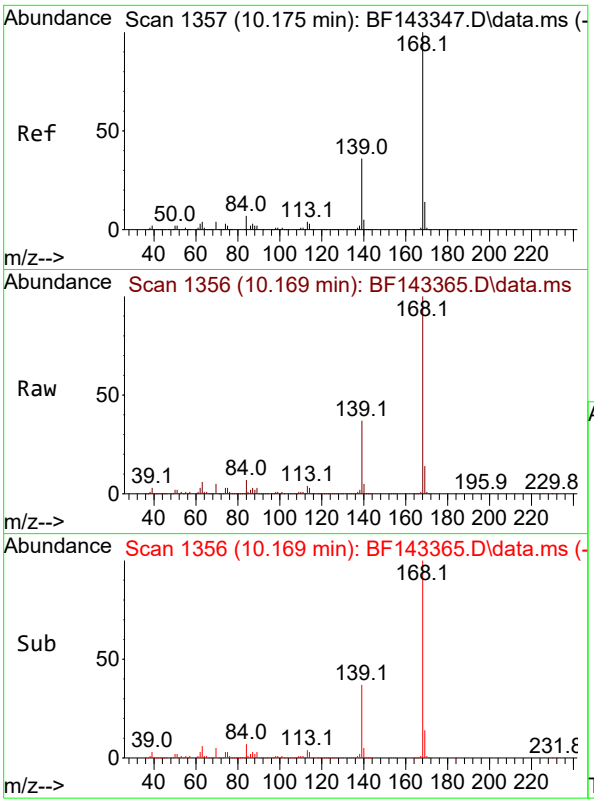


#54
2,4-Dinitrophenol
Concen: 47.847 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:184 Resp: 54988

Ion	Ratio	Lower	Upper
184	100		
63	75.2	62.5	93.7
154	73.0	73.0	109.4



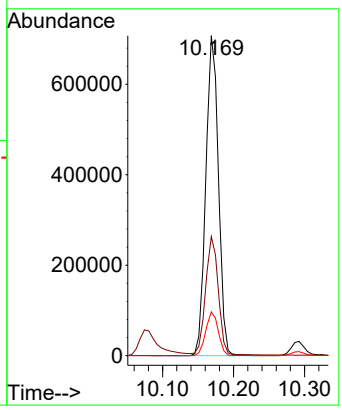


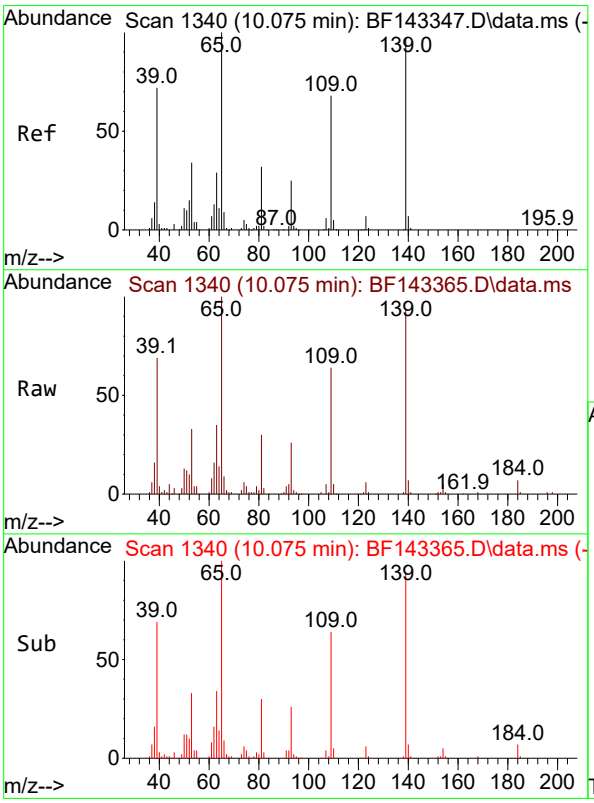
#55
Dibenzofuran
Concen: 36.166 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 876245

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.4	44.0
169	13.7	11.0	16.6

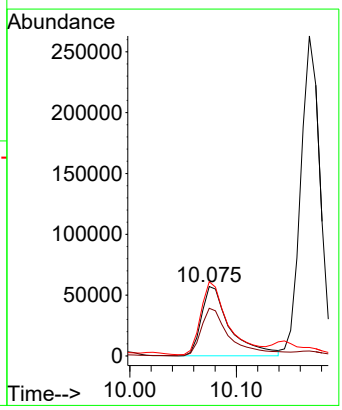


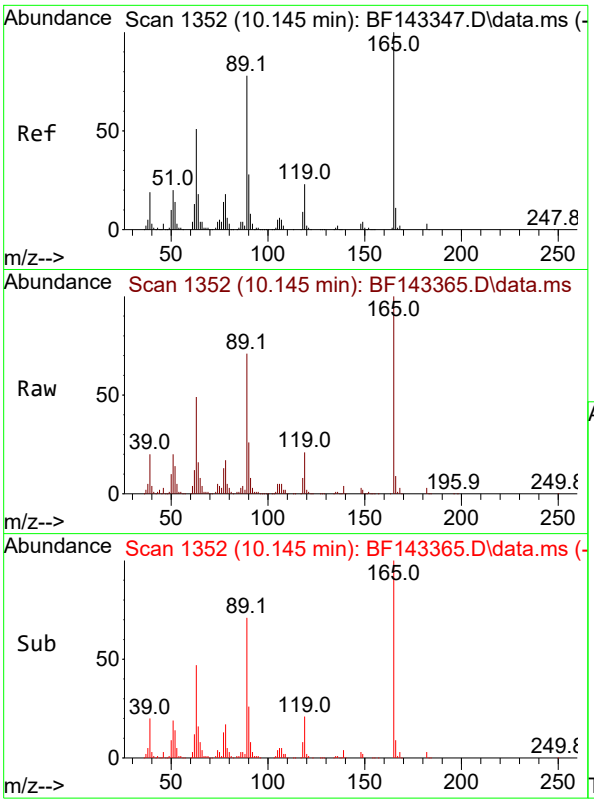


#56
4-Nitrophenol
Concen: 38.411 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:139 Resp: 106466

Ion	Ratio	Lower	Upper
139	100		
109	68.7	49.4	89.4
65	107.1	83.7	123.7



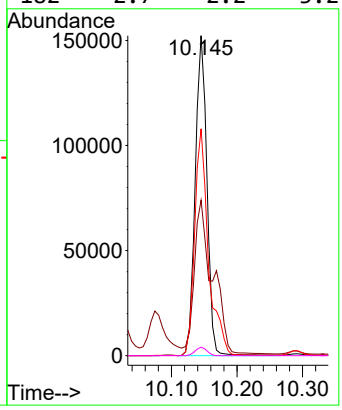


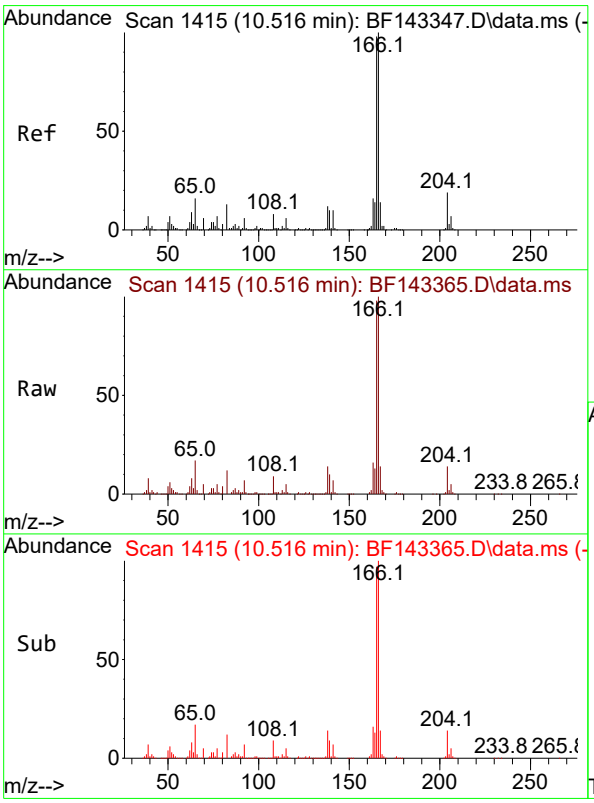
#57
2,4-Dinitrotoluene
Concen: 41.474 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 189595

Ion	Ratio	Lower	Upper
165	100		
63	48.6	41.8	62.8
89	70.9	62.4	93.6
182	2.7	2.2	3.2

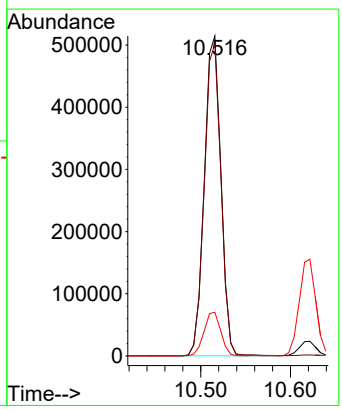


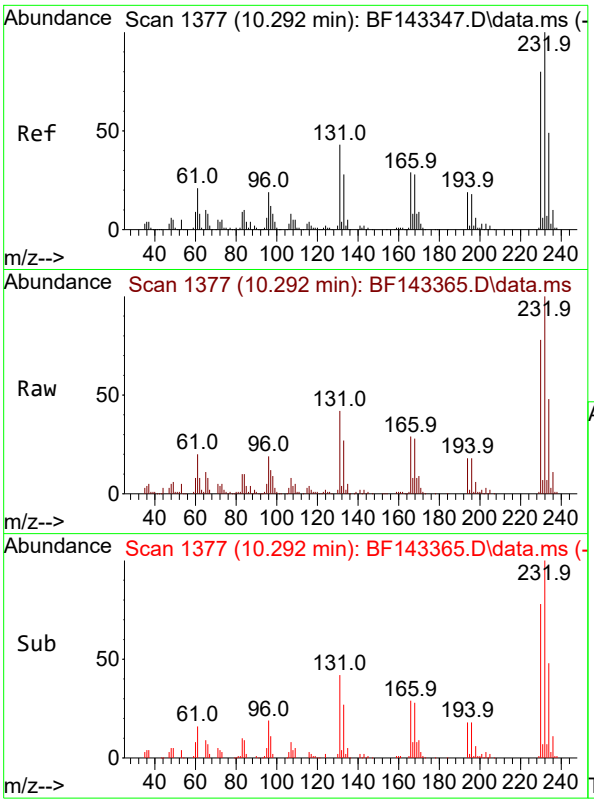


#58
Fluorene
Concen: 35.714 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:166 Resp: 660928

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.4
167	13.7	10.9	16.3



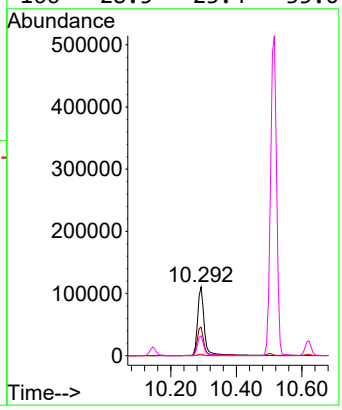


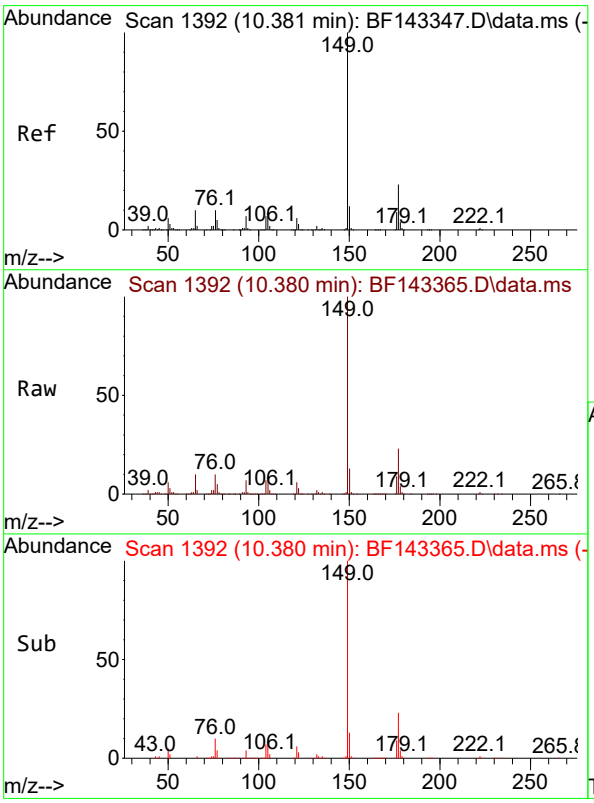
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.436 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 157931

Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.6	51.8
130	2.0	1.7	2.5
166	28.5	23.4	35.0

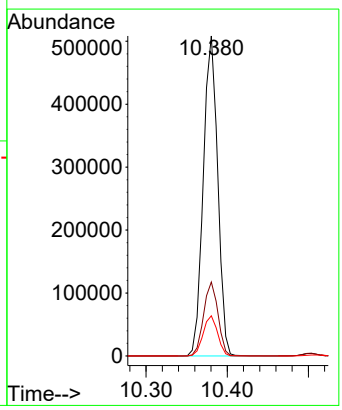


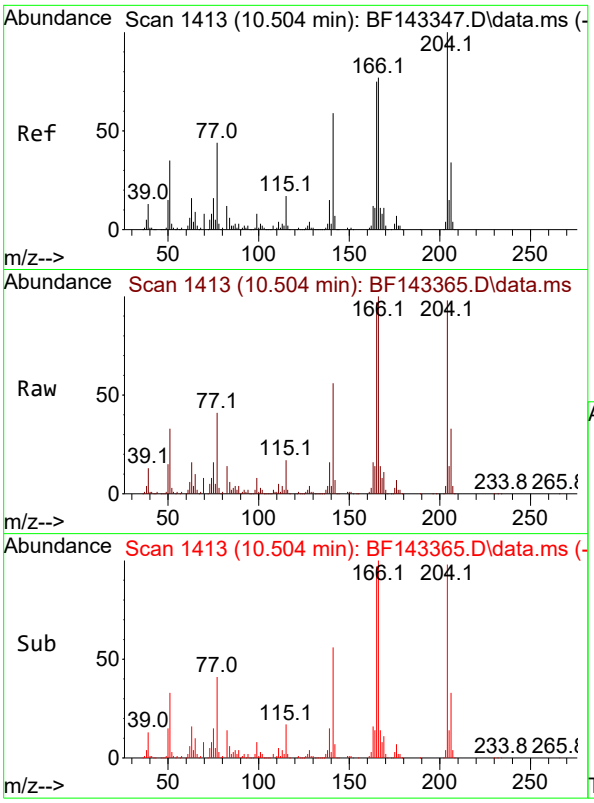


#60
Diethylphthalate
Concen: 38.014 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:149 Resp: 626496

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.2	27.2
150	12.5	9.9	14.9



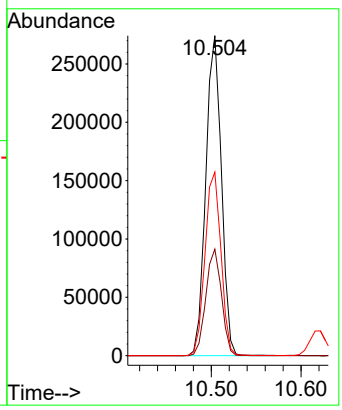


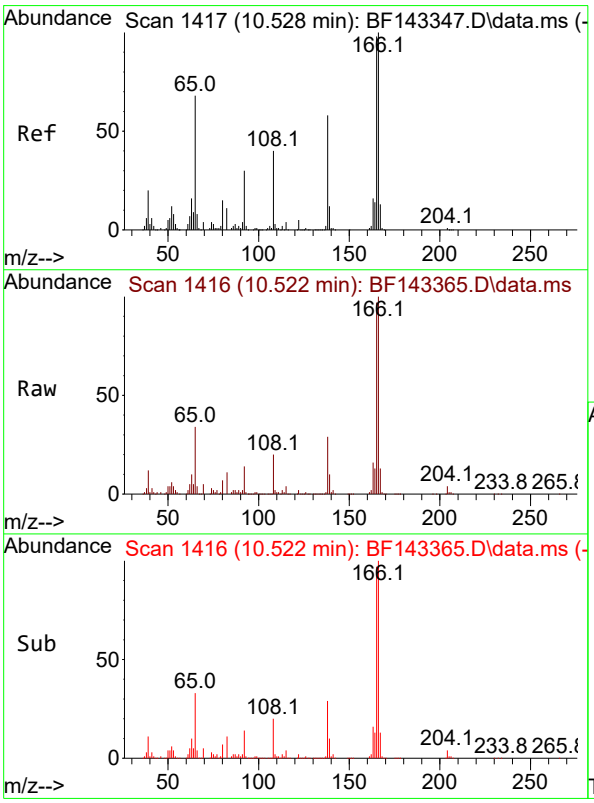
#61
4-Chlorophenyl-phenylether
Concen: 37.027 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 331103

Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.4	41.2
141	57.3	46.9	70.3

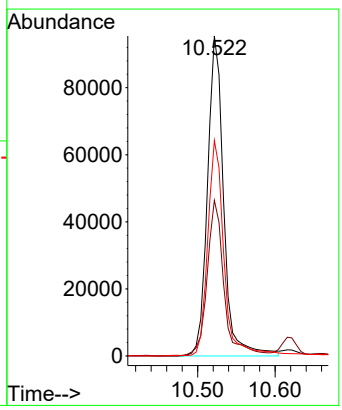


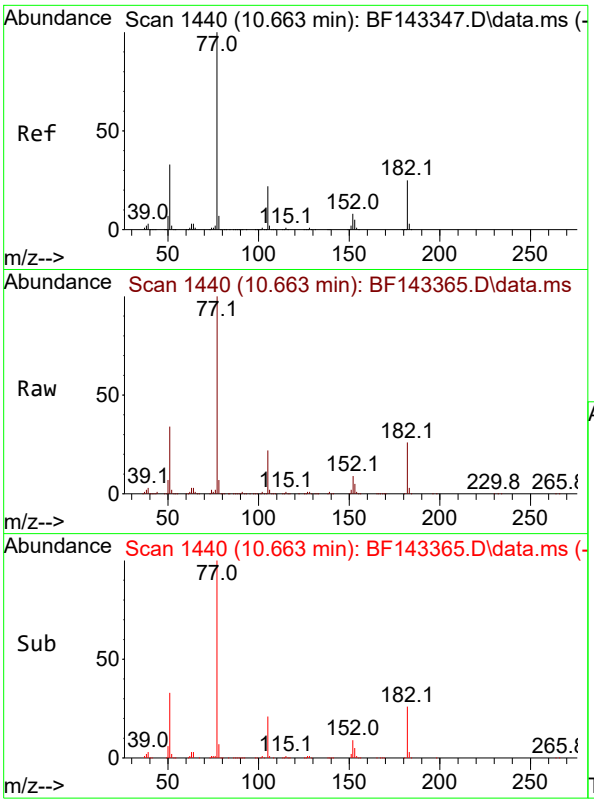


#62
4-Nitroaniline
Concen: 37.977 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:138 Resp: 138449

Ion	Ratio	Lower	Upper
138	100		
92	48.7	31.2	71.2
108	67.3	48.1	88.1



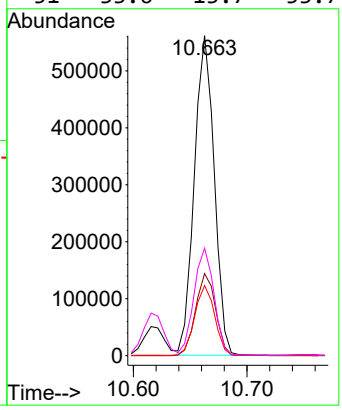


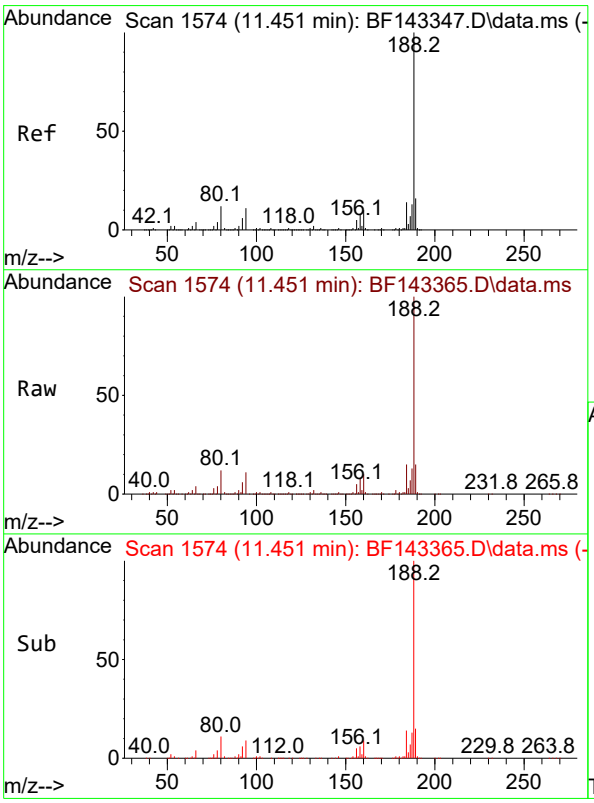
#63
Azobenzene
Concen: 36.252 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 682418

Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.4	44.4
105	21.9	1.8	41.8
51	33.6	13.7	53.7

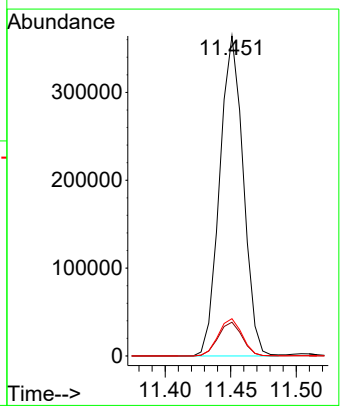


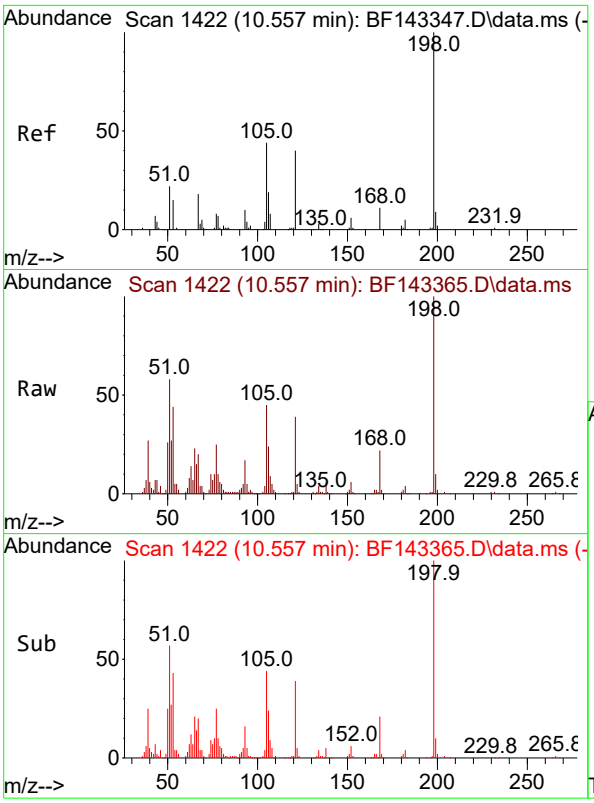


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:188 Resp: 455320

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.8	13.2
80	11.7	9.7	14.5



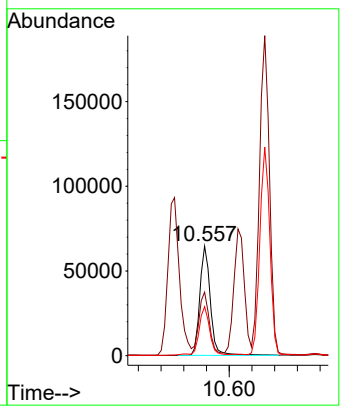


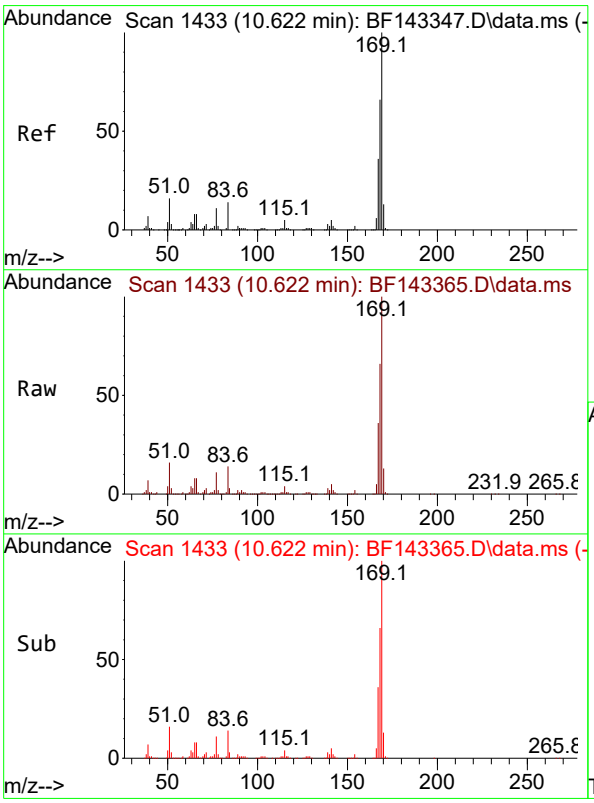
#65
4,6-Dinitro-2-methylphenol
Concen: 45.753 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 83546

Ion	Ratio	Lower	Upper
198	100		
51	57.9	41.7	81.7
105	44.7	26.8	66.8

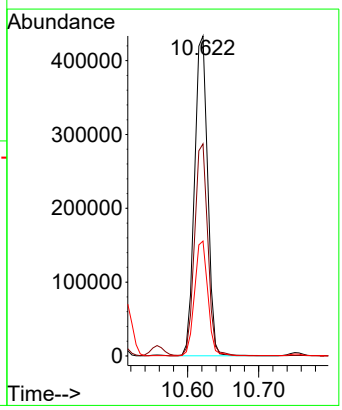


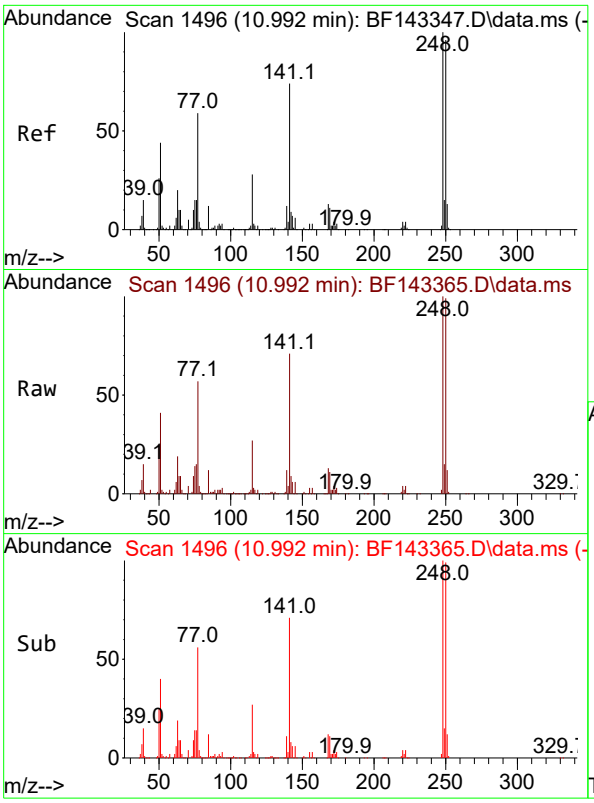


#66
n-Nitrosodiphenylamine
Concen: 37.268 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:169 Resp: 558749

Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.7	79.1
167	35.9	28.6	42.8



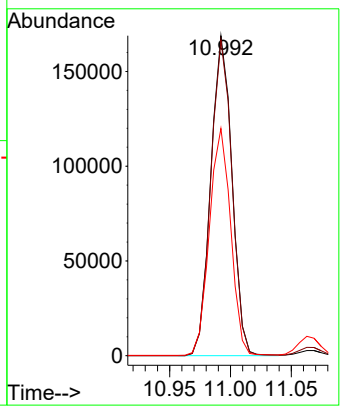


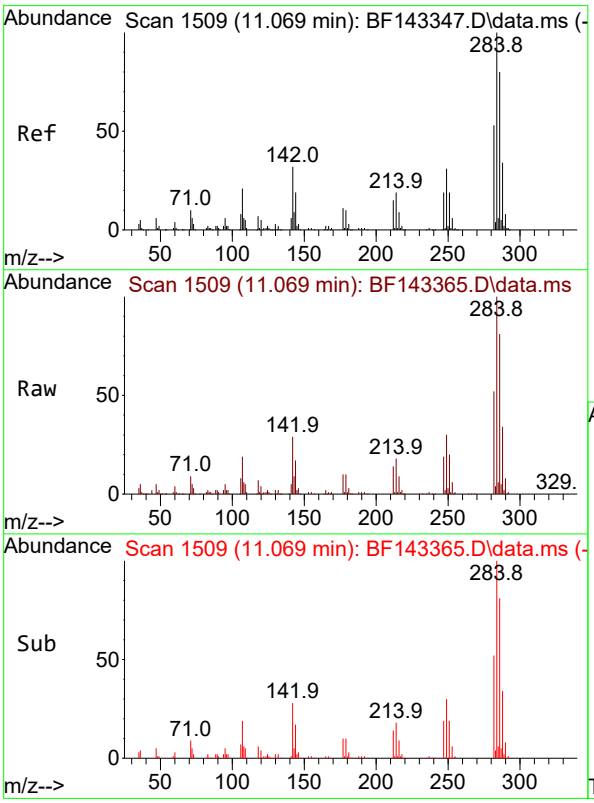
#67
4-Bromophenyl-phenylether
Concen: 39.268 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 204482

Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.1	115.7
141	71.0	59.1	88.7

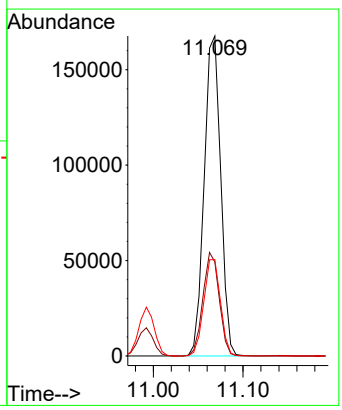


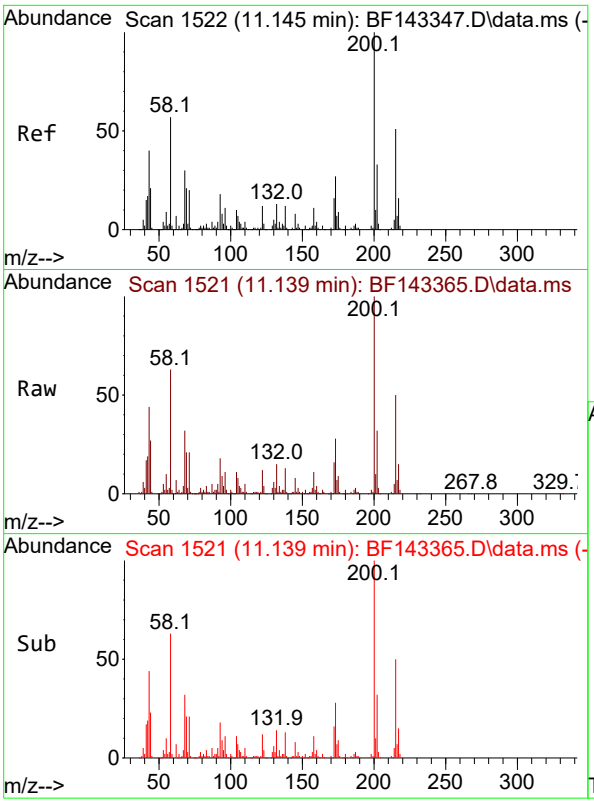


#68
Hexachlorobenzene
Concen: 38.169 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:284 Resp: 214247

Ion	Ratio	Lower	Upper
284	100		
142	29.4	25.7	38.5
249	30.1	24.6	37.0



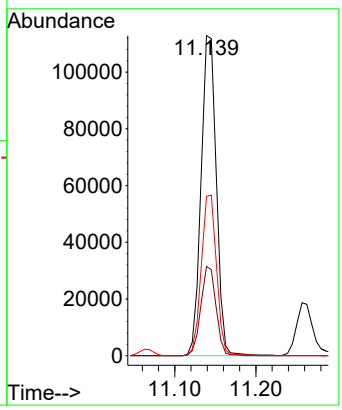


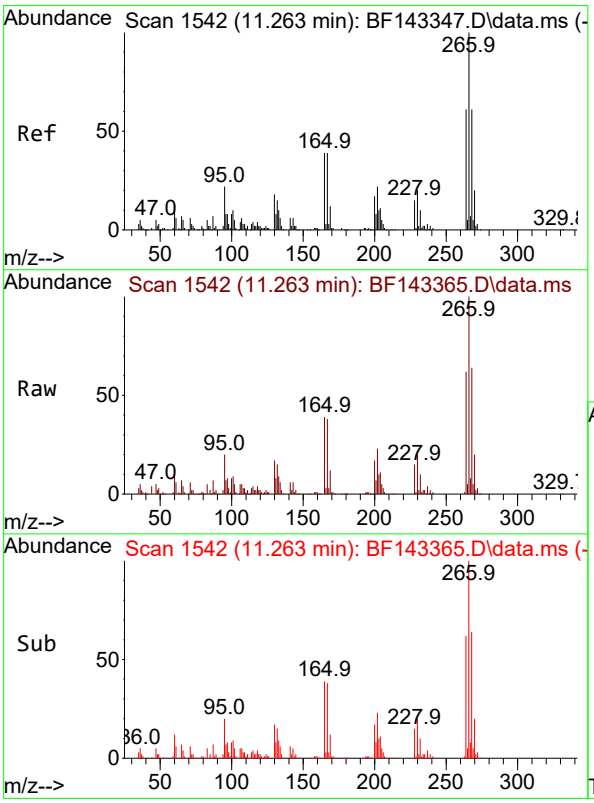
#69
Atrazine
Concen: 37.642 ng
RT: 11.139 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 147197

Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.6	46.6
215	49.8	30.6	70.6

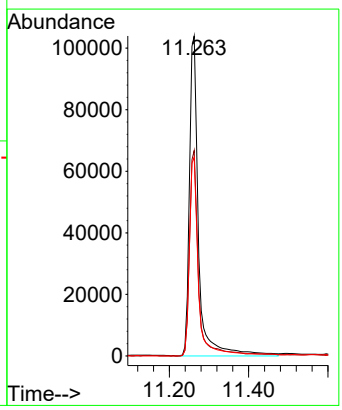


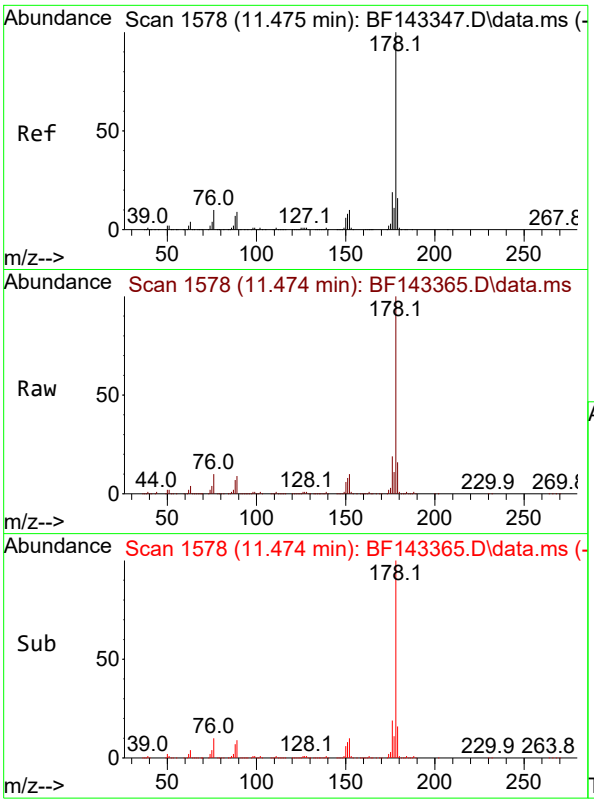


#70
Pentachlorophenol
Concen: 62.487 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:266 Resp: 167836

Ion	Ratio	Lower	Upper
266	100		
268	64.2	48.8	73.2
264	62.1	48.8	73.2



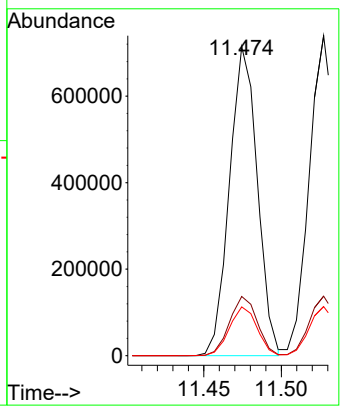


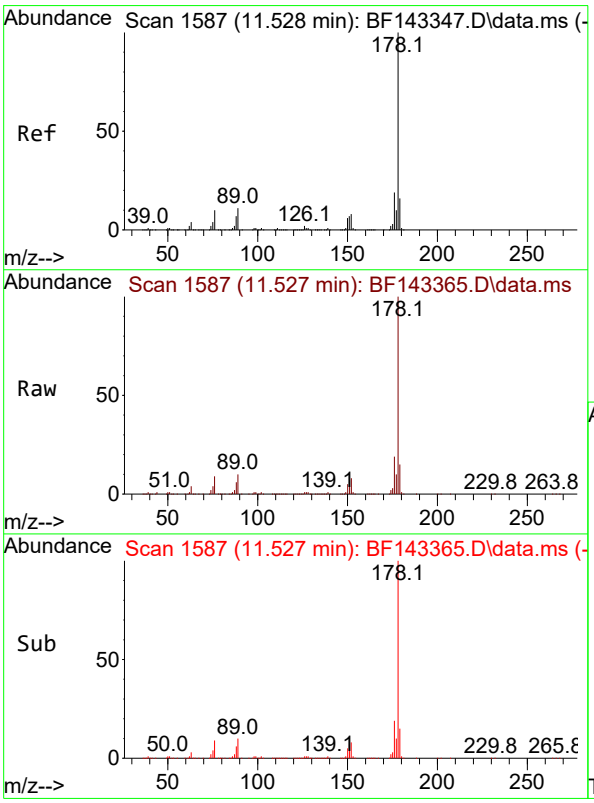
#71
Phenanthrene
Concen: 35.951 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 893088

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.8	12.5	18.7

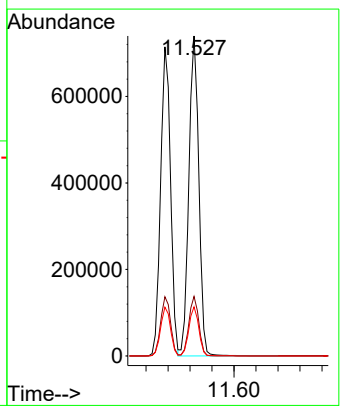


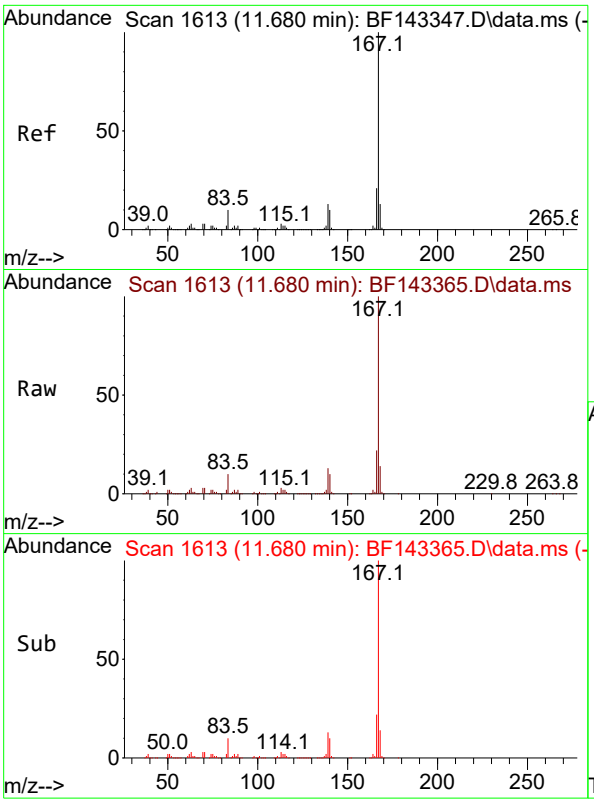


#72
Anthracene
Concen: 36.793 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:178 Resp: 926945

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.4	12.7	19.1



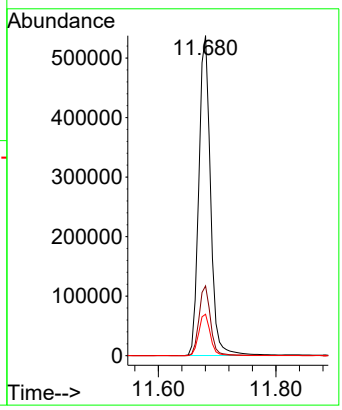


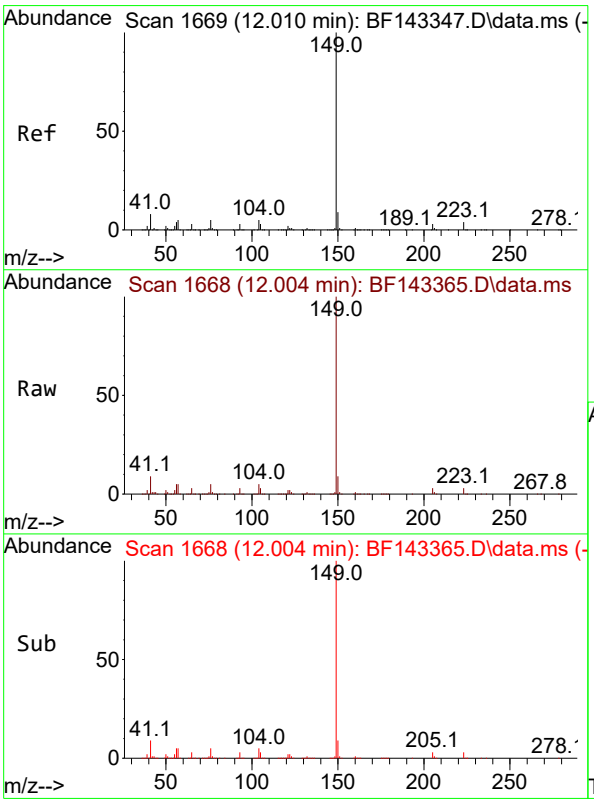
#73
Carbazole
Concen: 34.473 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 739655

Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.8	25.2
139	13.0	10.2	15.2

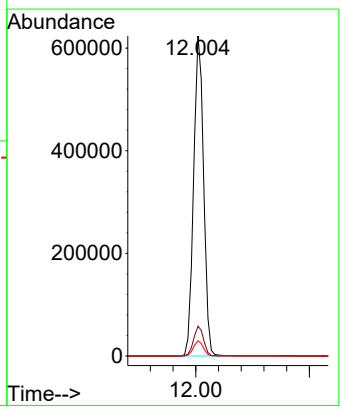


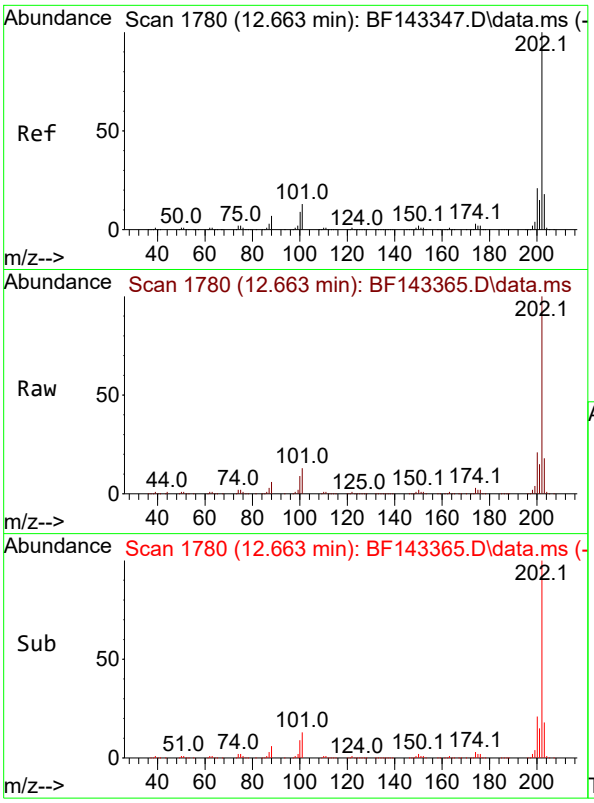


#74
Di-n-butylphthalate
Concen: 42.222 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:149 Resp: 766597

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.7	3.8	5.8



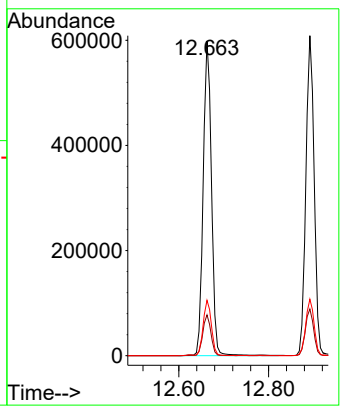


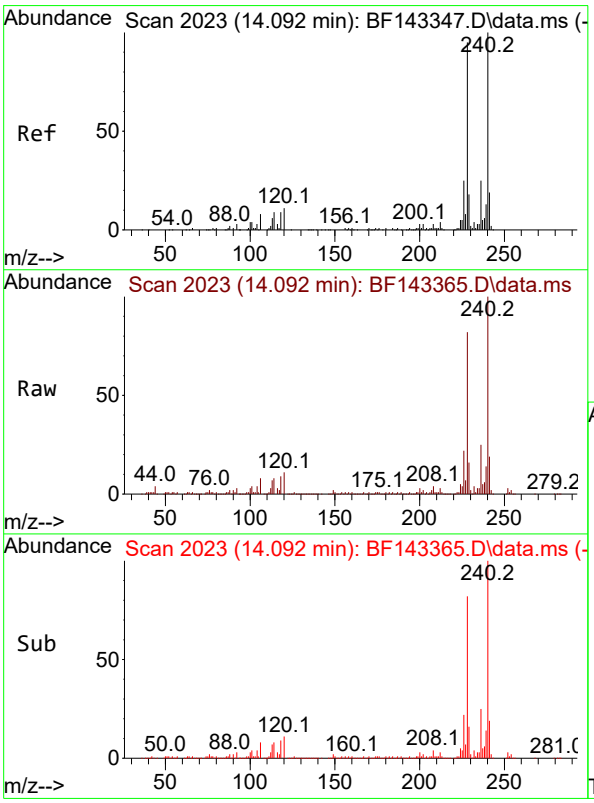
#75
Fluoranthene
Concen: 35.308 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 768327

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.6	0.0	37.6

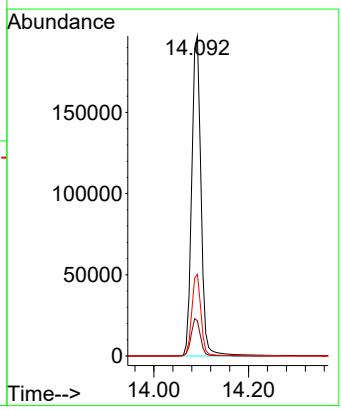


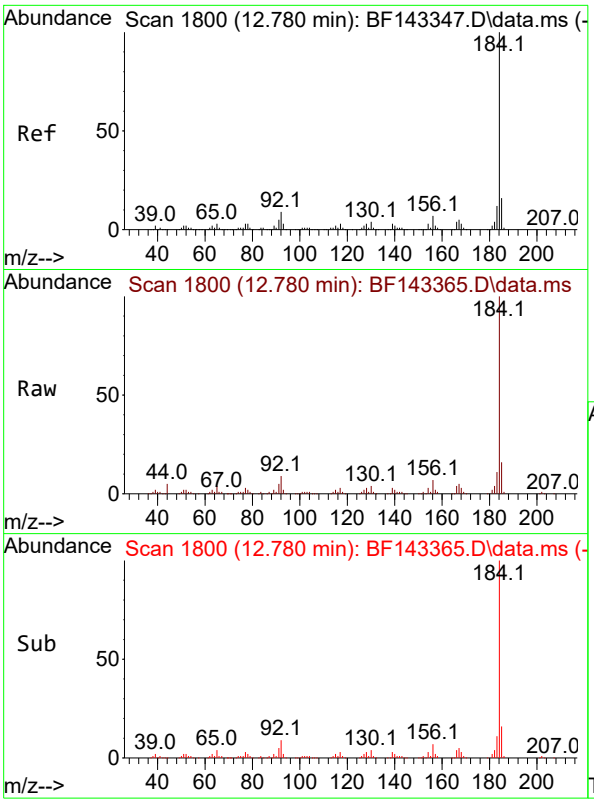


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:240 Resp: 268507

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.6
236	25.5	19.9	29.9



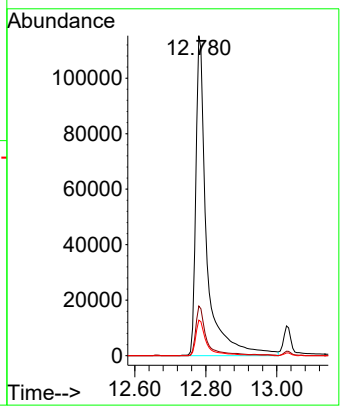


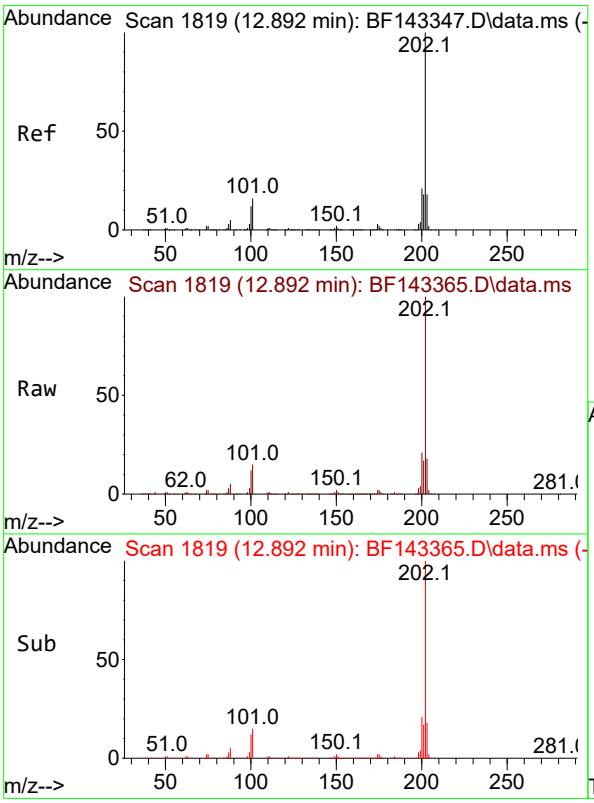
#77
Benzidine
Concen: 33.832 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 248352

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.8	19.2
183	11.1	9.3	13.9

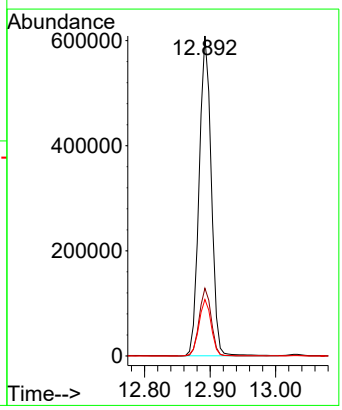


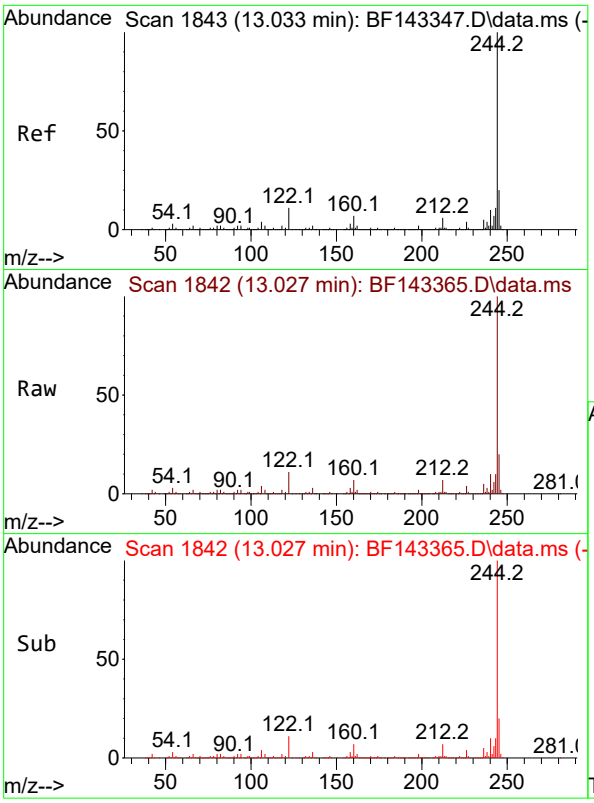


#78
Pyrene
Concen: 34.808 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:202 Resp: 784051

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.7	14.2	21.4



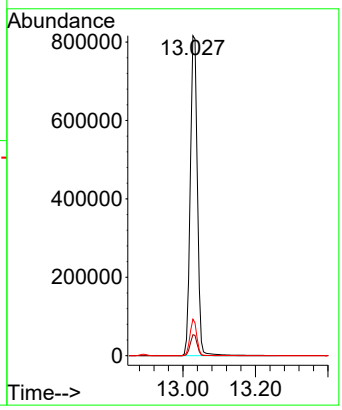


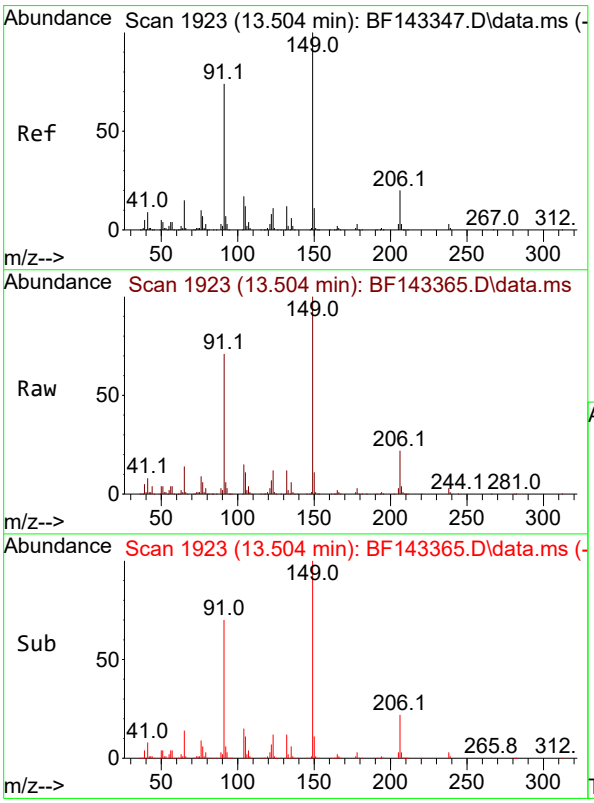
#79
Terphenyl-d14
Concen: 73.795 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1109838

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.1	7.7
122	11.4	8.9	13.3

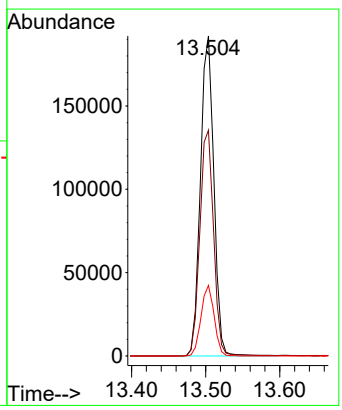


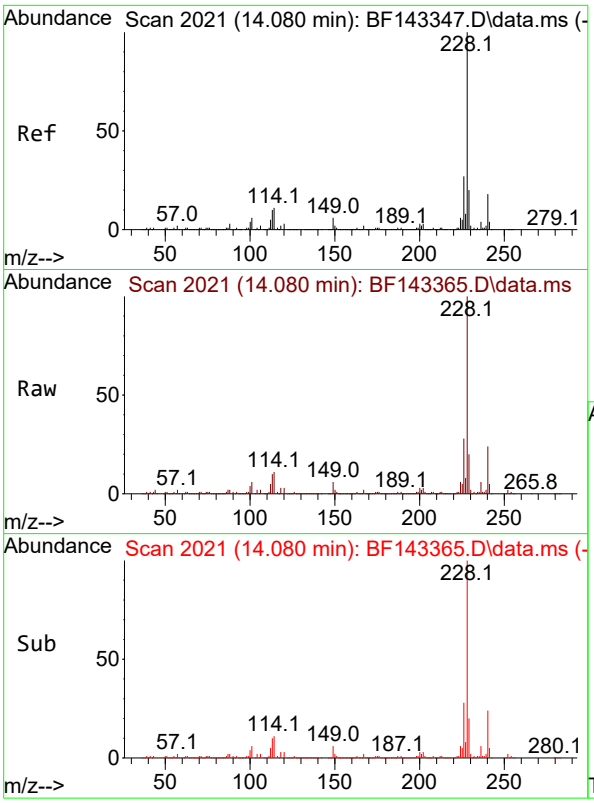


#80
Butylbenzylphthalate
Concen: 53.869 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:149 Resp: 241746

Ion	Ratio	Lower	Upper
149	100		
91	70.6	58.8	88.2
206	22.1	16.4	24.6



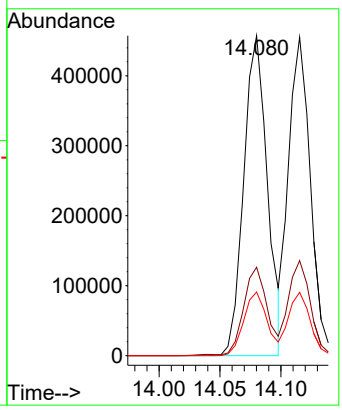


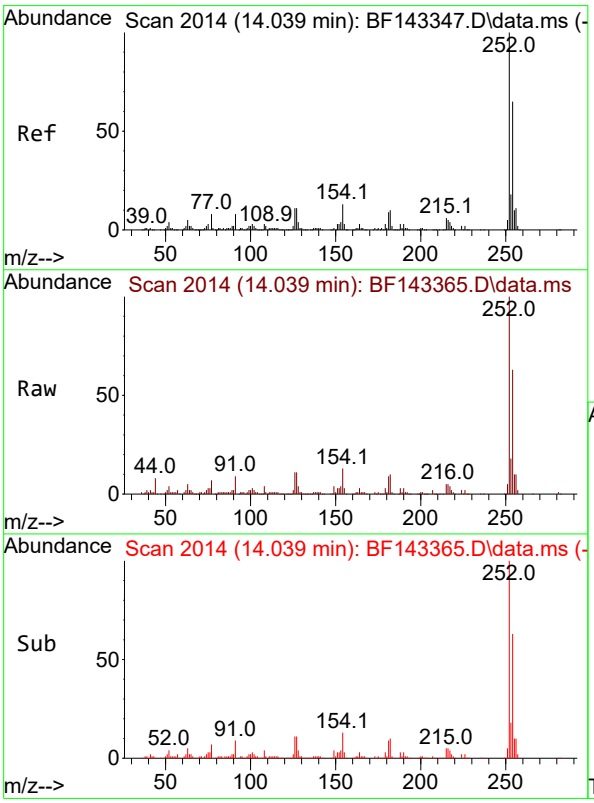
#81
Benzo(a)anthracene
Concen: 36.260 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 618813

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.9	15.8	23.8

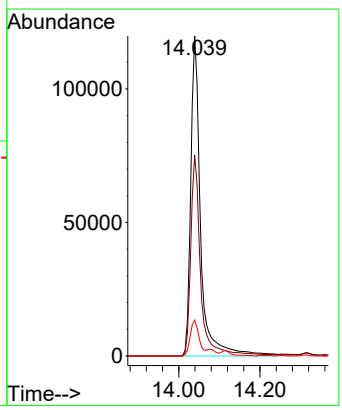


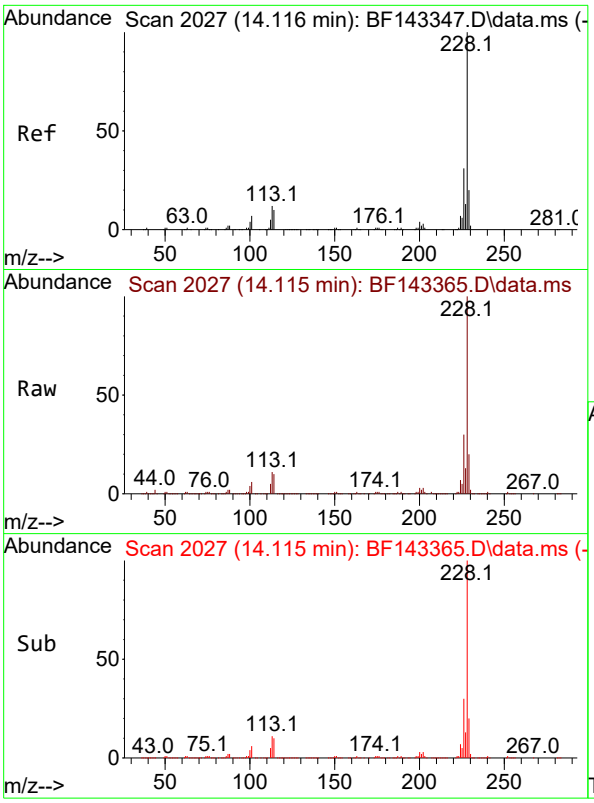


#82
3,3'-Dichlorobenzidine
Concen: 44.084 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:252 Resp: 203149

Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.7	77.5
126	11.2	9.2	13.8



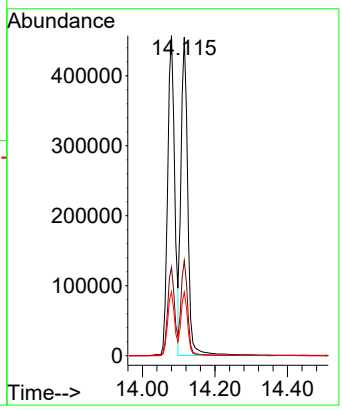


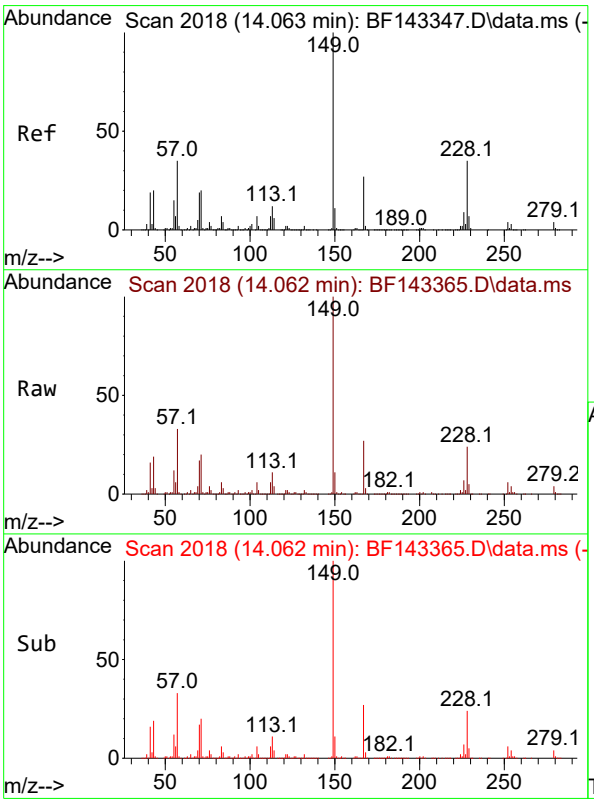
#83
Chrysene
Concen: 37.266 ng
RT: 14.115 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 593023

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.9	15.8	23.6

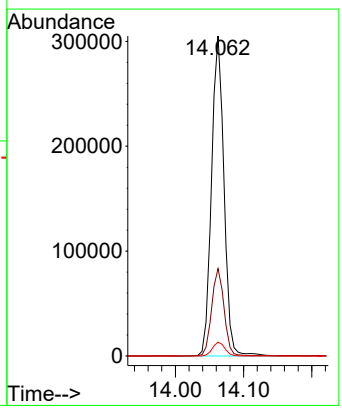


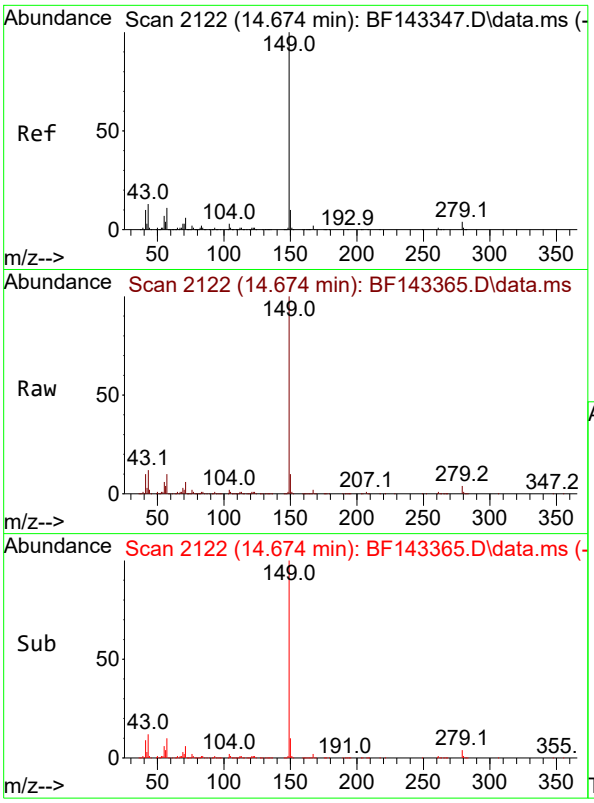


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.318 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.001 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:149 Resp: 387949

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.4	32.0
279	4.3	3.2	4.8



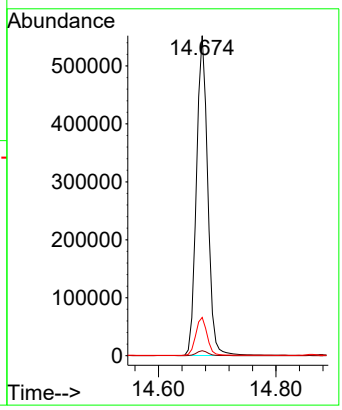


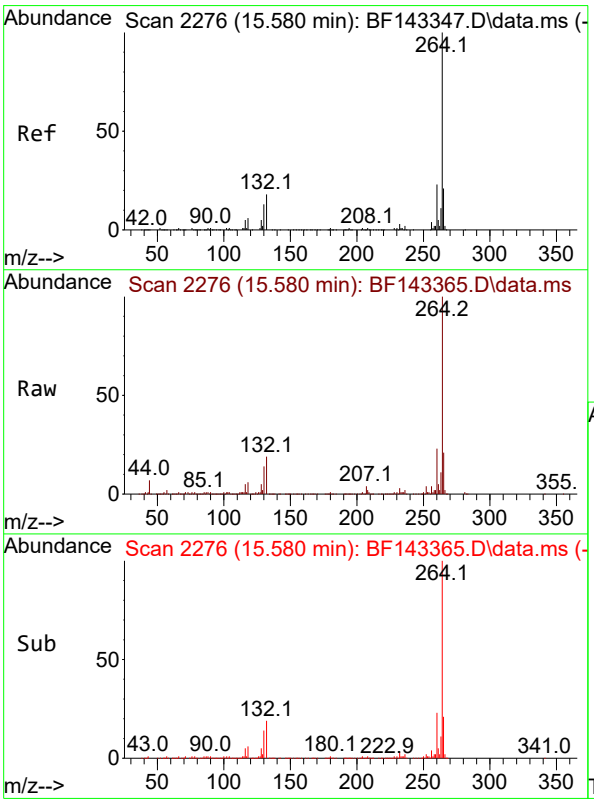
#85
Di-n-octyl phthalate
Concen: 55.364 ng
RT: 14.674 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 735485

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.2	10.8	16.2

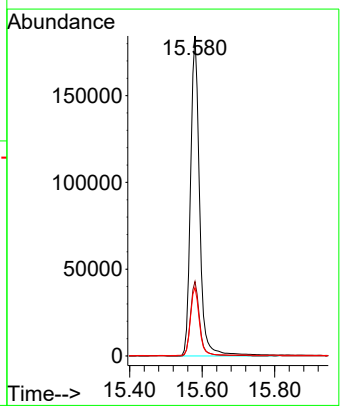


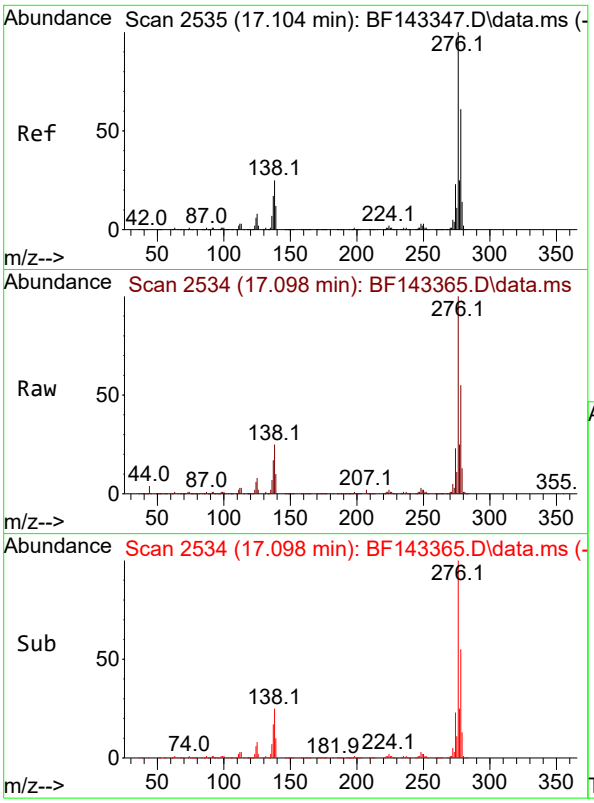


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:264 Resp: 321267

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	17.2	25.8



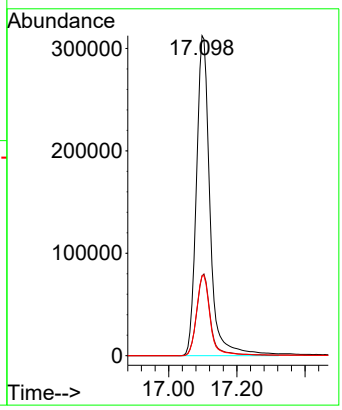


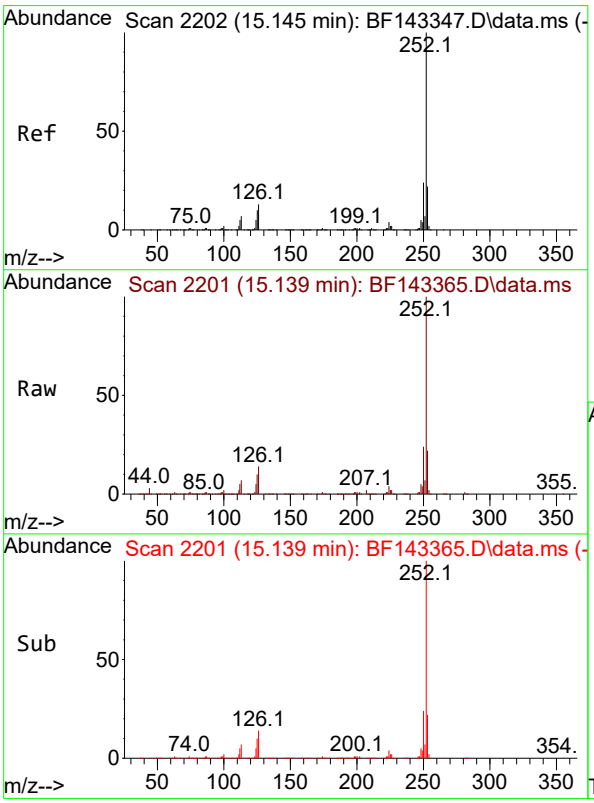
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.631 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 866144

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.1	31.7
277	25.4	20.2	30.2

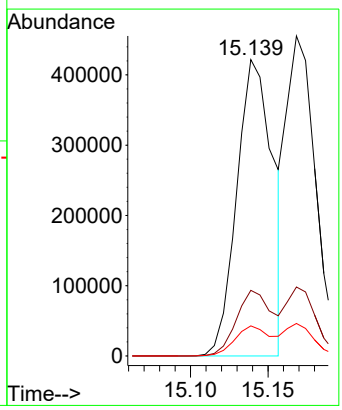


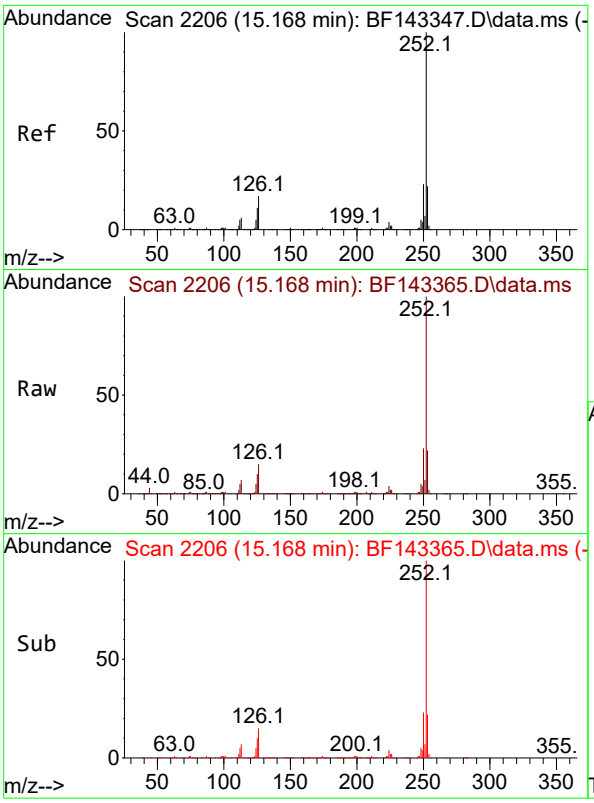


#88
Benzo(b)fluoranthene
Concen: 39.006 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:252 Resp: 685407

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.1	7.8	11.6



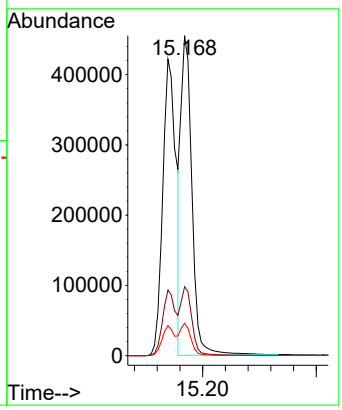


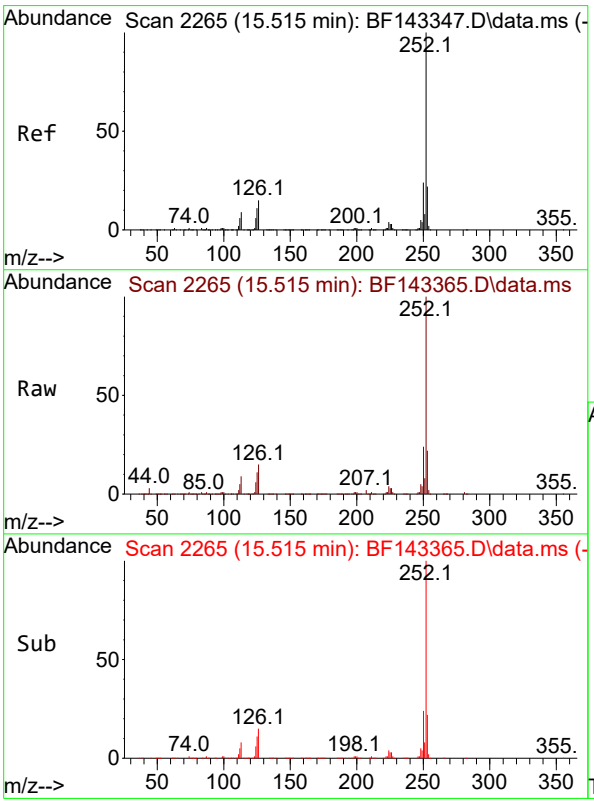
#89
Benzo(k)fluoranthene
Concen: 36.040 ng
RT: 15.168 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 615365

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.2	8.4	12.6

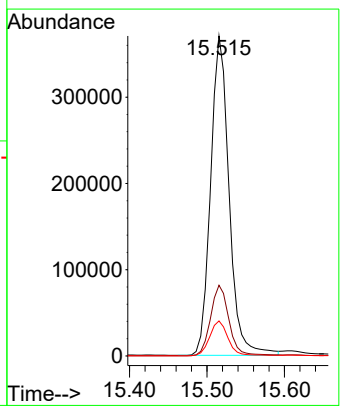


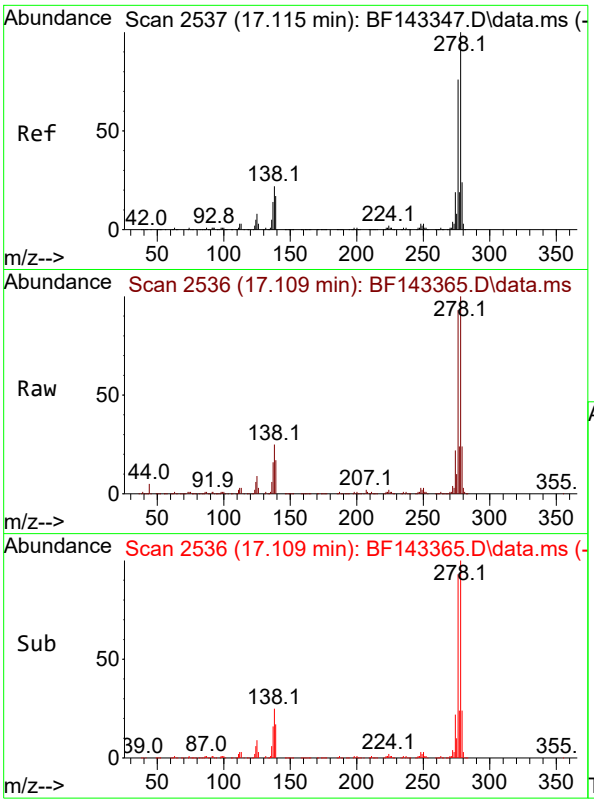


#90
Benzo(a)pyrene
Concen: 37.093 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:252 Resp: 613881

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.9	9.1	13.7



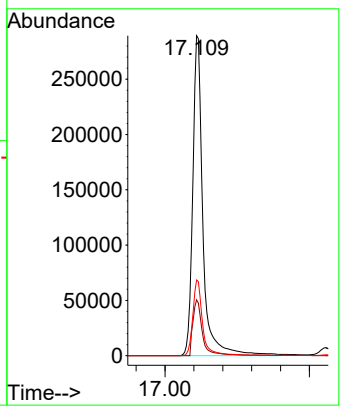


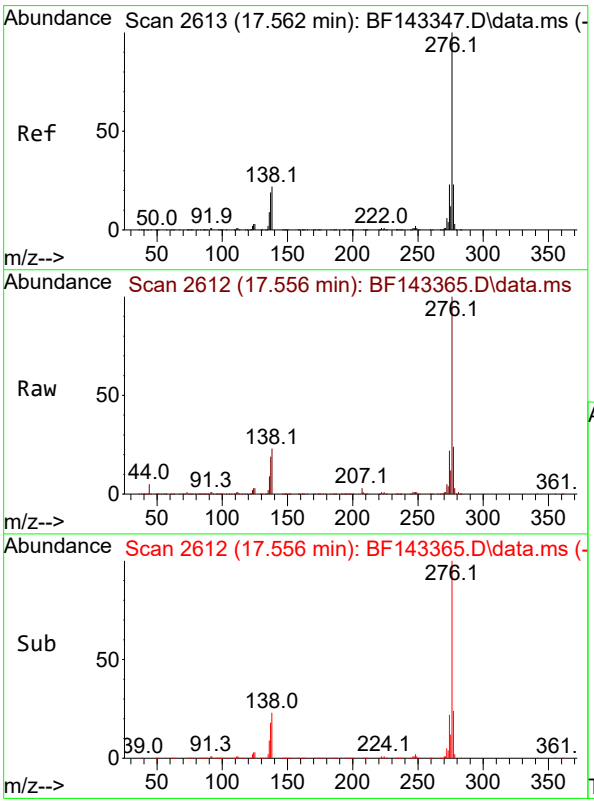
#91
Dibenzo(a,h)anthracene
Concen: 38.581 ng
RT: 17.109 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 709428

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.0	21.0
279	23.7	19.4	29.0

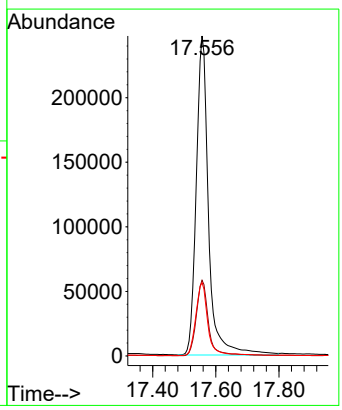




#92
Benzo(g,h,i)perylene
Concen: 36.122 ng
RT: 17.556 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:276 Resp: 669117

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	22.9	17.8	26.8



Sample Results: **BF143365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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	93	0.00
2		1,4-Dioxane	0.598	0.537	10.2	84	-0.02
3		Pyridine	1.595	1.455	8.8	84	-0.01
4		n-Nitrosodimethylamine	0.743	0.667	10.2	82	-0.02
5	S	2-Fluorophenol	1.157	1.077	6.9	85	0.00
6		Aniline	2.091	1.857	11.2	82	0.00
7	S	Phenol-d6	1.483	1.334	10.0	83	0.00
8		2-Chlorophenol	1.236	1.195	3.3	88	0.00
9		Benzaldehyde	0.980	0.870	11.2	80	0.00
10	C	Phenol	1.757	1.609	8.4	84	0.00
11		bis(2-Chloroethyl)ether	1.295	1.200	7.3	86	0.00
12		1,3-Dichlorobenzene	1.425	1.294	9.2	84	0.00
13	C	1,4-Dichlorobenzene	1.431	1.316	8.0	87	0.00
14		1,2-Dichlorobenzene	1.358	1.245	8.3	86	0.00
15		Benzyl Alcohol	1.063	1.003	5.6	86	0.00
16		2,2'-oxybis(1-Chloropropane	2.312	2.149	7.1	86	0.00
17		2-Methylphenol	1.043	0.939	10.0	82	0.00
18		Hexachloroethane	0.449	0.453	-0.9	91	0.00
19	P	n-Nitroso-di-n-propylamine	0.916	0.821	10.4	84	0.00
20		3+4-Methylphenols	1.262	1.144	9.4	83	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	90	0.00
22		Acetophenone	0.441	0.396	10.2	83	0.00
23	S	Nitrobenzene-d5	0.321	0.325	-1.2	87	0.00
24		Nitrobenzene	0.349	0.338	3.2	85	0.00
25		Isophorone	0.656	0.596	9.1	83	0.00
26	C	2-Nitrophenol	0.118	0.159	-34.7#	113	0.00
27		2,4-Dimethylphenol	0.274	0.264	3.6	85	0.00
28		bis(2-Chloroethoxy)methane	0.400	0.377	5.8	86	0.00
29	C	2,4-Dichlorophenol	0.267	0.259	3.0	85	0.00
30		1,2,4-Trichlorobenzene	0.282	0.267	5.3	86	0.00
31		Naphthalene	0.962	0.881	8.4	84	0.00
32		Benzoic acid	0.110	0.130	-18.2	108	0.00
33		4-Chloroaniline	0.347	0.317	8.6	82	0.00
34	C	Hexachlorobutadiene	0.175	0.172	1.7	88	0.00
35		Caprolactam	0.075	0.067	10.7	77	0.00
36	C	4-Chloro-3-methylphenol	0.280	0.261	6.8	82	0.00
37		2-Methylnaphthalene	0.633	0.580	8.4	84	0.00
38		1-Methylnaphthalene	0.609	0.558	8.4	84	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	91	0.00
40		1,2,4,5-Tetrachlorobenzene	0.547	0.517	5.5	87	0.00
41	P	Hexachlorocyclopentadiene	0.158	0.203	-28.5#	111	0.00
42	S	2,4,6-Tribromophenol	0.146	0.155	-6.2	88	0.00
43	C	2,4,6-Trichlorophenol	0.311	0.302	2.9	82	0.00
44		2,4,5-Trichlorophenol	0.351	0.334	4.8	81	0.00
45	S	2-Fluorobiphenyl	1.179	1.063	9.8	86	0.00
46		1,1'-Biphenyl	1.414	1.295	8.4	85	0.00
47		2-Chloronaphthalene	1.114	1.020	8.4	85	0.00

Sample Results: **BF143365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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	0.284	0.317	-11.6	93	0.00
49		Acenaphthylene	1.608	1.448	10.0	83	0.00
50		Dimethylphthalate	1.169	1.088	6.9	84	0.00
51		2,6-Dinitrotoluene	0.193	0.227	-17.6	97	0.00
52	C	Acenaphthene	1.069	0.988	7.6	85	0.00
53		3-Nitroaniline	0.239	0.251	-5.0	88	0.00
54	P	2,4-Dinitrophenol	0.065	0.087	-33.8#	121	0.00
55		Dibenzofuran	1.539	1.391	9.6	84	0.00
56	P	4-Nitrophenol	0.163	0.169	-3.7	89	0.00
57		2,4-Dinitrotoluene	0.256	0.301	-17.6	95	0.00
58		Fluorene	1.175	1.049	10.7	84	0.00
59		2,3,4,6-Tetrachlorophenol	0.236	0.251	-6.4	90	0.00
60		Diethylphthalate	1.047	0.995	5.0	84	0.00
61		4-Chlorophenyl-phenylether	0.568	0.526	7.4	85	0.00
62		4-Nitroaniline	0.232	0.220	5.2	81	0.00
63		Azobenzene	1.196	1.084	9.4	83	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	88	0.00
65		4,6-Dinitro-2-methylphenol	0.069	0.092	-33.3#	114	0.00
66	c	n-Nitrosodiphenylamine	0.659	0.614	6.8	82	0.00
67		4-Bromophenyl-phenylether	0.229	0.225	1.7	85	0.00
68		Hexachlorobenzene	0.247	0.235	4.9	85	0.00
69		Atrazine	0.172	0.162	5.8	80	0.00
70	C	Pentachlorophenol	0.101	0.184	-82.2#	150	0.00
71		Phenanthrene	1.091	0.981	10.1	80	0.00
72		Anthracene	1.107	1.018	8.0	82	0.00
73		Carbazole	0.942	0.812	13.8	77	0.00
74		Di-n-butylphthalate	0.798	0.842	-5.5	86	0.00
75	C	Fluoranthene	0.956	0.844	11.7	81	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	93	0.00
77		Benzidine	0.547	0.462	15.5	72	0.00
78		Pyrene	1.678	1.460	13.0	81	0.00
79	S	Terphenyl-d14	1.120	1.033	7.8	88	0.00
80		Butylbenzylphthalate	0.284	0.450	-58.5#	137	0.00
81		Benzo(a)anthracene	1.271	1.152	9.4	85	0.00
82		3,3'-Dichlorobenzidine	0.343	0.378	-10.2	96	0.00
83		Chrysene	1.185	1.104	6.8	87	0.00
84		Bis(2-ethylhexyl)phthalate	0.403	0.722	-79.2#	151#	0.00
85	c	Di-n-octyl phthalate	0.860	1.370	-59.3#	143	0.00
86	I	Perylene-d12	1.000	1.000	0.0	98	0.00
87		Indeno(1,2,3-cd)pyrene	1.433	1.348	5.9	91	0.00
88		Benzo(b)fluoranthene	1.094	1.067	2.5	93	0.00
89		Benzo(k)fluoranthene	1.063	0.958	9.9	91	0.00
90	C	Benzo(a)pyrene	1.030	0.955	7.3	91	0.00
91		Dibenzo(a,h)anthracene	1.145	1.104	3.6	92	0.00
92		Benzo(g,h,i)perylene	1.153	1.041	9.7	87	0.00

Sample Results: **BF143365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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 = 3

Sample Results: **BF143365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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	93	0.00
2		1,4-Dioxane	40.000	35.924	10.2	84	-0.02
3		Pyridine	40.000	36.505	8.7	84	-0.01
4		n-Nitrosodimethylamine	40.000	35.930	10.2	82	-0.02
5	S	2-Fluorophenol	80.000	74.486	6.9	85	0.00
6		Aniline	40.000	35.529	11.2	82	0.00
7	S	Phenol-d6	80.000	71.982	10.0	83	0.00
8		2-Chlorophenol	40.000	38.676	3.3	88	0.00
9		Benzaldehyde	40.000	35.508	11.2	80	0.00
10	C	Phenol	40.000	36.630	8.4	84	0.00
11		bis(2-Chloroethyl)ether	40.000	37.079	7.3	86	0.00
12		1,3-Dichlorobenzene	40.000	36.300	9.3	84	0.00
13	C	1,4-Dichlorobenzene	40.000	36.786	8.0	87	0.00
14		1,2-Dichlorobenzene	40.000	36.671	8.3	86	0.00
15		Benzyl Alcohol	40.000	37.736	5.7	86	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.180	7.1	86	0.00
17		2-Methylphenol	40.000	36.019	10.0	82	0.00
18		Hexachloroethane	40.000	40.381	-1.0	91	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	35.828	10.4	84	0.00
20		3+4-Methylphenols	40.000	36.261	9.3	83	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	90	0.00
22		Acetophenone	40.000	35.949	10.1	83	0.00
23	S	Nitrobenzene-d5	80.000	80.892	-1.1	87	0.00
24		Nitrobenzene	40.000	38.773	3.1	85	0.00
25		Isophorone	40.000	36.381	9.0	83	0.00
26	C	2-Nitrophenol	40.000	45.743	-14.4	113	0.00
27		2,4-Dimethylphenol	40.000	38.616	3.5	85	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.694	5.8	86	0.00
29	C	2,4-Dichlorophenol	40.000	38.733	3.2	85	0.00
30		1,2,4-Trichlorobenzene	40.000	37.843	5.4	86	0.00
31		Naphthalene	40.000	36.636	8.4	84	0.00
32		Benzoic acid	40.000	44.806	-12.0	108	0.00
33		4-Chloroaniline	40.000	36.478	8.8	82	0.00
34	C	Hexachlorobutadiene	40.000	39.158	2.1	88	0.00
35		Caprolactam	40.000	35.661	10.8	77	0.00
36	C	4-Chloro-3-methylphenol	40.000	37.312	6.7	82	0.00
37		2-Methylnaphthalene	40.000	36.699	8.3	84	0.00
38		1-Methylnaphthalene	40.000	36.634	8.4	84	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	91	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.763	5.6	87	0.00
41	P	Hexachlorocyclopentadiene	40.000	45.170	-12.9	111	0.00
42	S	2,4,6-Tribromophenol	80.000	84.775	-6.0	88	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.847	2.9	82	0.00
44		2,4,5-Trichlorophenol	40.000	38.112	4.7	81	0.00
45	S	2-Fluorobiphenyl	80.000	72.088	9.9	86	0.00
46		1,1'-Biphenyl	40.000	36.625	8.4	85	0.00
47		2-Chloronaphthalene	40.000	36.637	8.4	85	0.00

Sample Results: **BF143365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.994	0.0	93	0.00
49		Acenaphthylene	40.000	36.019	10.0	83	0.00
50		Dimethylphthalate	40.000	37.229	6.9	84	0.00
51		2,6-Dinitrotoluene	40.000	41.532	-3.8	97	0.00
52	C	Acenaphthene	40.000	36.969	7.6	85	0.00
53		3-Nitroaniline	40.000	41.943	-4.9	88	0.00
54	P	2,4-Dinitrophenol	40.000	47.847	-19.6	121	0.00
55		Dibenzofuran	40.000	36.166	9.6	84	0.00
56	P	4-Nitrophenol	40.000	38.411	4.0	89	0.00
57		2,4-Dinitrotoluene	40.000	41.474	-3.7	95	0.00
58		Fluorene	40.000	35.714	10.7	84	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.436	-6.1	90	0.00
60		Diethylphthalate	40.000	38.014	5.0	84	0.00
61		4-Chlorophenyl-phenylether	40.000	37.027	7.4	85	0.00
62		4-Nitroaniline	40.000	37.977	5.1	81	0.00
63		Azobenzene	40.000	36.252	9.4	83	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	88	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.753	-14.4	114	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.268	6.8	82	0.00
67		4-Bromophenyl-phenylether	40.000	39.268	1.8	85	0.00
68		Hexachlorobenzene	40.000	38.169	4.6	85	0.00
69		Atrazine	40.000	37.642	5.9	80	0.00
70	C	Pentachlorophenol	40.000	62.487	-56.2#	150	0.00
71		Phenanthrene	40.000	35.951	10.1	80	0.00
72		Anthracene	40.000	36.793	8.0	82	0.00
73		Carbazole	40.000	34.473	13.8	77	0.00
74		Di-n-butylphthalate	40.000	42.222	-5.6	86	0.00
75	C	Fluoranthene	40.000	35.308	11.7	81	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	93	0.00
77		Benzidine	40.000	33.832	15.4	72	0.00
78		Pyrene	40.000	34.808	13.0	81	0.00
79	S	Terphenyl-d14	80.000	73.795	7.8	88	0.00
80		Butylbenzylphthalate	40.000	53.869	-34.7#	137	0.00
81		Benzo(a)anthracene	40.000	36.260	9.4	85	0.00
82		3,3'-Dichlorobenzidine	40.000	44.084	-10.2	96	0.00
83		Chrysene	40.000	37.266	6.8	87	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	58.318	-45.8#	151	0.00
85	c	Di-n-octyl phthalate	40.000	55.364	-38.4#	143	0.00
86	I	Perylene-d12	20.000	20.000	0.0	98	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.631	5.9	91	0.00
88		Benzo(b)fluoranthene	40.000	39.006	2.5	93	0.00
89		Benzo(k)fluoranthene	40.000	36.040	9.9	91	0.00
90	C	Benzo(a)pyrene	40.000	37.093	7.3	91	0.00
91		Dibenzo(a,h)anthracene	40.000	38.581	3.5	92	0.00
92		Benzo(g,h,i)perylene	40.000	36.122	9.7	87	0.00

Sample Results: **BF143365.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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 = 2

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_P Calibration Date/Time: 08/12/2025 10:07

Lab File ID: BP025360.D Init. Calib. Date(s): 08/05/2025 08/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:03 16:51

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.244	1.253		0.7	
Benzaldehyde	1.162	1.287		10.8	
Phenol-d6	1.637	1.559		-4.8	
Phenol	1.751	1.628		-7.0	20.0
bis(2-Chloroethyl)ether	1.372	1.295		-5.6	
2-Chlorophenol	1.361	1.382		1.5	
2-Methylphenol	1.172	1.125		-4.0	
2,2-oxybis(1-Chloropropane)	2.167	1.825		-15.8	
Acetophenone	0.502	0.507		1.0	
3+4-Methylphenols	1.613	1.517		-6.0	
n-Nitroso-di-n-propylamine	1.075	1.014	0.050	-5.7	
Nitrobenzene-d5	0.361	0.396		9.7	
Hexachloroethane	0.553	0.575		4.0	
Nitrobenzene	0.342	0.354		3.5	
Isophorone	0.719	0.703		-2.2	
2-Nitrophenol	0.126	0.183		45.2	20.0
2,4-Dimethylphenol	0.331	0.314		-5.1	
bis(2-Chloroethoxy)methane	0.437	0.430		-1.6	
2,4-Dichlorophenol	0.290	0.302		4.1	20.0
Naphthalene	1.038	1.049		1.1	
4-Chloroaniline	0.462	0.446		-3.5	
Hexachlorobutadiene	0.184	0.200		8.7	20.0
Caprolactam	0.113	0.112		-0.9	
4-Chloro-3-methylphenol	0.336	0.336		0.0	20.0
2-Methylnaphthalene	0.672	0.673		0.1	
Hexachlorocyclopentadiene	0.337	0.372	0.050	10.4	
2,4,6-Trichlorophenol	0.353	0.390		10.5	20.0
2-Fluorobiphenyl	1.448	1.461		0.9	
2,4,5-Trichlorophenol	0.396	0.424		7.1	
1,1-Biphenyl	1.474	1.484		0.7	
2-Chloronaphthalene	1.124	1.145		1.9	
2-Nitroaniline	0.288	0.333		15.6	
Dimethylphthalate	1.458	1.456		-0.1	
Acenaphthylene	1.876	1.888		0.6	
2,6-Dinitrotoluene	0.269	0.319		18.6	
3-Nitroaniline	0.315	0.360		14.3	
Acenaphthene	1.144	1.186		3.7	20.0
2,4-Dinitrophenol	0.105	0.148	0.050	41.0	
4-Nitrophenol	0.278	0.270	0.050	-2.9	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_P Calibration Date/Time: 08/12/2025 10:07

Lab File ID: BP025360.D Init. Calib. Date(s): 08/05/2025 08/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:03 16:51

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.710	1.714		0.2	
2,4-Dinitrotoluene	0.359	0.449		25.1	
Diethylphthalate	1.470	1.467		-0.2	
4-Chlorophenyl-phenylether	0.637	0.652		2.4	
Fluorene	1.343	1.351		0.6	
4-Nitroaniline	0.312	0.355		13.8	
4,6-Dinitro-2-methylphenol	0.080	0.122		52.5	
n-Nitrosodiphenylamine	0.609	0.638		4.8	20.0
2,4,6-Tribromophenol	0.200	0.248		24.0	
4-Bromophenyl-phenylether	0.201	0.218		8.5	
Hexachlorobenzene	0.226	0.244		8.0	
Atrazine	0.214	0.229		7.0	
Pentachlorophenol	0.144	0.156		8.3	20.0
Phenanthrene	1.095	1.119		2.2	
Anthracene	1.105	1.153		4.3	
Carbazole	1.060	1.083		2.2	
Di-n-butylphthalate	1.283	1.348		5.1	
Fluoranthene	1.268	1.294		2.0	20.0
Pyrene	1.330	1.316		-1.1	
Terphenyl-d14	1.059	1.074		1.4	
Butylbenzylphthalate	0.539	0.632		17.3	
3,3-Dichlorobenzidine	0.469	0.514		9.6	
Benzo(a)anthracene	1.329	1.325		-0.3	
Chrysene	1.233	1.250		1.4	
Bis(2-ethylhexyl)phthalate	0.861	0.952		10.6	
Di-n-octyl phthalate	1.442	1.664		15.4	20.0
Benzo(b)fluoranthene	1.197	1.187		-0.8	
Benzo(k)fluoranthene	1.187	1.194		0.6	
Benzo(a)pyrene	1.153	1.171		1.6	20.0
Indeno(1,2,3-cd)pyrene	1.434	1.490		3.9	
Dibenzo(a,h)anthracene	1.174	1.223		4.2	
Benzo(g,h,i)perylene	1.152	1.185		2.9	
1,2,4,5-Tetrachlorobenzene	0.546	0.572		4.8	
1,4-Dioxane	0.491	0.502		2.2	20.0
2,3,4,6-Tetrachlorophenol	0.331	0.366		10.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	195999	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	806810	20.000	ng	0.00
39) Acenaphthene-d10	14.431	164	510213	20.000	ng	0.01
64) Phenanthrene-d10	17.225	188	980228	20.000	ng	0.00
76) Chrysene-d12	21.672	240	1004808	20.000	ng	0.01
86) Perylene-d12	25.065	264	1173448	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	982548	80.628	ng	0.00
7) Phenol-d6	6.972	99	1221952	76.191	ng	0.00
23) Nitrobenzene-d5	8.943	82	1278250	87.773	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	505405	99.294	ng	0.01
45) 2-Fluorobiphenyl	13.043	172	2982025	80.727	ng	0.01
79) Terphenyl-d14	19.948	244	4317682	81.161	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	196786	40.920	ng	96
3) Pyridine	3.731	79	522263	39.089	ng	95
4) n-Nitrosodimethylamine	3.637	42	214278	34.545	ng	86
6) Aniline	7.131	93	828914	37.650	ng	97
8) 2-Chlorophenol	7.372	128	541859	40.622	ng	98
9) Benzaldehyde	6.949	77	504529m	44.293	ng	
10) Phenol	6.996	94	638346	37.200	ng	99
11) bis(2-Chloroethyl)ether	7.225	93	507444	37.741	ng	98
12) 1,3-Dichlorobenzene	7.696	146	599776	40.016	ng	99
13) 1,4-Dichlorobenzene	7.831	146	606049	39.967	ng	100
14) 1,2-Dichlorobenzene	8.149	146	582943	39.685	ng	99
15) Benzyl Alcohol	8.031	79	460656	37.054	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	715271	33.676	ng	97
17) 2-Methylphenol	8.231	107	441046	38.411	ng	98
18) Hexachloroethane	8.878	117	225436	41.571	ng	97
19) n-Nitroso-di-n-propyla...	8.596	70	397440	37.717	ng	93
20) 3+4-Methylphenols	8.555	107	594774	37.617	ng	100
22) Acetophenone	8.608	105	818151	40.395	ng	97
24) Nitrobenzene	8.984	77	570928	41.415	ng	97
25) Isophorone	9.507	82	1133598	39.105	ng	100
26) 2-Nitrophenol	9.690	139	294605	48.978	ng	95
27) 2,4-Dimethylphenol	9.749	122	507294	37.957	ng	96
28) bis(2-Chloroethoxy)met...	9.984	93	693183	39.308	ng	99
29) 2,4-Dichlorophenol	10.225	162	486663	41.592	ng	97
30) 1,2,4-Trichlorobenzene	10.437	180	540821	41.895	ng	98
31) Naphthalene	10.625	128	1693306	40.429	ng	99
32) Benzoic acid	9.866	122	353525	46.843	ng	97
33) 4-Chloroaniline	10.725	127	720065	38.655	ng	99
34) Hexachlorobutadiene	10.919	225	322928	43.580	ng	99
35) Caprolactam	11.490	113	180850	39.842	ng	94
36) 4-Chloro-3-methylphenol	11.849	107	542891	40.098	ng	97
37) 2-Methylnaphthalene	12.237	142	1085759	40.051	ng	99
38) 1-Methylnaphthalene	12.449	142	1137953	40.230	ng	99
40) 1,2,4,5-Tetrachloroben...	12.607	216	584136	41.935	ng	99
41) Hexachlorocyclopentadiene	12.590	237	380002	44.201	ng	97
43) 2,4,6-Trichlorophenol	12.837	196	398147	44.246	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	432915	42.887	ng		98
46) 1,1'-Biphenyl	13.243	154	1513840	40.262	ng		98
47) 2-Chloronaphthalene	13.290	162	1168673	40.740	ng		100
48) 2-Nitroaniline	13.484	65	340186	40.947	ng		93
49) Acenaphthylene	14.148	152	1926679	40.266	ng		100
50) Dimethylphthalate	13.878	163	1485732	39.945	ng		99
51) 2,6-Dinitrotoluene	13.990	165	325633	47.464	ng		91
52) Acenaphthene	14.490	154	1210197	41.464	ng		99
53) 3-Nitroaniline	14.313	138	367478	45.776	ng		96
54) 2,4-Dinitrophenol	14.525	184	151086	51.187	ng	#	52
55) Dibenzofuran	14.831	168	1748610	40.091	ng		99
56) 4-Nitrophenol	14.631	139	275723	38.916	ng		98
57) 2,4-Dinitrotoluene	14.790	165	457773	43.380	ng		97
58) Fluorene	15.495	166	1378667	40.245	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	373023	44.239	ng		97
60) Diethylphthalate	15.266	149	1496993	39.922	ng		99
61) 4-Chlorophenyl-phenyle...	15.490	204	664819	40.936	ng		99
62) 4-Nitroaniline	15.501	138	362655	45.592	ng		95
63) Azobenzene	15.790	77	1330965	38.207	ng		96
65) 4,6-Dinitro-2-methylph...	15.566	198	239307	53.009	ng		91
66) n-Nitrosodiphenylamine	15.701	169	1251042	41.916	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	426714	43.265	ng		96
68) Hexachlorobenzene	16.519	284	479138	43.296	ng		99
69) Atrazine	16.672	200	448876	42.766	ng		98
70) Pentachlorophenol	16.866	266	304867	43.240	ng		99
71) Phenanthrene	17.266	178	2194412	40.873	ng		100
72) Anthracene	17.360	178	2260955	41.766	ng		100
73) Carbazole	17.642	167	2123650	40.867	ng		99
74) Di-n-butylphthalate	18.236	149	2642646	42.037	ng		99
75) Fluoranthene	19.348	202	2536662	40.815	ng		99
77) Benzidine	19.536	184	1651185	45.402	ng		99
78) Pyrene	19.725	202	2644783	39.582	ng		100
80) Butylbenzylphthalate	20.677	149	1269396	46.843	ng		96
81) Benzo(a)anthracene	21.648	228	2662603	39.876	ng		99
82) 3,3'-Dichlorobenzidine	21.560	252	1033776	43.881	ng		98
83) Chrysene	21.719	228	2512356	40.567	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	1913652	44.225	ng		100
85) Di-n-octyl phthalate	22.901	149	3343958	46.170	ng		97
87) Indeno(1,2,3-cd)pyrene	28.924	276	3496889	41.576	ng	#	95
88) Benzo(b)fluoranthene	23.989	252	2785473	39.654	ng		99
89) Benzo(k)fluoranthene	24.066	252	2802794	40.250	ng		99
90) Benzo(a)pyrene	24.913	252	2748346	40.628	ng		99
91) Dibenzo(a,h)anthracene	29.006	278	2869988	41.664	ng		98
92) Benzo(g,h,i)perylene	30.112	276	2780936	41.135	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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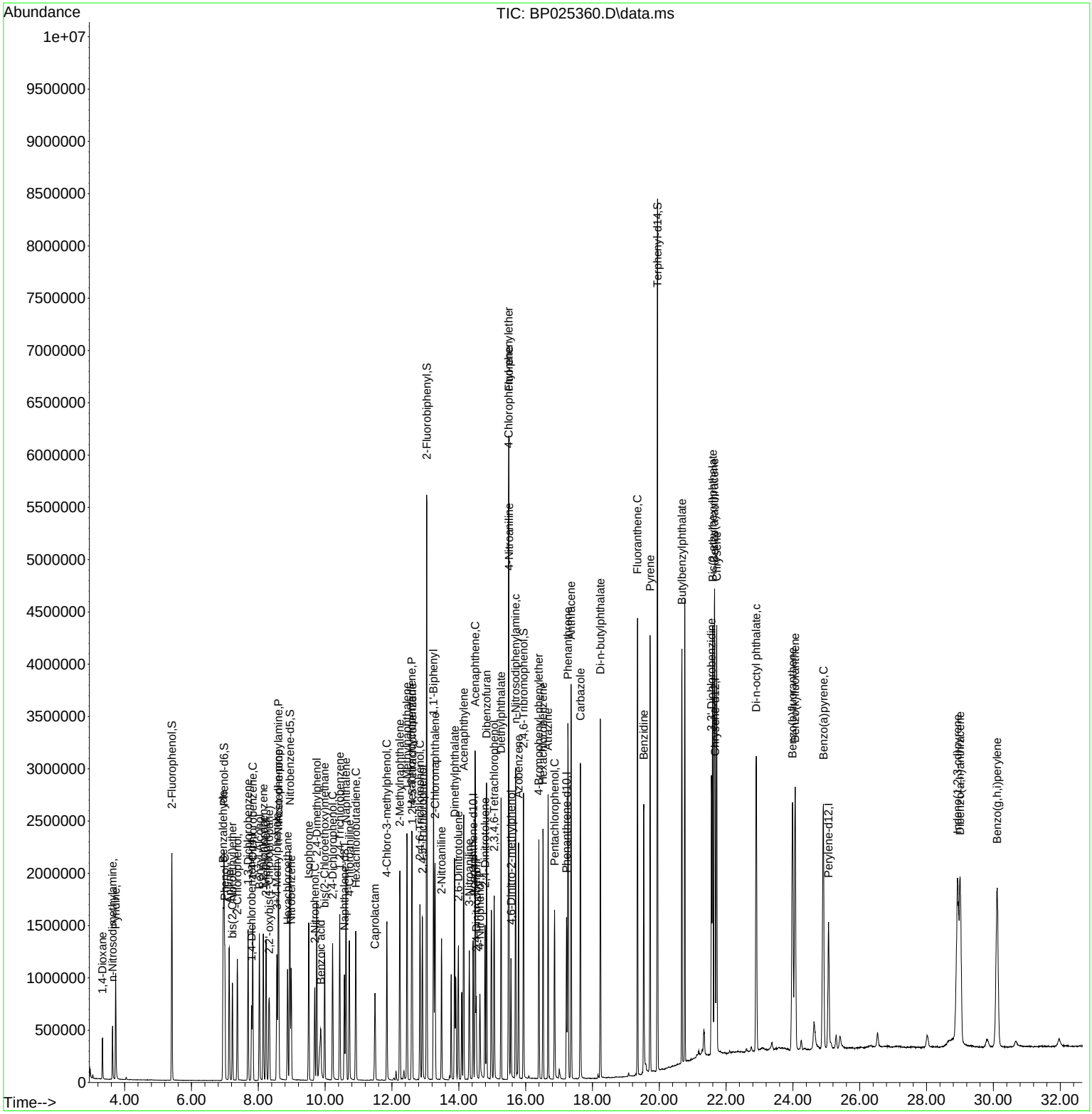
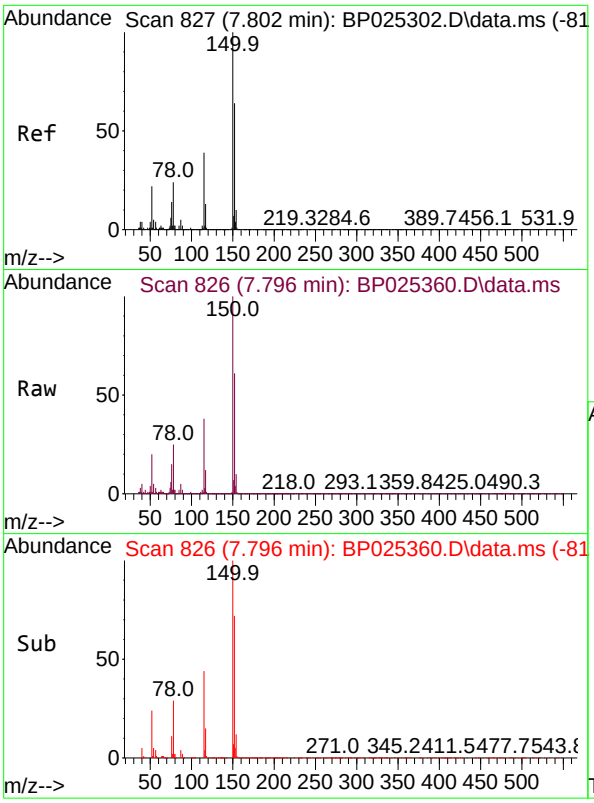
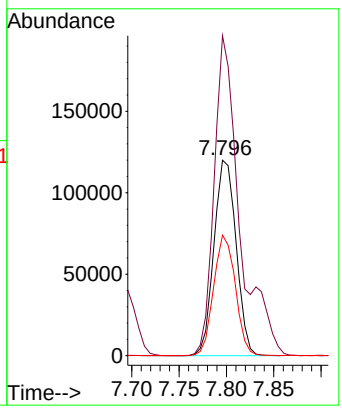




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:152 Resp: 19599

Ion	Ratio	Lower	Upper
152	100		
150	163.6	125.1	187.7
115	61.6	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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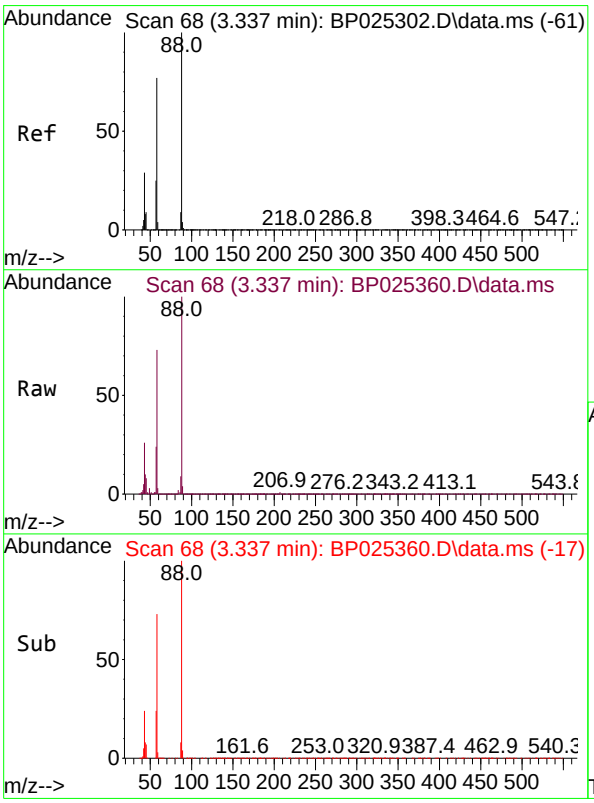
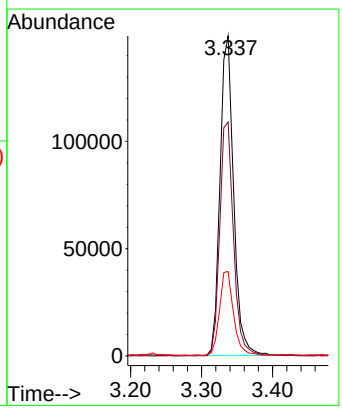
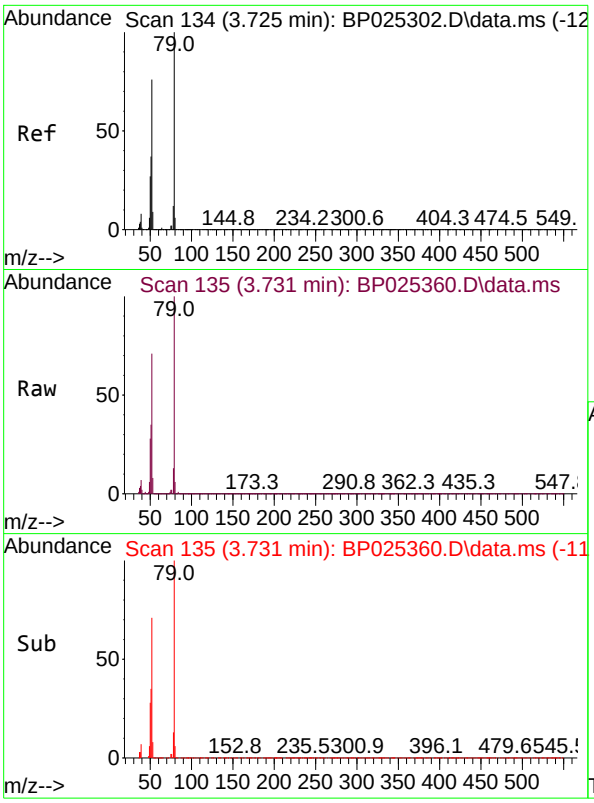


#2
1,4-Dioxane
Concen: 40.920 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 88 Resp: 196786

Ion	Ratio	Lower	Upper
88	100		
58	74.4	61.9	92.9
43	27.1	24.2	36.2

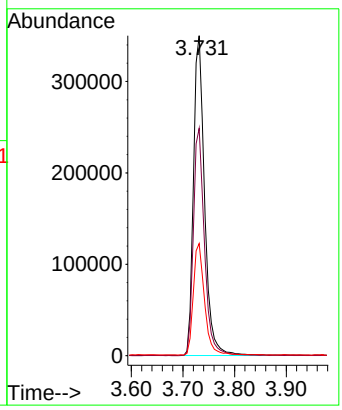




#3
Pyridine
Concen: 39.089 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 79 Resp: 52226

Ion	Ratio	Lower	Upper
79	100		
52	71.0	60.5	90.7
51	35.0	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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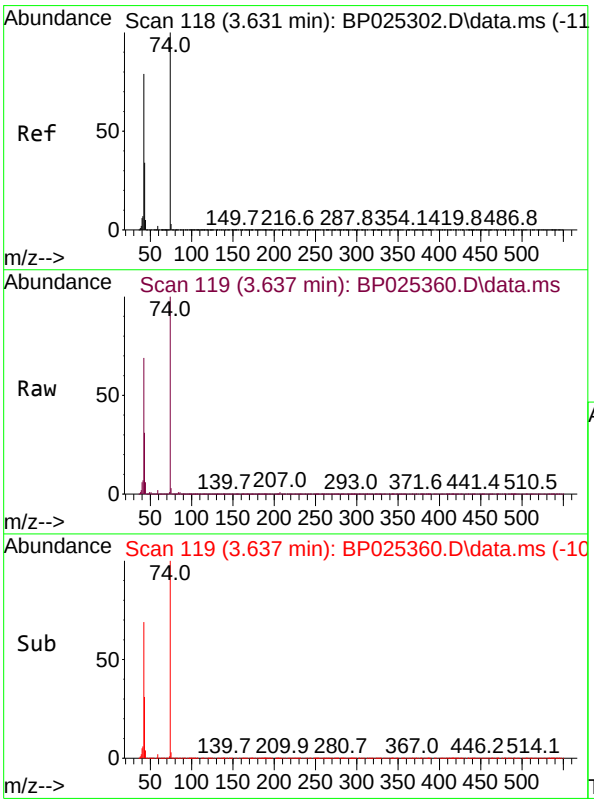
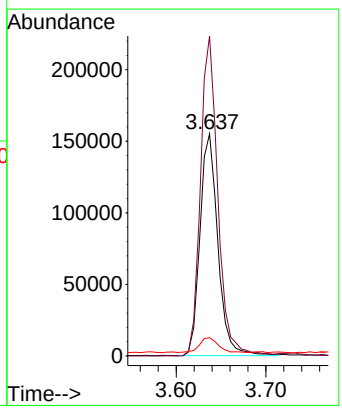
Supervised By :Jagrut Upadhyay 08/13/2025

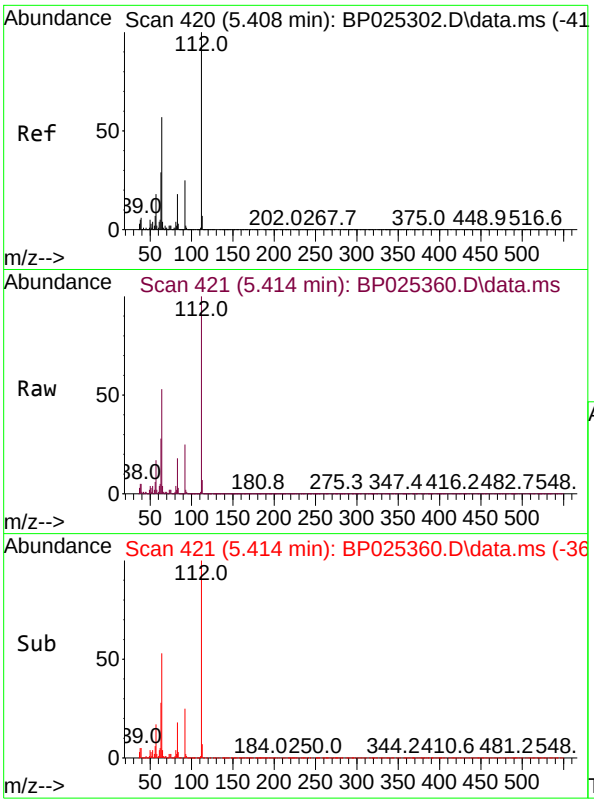


#4
n-Nitrosodimethylamine
Concen: 34.545 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 42 Resp: 214278

Ion	Ratio	Lower	Upper
42	100		
74	144.0	101.4	152.2
44	8.2	7.6	11.4

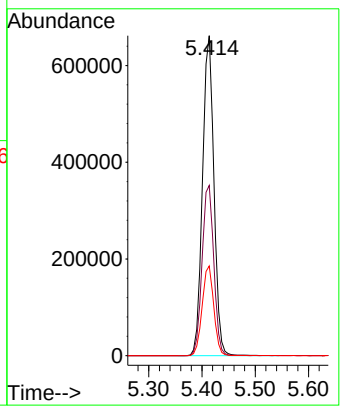




#5
2-Fluorophenol
Concen: 80.628 ng
RT: 5.414 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:112 Resp: 98254

Ion	Ratio	Lower	Upper
112	100		
64	53.2	45.3	67.9
63	28.0	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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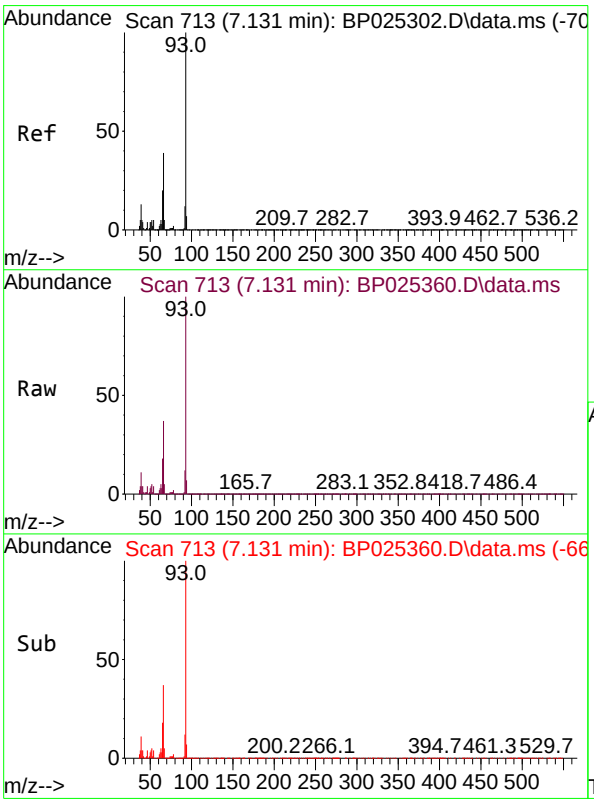
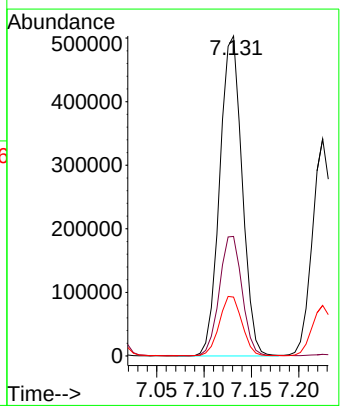
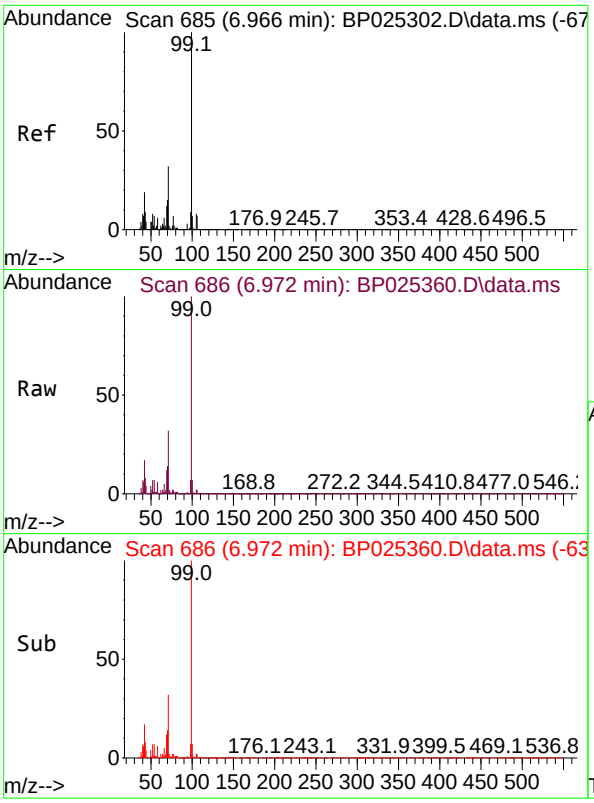


#6
Aniline
Concen: 37.650 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 93 Resp: 828914

Ion	Ratio	Lower	Upper
93	100		
66	37.4	31.1	46.7
65	18.4	15.8	23.8

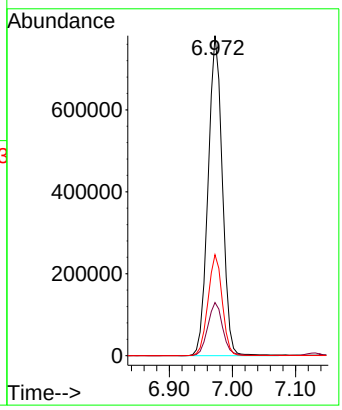




#7
Phenol-d6
Concen: 76.191 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 99 Resp: 122195

Ion	Ratio	Lower	Upper
99	100		
42	16.6	15.0	22.6
71	31.6	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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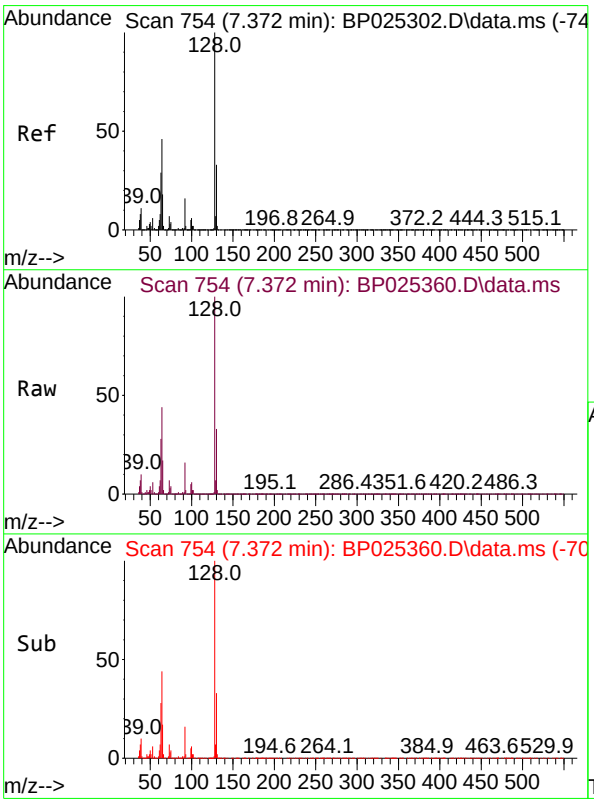
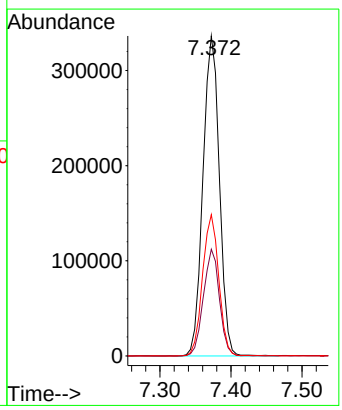
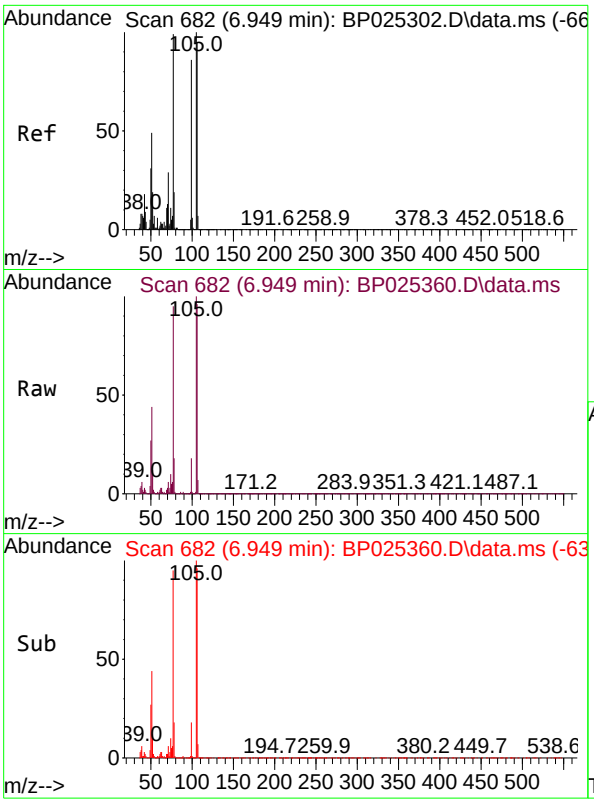


#8
2-Chlorophenol
Concen: 40.622 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:128 Resp: 541859

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.1	53.1
64	44.2	26.1	66.1

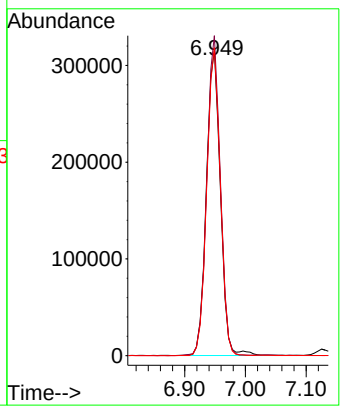




#9
Benzaldehyde
Concen: 44.293 ng m
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 77 Resp: 50452

Ion	Ratio	Lower	Upper
77	100		
105	104.7	81.4	121.4
106	100.8	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
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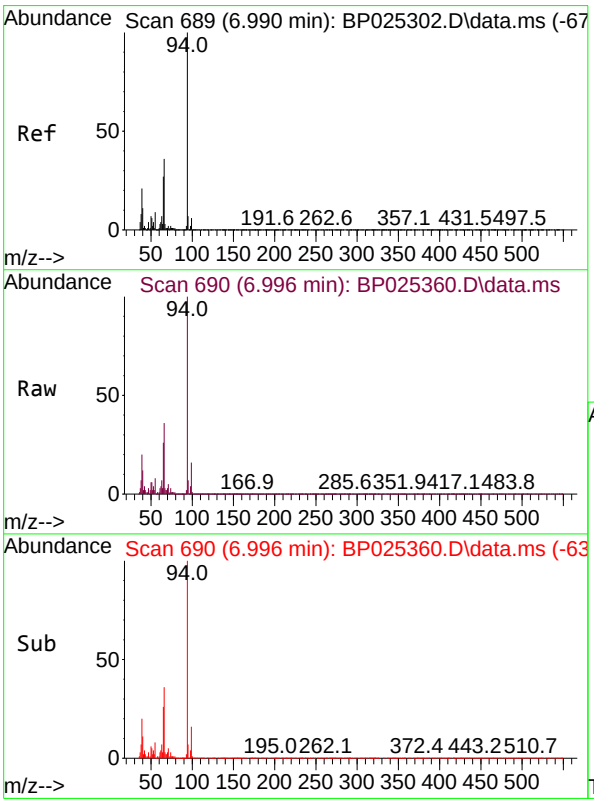
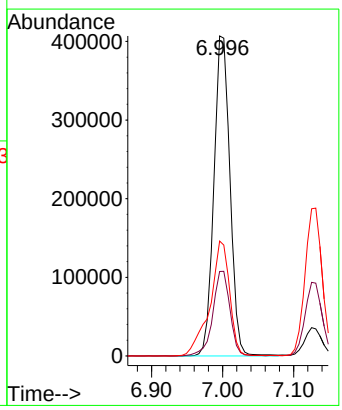
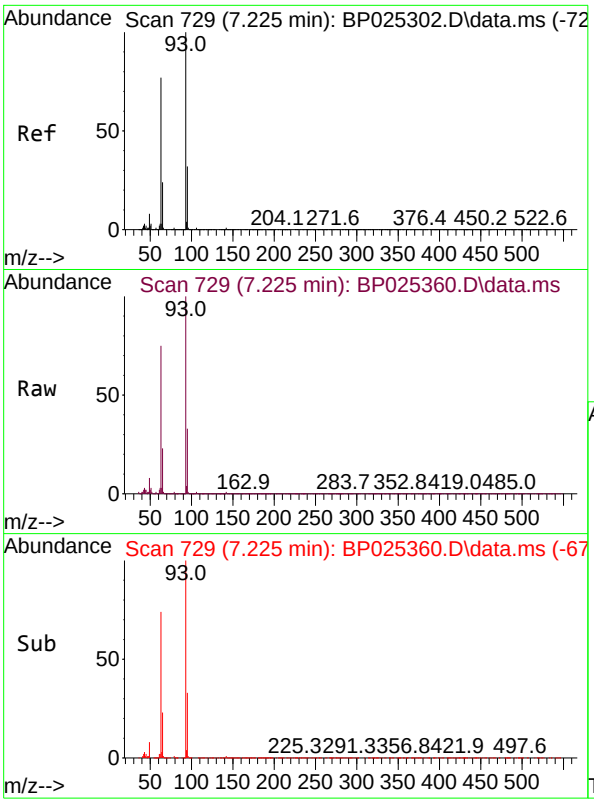


#10
Phenol
Concen: 37.200 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 94 Resp: 638346

Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.3	47.3
66	35.9	15.7	55.7

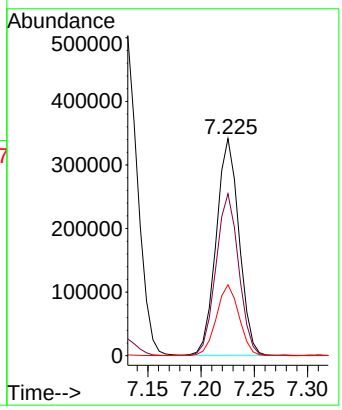




#11
bis(2-Chloroethyl)ether
Concen: 37.741 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 93 Resp: 50744

Ion	Ratio	Lower	Upper
93	100		
63	74.6	57.0	97.0
95	32.7	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
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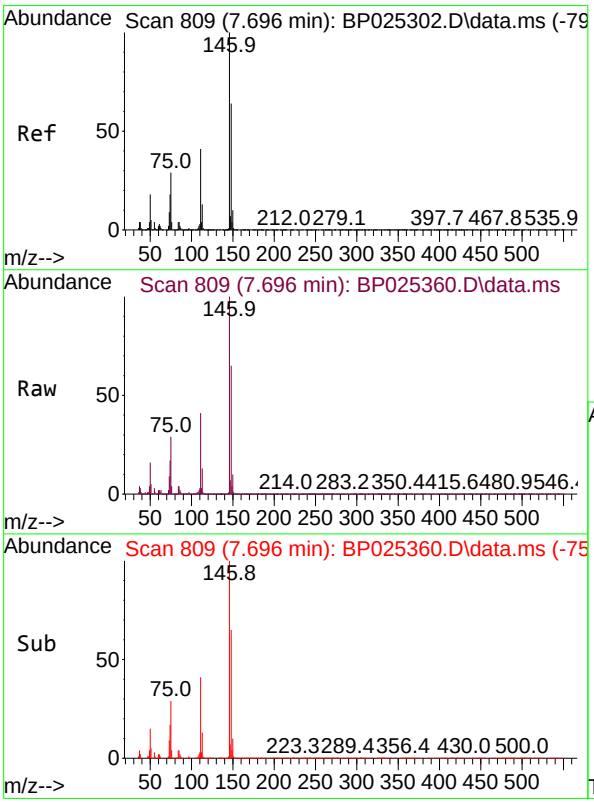
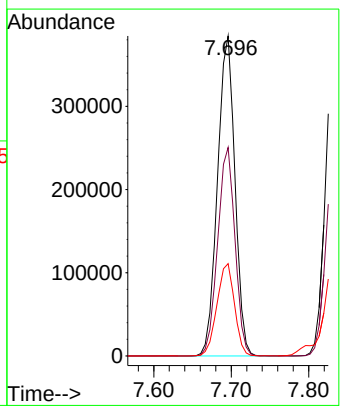
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

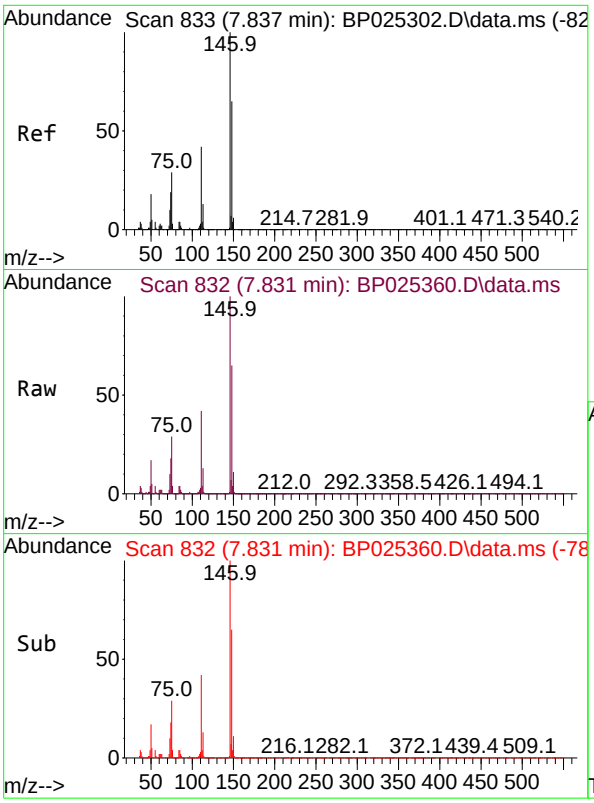


#12
1,3-Dichlorobenzene
Concen: 40.016 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:146 Resp: 599776

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
75	28.8	23.2	34.8





#13
1,4-Dichlorobenzene
Concen: 39.967 ng
RT: 7.831 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:146 Resp: 60604

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	41.6	33.2	49.8

Instrument :
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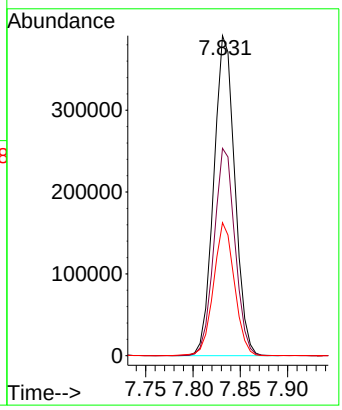
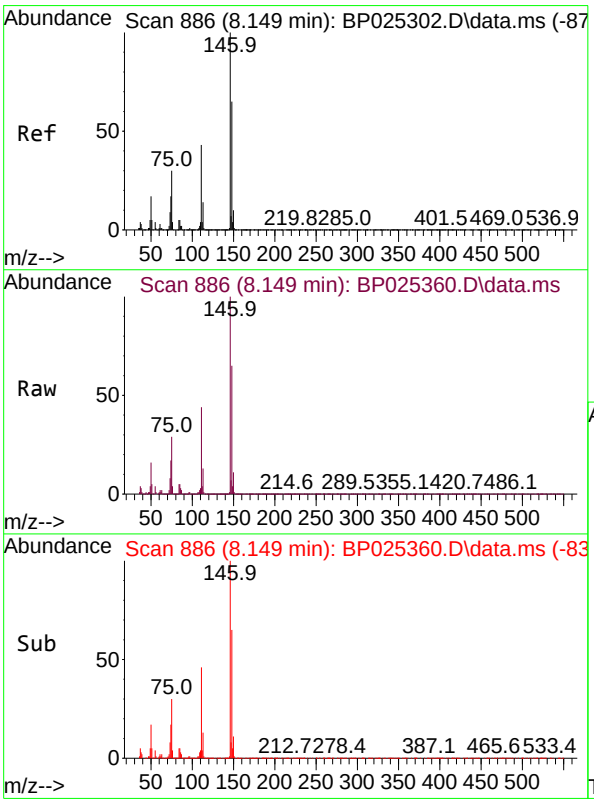
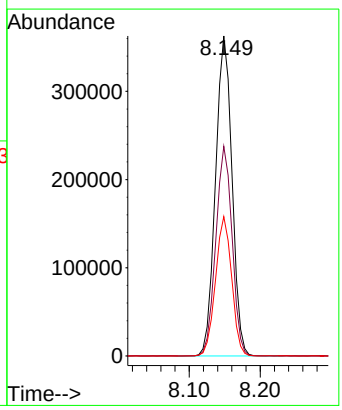


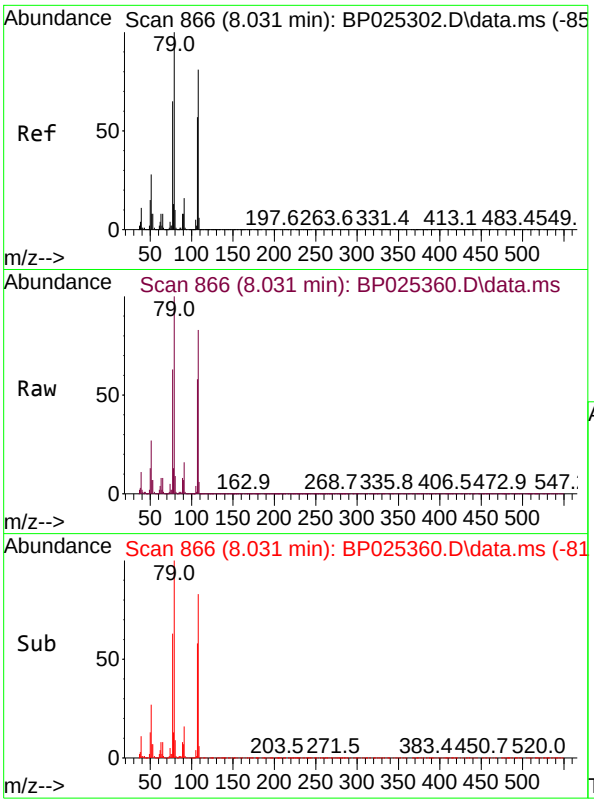


#14
1,2-Dichlorobenzene
Concen: 39.685 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:146 Resp: 582943

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	43.6	34.4	51.6





#15
Benzyl Alcohol
Concen: 37.054 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 79 Resp: 46065

Ion	Ratio	Lower	Upper
79	100		
108	82.7	64.5	96.7
77	63.5	51.9	77.9

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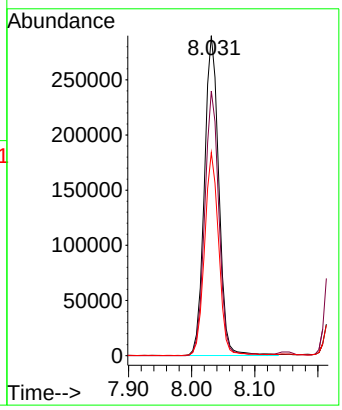
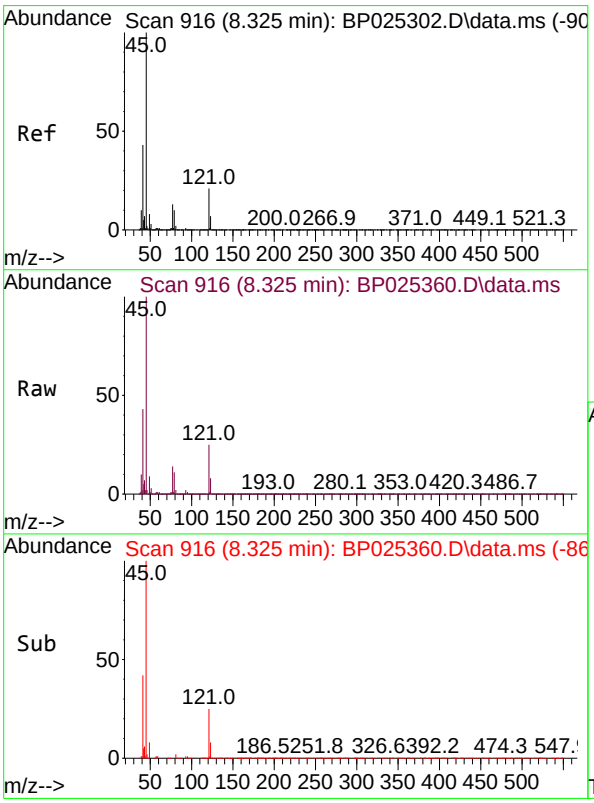
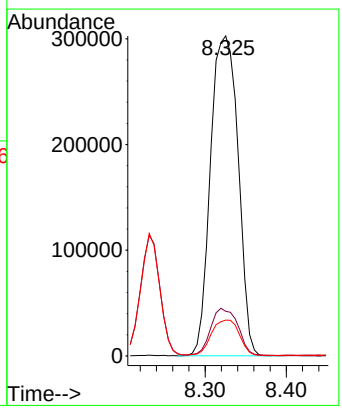


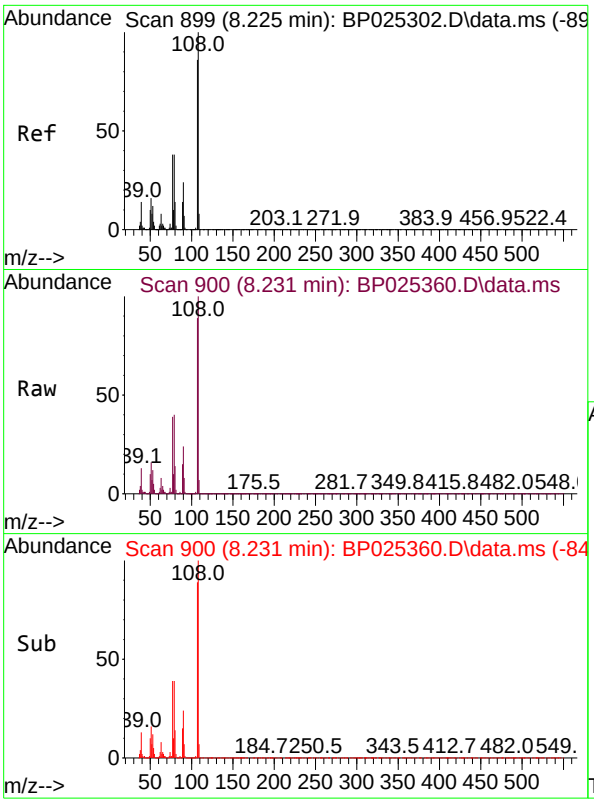


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.676 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 45 Resp: 715271

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.0
79	11.2	0.0	29.8

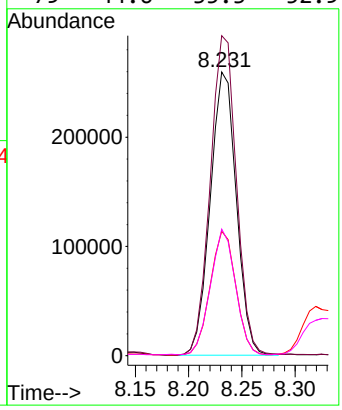




#17
2-Methylphenol
Concen: 38.411 ng
RT: 8.231 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:107 Resp: 44104(

Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.6	139.0
77	43.9	35.4	53.2
79	44.6	35.3	52.9



Instrument :
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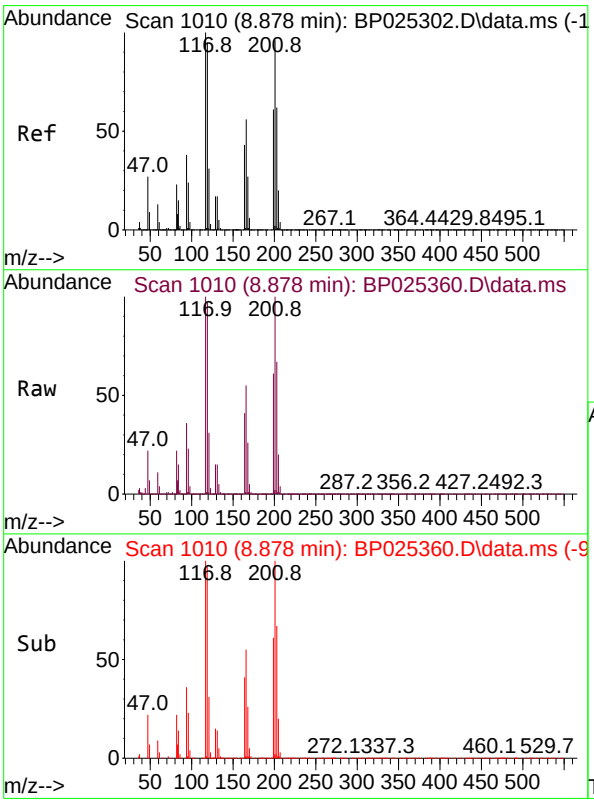
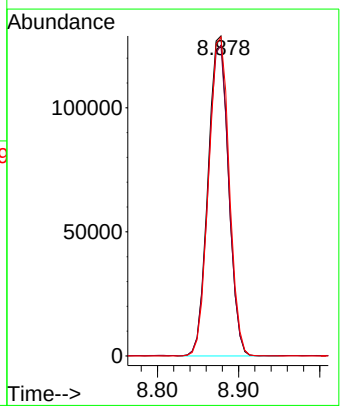
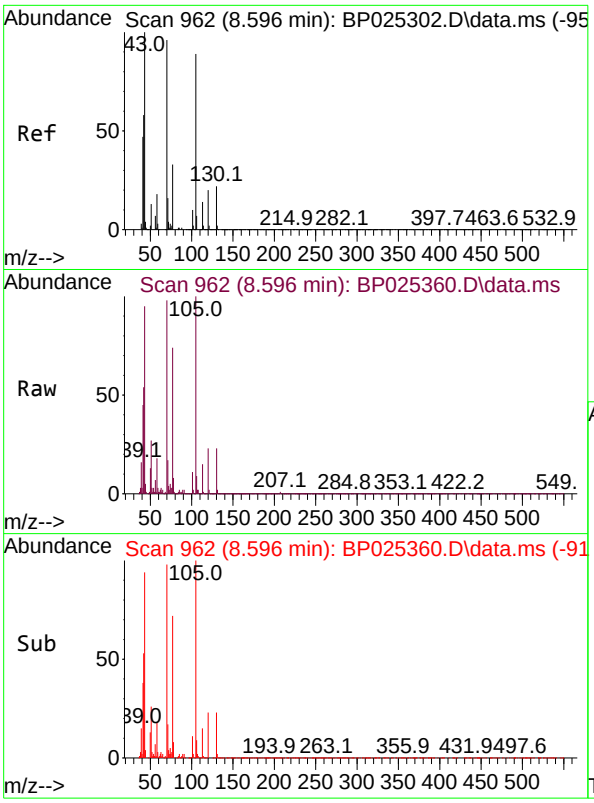


#18
Hexachloroethane
Concen: 41.571 ng
RT: 8.878 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:117 Resp: 225436

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.8
201	99.7	76.6	114.8

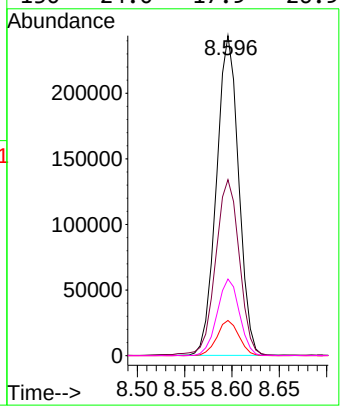




#19
n-Nitroso-di-n-propylamine
Concen: 37.717 ng
RT: 8.596 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 70 Resp: 39744

Ion	Ratio	Lower	Upper
70	100		
42	55.0	49.4	74.0
101	11.0	7.9	11.9
130	24.0	17.9	26.9



Instrument :
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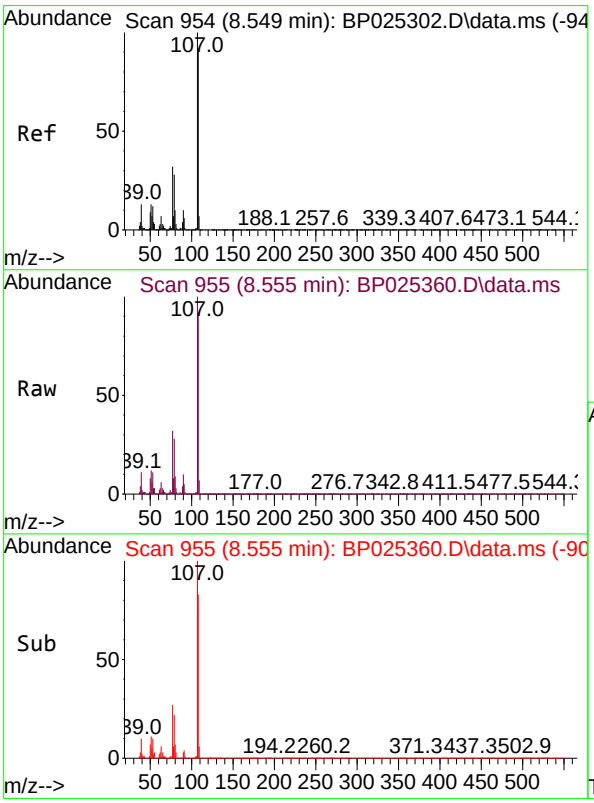
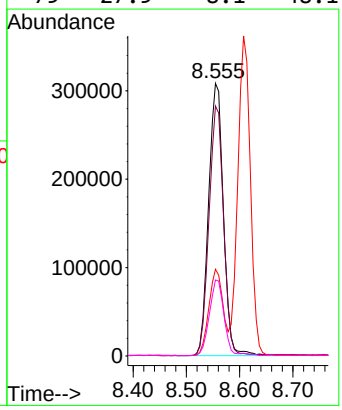
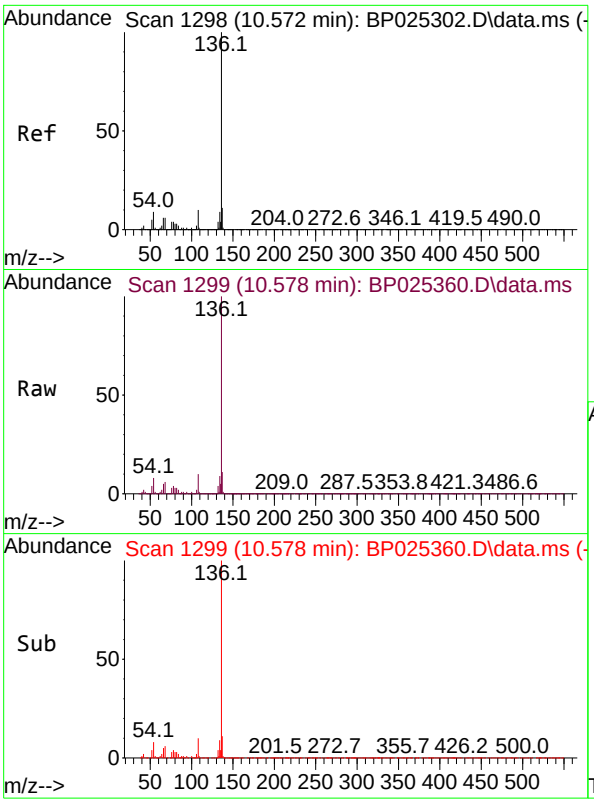


#20
3+4-Methylphenols
Concen: 37.617 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:107 Resp: 594774

Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.9	111.9
77	31.8	12.0	52.0
79	27.9	8.1	48.1

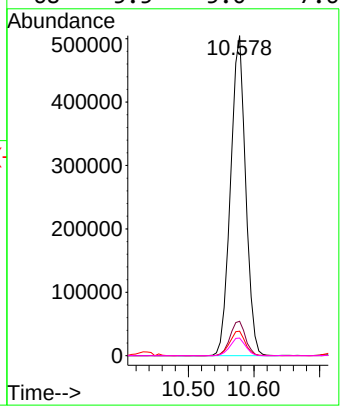




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:136 Resp: 80681

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	7.0	10.6
68	5.5	5.0	7.6



Instrument :
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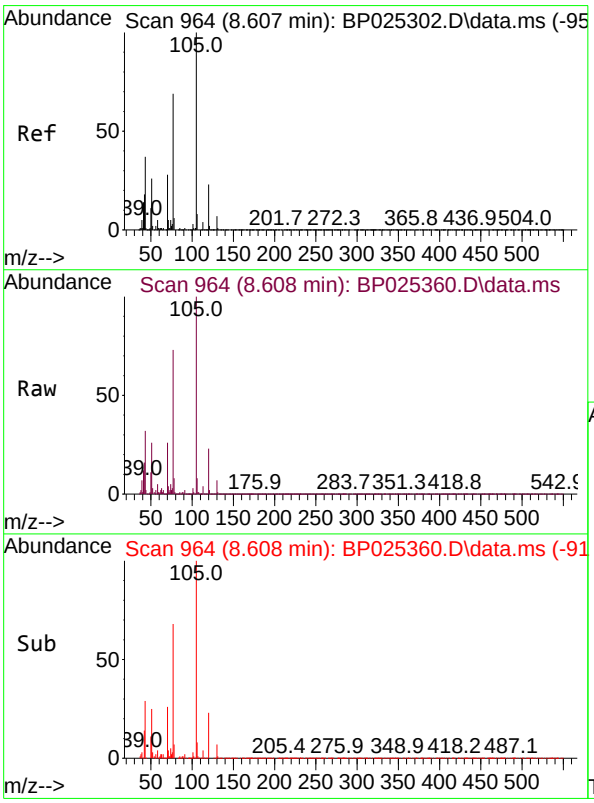
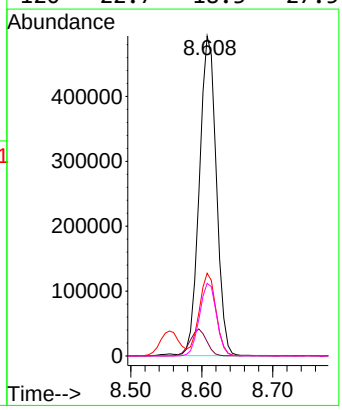
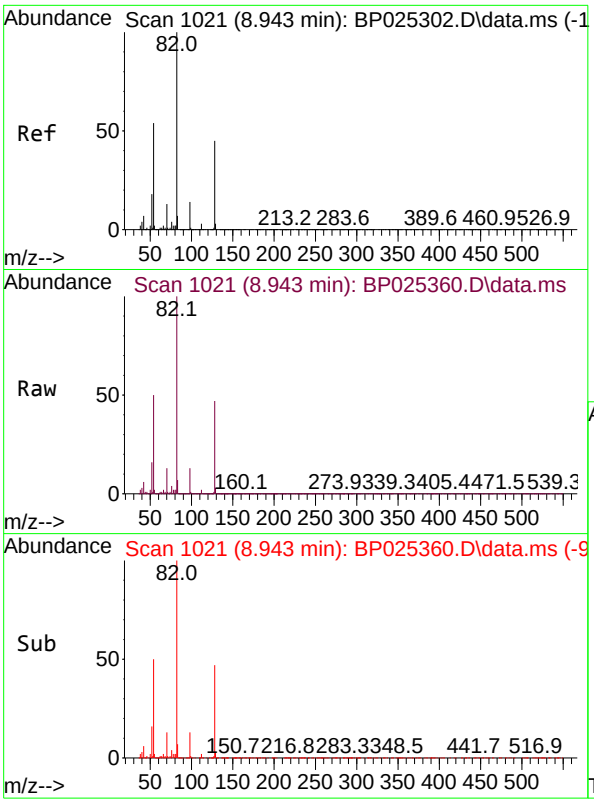


#22
Acetophenone
Concen: 40.395 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:105 Resp: 818151

Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.1	6.1
51	25.9	22.7	34.1
120	22.7	18.3	27.5

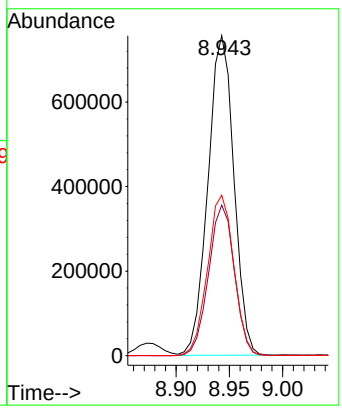




#23
Nitrobenzene-d5
Concen: 87.773 ng
RT: 8.943 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 82 Resp: 127825(

Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.4	53.2
54	50.2	42.9	64.3



Instrument :
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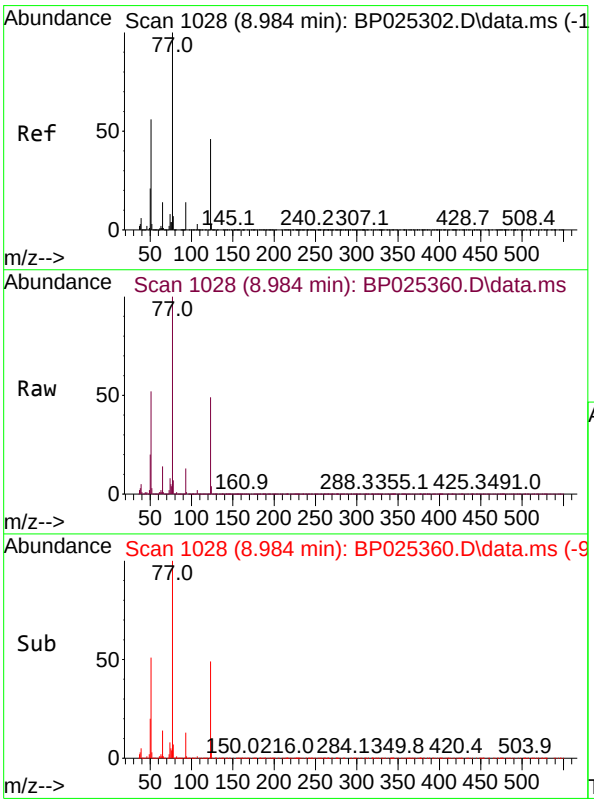
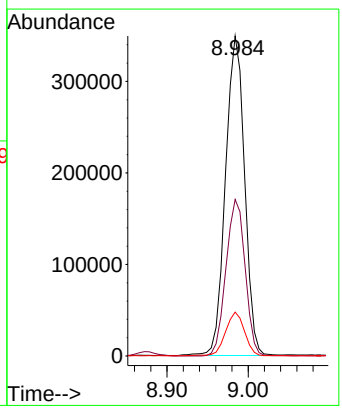
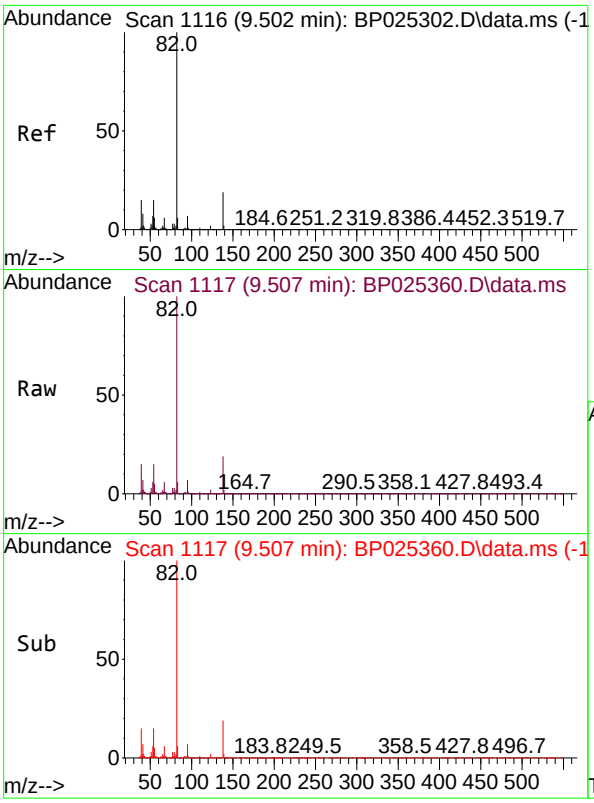


#24
Nitrobenzene
Concen: 41.415 ng
RT: 8.984 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 77 Resp: 570928

Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.4	56.2
65	13.7	11.1	16.7

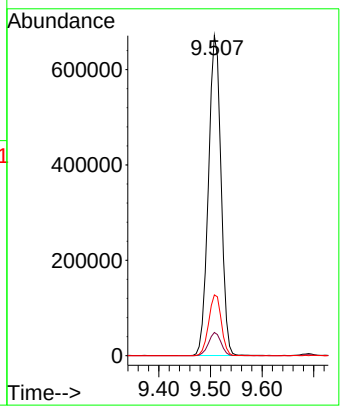




#25
Isophorone
Concen: 39.105 ng
RT: 9.507 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 82 Resp: 113359

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	19.0	15.0	22.6



Instrument :
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ClientSampleId :
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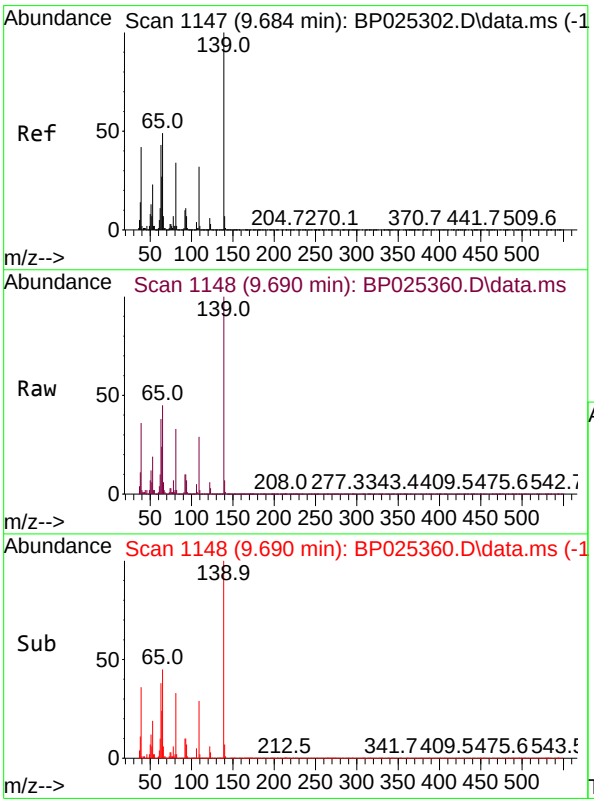
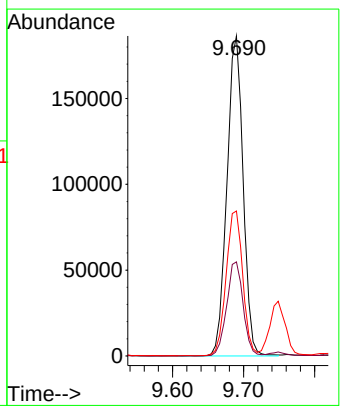
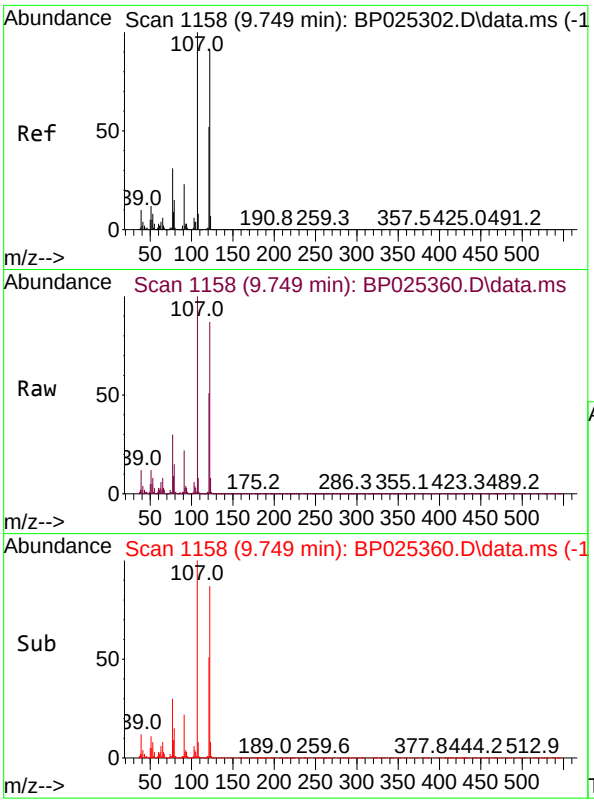


#26
2-Nitrophenol
Concen: 48.978 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:139 Resp: 294605

Ion	Ratio	Lower	Upper
139	100		
109	29.4	25.2	37.8
65	45.3	39.6	59.4





#27
2,4-Dimethylphenol
Concen: 37.957 ng
RT: 9.749 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 50729

Ion	Ratio	Lower	Upper
122	100		
107	114.7	87.4	131.0
121	58.8	45.8	68.8

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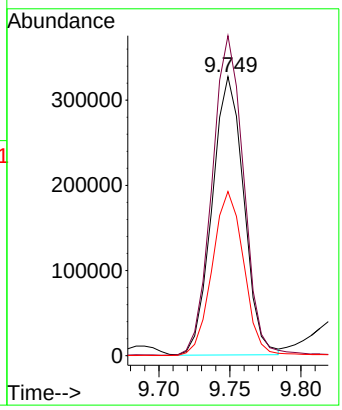
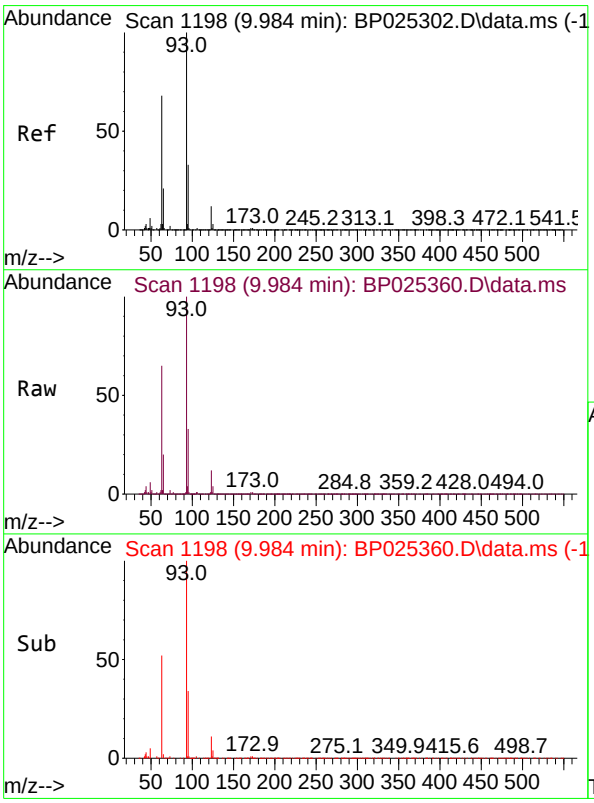
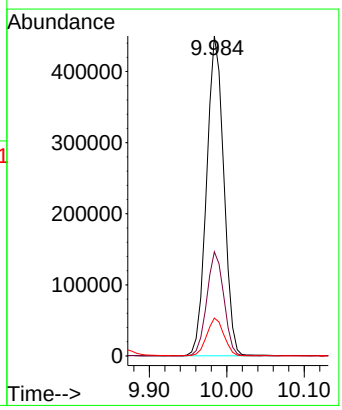


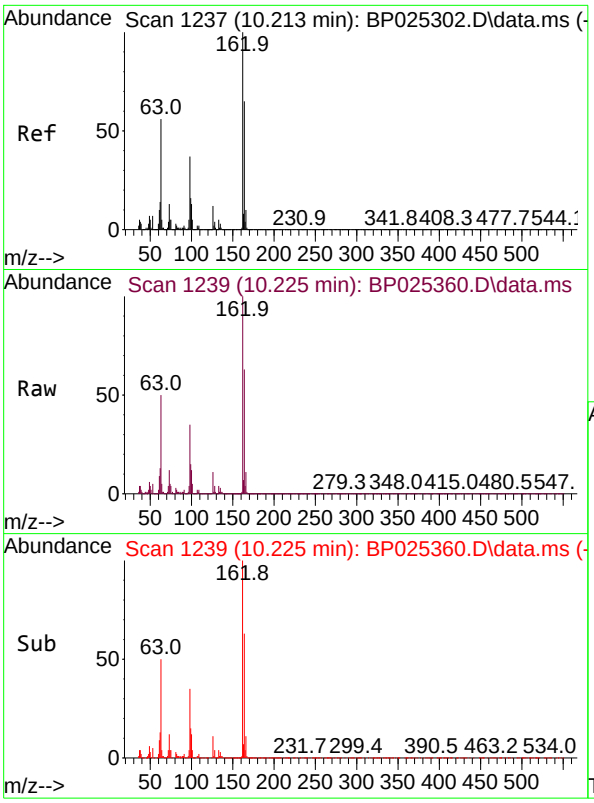


#28
bis(2-Chloroethoxy)methane
Concen: 39.308 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 93 Resp: 693183

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	11.9	9.4	14.2

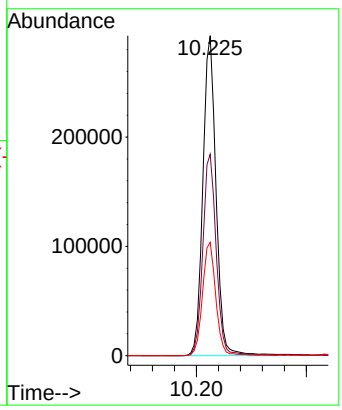




#29
2,4-Dichlorophenol
Concen: 41.592 ng
RT: 10.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:162 Resp: 48666

Ion	Ratio	Lower	Upper
162	100		
164	62.9	45.2	85.2
98	35.4	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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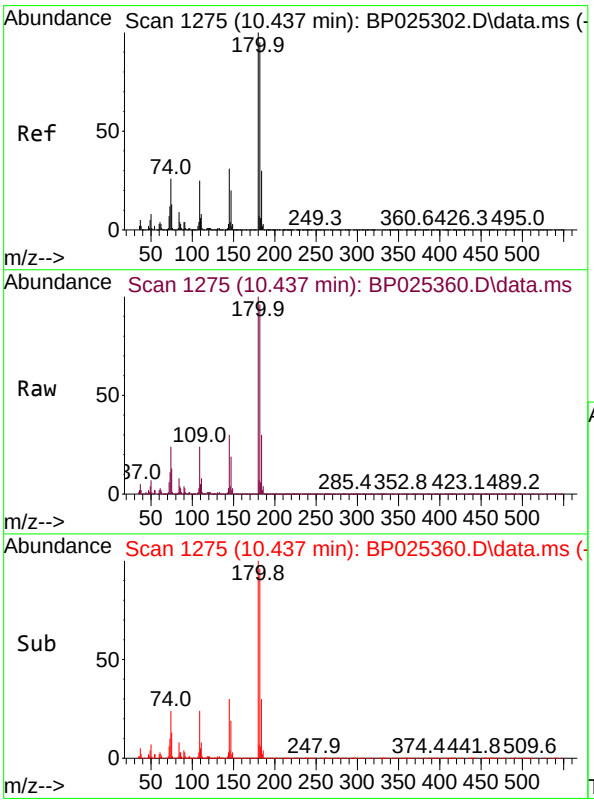
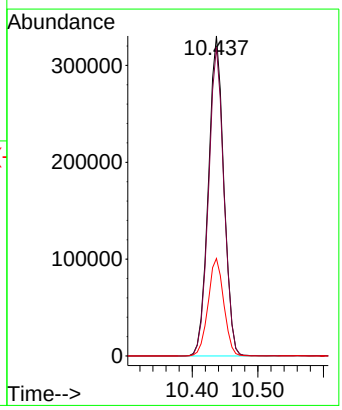
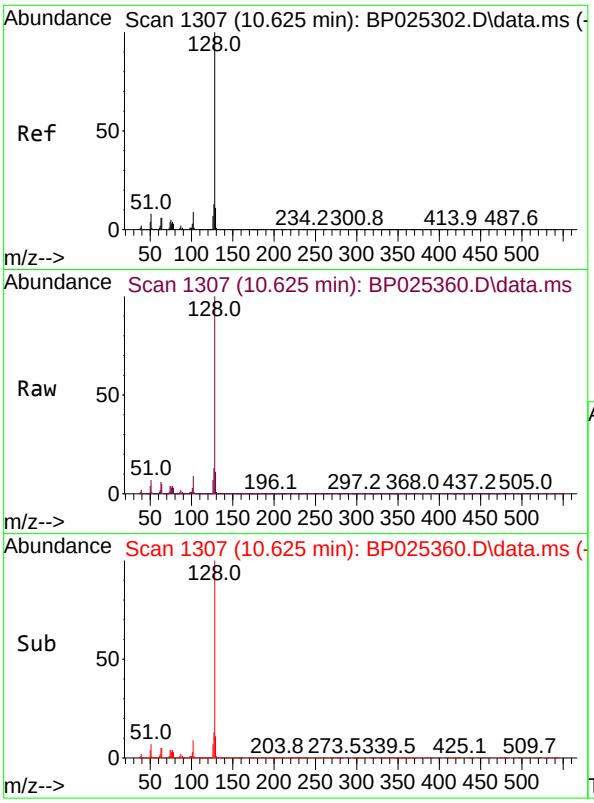


#30
1,2,4-Trichlorobenzene
Concen: 41.895 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:180 Resp: 540821

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.8
145	30.5	25.0	37.4

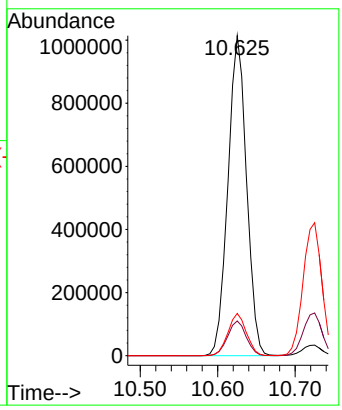




#31
Naphthalene
Concen: 40.429 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:128 Resp: 169330

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.2	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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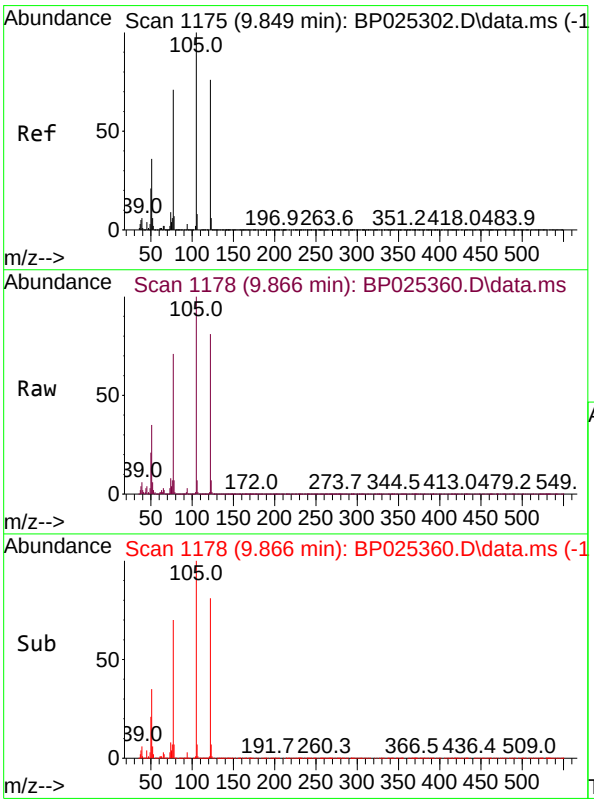
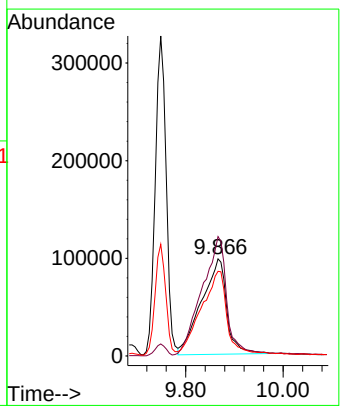
Supervised By :Jagrut Upadhyay 08/13/2025

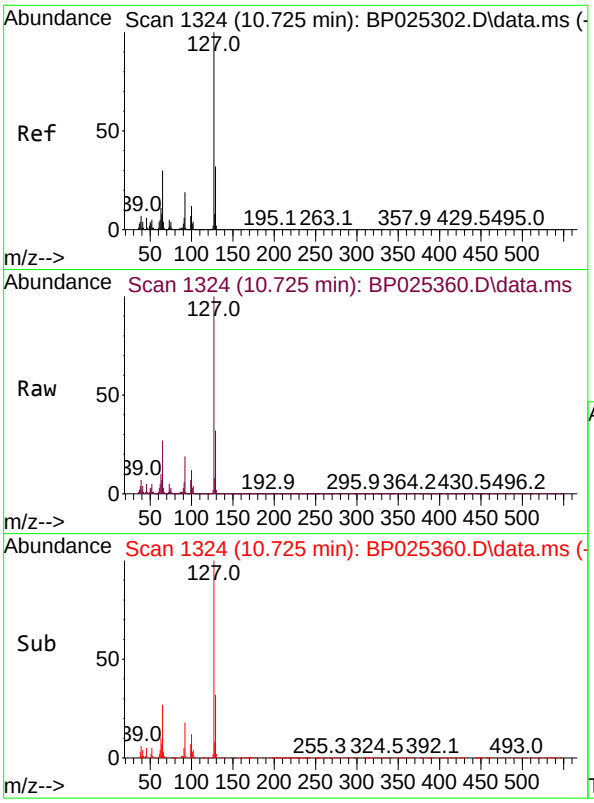


#32
Benzoic acid
Concen: 46.843 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.017 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:122 Resp: 353525

Ion	Ratio	Lower	Upper
122	100		
105	123.0	104.0	144.0
77	87.2	71.8	111.8

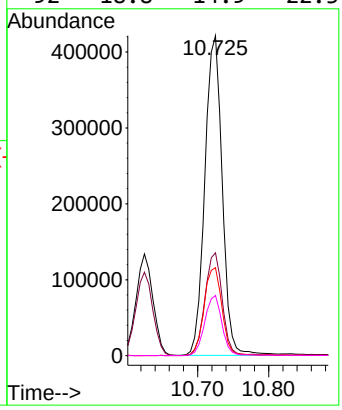




#33
4-Chloroaniline
Concen: 38.655 ng
RT: 10.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:127 Resp: 72006

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	27.5	23.6	35.4
92	18.8	14.9	22.3



Instrument :
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ClientSampleId :
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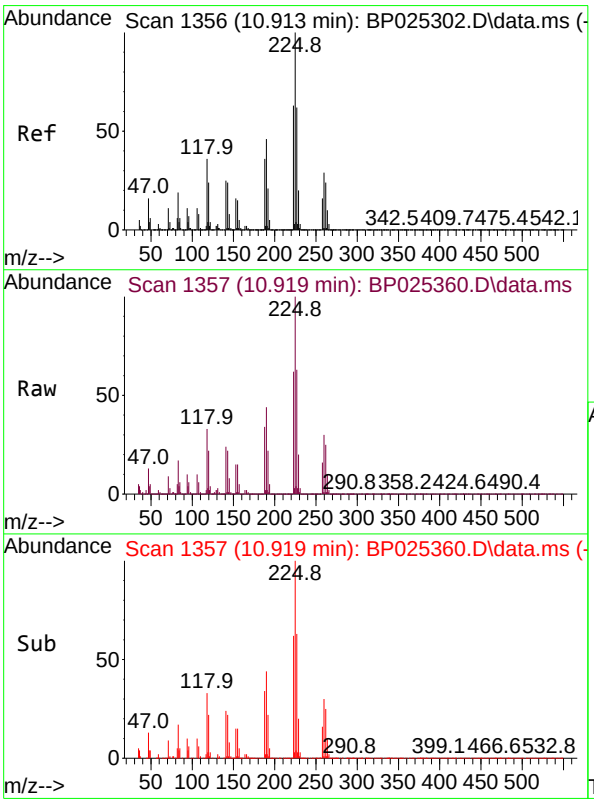
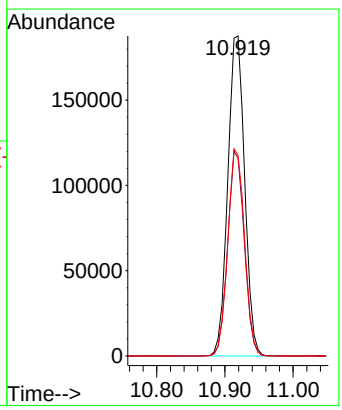
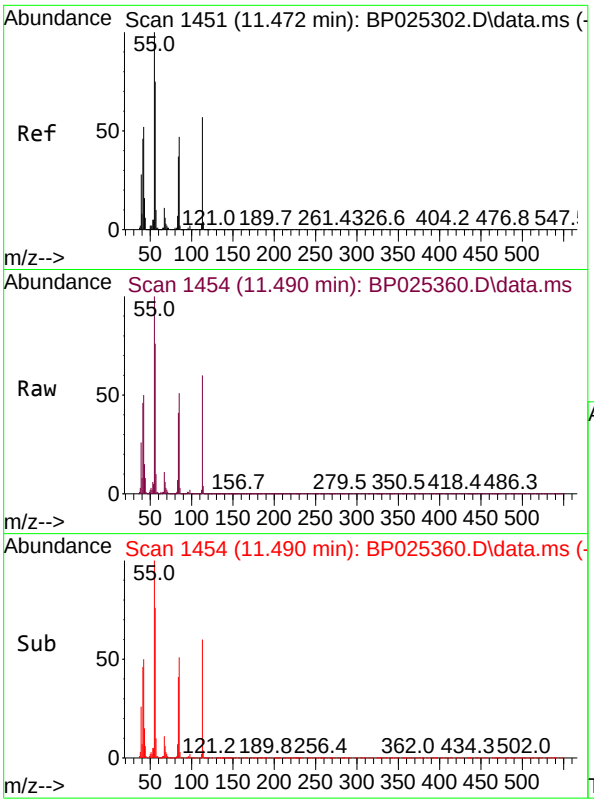


#34
Hexachlorobutadiene
Concen: 43.580 ng
RT: 10.919 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:225 Resp: 322928

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.3	75.5
227	62.8	49.7	74.5





#35
Caprolactam
Concen: 39.842 ng
RT: 11.490 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 18085

Ion	Ratio	Lower	Upper
113	100		
55	165.8	154.4	194.4
56	125.3	110.9	150.9

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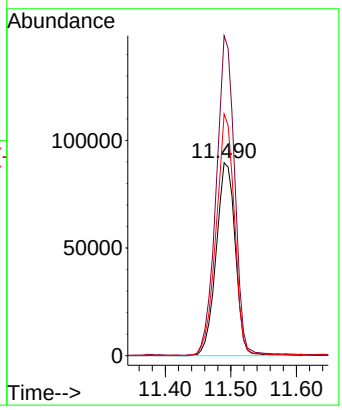
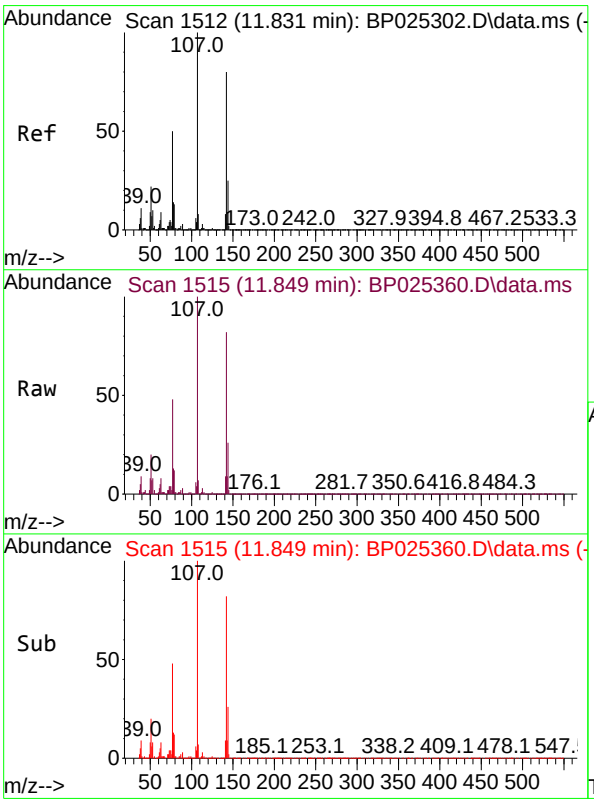
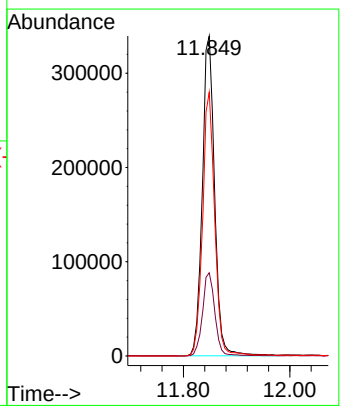


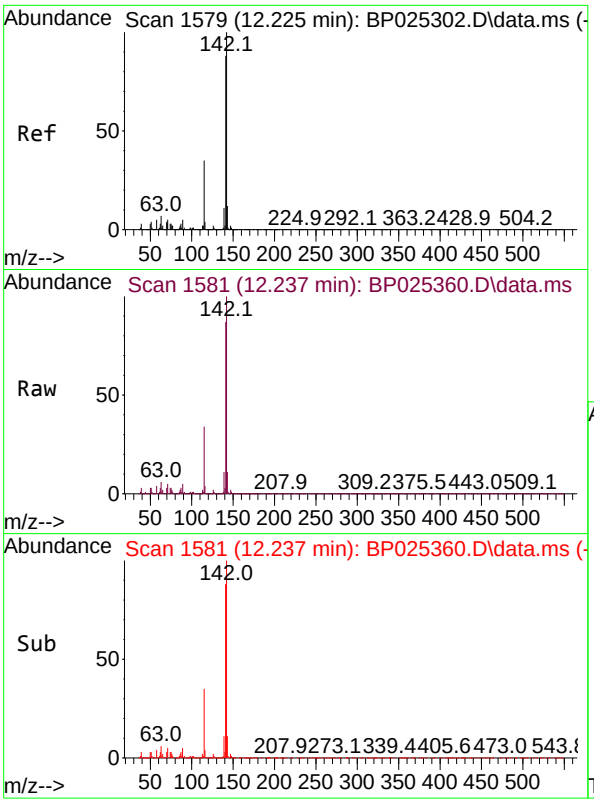


#36
4-Chloro-3-methylphenol
Concen: 40.098 ng
RT: 11.849 min Scan# 1515
Delta R.T. 0.018 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:107 Resp: 542891

Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.4	30.6
142	82.4	63.7	95.5





#37
2-Methylnaphthalene
Concen: 40.051 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:142 Resp: 108575

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	34.5	28.0	42.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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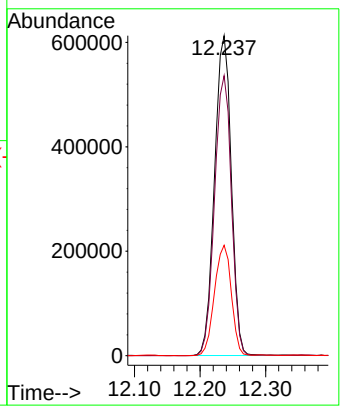
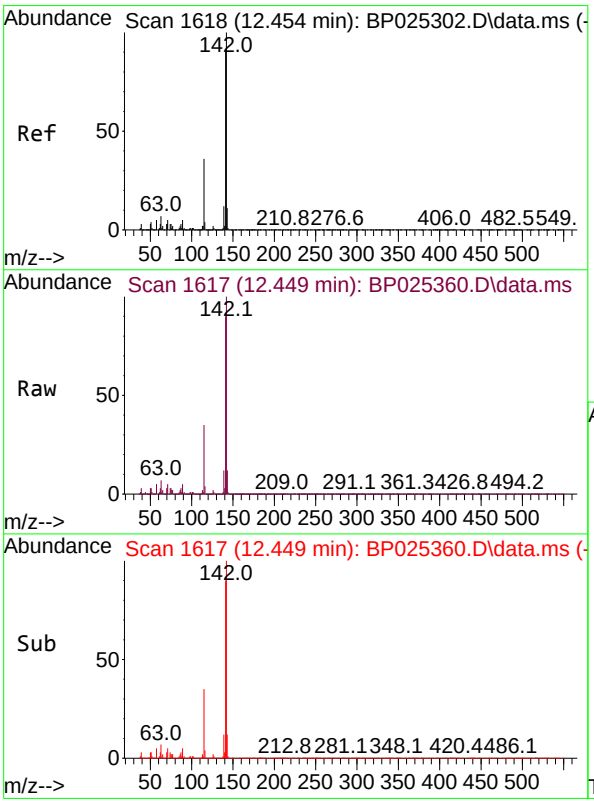
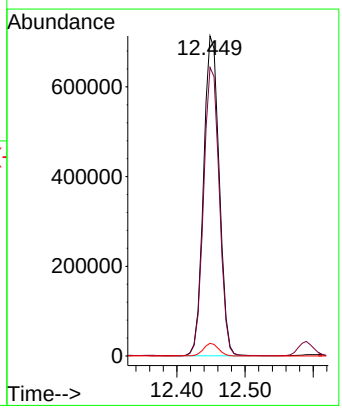


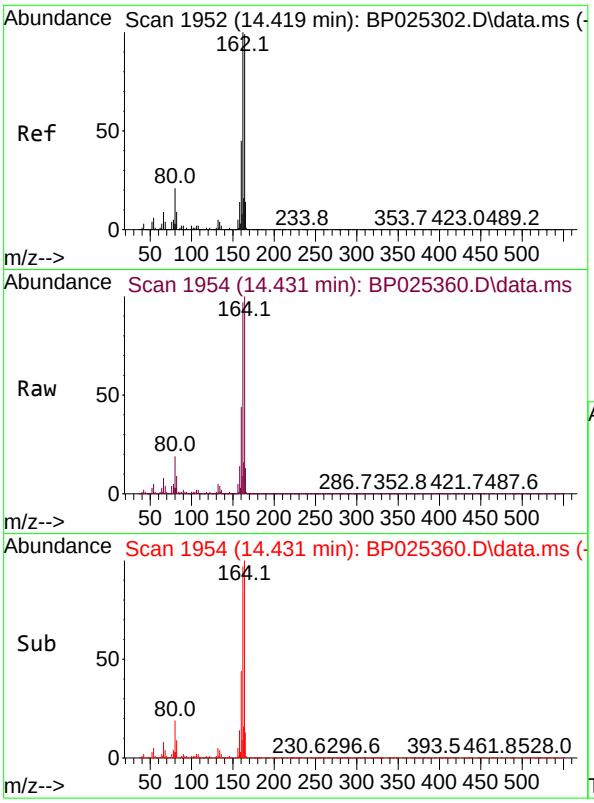


#38
1-Methylnaphthalene
Concen: 40.230 ng
RT: 12.449 min Scan# 1617
Delta R.T. -0.005 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:142 Resp: 1137953

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.6
116	3.9	3.0	4.6

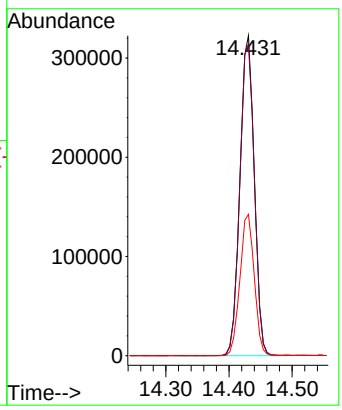




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.431 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:164 Resp: 51021

Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.6	120.8
160	44.1	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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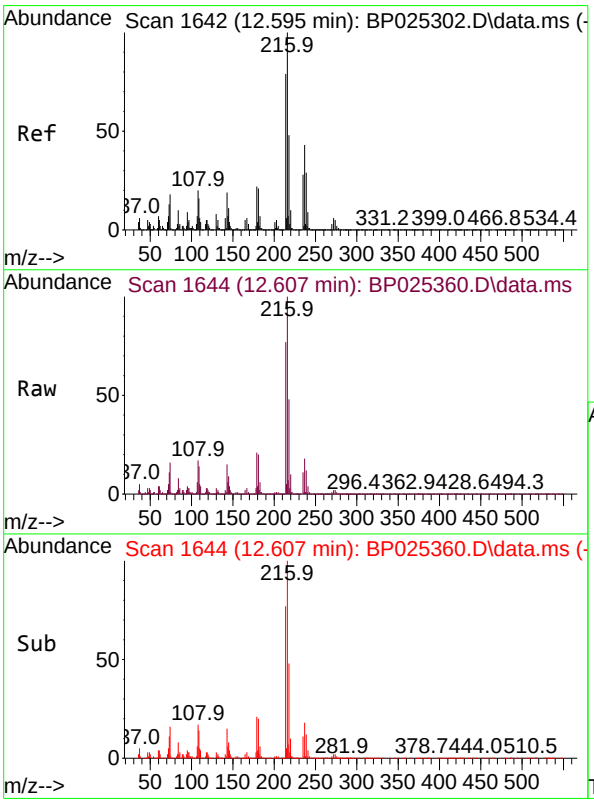
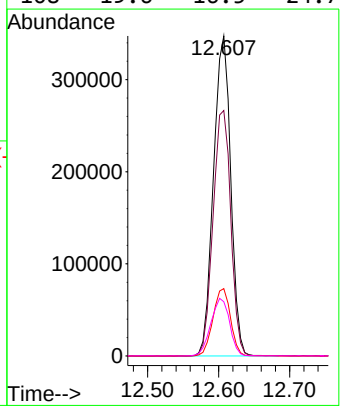
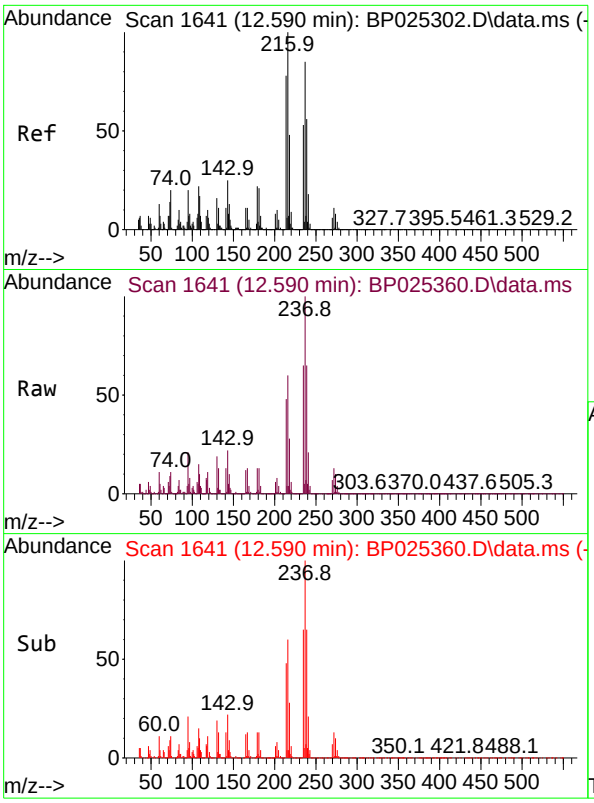


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.935 ng
RT: 12.607 min Scan# 1644
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:216 Resp: 584136

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.4	93.6
179	21.5	17.5	26.3
108	19.6	16.5	24.7

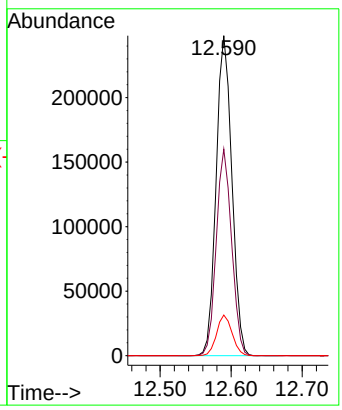




#41
Hexachlorocyclopentadiene
Concen: 44.201 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:237 Resp: 38000

Ion	Ratio	Lower	Upper
237	100		
235	64.6	42.2	82.2
272	12.7	0.0	32.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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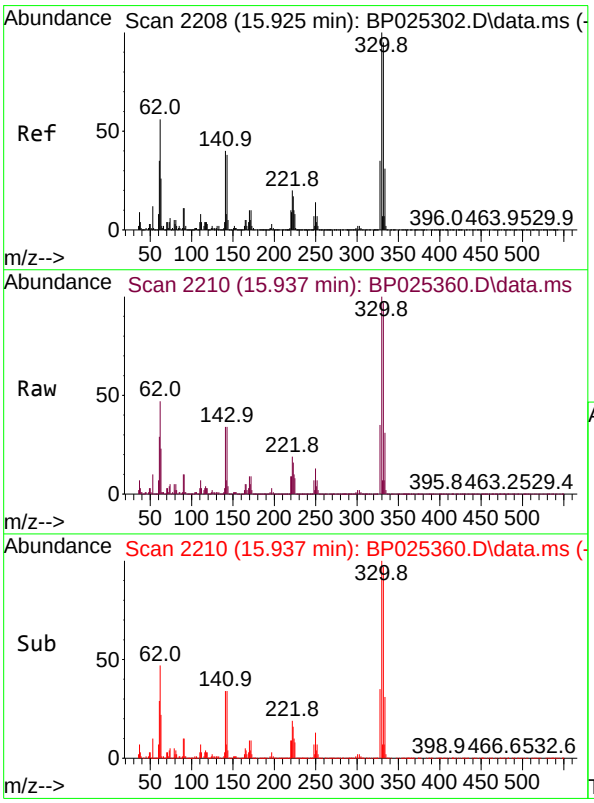
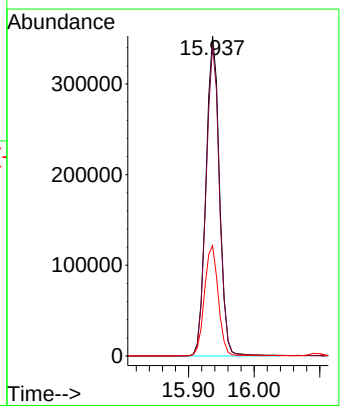
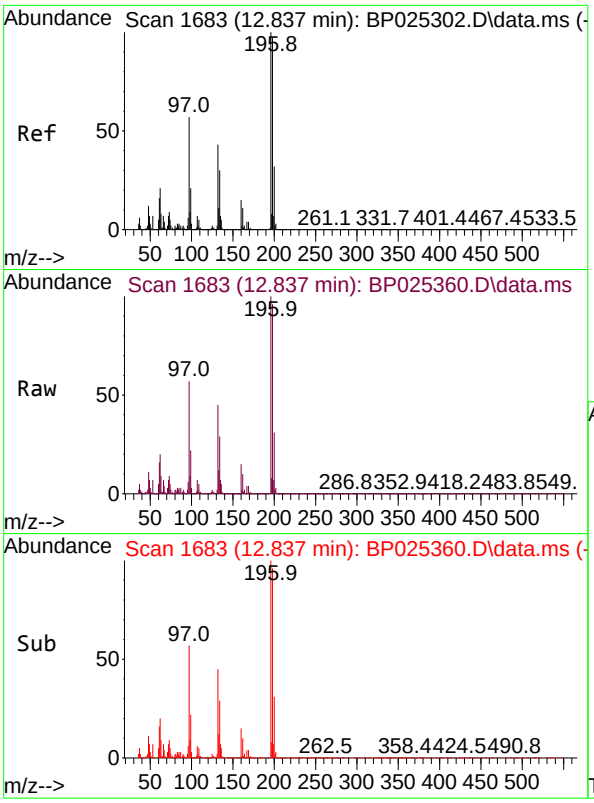


#42
2,4,6-Tribromophenol
Concen: 99.294 ng
RT: 15.937 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:330 Resp: 505405

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	35.4	31.7	47.5

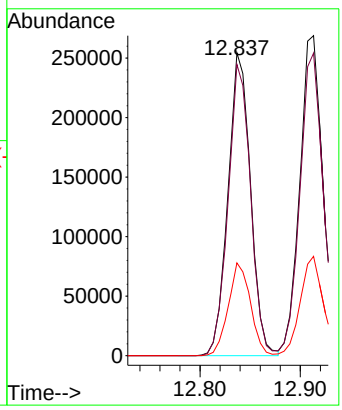




#43
2,4,6-Trichlorophenol
Concen: 44.246 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:196 Resp: 39814

Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.3	115.9
200	30.6	25.4	38.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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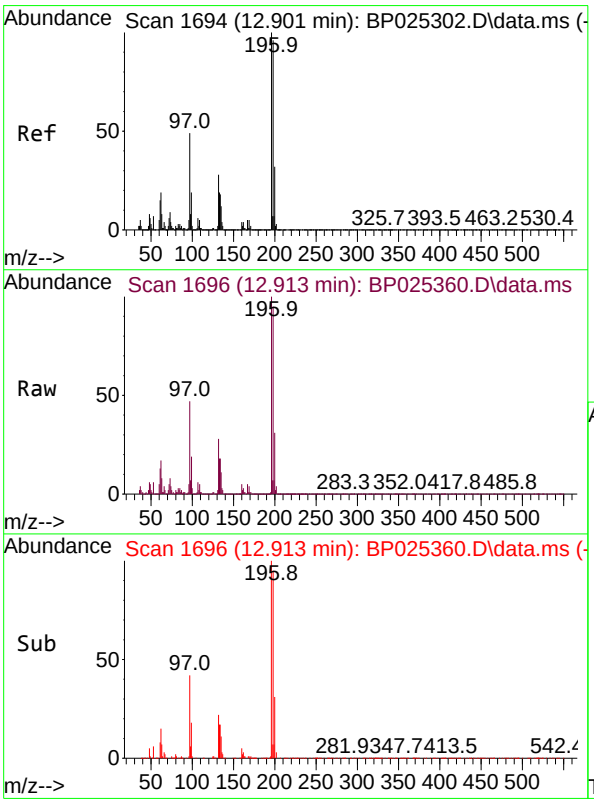
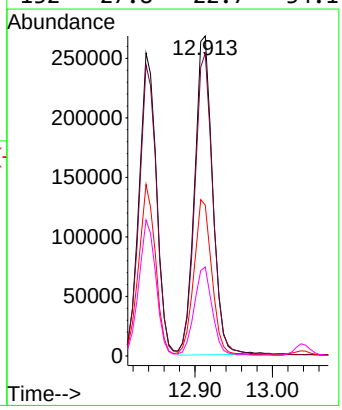
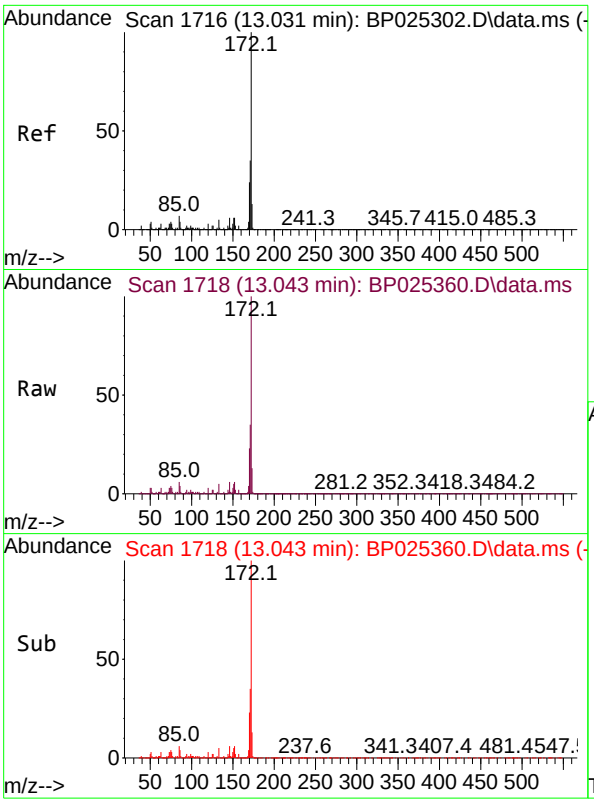


#44
2,4,5-Trichlorophenol
Concen: 42.887 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:196 Resp: 432915

Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.6	114.8
97	47.1	39.5	59.3
132	27.8	22.7	34.1

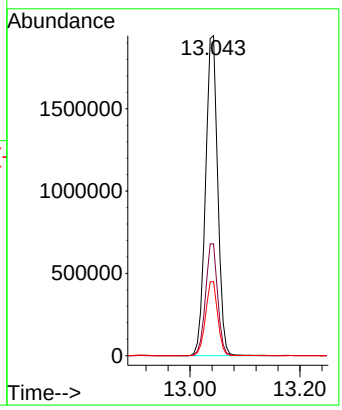




#45
2-Fluorobiphenyl
Concen: 80.727 ng
RT: 13.043 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:172 Resp: 298202

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.2	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
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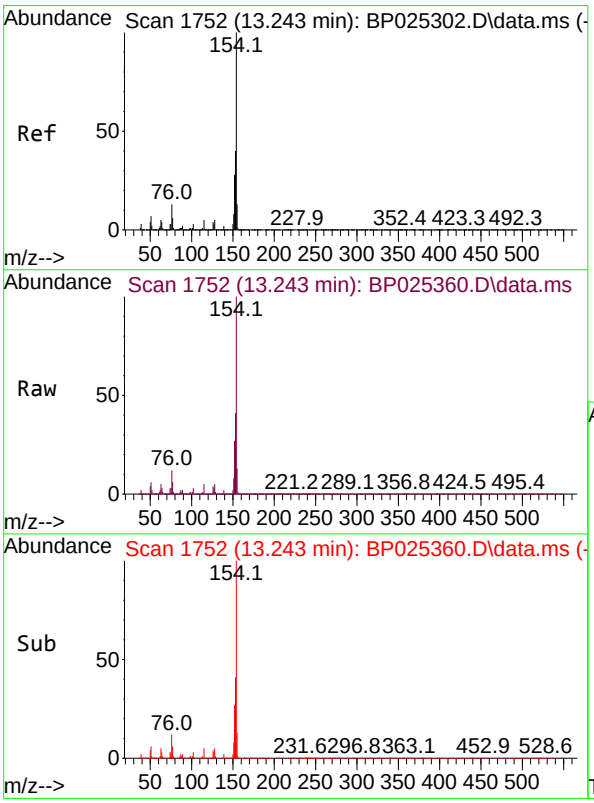
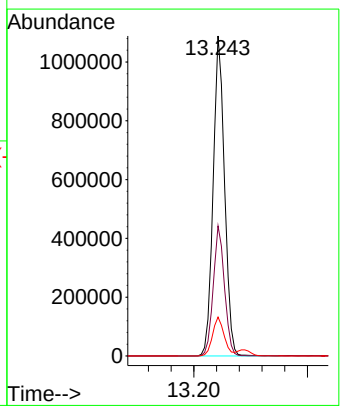
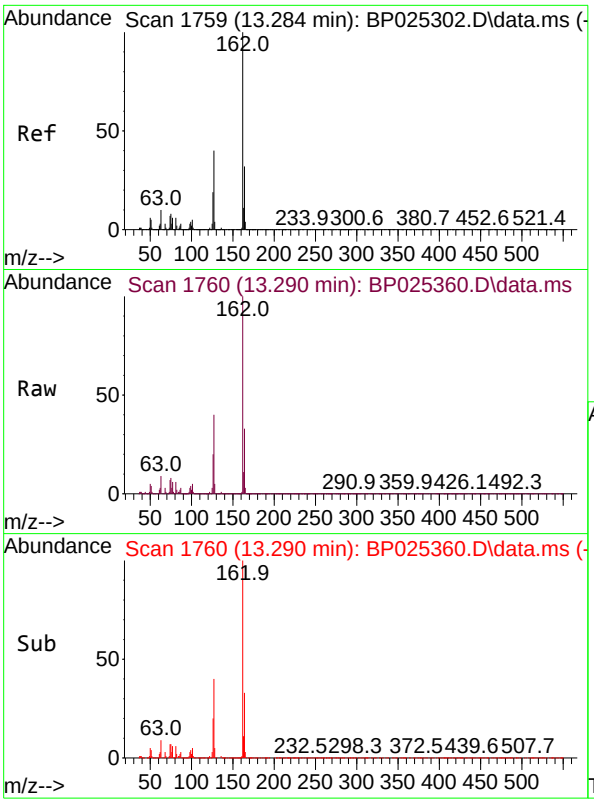


#46
1,1'-Biphenyl
Concen: 40.262 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:154 Resp: 1513840

Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.9	59.9
76	12.1	0.0	33.2





#47
2-Chloronaphthalene
Concen: 40.740 ng
RT: 13.290 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 116867

Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.2	48.2
164	32.9	25.9	38.9

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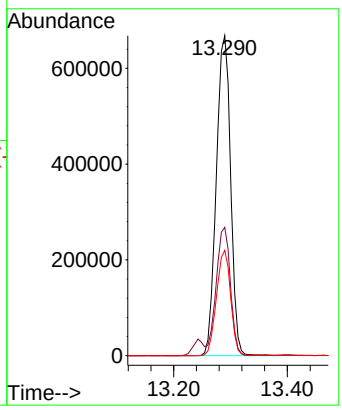
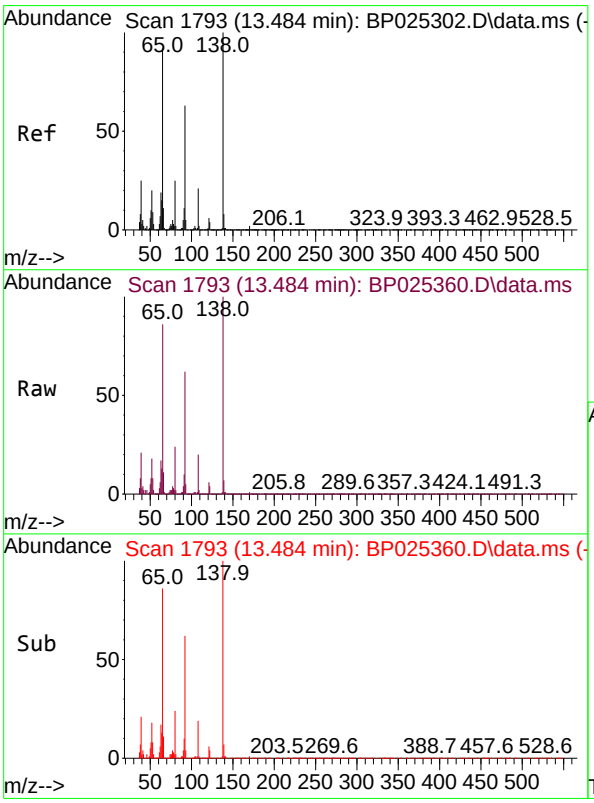
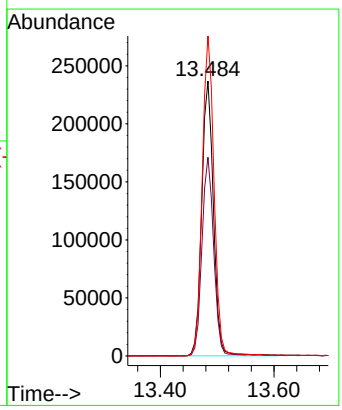


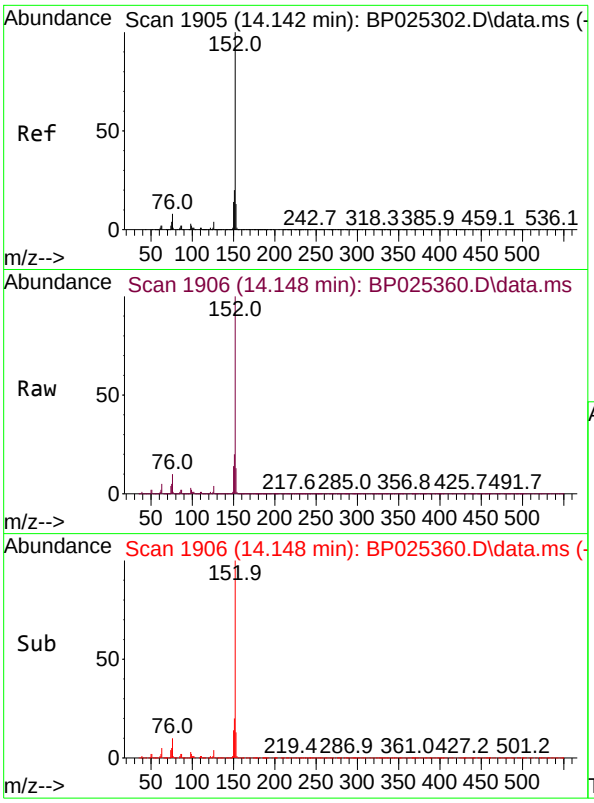


#48
2-Nitroaniline
Concen: 40.947 ng
RT: 13.484 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion: 65 Resp: 340186

Ion	Ratio	Lower	Upper
65	100		
92	72.3	54.4	81.6
138	116.4	87.0	130.4





#49
Acenaphthylene
Concen: 40.266 ng
RT: 14.148 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 192667

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.1	10.4	15.6

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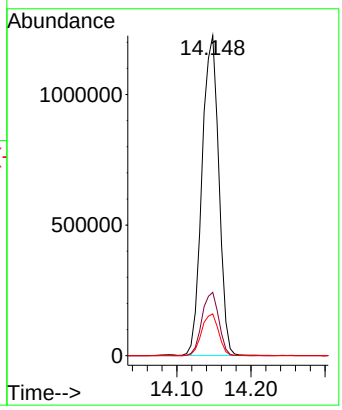
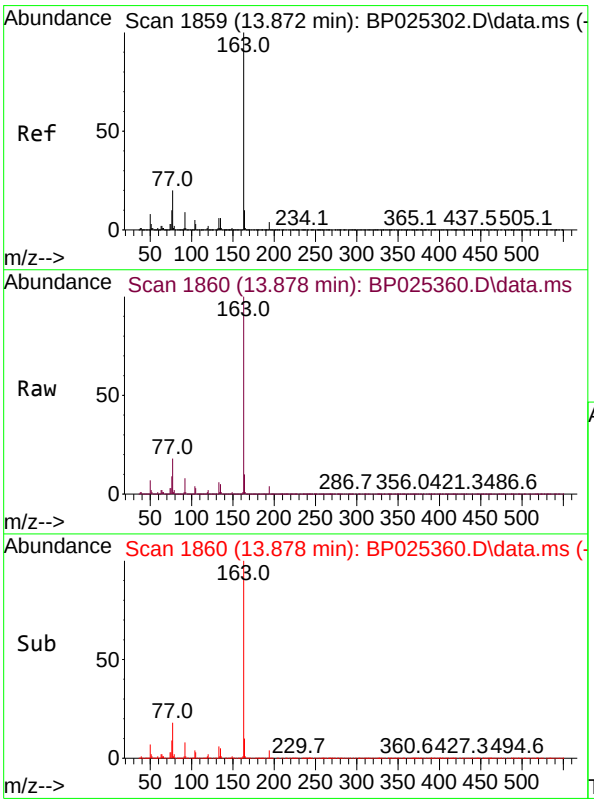
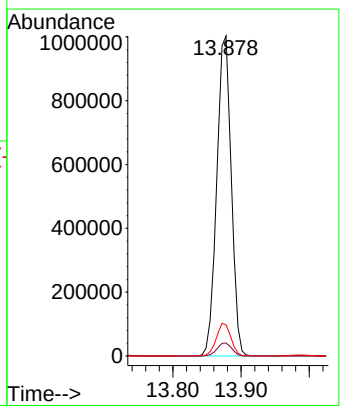


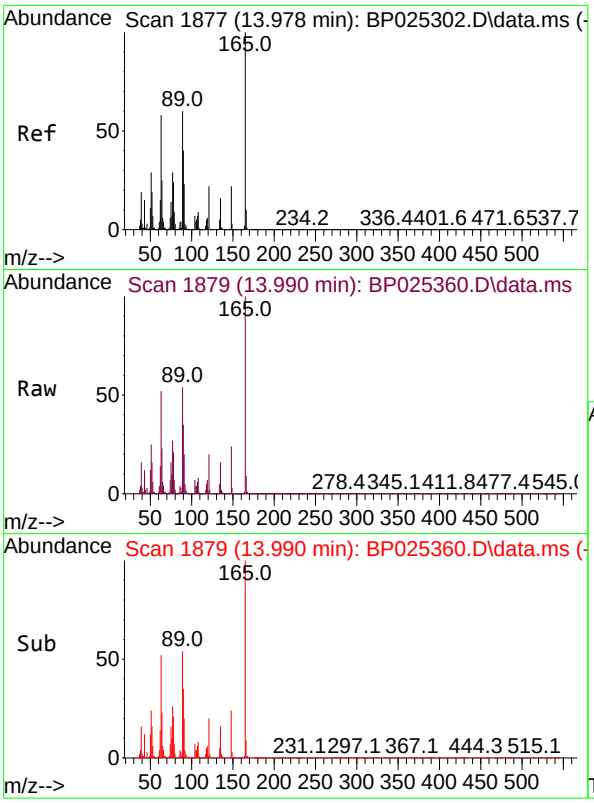


#50
Dimethylphthalate
Concen: 39.945 ng
RT: 13.878 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:163 Resp: 1485732

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.7	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 47.464 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:165 Resp: 32563

Ion	Ratio	Lower	Upper
165	100		
63	52.1	47.6	71.4
89	53.8	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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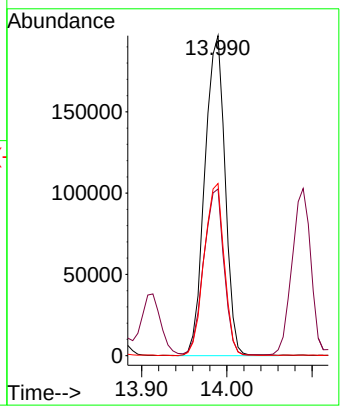
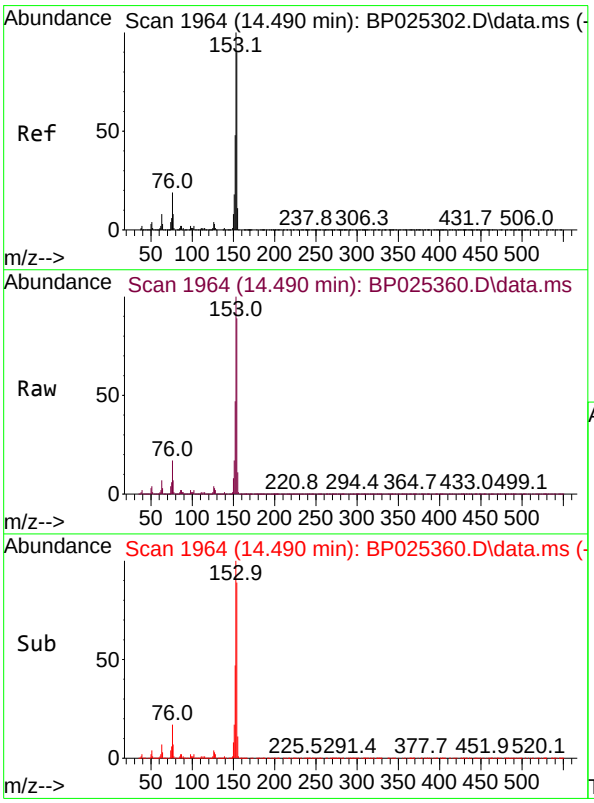
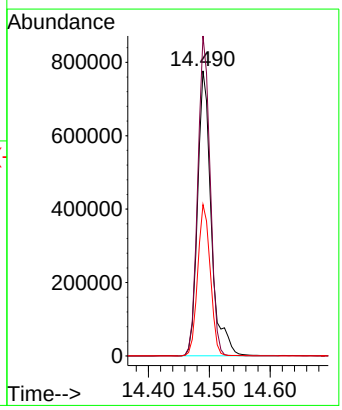


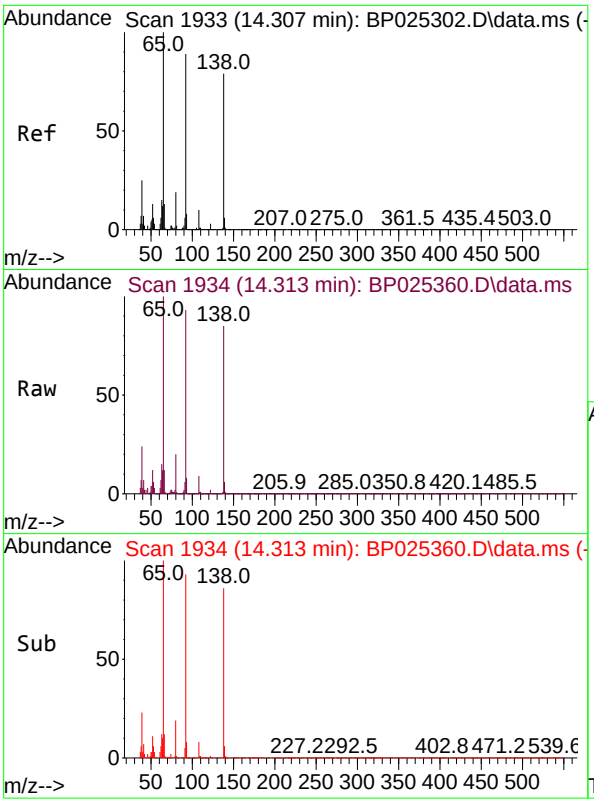


#52
Acenaphthene
Concen: 41.464 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:154 Resp: 1210197

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.4	134.0
152	53.1	43.0	64.6





#53
3-Nitroaniline
Concen: 45.776 ng
RT: 14.313 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:138 Resp: 36747

Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.5	15.7
92	109.6	90.9	136.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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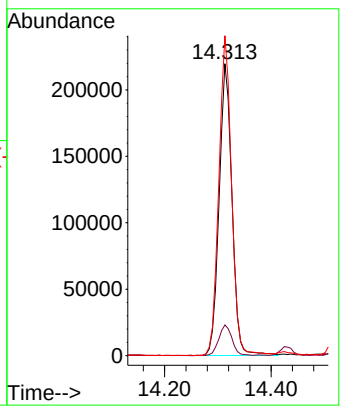
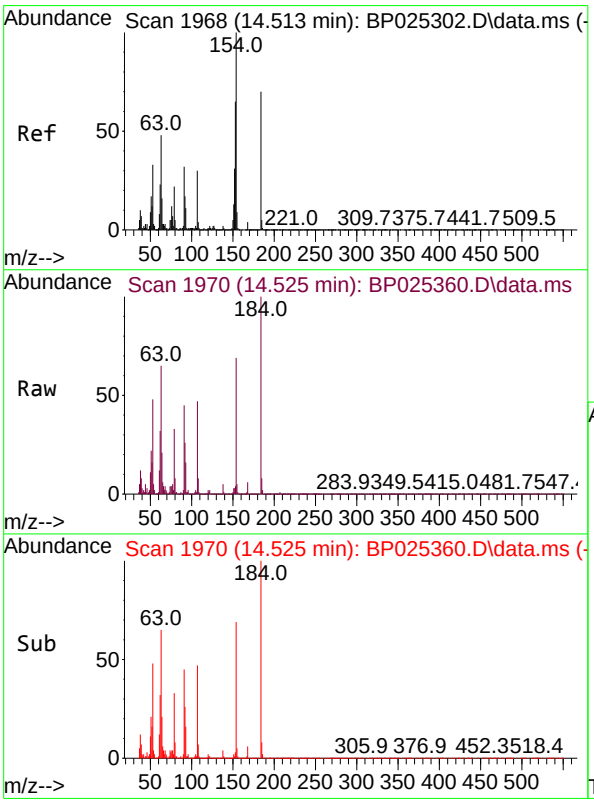
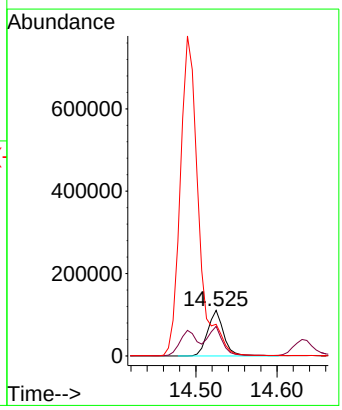


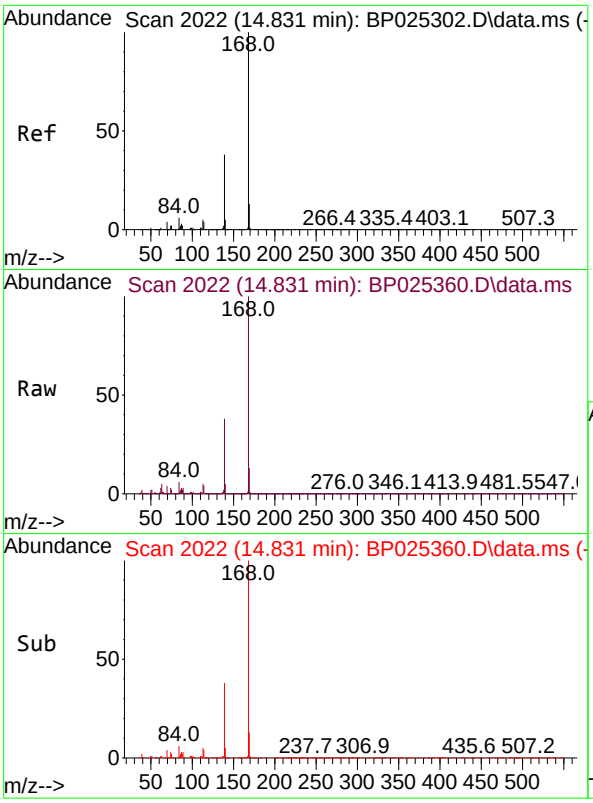


#54
2,4-Dinitrophenol
Concen: 51.187 ng
RT: 14.525 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:184 Resp: 151086

Ion	Ratio	Lower	Upper
184	100		
63	65.0	56.3	84.5
154	69.5	124.5	186.7#

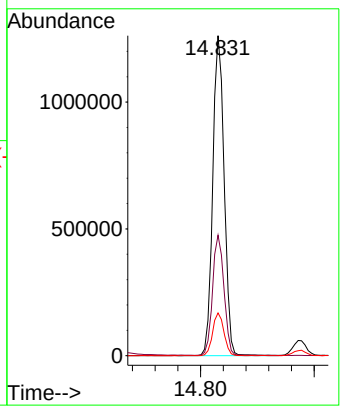




#55
Dibenzofuran
Concen: 40.091 ng
RT: 14.831 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:168 Resp: 174861

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	13.3	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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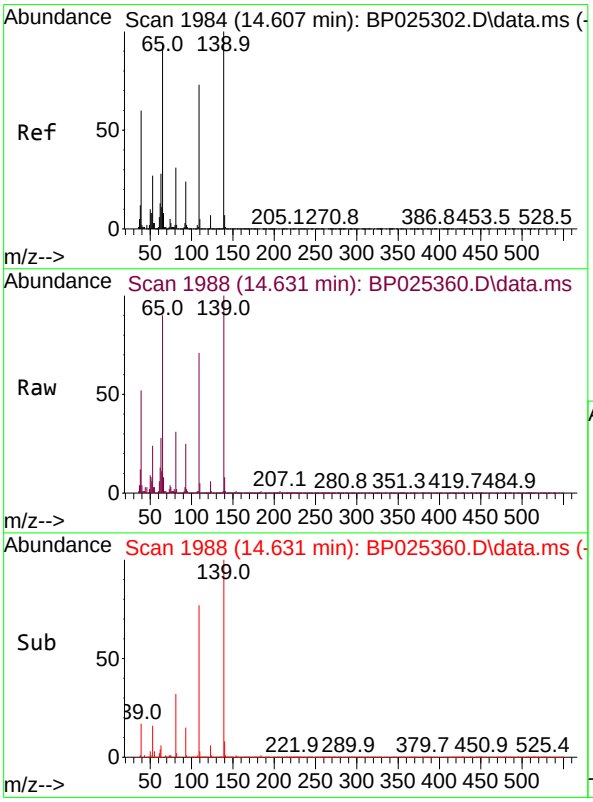
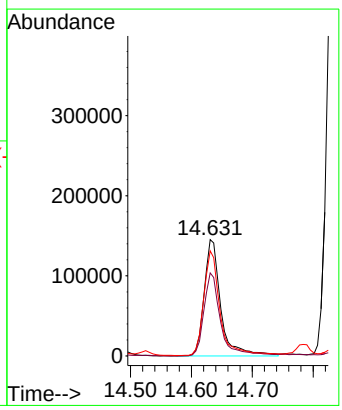
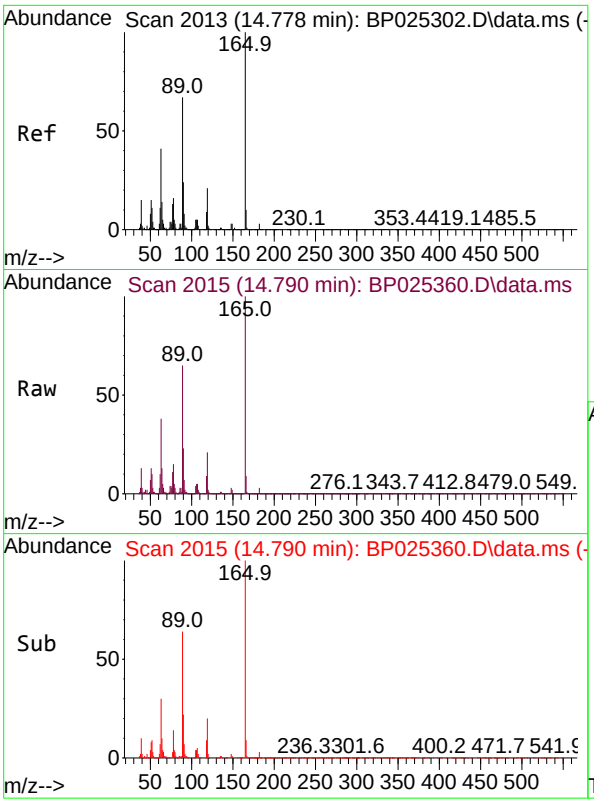


#56
4-Nitrophenol
Concen: 38.916 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.024 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:139 Resp: 275723

Ion	Ratio	Lower	Upper
139	100		
109	71.4	52.7	92.7
65	90.4	73.4	113.4

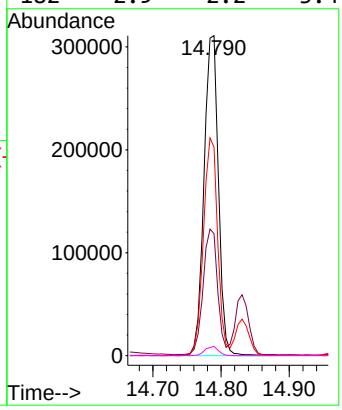




#57
2,4-Dinitrotoluene
Concen: 43.380 ng
RT: 14.790 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:165 Resp: 45777

Ion	Ratio	Lower	Upper
165	100		
63	38.1	33.2	49.8
89	65.1	53.5	80.3
182	2.9	2.2	3.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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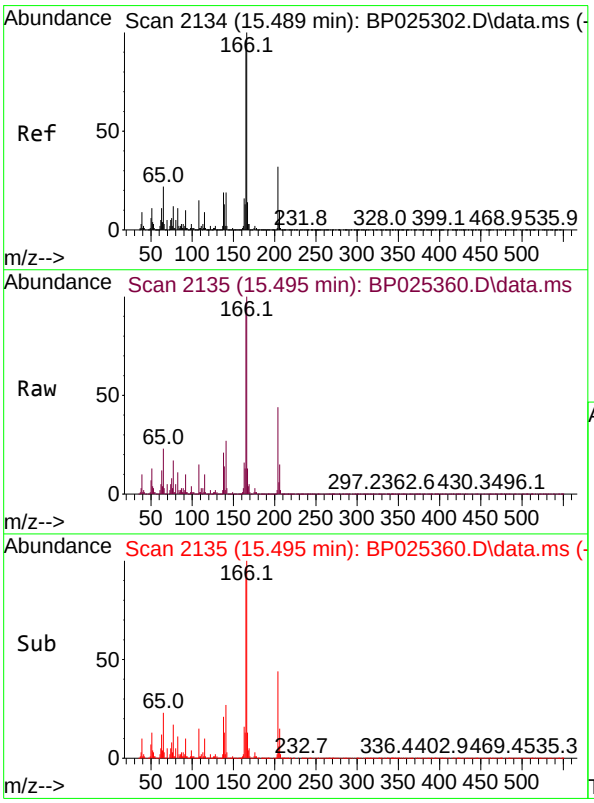
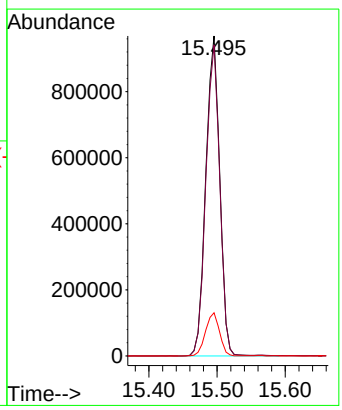
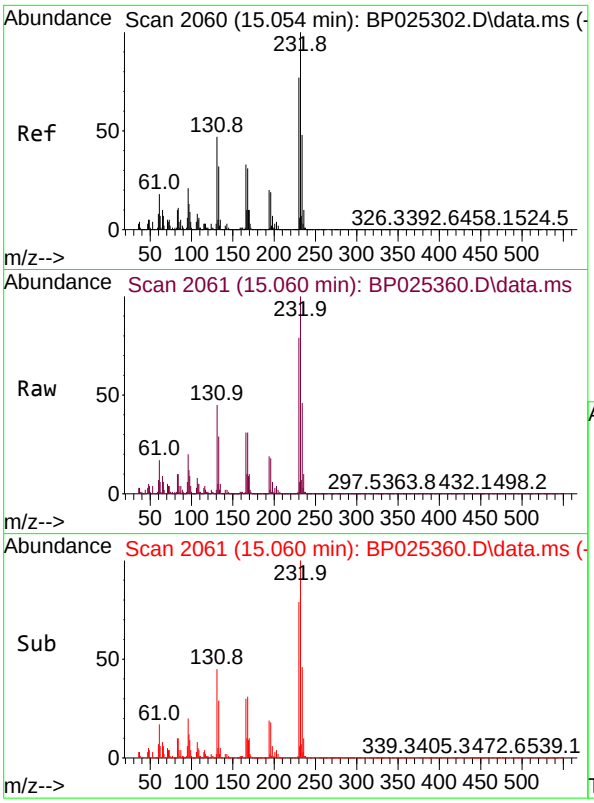


#58
Fluorene
Concen: 40.245 ng
RT: 15.495 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:166 Resp: 1378667

Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.7	115.1
167	13.5	10.9	16.3

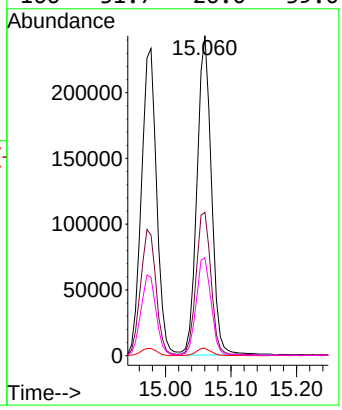




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.239 ng
RT: 15.060 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:232 Resp: 37302

Ion	Ratio	Lower	Upper
232	100		
131	46.5	39.3	58.9
130	2.4	2.2	3.2
166	31.7	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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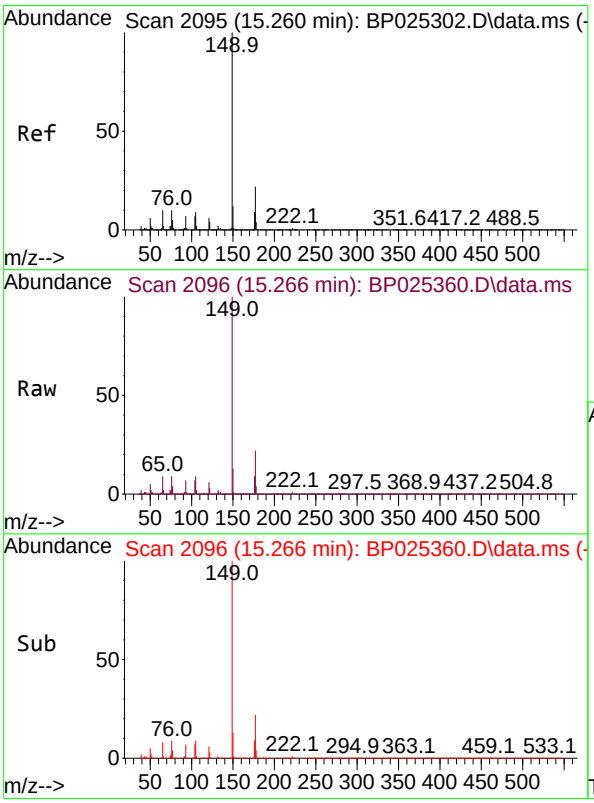
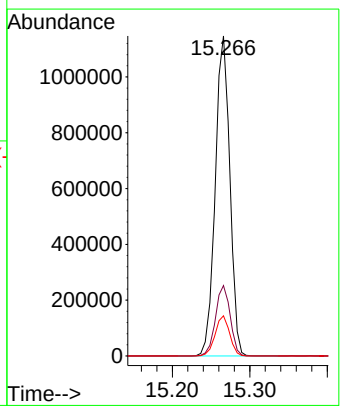
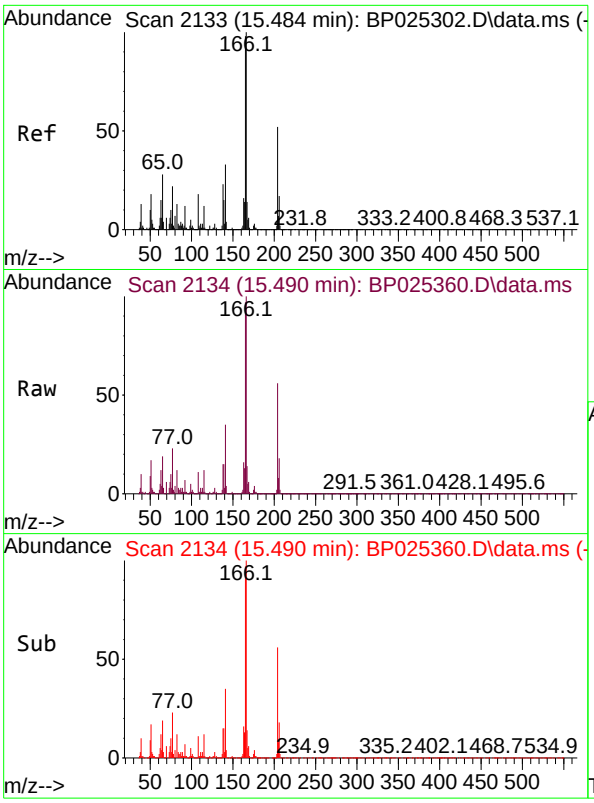


#60
Diethylphthalate
Concen: 39.922 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:149 Resp: 1496993

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.6	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 40.936 ng
RT: 15.490 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 66481

Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.0	40.4
141	62.3	50.3	75.5

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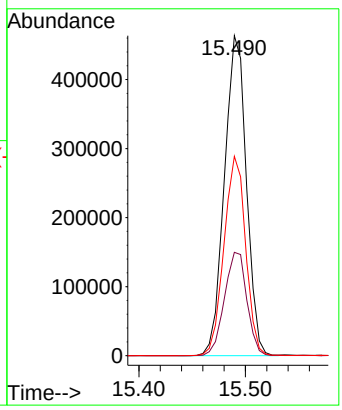
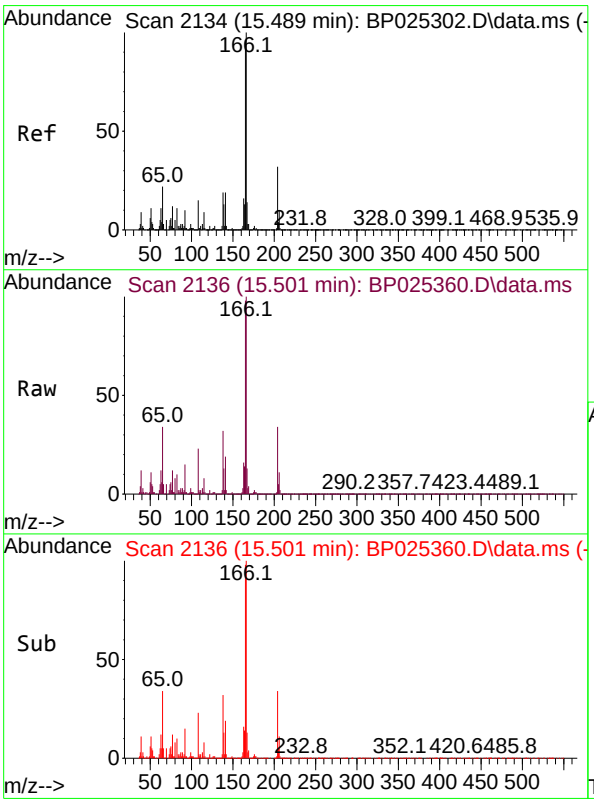
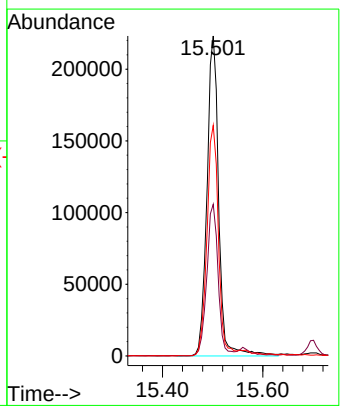


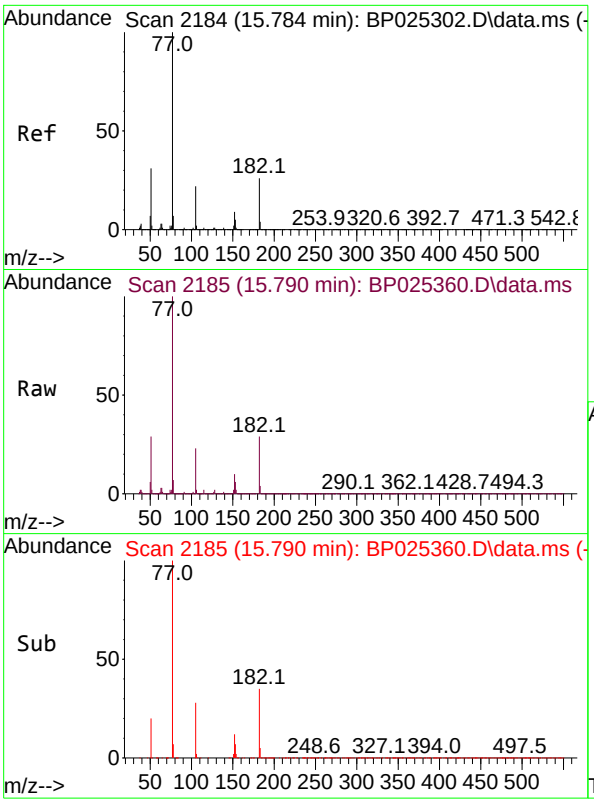


#62
4-Nitroaniline
Concen: 45.592 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:138 Resp: 362655

Ion	Ratio	Lower	Upper
138	100		
92	47.4	29.8	69.8
108	72.1	56.6	96.6





#63
Azobenzene
Concen: 38.207 ng
RT: 15.790 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 133096

Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.0	46.0
105	23.2	2.1	42.1
51	29.0	11.0	51.0

Manual Integrations
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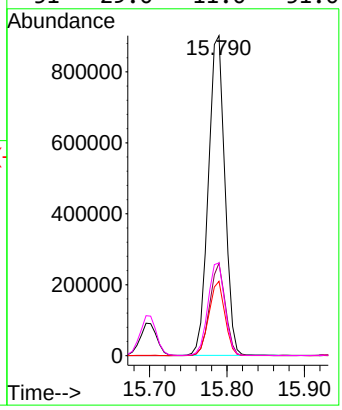
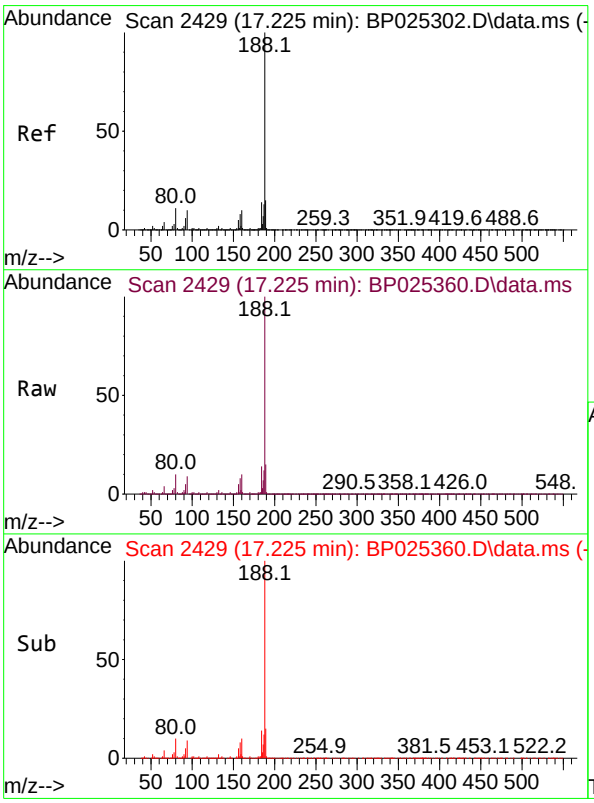
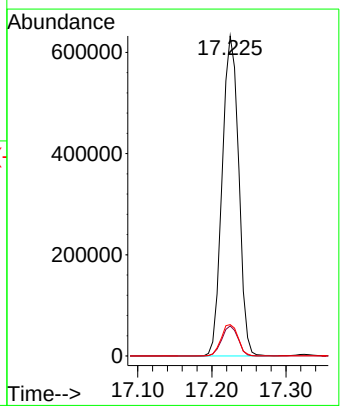


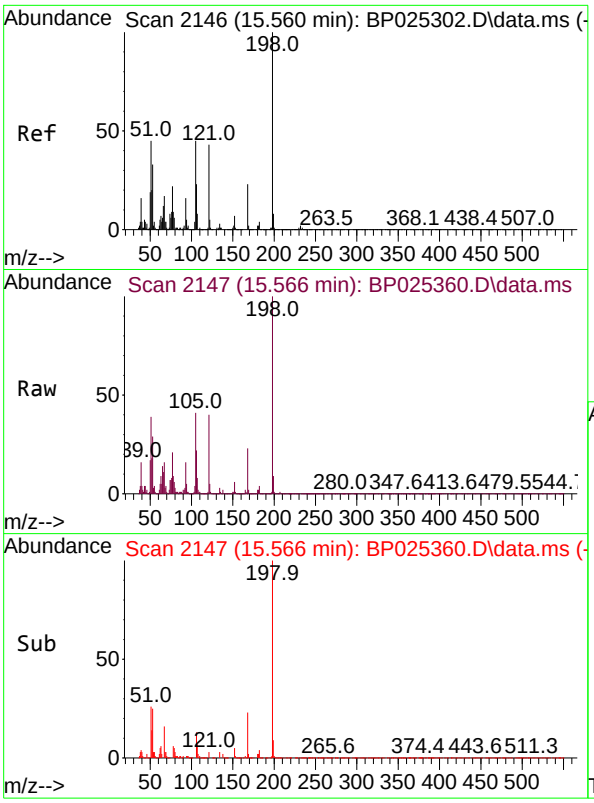


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:188 Resp: 980228

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	9.8	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 53.009 ng
RT: 15.566 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 23930

Ion	Ratio	Lower	Upper
198	100		
51	39.0	26.7	66.7
105	41.2	25.6	65.6

Manual Integrations
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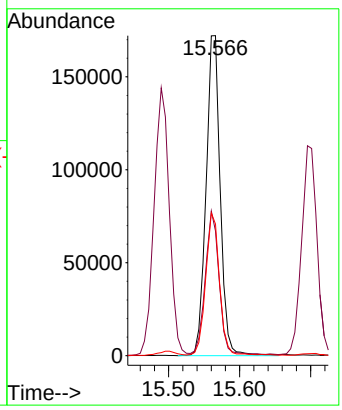
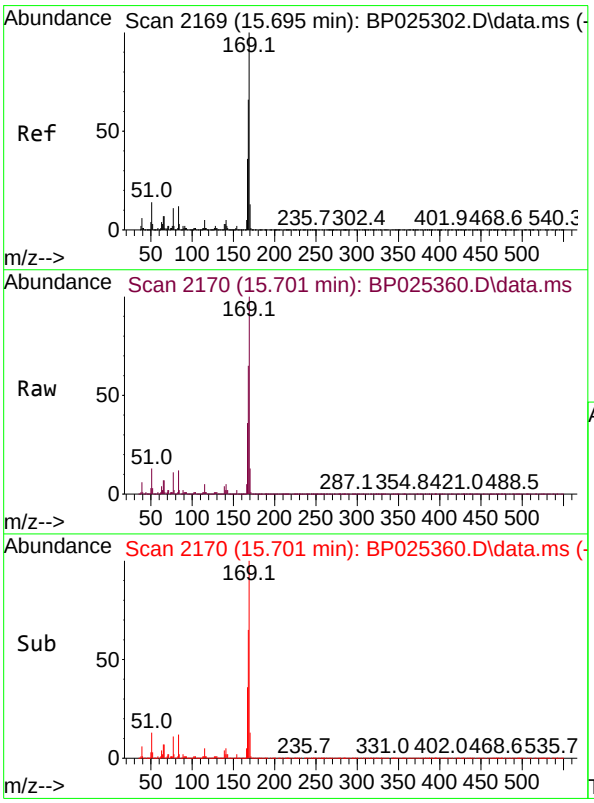
Supervised By :Jagrut Upadhyay 08/13/2025

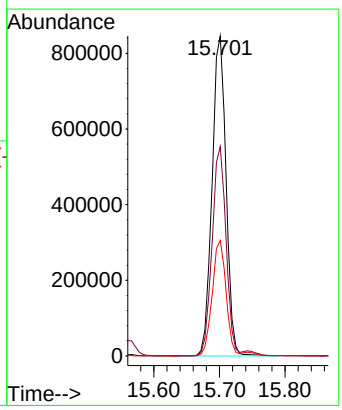


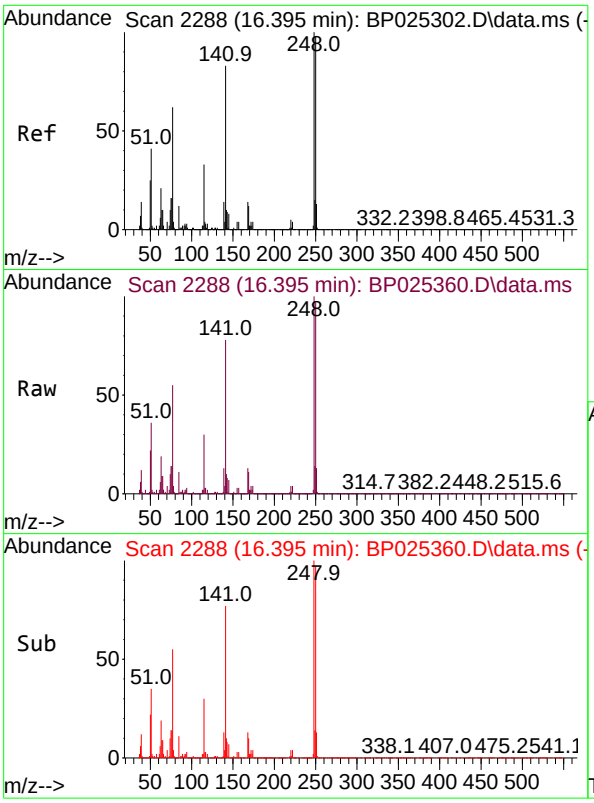


#66
n-Nitrosodiphenylamine
Concen: 41.916 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:169 Resp: 1251042

Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.8	79.2
167	36.1	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 43.265 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 42671

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	117.8
141	77.6	66.6	99.8

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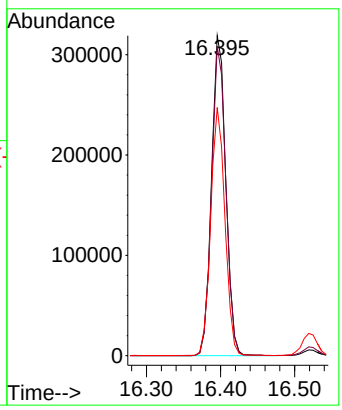
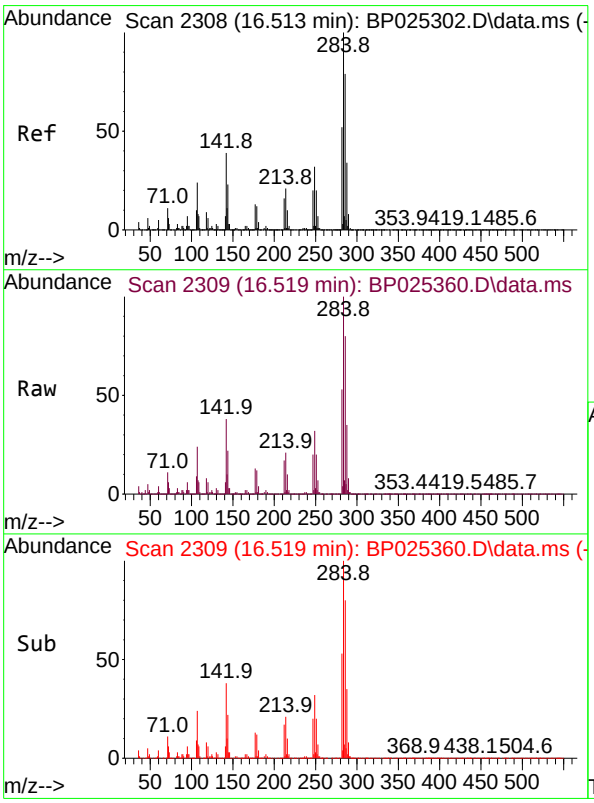
Supervised By :Jagrut Upadhyay 08/13/2025

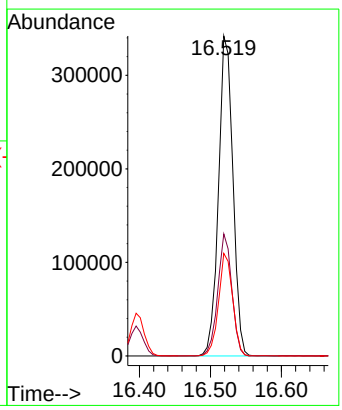


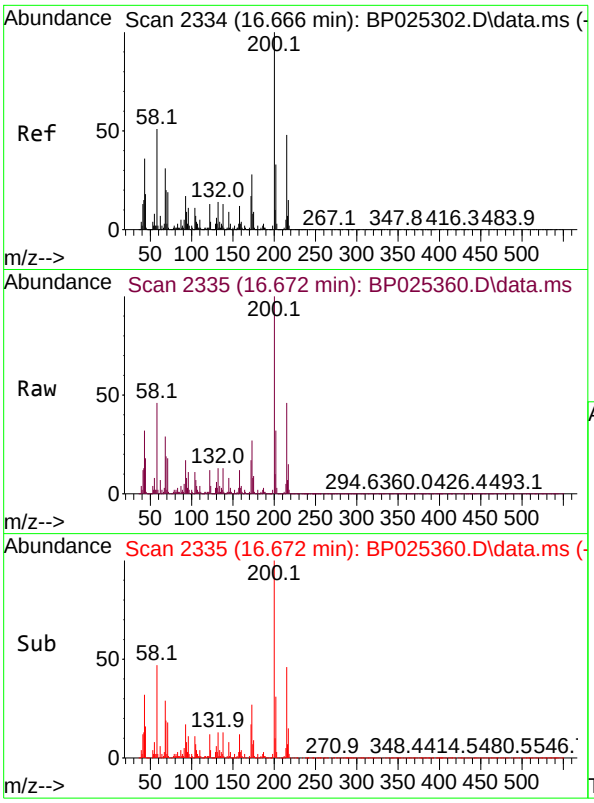


#68
Hexachlorobenzene
Concen: 43.296 ng
RT: 16.519 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:284 Resp: 479138

Ion	Ratio	Lower	Upper
284	100		
142	38.2	30.8	46.2
249	32.1	25.4	38.0





#69
Atrazine
Concen: 42.766 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 44887

Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.2	48.2
215	46.4	28.1	68.1

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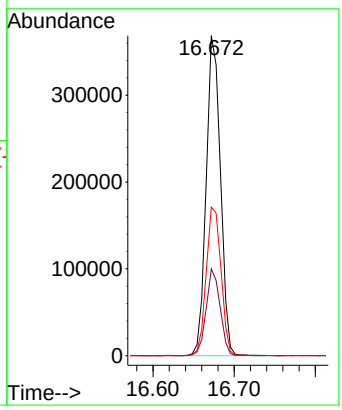
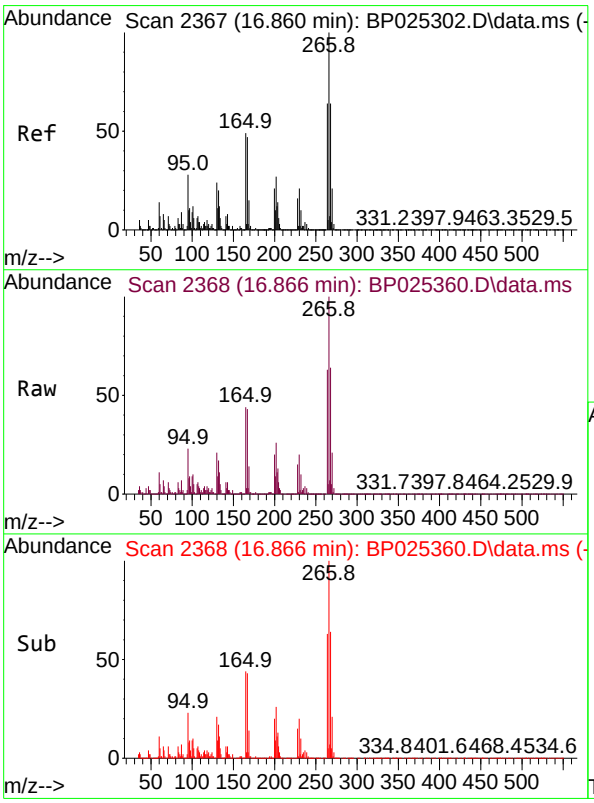
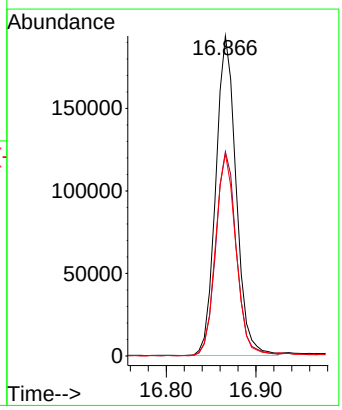


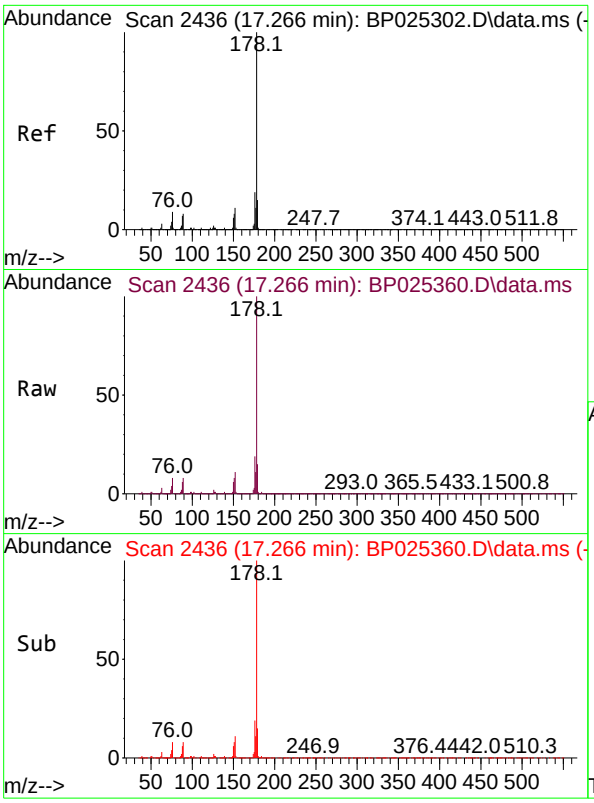


#70
Pentachlorophenol
Concen: 43.240 ng
RT: 16.866 min Scan# 2368
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:266 Resp: 304867

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.4	77.0
264	63.2	51.1	76.7

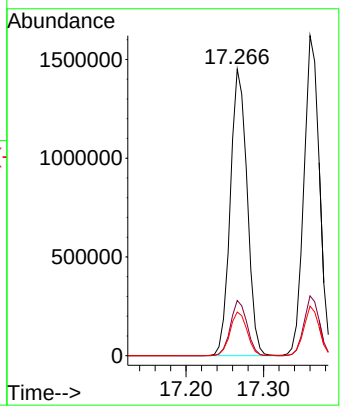




#71
Phenanthrene
Concen: 40.873 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:178 Resp: 219441

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.1	18.1



Instrument :
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ClientSampleId :
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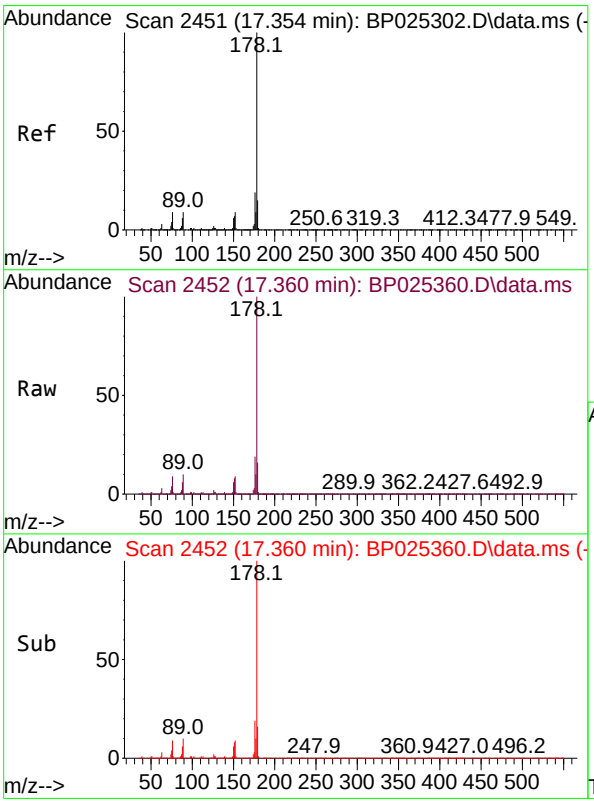
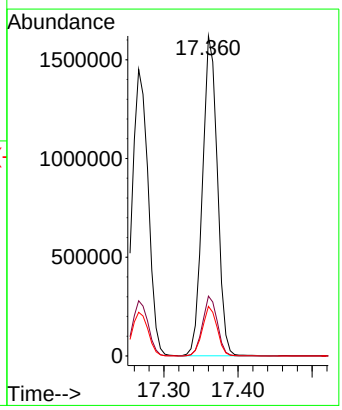
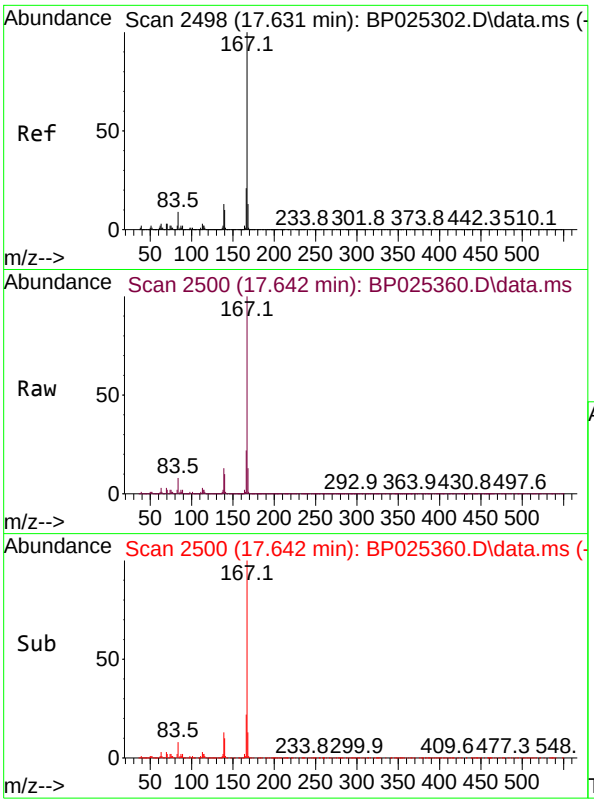


#72
Anthracene
Concen: 41.766 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:178 Resp: 2260955

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.5	12.3	18.5

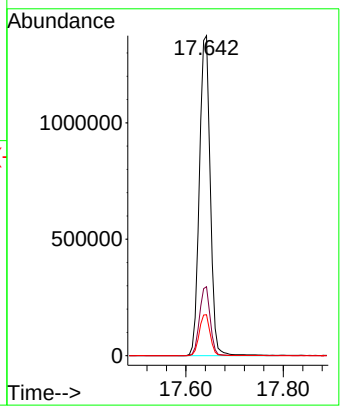




#73
Carbazole
Concen: 40.867 ng
RT: 17.642 min Scan# 2
Delta R.T. 0.011 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:167 Resp: 212365

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.8	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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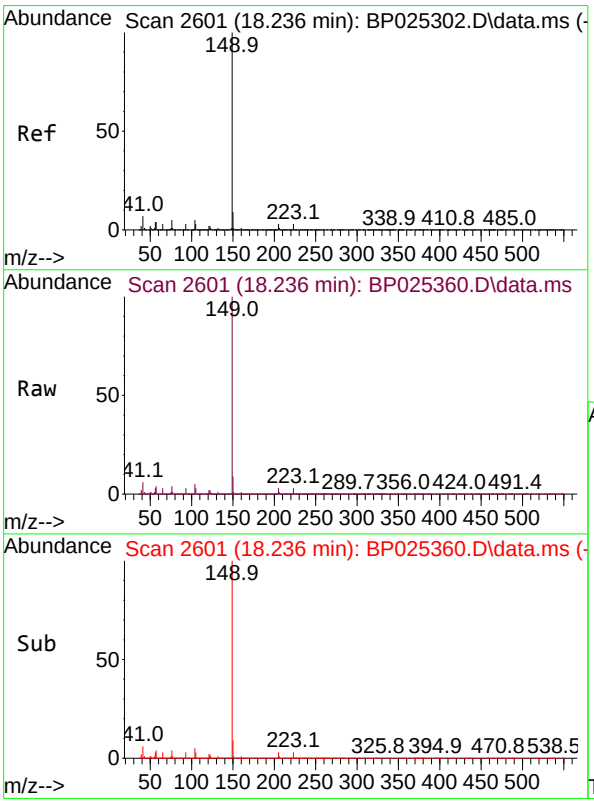
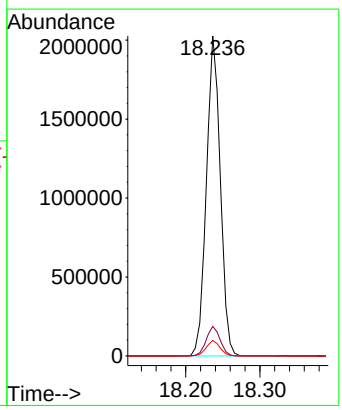
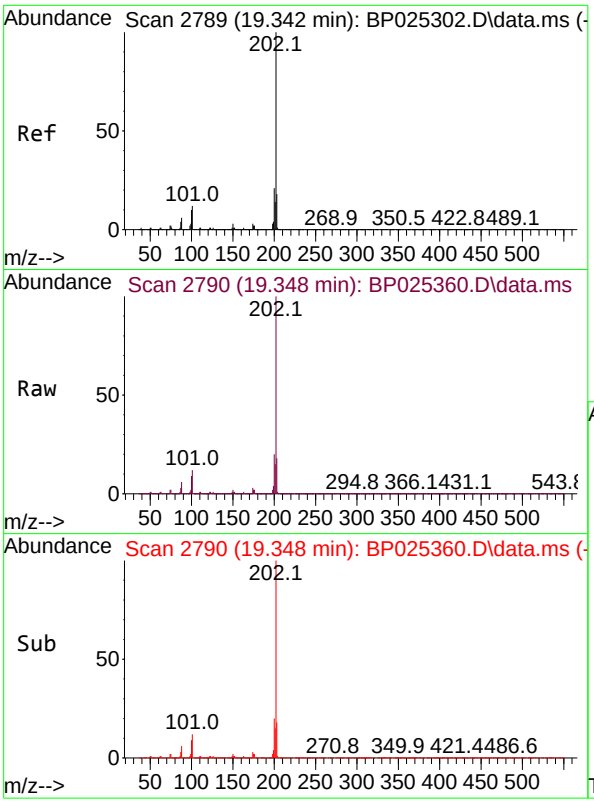


#74
Di-n-butylphthalate
Concen: 42.037 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:149 Resp: 2642646

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.9	4.1	6.1





#75
Fluoranthene
Concen: 40.815 ng
RT: 19.348 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:202 Resp: 253666

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	17.6	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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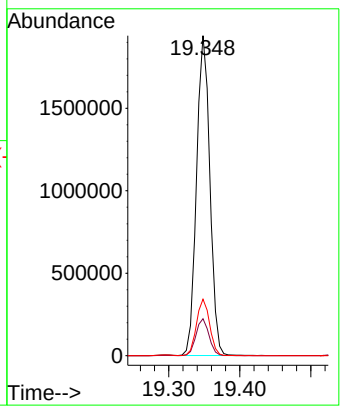
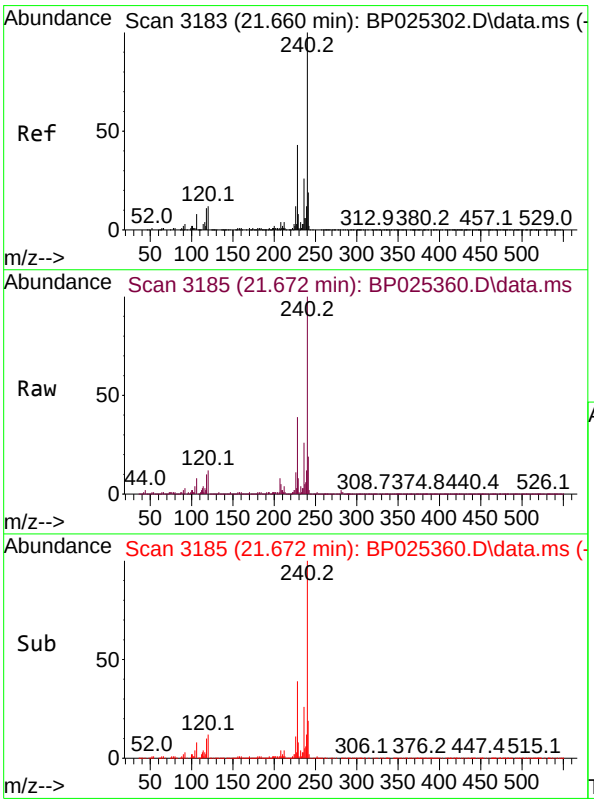
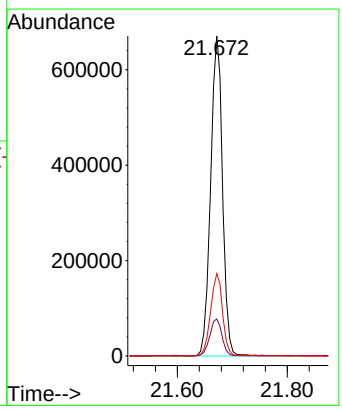


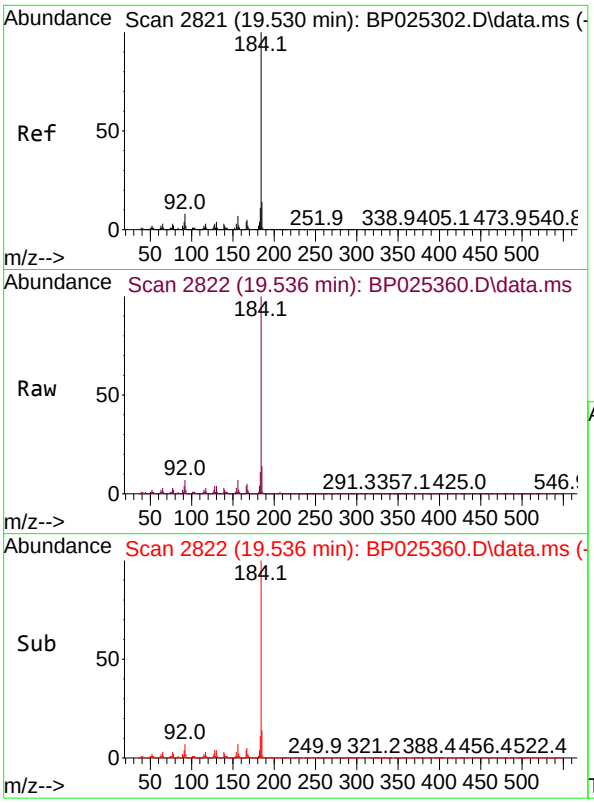


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:240 Resp: 1004808

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	25.7	20.4	30.6

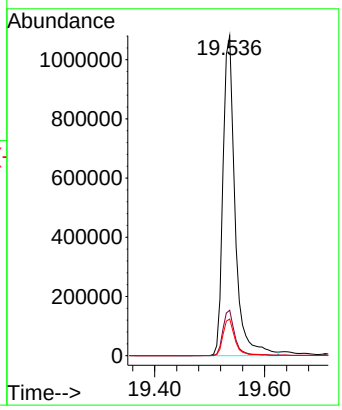




#77
Benzidine
Concen: 45.402 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:184 Resp: 165118

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.0	16.6
183	11.4	9.2	13.8



Instrument :
BNA_P
ClientSampleId :
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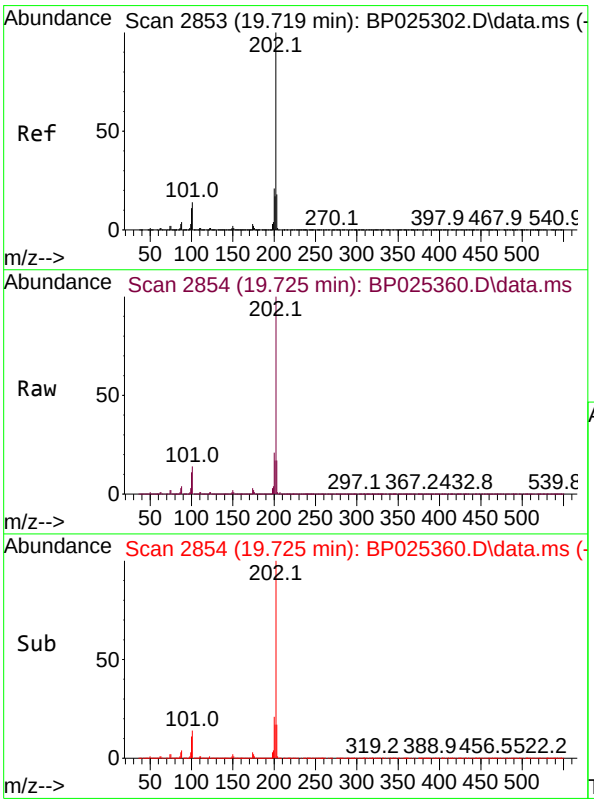
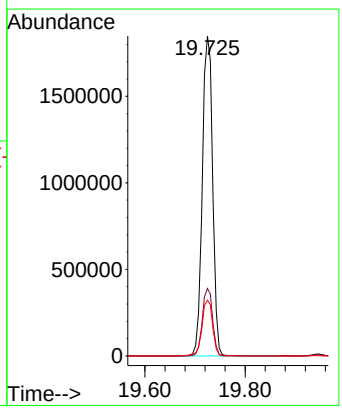
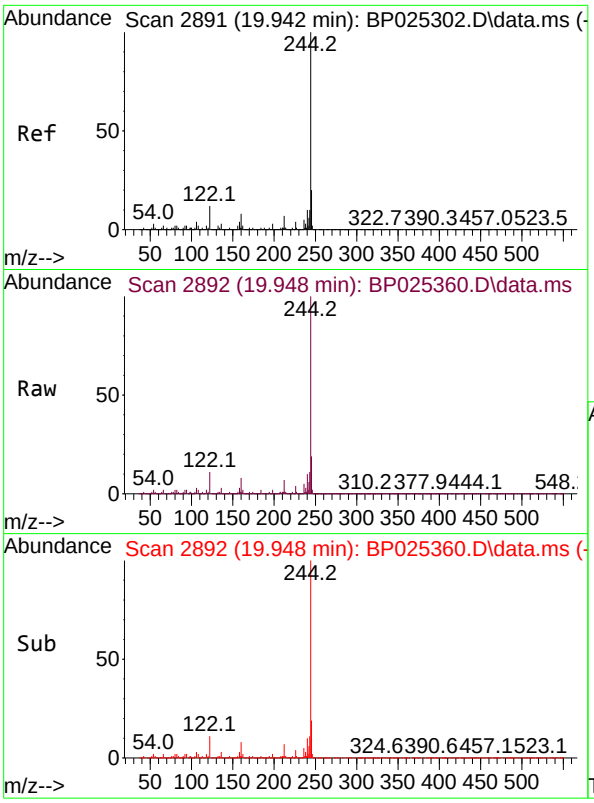


#78
Pyrene
Concen: 39.582 ng
RT: 19.725 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:202 Resp: 2644783

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.4	14.1	21.1





#79
Terphenyl-d14
Concen: 81.161 ng
RT: 19.948 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 431768

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.7	9.5	14.3

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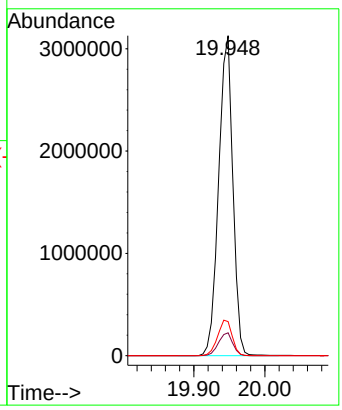
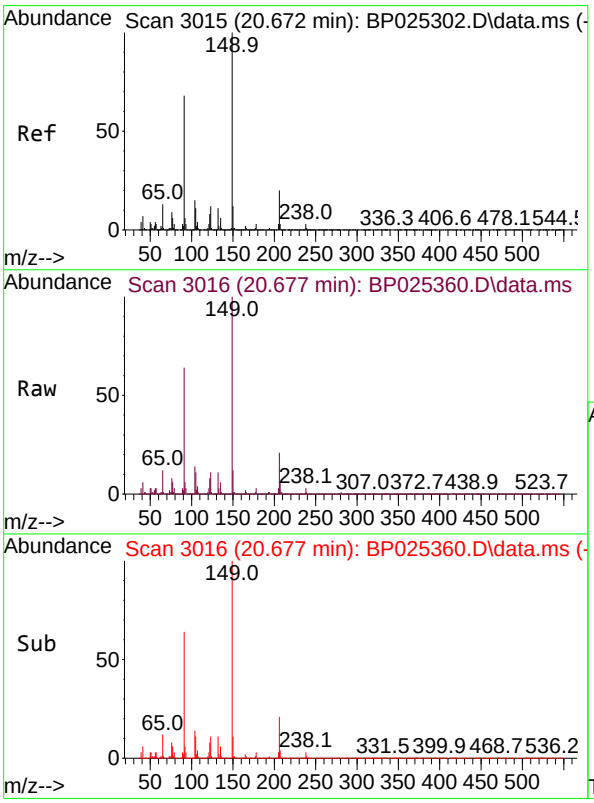
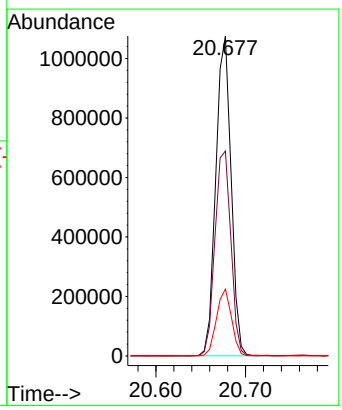


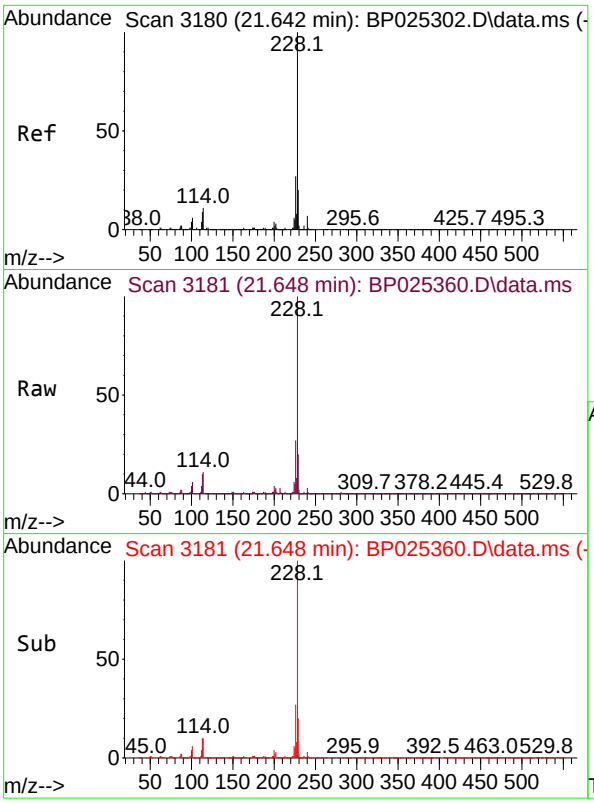


#80
Butylbenzylphthalate
Concen: 46.843 ng
RT: 20.677 min Scan# 3016
Delta R.T. 0.005 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:149 Resp: 1269396

Ion	Ratio	Lower	Upper
149	100		
91	64.1	54.7	82.1
206	20.9	16.4	24.6





#81
Benzo(a)anthracene
Concen: 39.876 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:228 Resp: 266260

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.7	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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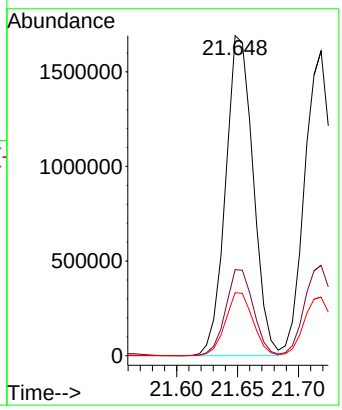
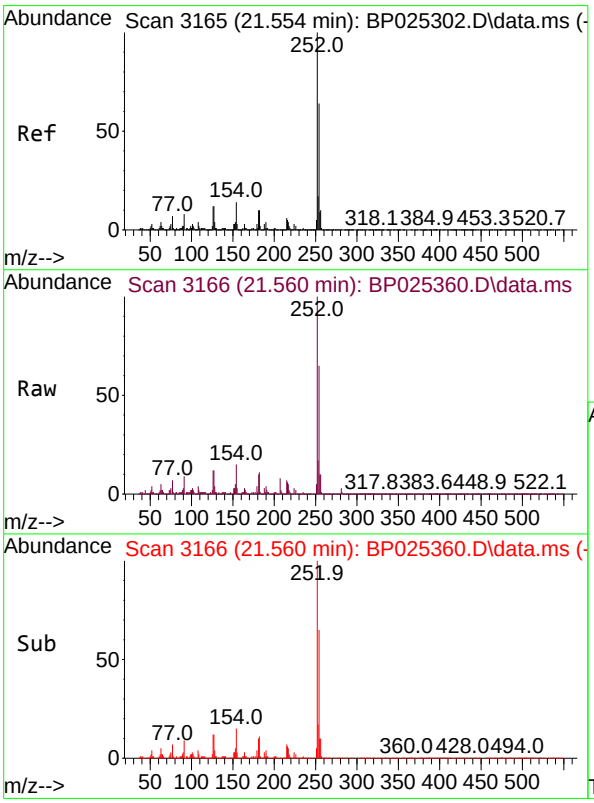
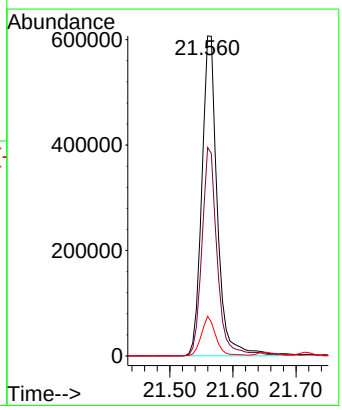


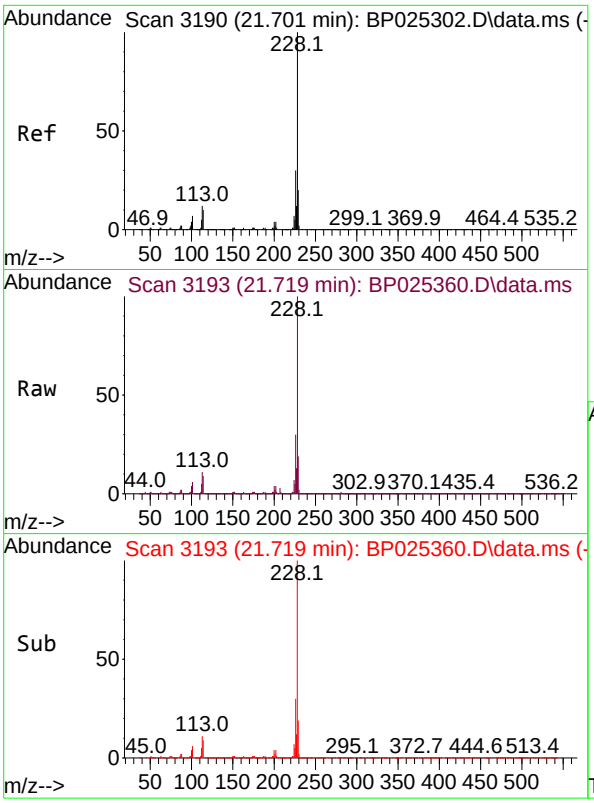


#82
3,3'-Dichlorobenzidine
Concen: 43.881 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:252 Resp: 1033776

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.0	76.6
126	12.4	9.4	14.2

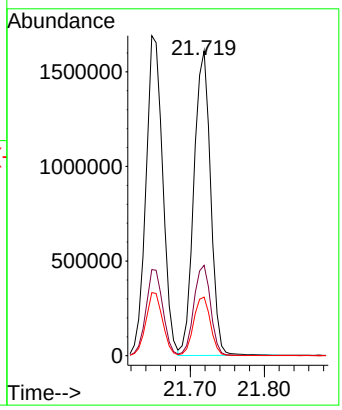




#83
Chrysene
Concen: 40.567 ng
RT: 21.719 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:228 Resp: 251235

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	19.2	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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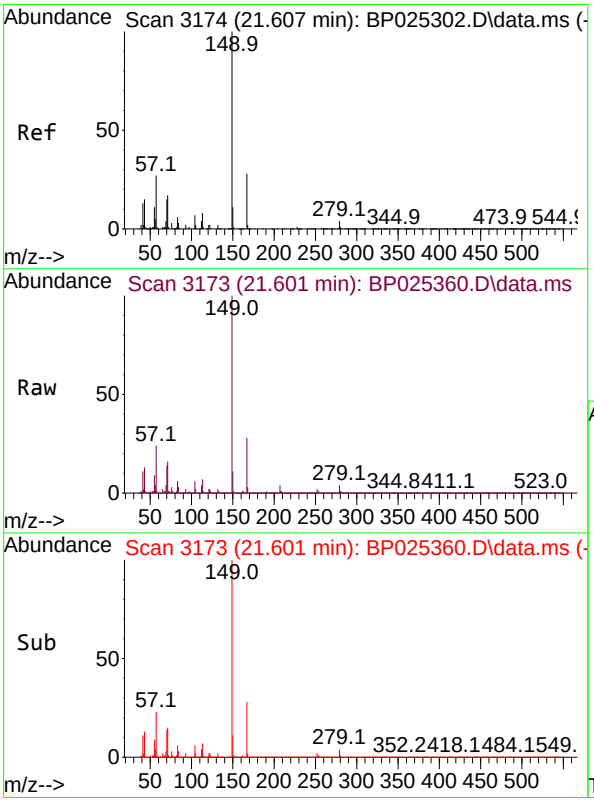
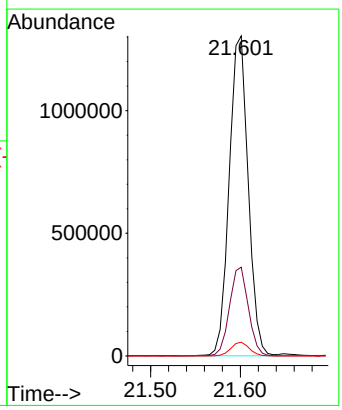
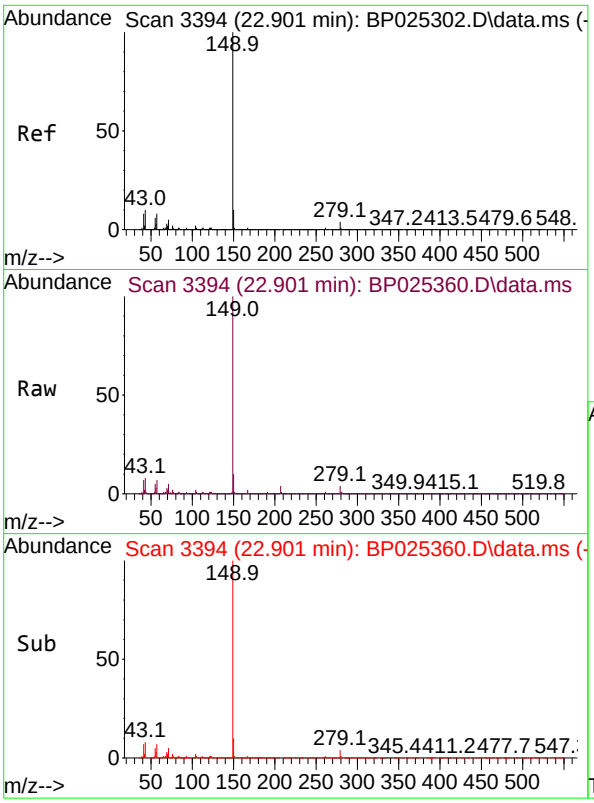


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.225 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:149 Resp: 1913652

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	4.3	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 46.170 ng
RT: 22.901 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:149 Resp: 334395

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.6	7.9	11.9

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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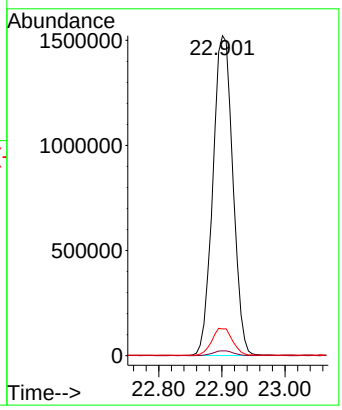
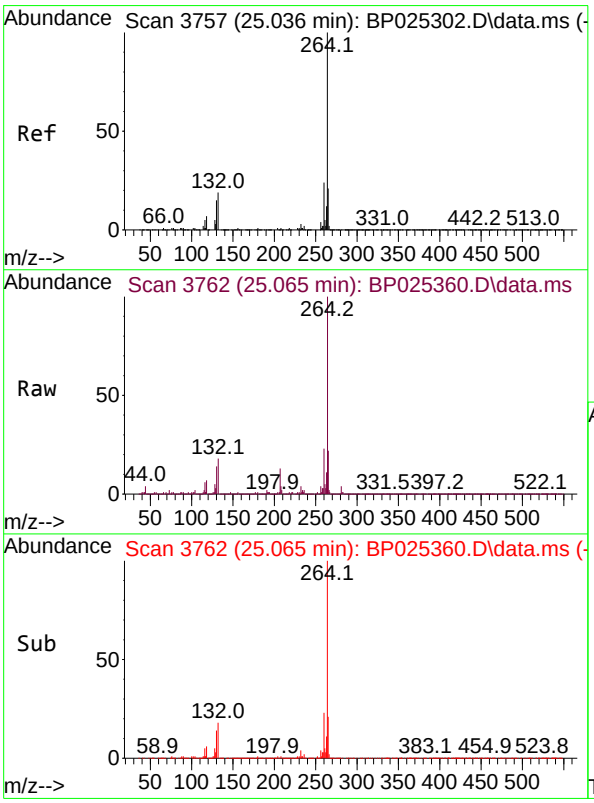
Supervised By :Jagrut Upadhyay 08/13/2025

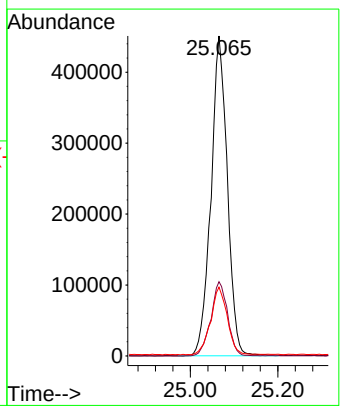


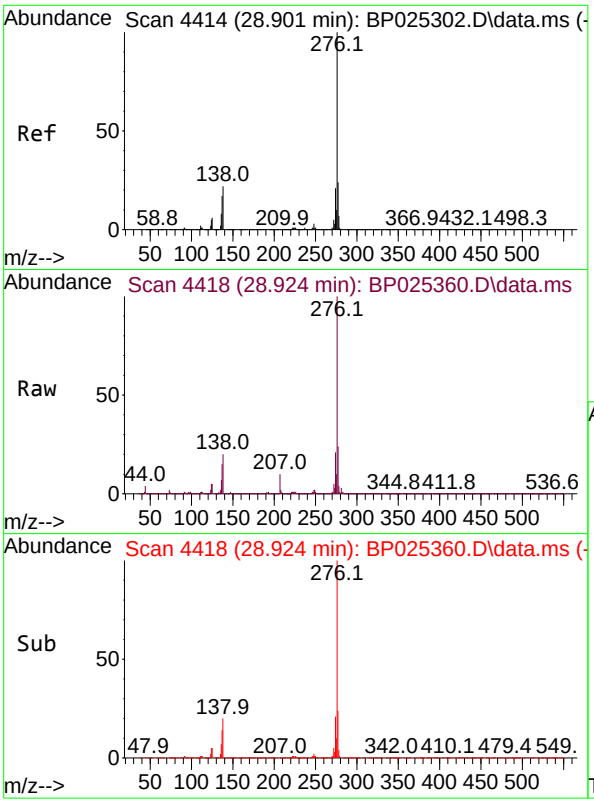


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.065 min Scan# 3762
Delta R.T. 0.029 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:264 Resp: 1173448

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	17.1	25.7

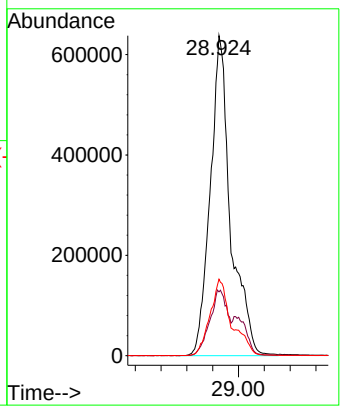




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.576 ng
RT: 28.924 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:276 Resp: 349688

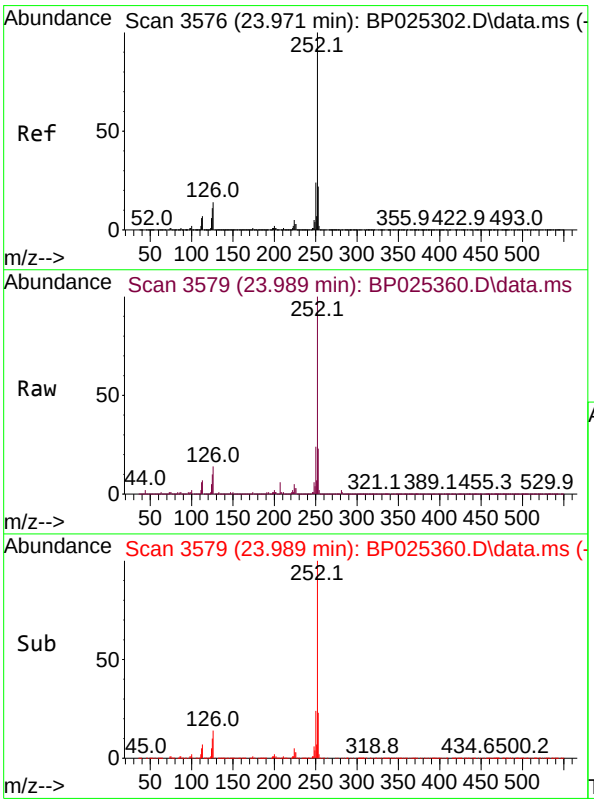
Ion	Ratio	Lower	Upper
276	100		
138	17.9	14.6	22.0
277	25.3	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

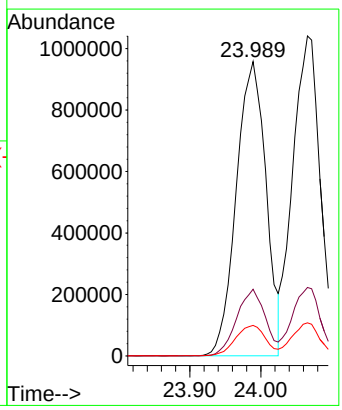
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

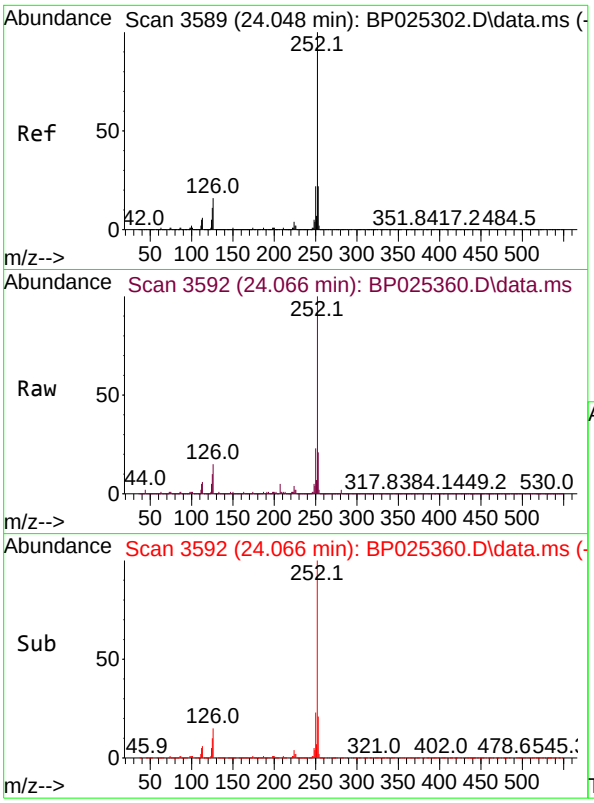


#88
Benzo(b)fluoranthene
Concen: 39.654 ng
RT: 23.989 min Scan# 3579
Delta R.T. 0.018 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:252 Resp: 2785473

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.4	8.5	12.7

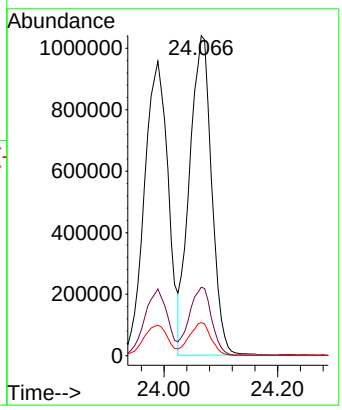




#89
Benzo(k)fluoranthene
Concen: 40.250 ng
RT: 24.066 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:252 Resp: 280279

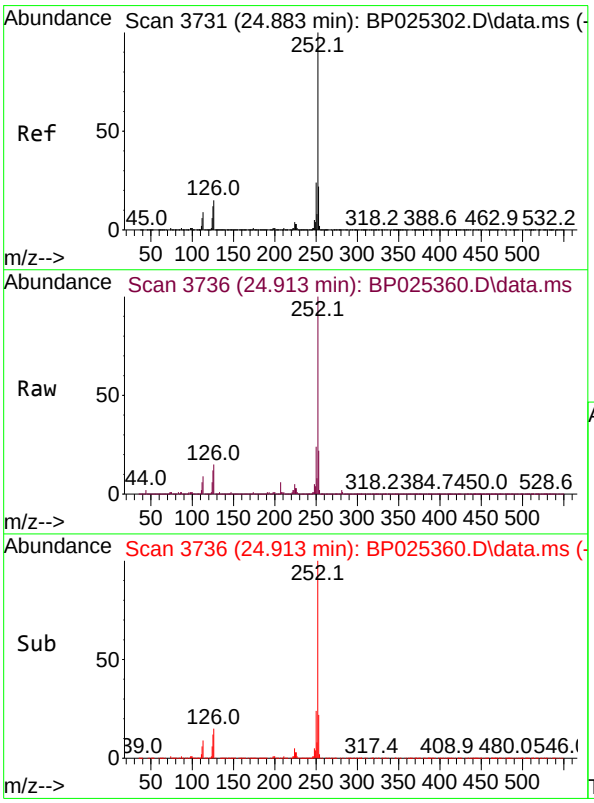
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	10.4	8.5	12.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

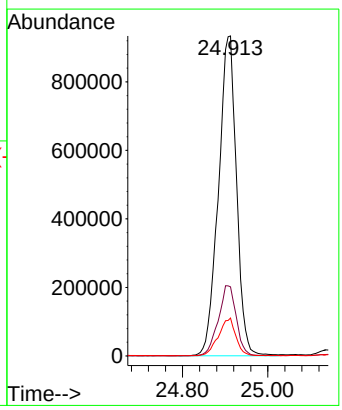
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

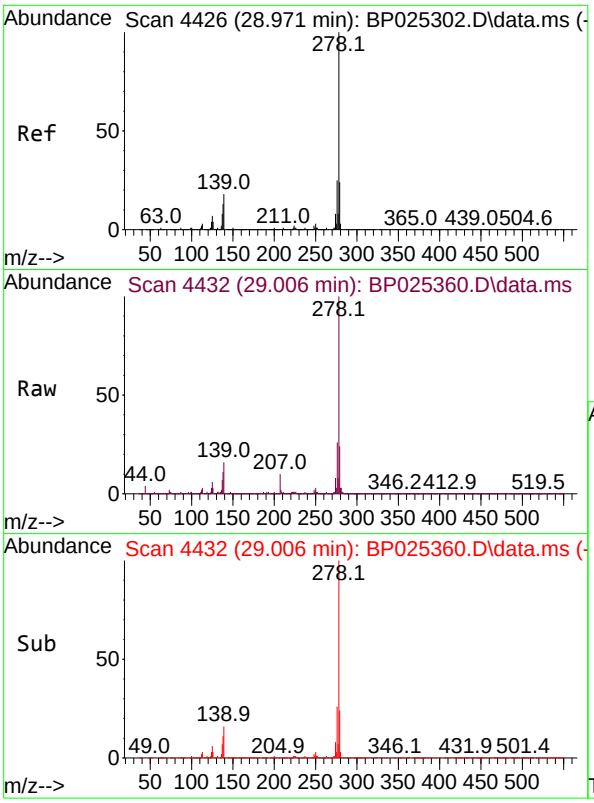


#90
Benzo(a)pyrene
Concen: 40.628 ng
RT: 24.913 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:252 Resp: 2748346

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.8	9.4	14.0





#91
Dibenzo(a,h)anthracene
Concen: 41.664 ng
RT: 29.006 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

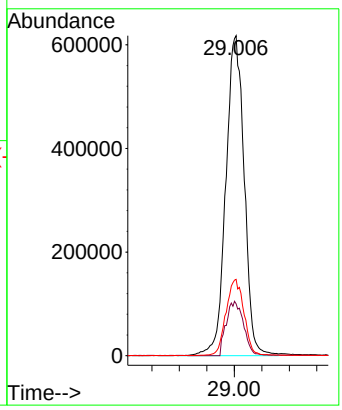
Tgt Ion:278 Resp: 286998

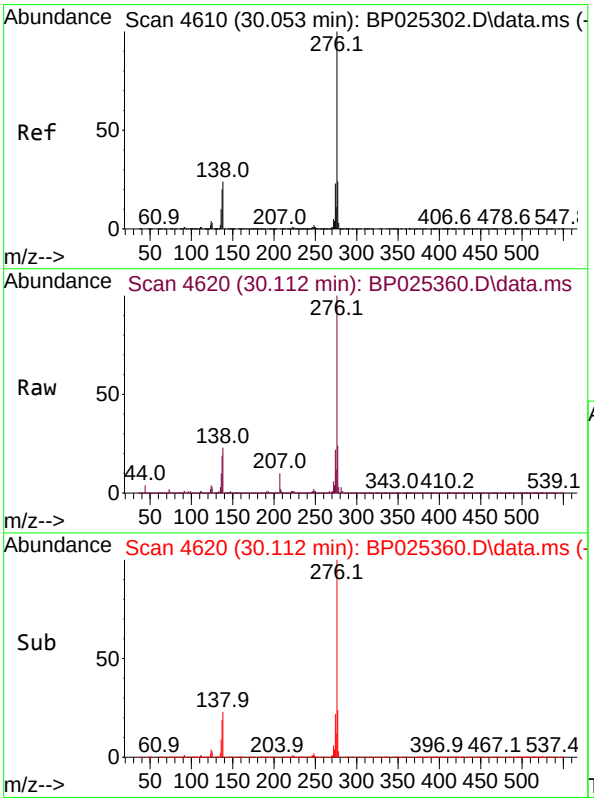
Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.6	22.0
279	23.9	19.0	28.4

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

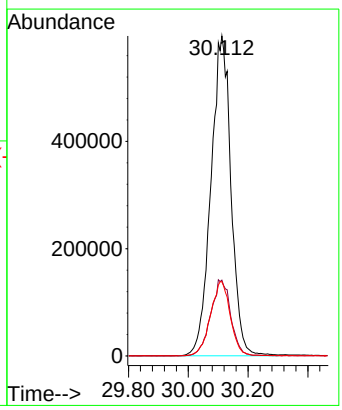




#92
Benzo(g,h,i)perylene
Concen: 41.135 ng
RT: 30.112 min Scan# 4620
Delta R.T. 0.059 min
Lab File: BP025360.D
Acq: 12 Aug 2025 10:07

Tgt Ion:276 Resp: 2780936

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	23.2	19.1	28.7



Sample Results: **BP025360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
2		1,4-Dioxane	0.491	0.502	-2.2	101	0.00
3		Pyridine	1.363	1.332	2.3	96	0.00
4		n-Nitrosodimethylamine	0.633	0.547	13.6	87	0.00
5	S	2-Fluorophenol	1.244	1.253	-0.7	99	0.00
6		Aniline	2.247	2.115	5.9	93	0.00
7	S	Phenol-d6	1.637	1.559	4.8	93	0.00
8		2-Chlorophenol	1.361	1.382	-1.5	99	0.00
9		Benzaldehyde	1.162	1.287	-10.8	89	0.00
10	C	Phenol	1.751	1.628	7.0	91	0.00
11		bis(2-Chloroethyl)ether	1.372	1.295	5.6	94	0.00
12		1,3-Dichlorobenzene	1.529	1.530	-0.1	101	0.00
13	C	1,4-Dichlorobenzene	1.547	1.546	0.1	99	0.00
14		1,2-Dichlorobenzene	1.499	1.487	0.8	99	0.00
15		Benzyl Alcohol	1.269	1.175	7.4	92	0.00
16		2,2'-oxybis(1-Chloropropane	2.167	1.825	15.8	84	0.00
17		2-Methylphenol	1.172	1.125	4.0	93	0.00
18		Hexachloroethane	0.553	0.575	-4.0	103	0.00
19	P	n-Nitroso-di-n-propylamine	1.075	1.014	5.7	91	0.00
20		3+4-Methylphenols	1.613	1.517	6.0	93	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	92	0.00
22		Acetophenone	0.502	0.507	-1.0	94	0.00
23	S	Nitrobenzene-d5	0.361	0.396	-9.7	97	0.00
24		Nitrobenzene	0.342	0.354	-3.5	94	0.00
25		Isophorone	0.719	0.703	2.2	90	0.00
26	C	2-Nitrophenol	0.126	0.183	-45.2#	131	0.00
27		2,4-Dimethylphenol	0.331	0.314	5.1	89	0.00
28		bis(2-Chloroethoxy)methane	0.437	0.430	1.6	91	0.00
29	C	2,4-Dichlorophenol	0.290	0.302	-4.1	93	0.01
30		1,2,4-Trichlorobenzene	0.320	0.335	-4.7	99	0.00
31		Naphthalene	1.038	1.049	-1.1	95	0.00
32		Benzoic acid	0.168	0.219	-30.4#	119	0.02
33		4-Chloroaniline	0.462	0.446	3.5	89	0.00
34	C	Hexachlorobutadiene	0.184	0.200	-8.7	102	0.00
35		Caprolactam	0.113	0.112	0.9	89	0.02
36	C	4-Chloro-3-methylphenol	0.336	0.336	0.0	90	0.02
37		2-Methylnaphthalene	0.672	0.673	-0.1	94	0.01
38		1-Methylnaphthalene	0.701	0.705	-0.6	94	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	92	0.01
40		1,2,4,5-Tetrachlorobenzene	0.546	0.572	-4.8	96	0.01
41	P	Hexachlorocyclopentadiene	0.337	0.372	-10.4	104	0.00
42	S	2,4,6-Tribromophenol	0.200	0.248	-24.0	107	0.01
43	C	2,4,6-Trichlorophenol	0.353	0.390	-10.5	98	0.00
44		2,4,5-Trichlorophenol	0.396	0.424	-7.1	95	0.01
45	S	2-Fluorobiphenyl	1.448	1.461	-0.9	93	0.01
46		1,1'-Biphenyl	1.474	1.484	-0.7	94	0.00
47		2-Chloronaphthalene	1.124	1.145	-1.9	95	0.00

Sample Results: **BP025360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.288	0.333	-15.6	100	0.00
49		Acenaphthylene	1.876	1.888	-0.6	93	0.00
50		Dimethylphthalate	1.458	1.456	0.1	94	0.00
51		2,6-Dinitrotoluene	0.269	0.319	-18.6	102	0.01
52	C	Acenaphthene	1.144	1.186	-3.7	98	0.00
53		3-Nitroaniline	0.315	0.360	-14.3	100	0.00
54	P	2,4-Dinitrophenol	0.105	0.148	-41.0#	143	0.01
55		Dibenzofuran	1.710	1.714	-0.2	94	0.00
56	P	4-Nitrophenol	0.278	0.270	2.9	88	0.02
57		2,4-Dinitrotoluene	0.359	0.449	-25.1#	106	0.01
58		Fluorene	1.343	1.351	-0.6	95	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.366	-10.6	98	0.00
60		Diethylphthalate	1.470	1.467	0.2	94	0.00
61		4-Chlorophenyl-phenylether	0.637	0.652	-2.4	95	0.00
62		4-Nitroaniline	0.312	0.355	-13.8	97	0.01
63		Azobenzene	1.366	1.304	4.5	89	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	0.080	0.122	-52.5#	145	0.00
66	c	n-Nitrosodiphenylamine	0.609	0.638	-4.8	94	0.00
67		4-Bromophenyl-phenylether	0.201	0.218	-8.5	98	0.00
68		Hexachlorobenzene	0.226	0.244	-8.0	99	0.00
69		Atrazine	0.214	0.229	-7.0	96	0.00
70	C	Pentachlorophenol	0.144	0.156	-8.3	97	0.00
71		Phenanthrene	1.095	1.119	-2.2	93	0.00
72		Anthracene	1.105	1.153	-4.3	94	0.00
73		Carbazole	1.060	1.083	-2.2	92	0.01
74		Di-n-butylphthalate	1.283	1.348	-5.1	93	0.00
75	C	Fluoranthene	1.268	1.294	-2.1	92	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	91	0.01
77		Benzidine	0.724	0.822	-13.5	77	0.00
78		Pyrene	1.330	1.316	1.1	93	0.00
79	S	Terphenyl-d14	1.059	1.074	-1.4	94	0.00
80		Butylbenzylphthalate	0.539	0.632	-17.3	102	0.00
81		Benzo(a)anthracene	1.329	1.325	0.3	93	0.00
82		3,3'-Dichlorobenzidine	0.469	0.514	-9.6	99	0.00
83		Chrysene	1.233	1.250	-1.4	94	0.02
84		Bis(2-ethylhexyl)phthalate	0.861	0.952	-10.6	98	0.00
85	c	Di-n-octyl phthalate	1.442	1.664	-15.4	101	0.00
86	I	Perylene-d12	1.000	1.000	0.0	93	0.03
87		Indeno(1,2,3-cd)pyrene	1.434	1.490	-3.9	96	0.02
88		Benzo(b)fluoranthene	1.197	1.187	0.8	93	0.02
89		Benzo(k)fluoranthene	1.187	1.194	-0.6	95	0.02
90	C	Benzo(a)pyrene	1.153	1.171	-1.6	94	0.03
91		Dibenzo(a,h)anthracene	1.174	1.223	-4.2	96	0.04
92		Benzo(g,h,i)perylene	1.152	1.185	-2.9	95	0.06

Sample Results: **BP025360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BP025360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	97	0.00
2		1,4-Dioxane	40.000	40.920	-2.3	101	0.00
3		Pyridine	40.000	39.089	2.3	96	0.00
4		n-Nitrosodimethylamine	40.000	34.545	13.6	87	0.00
5	S	2-Fluorophenol	80.000	80.628	-0.8	99	0.00
6		Aniline	40.000	37.650	5.9	93	0.00
7	S	Phenol-d6	80.000	76.191	4.8	93	0.00
8		2-Chlorophenol	40.000	40.622	-1.6	99	0.00
9		Benzaldehyde	40.000	44.293	-10.7	89	0.00
10	C	Phenol	40.000	37.200	7.0	91	0.00
11		bis(2-Chloroethyl)ether	40.000	37.741	5.6	94	0.00
12		1,3-Dichlorobenzene	40.000	40.016	-0.0	101	0.00
13	C	1,4-Dichlorobenzene	40.000	39.967	0.1	99	0.00
14		1,2-Dichlorobenzene	40.000	39.685	0.8	99	0.00
15		Benzyl Alcohol	40.000	37.054	7.4	92	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	33.676	15.8	84	0.00
17		2-Methylphenol	40.000	38.411	4.0	93	0.00
18		Hexachloroethane	40.000	41.571	-3.9	103	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.717	5.7	91	0.00
20		3+4-Methylphenols	40.000	37.617	6.0	93	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	92	0.00
22		Acetophenone	40.000	40.395	-1.0	94	0.00
23	S	Nitrobenzene-d5	80.000	87.773	-9.7	97	0.00
24		Nitrobenzene	40.000	41.415	-3.5	94	0.00
25		Isophorone	40.000	39.105	2.2	90	0.00
26	C	2-Nitrophenol	40.000	48.978	-22.4#	131	0.00
27		2,4-Dimethylphenol	40.000	37.957	5.1	89	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.308	1.7	91	0.00
29	C	2,4-Dichlorophenol	40.000	41.592	-4.0	93	0.01
30		1,2,4-Trichlorobenzene	40.000	41.895	-4.7	99	0.00
31		Naphthalene	40.000	40.429	-1.1	95	0.00
32		Benzoic acid	40.000	46.843	-17.1	119	0.02
33		4-Chloroaniline	40.000	38.655	3.4	89	0.00
34	C	Hexachlorobutadiene	40.000	43.580	-8.9	102	0.00
35		Caprolactam	40.000	39.842	0.4	89	0.02
36	C	4-Chloro-3-methylphenol	40.000	40.098	-0.2	90	0.02
37		2-Methylnaphthalene	40.000	40.051	-0.1	94	0.01
38		1-Methylnaphthalene	40.000	40.230	-0.6	94	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	92	0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	41.935	-4.8	96	0.01
41	P	Hexachlorocyclopentadiene	40.000	44.201	-10.5	104	0.00
42	S	2,4,6-Tribromophenol	80.000	99.294	-24.1	107	0.01
43	C	2,4,6-Trichlorophenol	40.000	44.246	-10.6	98	0.00
44		2,4,5-Trichlorophenol	40.000	42.887	-7.2	95	0.01
45	S	2-Fluorobiphenyl	80.000	80.727	-0.9	93	0.01
46		1,1'-Biphenyl	40.000	40.262	-0.7	94	0.00
47		2-Chloronaphthalene	40.000	40.740	-1.9	95	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.947	-2.4	100	0.00
49		Acenaphthylene	40.000	40.266	-0.7	93	0.00
50		Dimethylphthalate	40.000	39.945	0.1	94	0.00
51		2,6-Dinitrotoluene	40.000	47.464	-18.7	102	0.01
52	C	Acenaphthene	40.000	41.464	-3.7	98	0.00
53		3-Nitroaniline	40.000	45.776	-14.4	100	0.00
54	P	2,4-Dinitrophenol	40.000	51.187	-28.0#	143	0.01
55		Dibenzofuran	40.000	40.091	-0.2	94	0.00
56	P	4-Nitrophenol	40.000	38.916	2.7	88	0.02
57		2,4-Dinitrotoluene	40.000	43.380	-8.5	106	0.01
58		Fluorene	40.000	40.245	-0.6	95	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	44.239	-10.6	98	0.00
60		Diethylphthalate	40.000	39.922	0.2	94	0.00
61		4-Chlorophenyl-phenylether	40.000	40.936	-2.3	95	0.00
62		4-Nitroaniline	40.000	45.592	-14.0	97	0.01
63		Azobenzene	40.000	38.207	4.5	89	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	40.000	53.009	-32.5#	145	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.916	-4.8	94	0.00
67		4-Bromophenyl-phenylether	40.000	43.265	-8.2	98	0.00
68		Hexachlorobenzene	40.000	43.296	-8.2	99	0.00
69		Atrazine	40.000	42.766	-6.9	96	0.00
70	C	Pentachlorophenol	40.000	43.240	-8.1	97	0.00
71		Phenanthrene	40.000	40.873	-2.2	93	0.00
72		Anthracene	40.000	41.766	-4.4	94	0.00
73		Carbazole	40.000	40.867	-2.2	92	0.01
74		Di-n-butylphthalate	40.000	42.037	-5.1	93	0.00
75	C	Fluoranthene	40.000	40.815	-2.0	92	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	91	0.01
77		Benzidine	40.000	45.402	-13.5	77	0.00
78		Pyrene	40.000	39.582	1.0	93	0.00
79	S	Terphenyl-d14	80.000	81.161	-1.5	94	0.00
80		Butylbenzylphthalate	40.000	46.843	-17.1	102	0.00
81		Benzo(a)anthracene	40.000	39.876	0.3	93	0.00
82		3,3'-Dichlorobenzidine	40.000	43.881	-9.7	99	0.00
83		Chrysene	40.000	40.567	-1.4	94	0.02
84		Bis(2-ethylhexyl)phthalate	40.000	44.225	-10.6	98	0.00
85	c	Di-n-octyl phthalate	40.000	46.170	-15.4	101	0.00
86	I	Perylene-d12	20.000	20.000	0.0	93	0.03
87		Indeno(1,2,3-cd)pyrene	40.000	41.576	-3.9	96	0.02
88		Benzo(b)fluoranthene	40.000	39.654	0.9	93	0.02
89		Benzo(k)fluoranthene	40.000	40.250	-0.6	95	0.02
90	C	Benzo(a)pyrene	40.000	40.628	-1.6	94	0.03
91		Dibenzo(a,h)anthracene	40.000	41.664	-4.2	96	0.04
92		Benzo(g,h,i)perylene	40.000	41.135	-2.8	95	0.06

Sample Results: **BP025360.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025360.D
Acq On : 12 Aug 2025 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 12 11:32:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Raw Data: **BP025377.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_P Calibration Date/Time: 08/13/2025 09:51

Lab File ID: BP025377.D Init. Calib. Date(s): 08/05/2025 08/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:03 16:51

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.244	1.214		-2.4	
Benzaldehyde	1.162	1.250		7.6	
Phenol-d6	1.637	1.529		-6.6	
Phenol	1.751	1.711		-2.3	20.0
bis(2-Chloroethyl)ether	1.372	1.298		-5.4	
2-Chlorophenol	1.361	1.481		8.8	
2-Methylphenol	1.172	1.142		-2.6	
2,2-oxybis(1-Chloropropane)	2.167	1.731		-20.1	
Acetophenone	0.502	0.503		0.2	
3+4-Methylphenols	1.613	1.533		-5.0	
n-Nitroso-di-n-propylamine	1.075	1.030	0.050	-4.2	
Nitrobenzene-d5	0.361	0.407		12.7	
Hexachloroethane	0.553	0.570		3.1	
Nitrobenzene	0.342	0.358		4.7	
Isophorone	0.719	0.697		-3.1	
2-Nitrophenol	0.126	0.187		48.4	20.0
2,4-Dimethylphenol	0.331	0.319		-3.6	
bis(2-Chloroethoxy)methane	0.437	0.425		-2.7	
2,4-Dichlorophenol	0.290	0.306		5.5	20.0
Naphthalene	1.038	1.062		2.3	
4-Chloroaniline	0.462	0.446		-3.5	
Hexachlorobutadiene	0.184	0.215		16.8	20.0
Caprolactam	0.113	0.109		-3.5	
4-Chloro-3-methylphenol	0.336	0.364		8.3	20.0
2-Methylnaphthalene	0.672	0.678		0.9	
Hexachlorocyclopentadiene	0.337	0.381	0.050	13.1	
2,4,6-Trichlorophenol	0.353	0.403		14.2	20.0
2-Fluorobiphenyl	1.448	1.545		6.7	
2,4,5-Trichlorophenol	0.396	0.445		12.4	
1,1-Biphenyl	1.474	1.514		2.7	
2-Chloronaphthalene	1.124	1.198		6.6	
2-Nitroaniline	0.288	0.346		20.1	
Dimethylphthalate	1.458	1.489		2.1	
Acenaphthylene	1.876	1.942		3.5	
2,6-Dinitrotoluene	0.269	0.325		20.8	
3-Nitroaniline	0.315	0.358		13.7	
Acenaphthene	1.144	1.121		-2.0	20.0
2,4-Dinitrophenol	0.105	0.160	0.050	52.4	
4-Nitrophenol	0.278	0.293	0.050	5.4	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Instrument ID: BNA_P Calibration Date/Time: 08/13/2025 09:51

Lab File ID: BP025377.D Init. Calib. Date(s): 08/05/2025 08/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:03 16:51

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.710	1.758		2.8	
2,4-Dinitrotoluene	0.359	0.474		32.0	
Diethylphthalate	1.470	1.490		1.4	
4-Chlorophenyl-phenylether	0.637	0.684		7.4	
Fluorene	1.343	1.393		3.7	
4-Nitroaniline	0.312	0.358		14.7	
4,6-Dinitro-2-methylphenol	0.080	0.126		57.5	
n-Nitrosodiphenylamine	0.609	0.623		2.3	20.0
2,4,6-Tribromophenol	0.200	0.266		33.0	
4-Bromophenyl-phenylether	0.201	0.220		9.5	
Hexachlorobenzene	0.226	0.253		11.9	
Atrazine	0.214	0.227		6.1	
Pentachlorophenol	0.144	0.178		23.6	20.0
Phenanthrene	1.095	1.128		3.0	
Anthracene	1.105	1.151		4.2	
Carbazole	1.060	1.071		1.0	
Di-n-butylphthalate	1.283	1.344		4.8	
Fluoranthene	1.268	1.308		3.2	20.0
Pyrene	1.330	1.359		2.2	
Terphenyl-d14	1.059	1.119		5.7	
Butylbenzylphthalate	0.539	0.607		12.6	
3,3-Dichlorobenzidine	0.469	0.508		8.3	
Benzo(a)anthracene	1.329	1.347		1.4	
Chrysene	1.233	1.266		2.7	
Bis(2-ethylhexyl)phthalate	0.861	0.909		5.6	
Di-n-octyl phthalate	1.442	1.602		11.1	20.0
Benzo(b)fluoranthene	1.197	1.203		0.5	
Benzo(k)fluoranthene	1.187	1.175		-1.0	
Benzo(a)pyrene	1.153	1.161		0.7	20.0
Indeno(1,2,3-cd)pyrene	1.434	1.534		7.0	
Dibenzo(a,h)anthracene	1.174	1.254		6.8	
Benzo(g,h,i)perylene	1.152	1.228		6.6	
1,2,4,5-Tetrachlorobenzene	0.546	0.607		11.2	
1,4-Dioxane	0.491	0.473		-3.7	20.0
2,3,4,6-Tetrachlorophenol	0.331	0.386		16.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025377.D
Acq On : 13 Aug 2025 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:46:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	162911	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	673350	20.000	ng		0.00
39) Acenaphthene-d10	14.425	164	416841	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	836446	20.000	ng		0.00
76) Chrysene-d12	21.666	240	867026	20.000	ng		0.00
86) Perylene-d12	25.065	264	1047429	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.413	112	791395	78.132	ng		0.00
7) Phenol-d6	6.972	99	996611	74.762	ng		0.00
23) Nitrobenzene-d5	8.937	82	1095930	90.170	ng		0.00
42) 2,4,6-Tribromophenol	15.936	330	442787	106.478	ng		0.01
45) 2-Fluorobiphenyl	13.037	172	2575530	85.341	ng		0.00
79) Terphenyl-d14	19.942	244	3880765	84.541	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	154019	38.532	ng		95
3) Pyridine	3.731	79	412234	37.120	ng		96
4) n-Nitrosodimethylamine	3.637	42	180350	34.980	ng		92
6) Aniline	7.131	93	691509	37.788	ng		100
8) 2-Chlorophenol	7.372	128	482628	43.530	ng		97
9) Benzaldehyde	6.943	77	407131	43.002	ng		100
10) Phenol	7.002	94	557573	39.092	ng		98
11) bis(2-Chloroethyl)ether	7.225	93	423007	37.851	ng		97
12) 1,3-Dichlorobenzene	7.690	146	502997	40.376	ng		99
13) 1,4-Dichlorobenzene	7.837	146	515319	40.886	ng		99
14) 1,2-Dichlorobenzene	8.149	146	491942	40.292	ng		99
15) Benzyl Alcohol	8.031	79	396868	38.407	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	564054	31.950	ng		95
17) 2-Methylphenol	8.231	107	371935	38.971	ng		97
18) Hexachloroethane	8.872	117	185794	41.220	ng		95
19) n-Nitroso-di-n-propyla...	8.596	70	335462	38.302	ng		93
20) 3+4-Methylphenols	8.554	107	499518	38.009	ng		99
22) Acetophenone	8.607	105	677050	40.054	ng	#	96
24) Nitrobenzene	8.984	77	482357	41.925	ng		97
25) Isophorone	9.507	82	938892	38.808	ng		99
26) 2-Nitrophenol	9.684	139	251939	50.097	ng		98
27) 2,4-Dimethylphenol	9.749	122	428935	38.455	ng		95
28) bis(2-Chloroethoxy)met...	9.978	93	572502	38.899	ng		100
29) 2,4-Dichlorophenol	10.225	162	412684	42.260	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	468974	43.530	ng		99
31) Naphthalene	10.625	128	1430854	40.934	ng		99
32) Benzoic acid	9.872	122	263556	43.252	ng		97
33) 4-Chloroaniline	10.719	127	601041	38.661	ng		99
34) Hexachlorobutadiene	10.913	225	290090	46.907	ng		98
35) Caprolactam	11.507	113	146520	38.677	ng	#	85
36) 4-Chloro-3-methylphenol	11.848	107	489583	43.328	ng		100
37) 2-Methylnaphthalene	12.237	142	912525	40.333	ng		99
38) 1-Methylnaphthalene	12.448	142	941888	39.898	ng		100
40) 1,2,4,5-Tetrachloroben...	12.607	216	505917	44.455	ng		99
41) Hexachlorocyclopentadiene	12.590	237	317262	45.169	ng		99
43) 2,4,6-Trichlorophenol	12.837	196	335726	45.667	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025377.D
Acq On : 13 Aug 2025 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:46:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	370942	44.979	ng		100
46) 1,1'-Biphenyl	13.242	154	1262313	41.092	ng		99
47) 2-Chloronaphthalene	13.284	162	998894	42.622	ng		100
48) 2-Nitroaniline	13.484	65	288791	42.432	ng		95
49) Acenaphthylene	14.137	152	1618764	41.408	ng		99
50) Dimethylphthalate	13.872	163	1241763	40.865	ng		100
51) 2,6-Dinitrotoluene	13.989	165	270913	48.334	ng		87
52) Acenaphthene	14.484	154	934768	39.201	ng		99
53) 3-Nitroaniline	14.319	138	298286	45.480	ng		96
54) 2,4-Dinitrophenol	14.525	184	133103	53.765	ng	#	48
55) Dibenzofuran	14.831	168	1465683	41.132	ng		99
56) 4-Nitrophenol	14.636	139	244171	42.183	ng		98
57) 2,4-Dinitrotoluene	14.784	165	395234	45.658	ng		98
58) Fluorene	15.489	166	1161174	41.489	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	321863	46.722	ng		96
60) Diethylphthalate	15.254	149	1242433	40.555	ng		100
61) 4-Chlorophenyl-phenyle...	15.483	204	570645	43.008	ng		100
62) 4-Nitroaniline	15.501	138	298255	45.895	ng		97
63) Azobenzene	15.783	77	1097228	38.553	ng		98
65) 4,6-Dinitro-2-methylph...	15.560	198	211611	54.377	ng		94
66) n-Nitrosodiphenylamine	15.695	169	1042925	40.950	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	367555	43.673	ng		96
68) Hexachlorobenzene	16.519	284	423300	44.825	ng		97
69) Atrazine	16.672	200	379801	42.405	ng		98
70) Pentachlorophenol	16.872	266	298109	49.549	ng		98
71) Phenanthrene	17.272	178	1886510	41.178	ng		100
72) Anthracene	17.360	178	1925956	41.693	ng		100
73) Carbazole	17.636	167	1791533	40.403	ng		100
74) Di-n-butylphthalate	18.236	149	2248337	41.912	ng		100
75) Fluoranthene	19.336	202	2188836	41.272	ng		98
77) Benzidine	19.536	184	1401654	44.665	ng		100
78) Pyrene	19.713	202	2357222	40.885	ng		99
80) Butylbenzylphthalate	20.671	149	1053125	45.038	ng		99
81) Benzo(a)anthracene	21.642	228	2336188	40.547	ng		99
82) 3,3'-Dichlorobenzidine	21.560	252	881515	43.364	ng		99
83) Chrysene	21.713	228	2196085	41.095	ng		99
84) Bis(2-ethylhexyl)phtha...	21.595	149	1576424	42.221	ng		99
85) Di-n-octyl phthalate	22.895	149	2777521	44.443	ng		96
87) Indeno(1,2,3-cd)pyrene	28.936	276	3214175m	42.813	ng		
88) Benzo(b)fluoranthene	23.995	252	2520756	40.203	ng		99
89) Benzo(k)fluoranthene	24.071	252	2461874	39.607	ng		99
90) Benzo(a)pyrene	24.907	252	2431295	40.265	ng		99
91) Dibenzo(a,h)anthracene	29.018	278	2625934	42.708	ng		97
92) Benzo(g,h,i)perylene	30.130	276	2572509	42.630	ng		96

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

Sample Results: **BP025377.D**

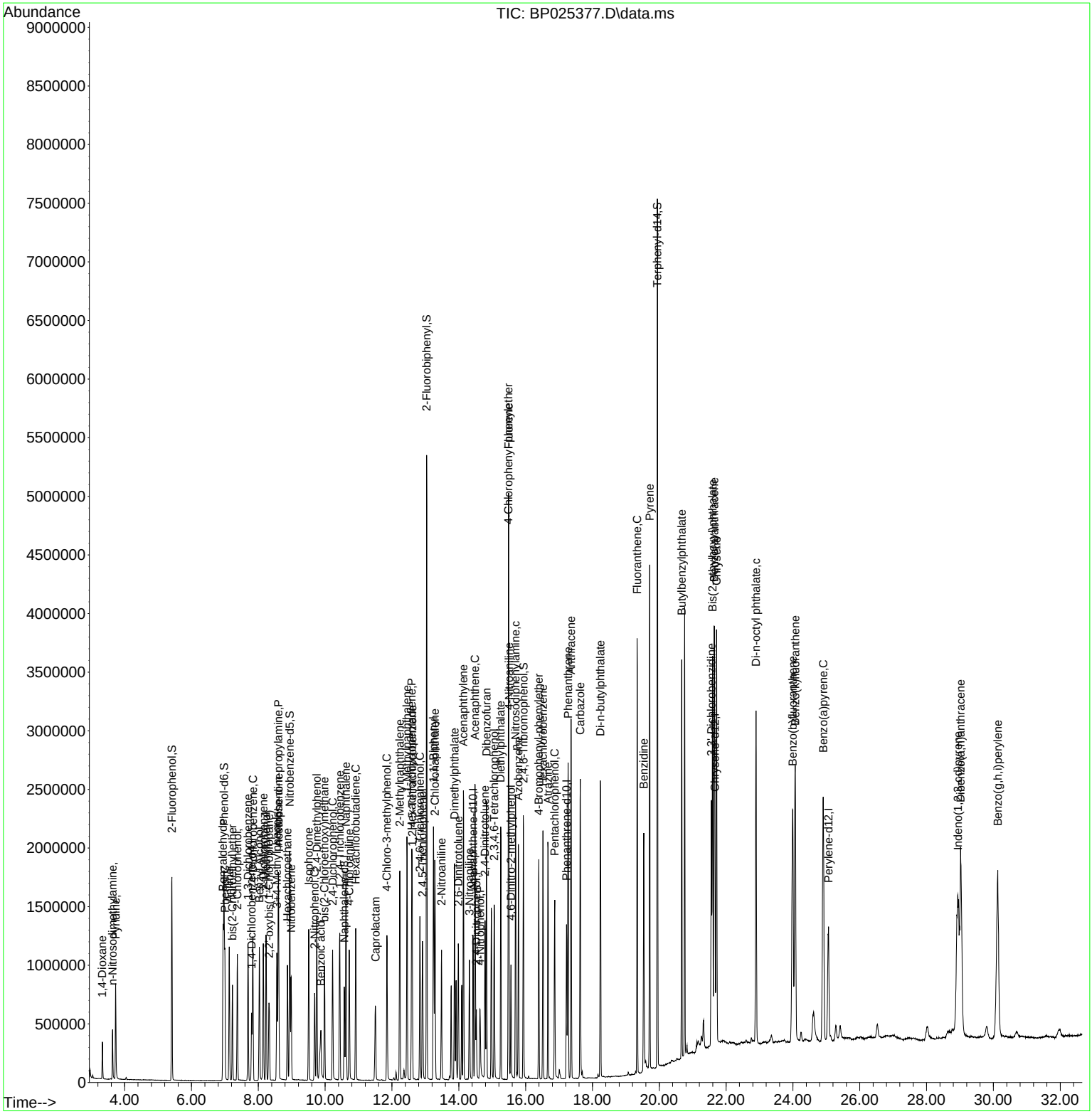
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025377.D
Acq On : 13 Aug 2025 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

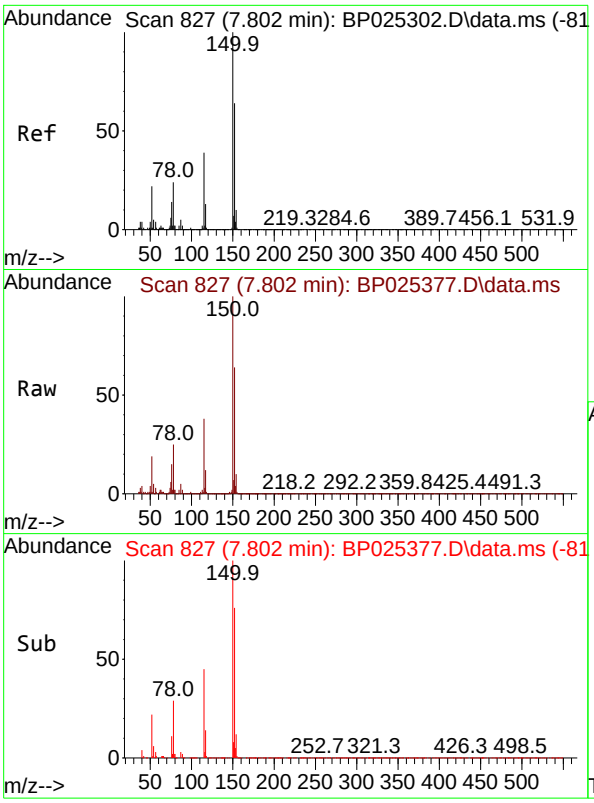
Quant Time: Aug 13 10:46:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

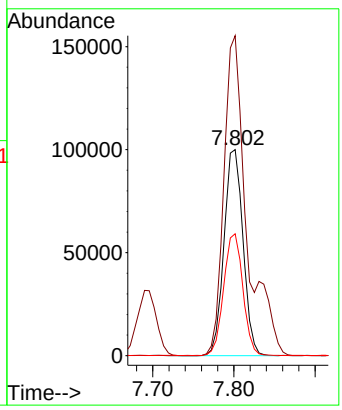




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:152 Resp: 16291

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.1	187.7
115	59.1	48.4	72.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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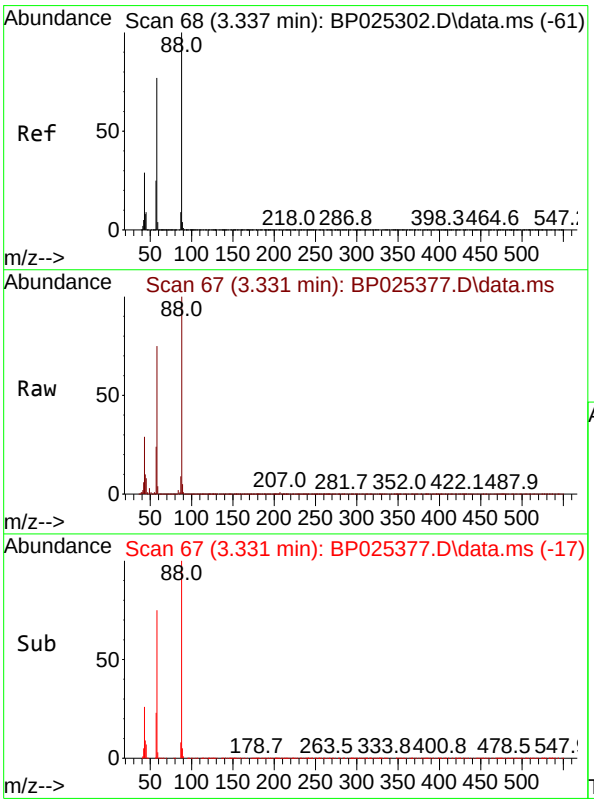
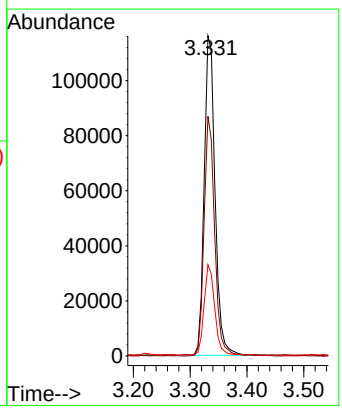
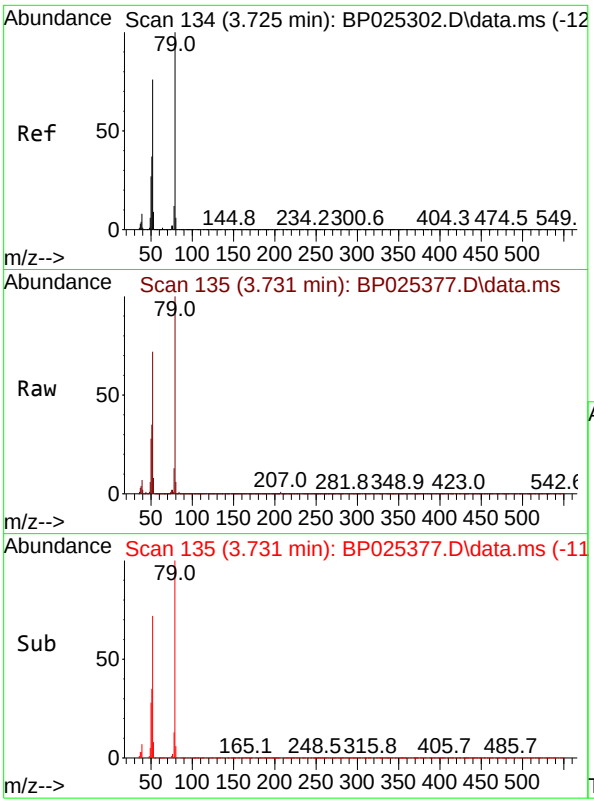


#2
1,4-Dioxane
Concen: 38.532 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 88 Resp: 154019

Ion	Ratio	Lower	Upper
88	100		
58	73.2	61.9	92.9
43	27.8	24.2	36.2

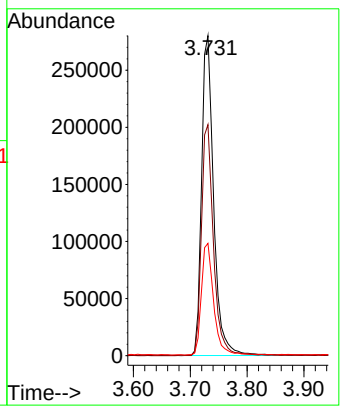




#3
Pyridine
Concen: 37.120 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 79 Resp: 41223

Ion	Ratio	Lower	Upper
79	100		
52	72.2	60.5	90.7
51	35.1	30.2	45.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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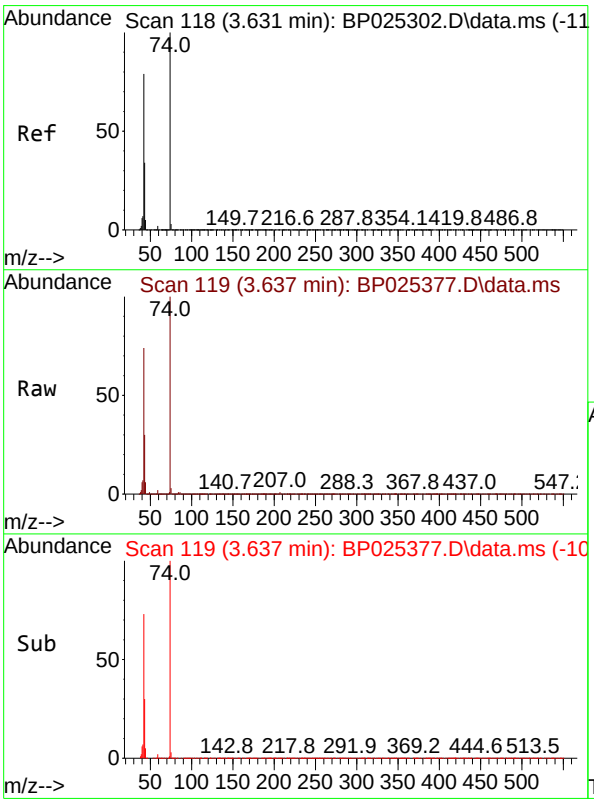
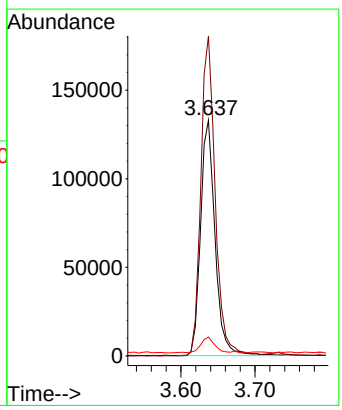
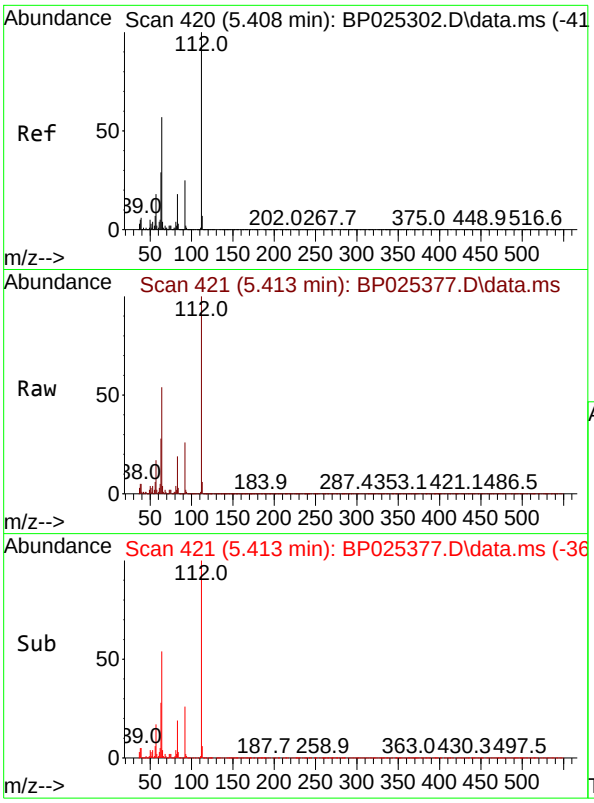


#4
n-Nitrosodimethylamine
Concen: 34.980 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 42 Resp: 180350

Ion	Ratio	Lower	Upper
42	100		
74	135.7	101.4	152.2
44	8.0	7.6	11.4

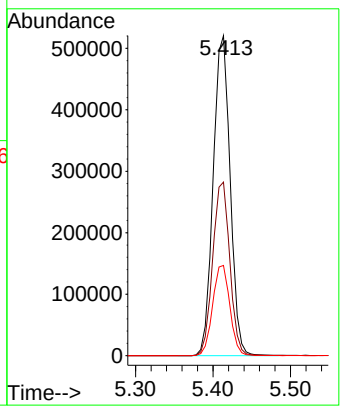




#5
2-Fluorophenol
Concen: 78.132 ng
RT: 5.413 min Scan# 4
Delta R.T. 0.005 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:112 Resp: 79139

Ion	Ratio	Lower	Upper
112	100		
64	54.3	45.3	67.9
63	28.2	23.0	34.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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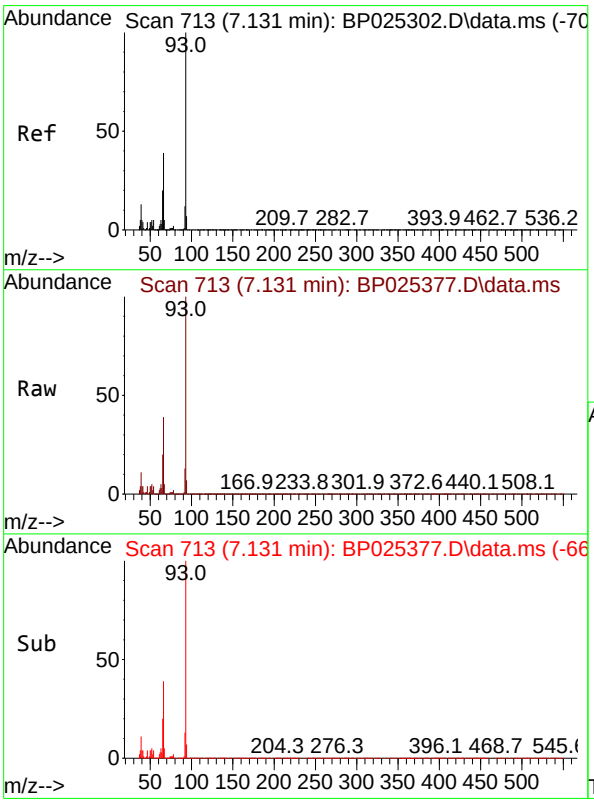
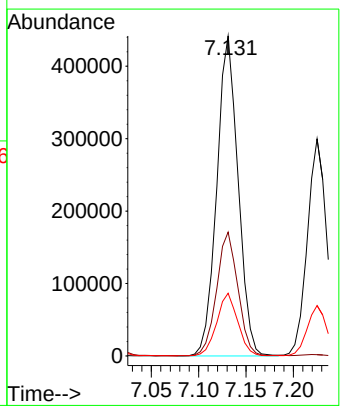
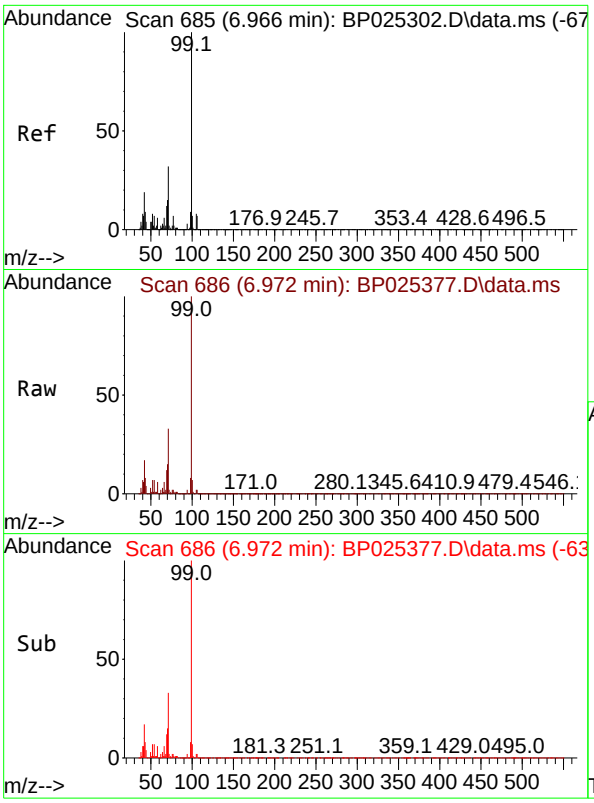


#6
Aniline
Concen: 37.788 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 93 Resp: 691509

Ion	Ratio	Lower	Upper
93	100		
66	38.7	31.1	46.7
65	19.6	15.8	23.8

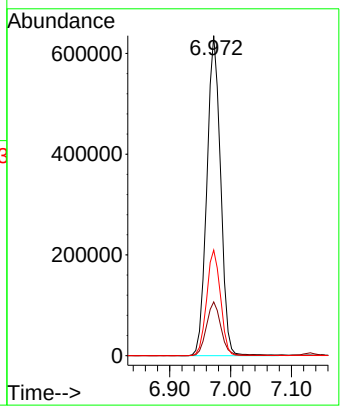




#7
Phenol-d6
Concen: 74.762 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 99 Resp: 99661

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.6
71	33.0	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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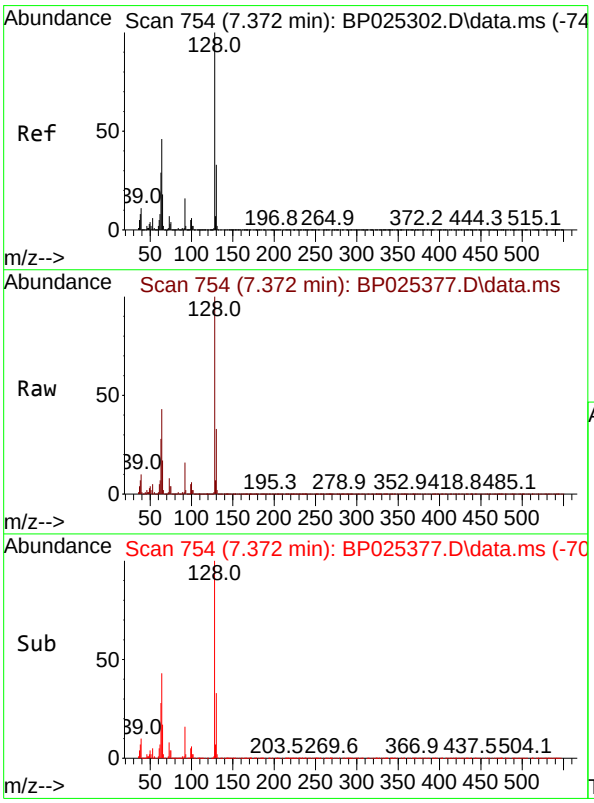
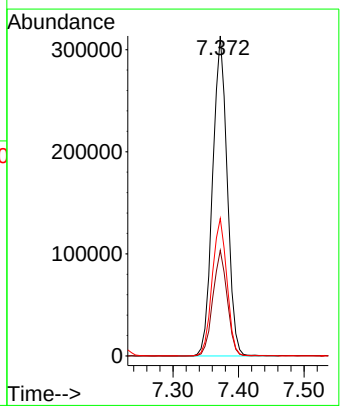
Supervised By :Jagrut Upadhyay 08/14/2025

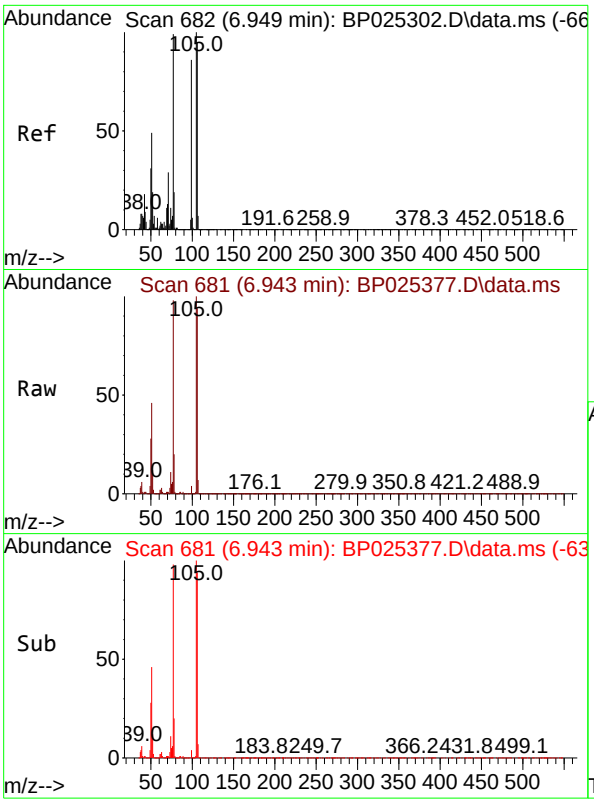


#8
2-Chlorophenol
Concen: 43.530 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:128 Resp: 482628

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	42.9	26.1	66.1

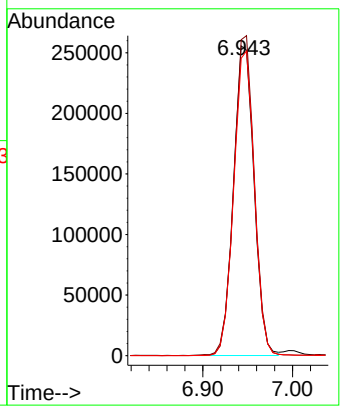




#9
Benzaldehyde
Concen: 43.002 ng
RT: 6.943 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 77 Resp: 40713

Ion	Ratio	Lower	Upper
77	100		
105	102.0	81.4	121.4
106	96.0	76.2	116.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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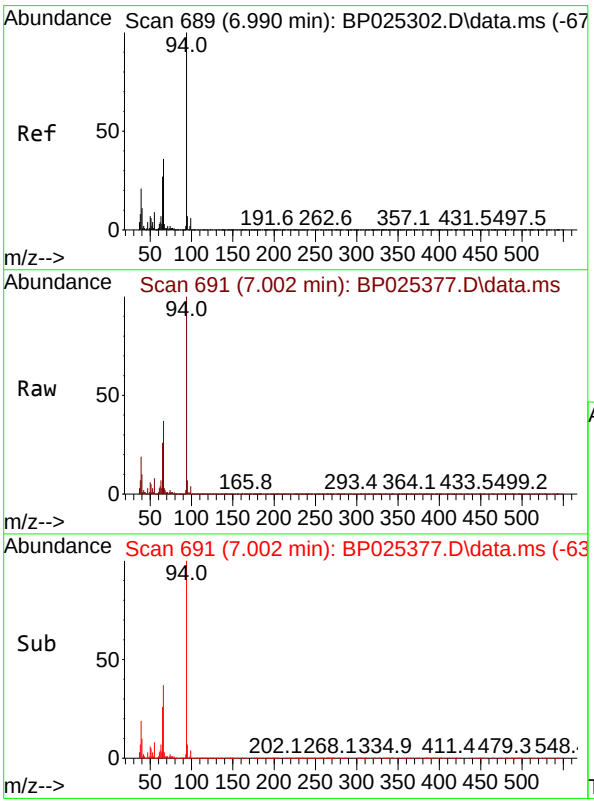
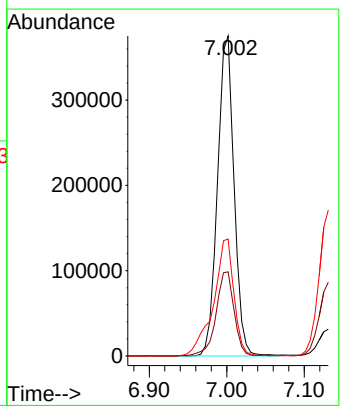
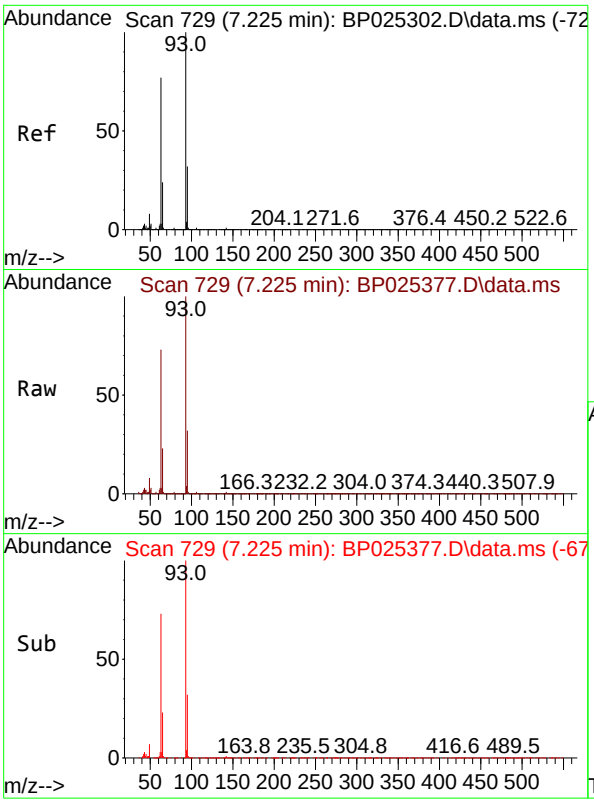


#10
Phenol
Concen: 39.092 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 94 Resp: 557573

Ion	Ratio	Lower	Upper
94	100		
65	26.3	7.3	47.3
66	36.5	15.7	55.7

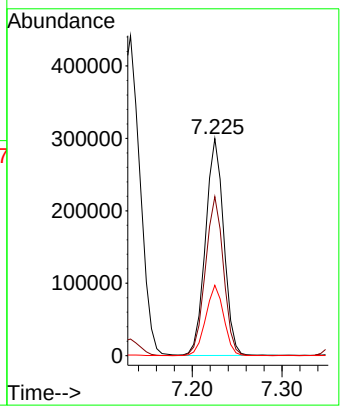




#11
bis(2-Chloroethyl)ether
Concen: 37.851 ng
RT: 7.225 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 93 Resp: 42300

Ion	Ratio	Lower	Upper
93	100		
63	73.2	57.0	97.0
95	32.4	12.1	52.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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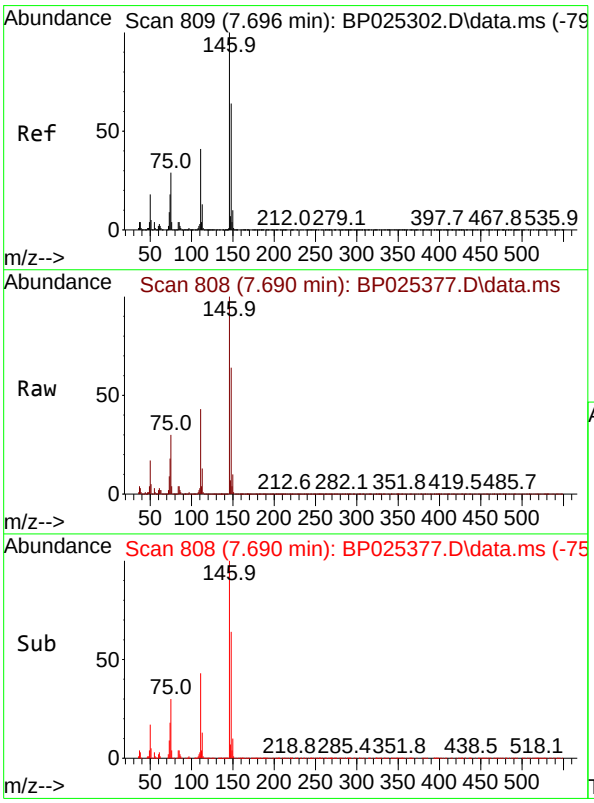
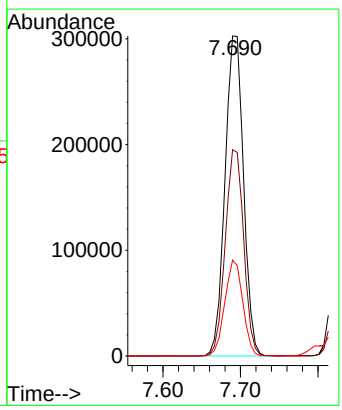
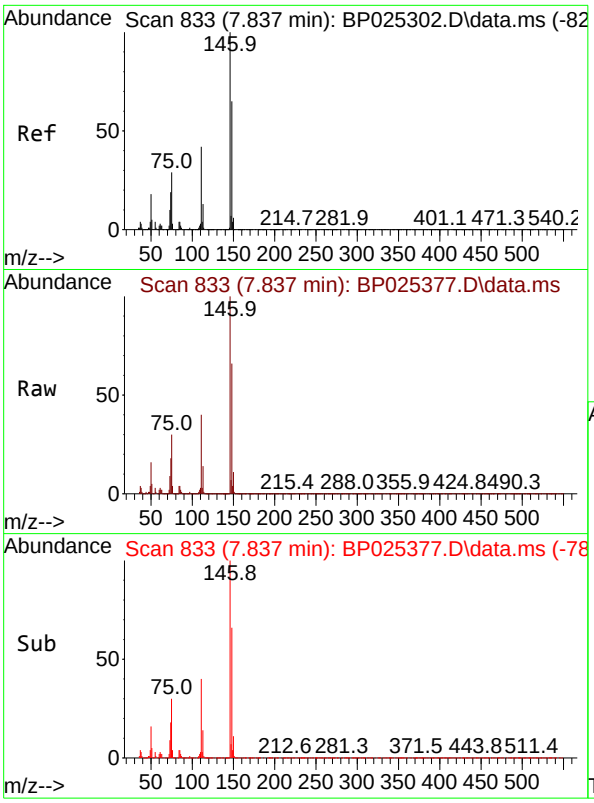


#12
1,3-Dichlorobenzene
Concen: 40.376 ng
RT: 7.690 min Scan# 808
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:146 Resp: 502997

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
75	29.9	23.2	34.8





#13
1,4-Dichlorobenzene
Concen: 40.886 ng
RT: 7.837 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:146 Resp: 515319

Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.0	78.0
111	40.3	33.2	49.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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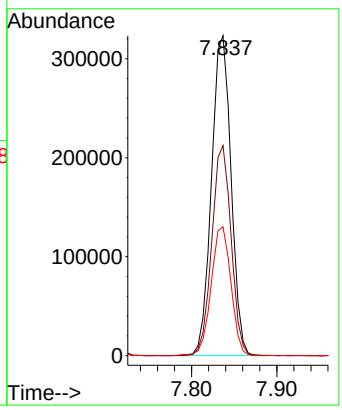
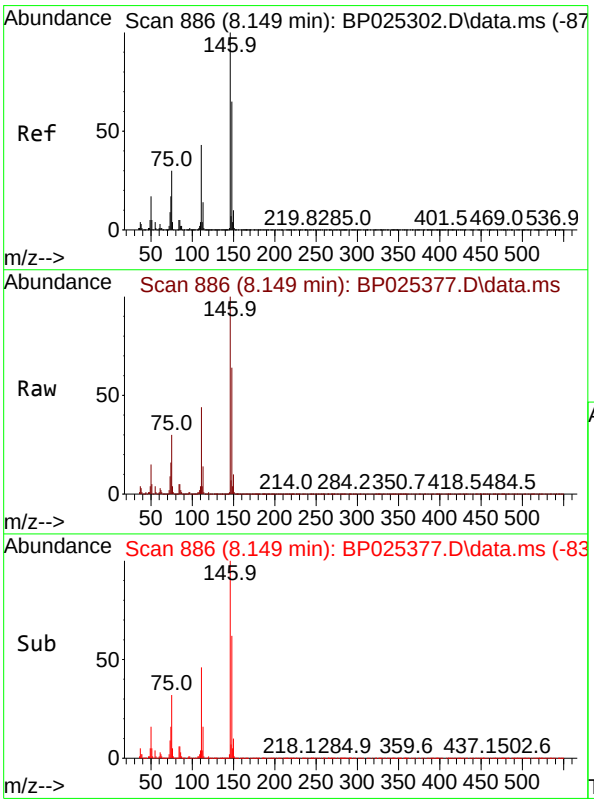
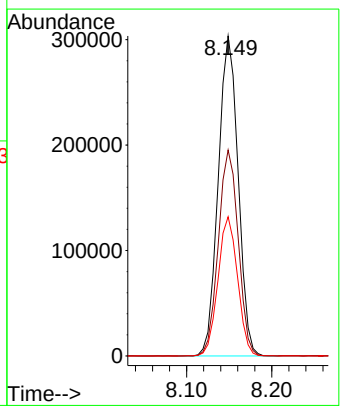


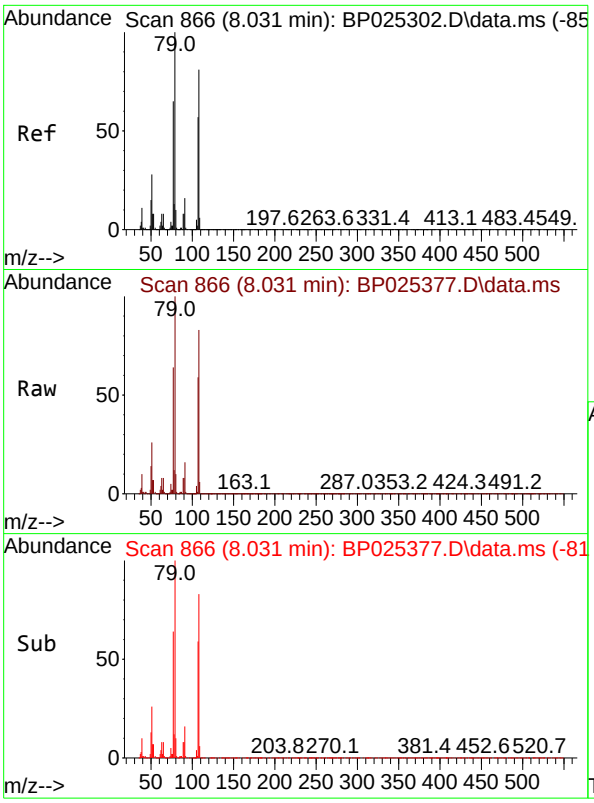


#14
1,2-Dichlorobenzene
Concen: 40.292 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:146 Resp: 491942

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	43.5	34.4	51.6

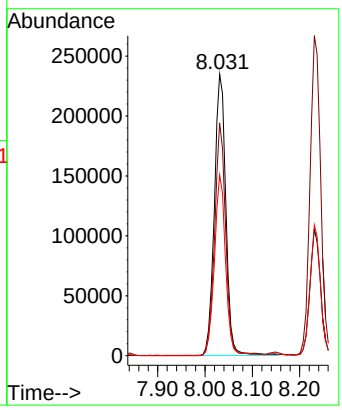




#15
Benzyl Alcohol
Concen: 38.407 ng
RT: 8.031 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 79 Resp: 39686

Ion	Ratio	Lower	Upper
79	100		
108	82.7	64.5	96.7
77	64.1	51.9	77.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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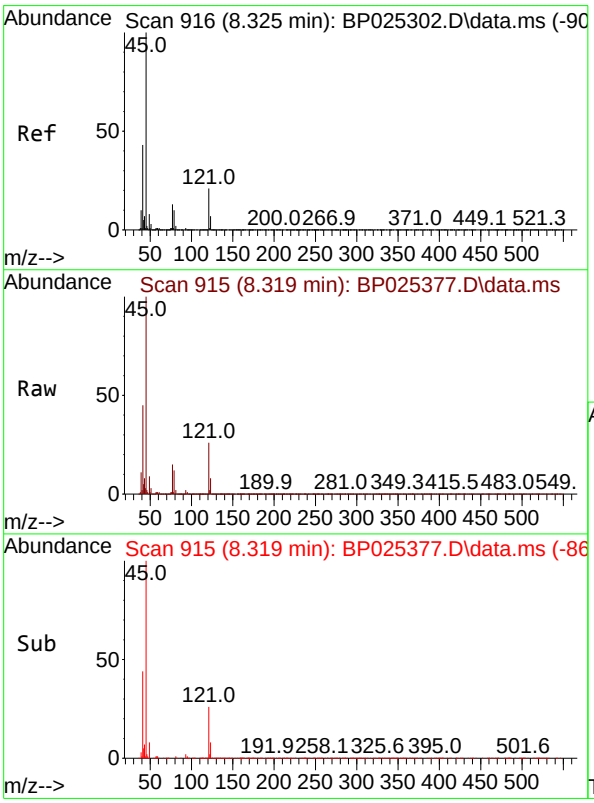
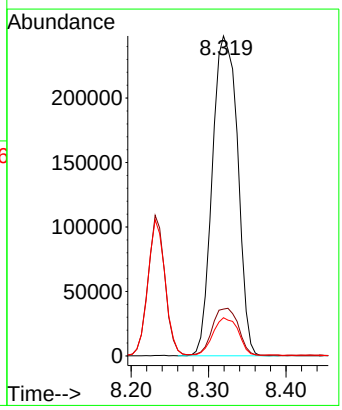
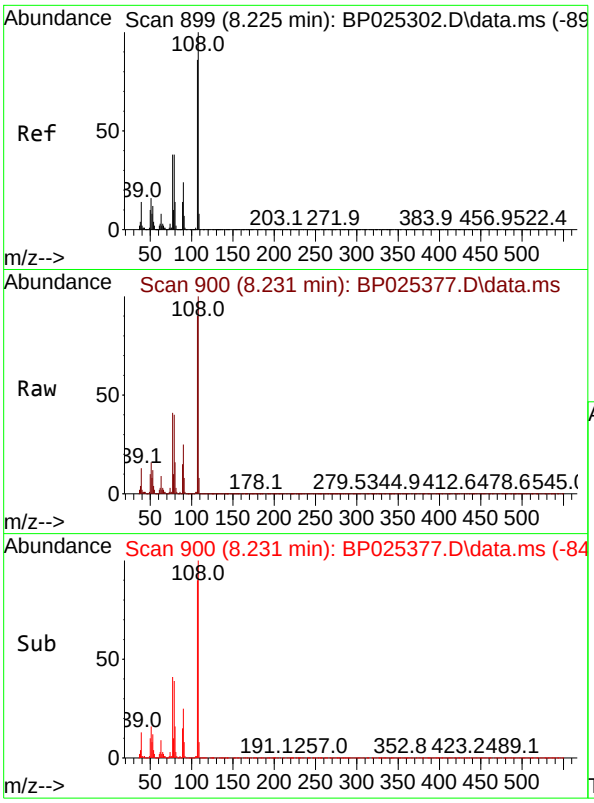


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.950 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 45 Resp: 564054

Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	33.0
79	11.9	0.0	29.8

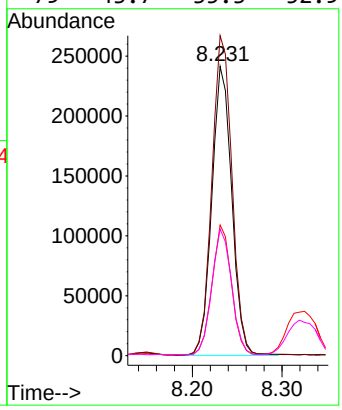




#17
2-Methylphenol
Concen: 38.971 ng
RT: 8.231 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:107 Resp: 37193

Ion	Ratio	Lower	Upper
107	100		
108	110.6	92.6	139.0
77	45.2	35.4	53.2
79	43.7	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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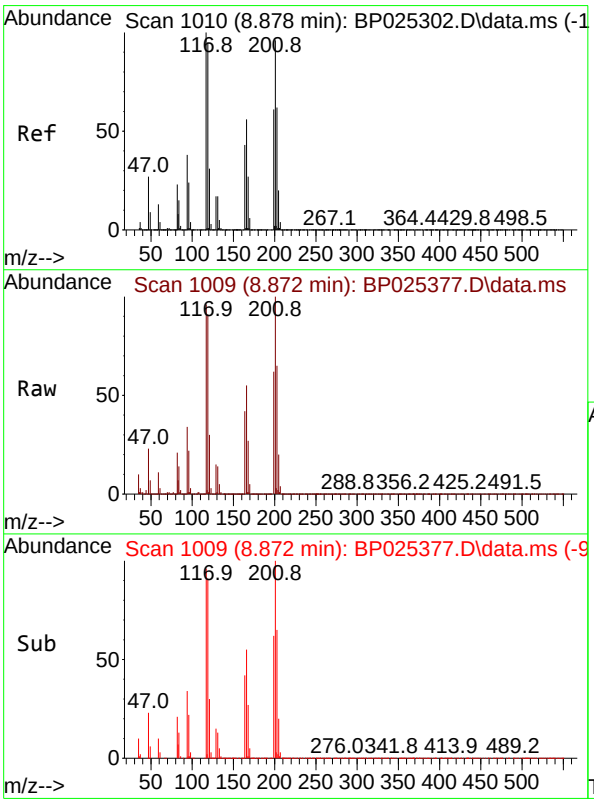
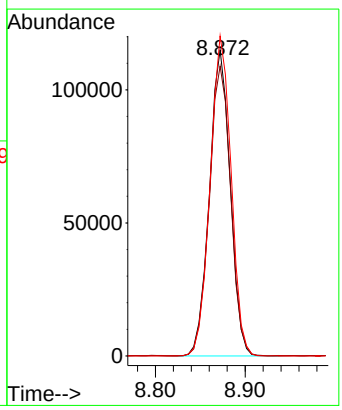
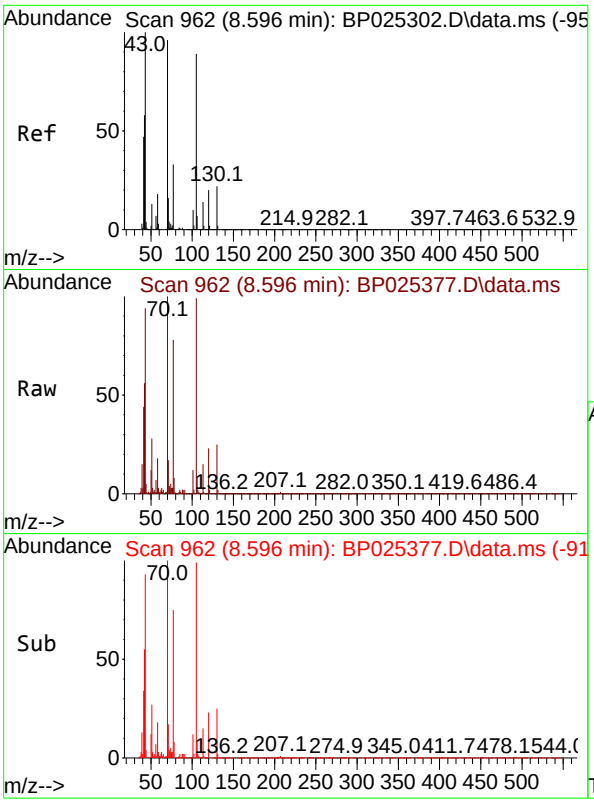


#18
Hexachloroethane
Concen: 41.220 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:117 Resp: 185794

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	104.6	76.6	114.8

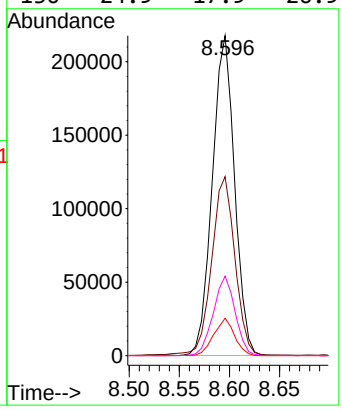




#19
n-Nitroso-di-n-propylamine
Concen: 38.302 ng
RT: 8.596 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 70 Resp: 33546

Ion	Ratio	Lower	Upper
70	100		
42	56.0	49.4	74.0
101	11.7	7.9	11.9
130	24.9	17.9	26.9



Instrument :
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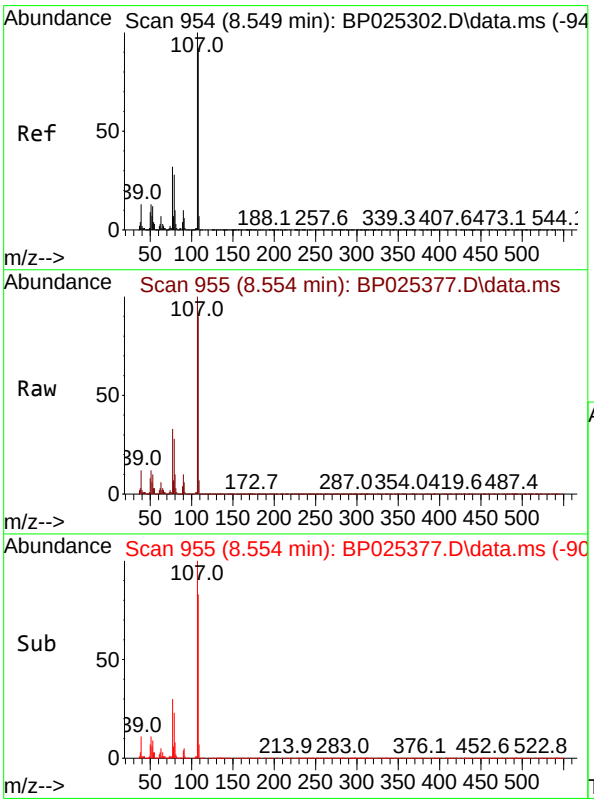
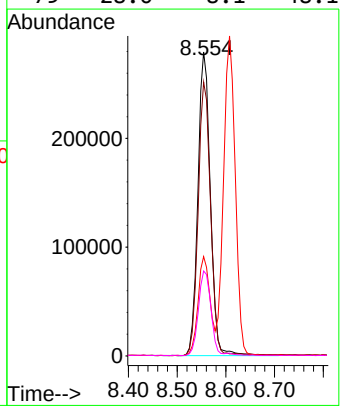
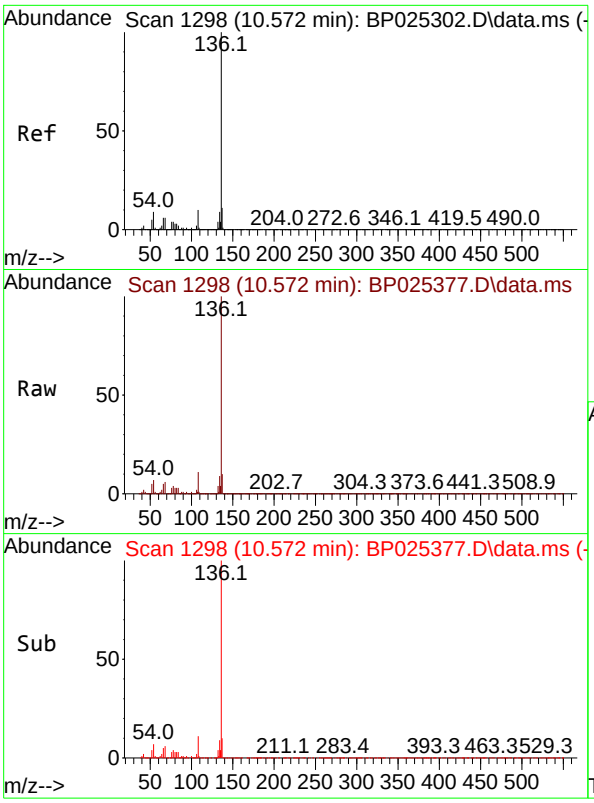


#20
3+4-Methylphenols
Concen: 38.009 ng
RT: 8.554 min Scan# 955
Delta R.T. 0.005 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:107 Resp: 499518

Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.9	111.9
77	32.7	12.0	52.0
79	28.0	8.1	48.1

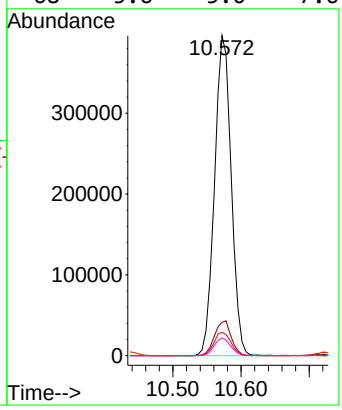




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:136 Resp: 67335

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.3	7.0	10.6
68	5.6	5.0	7.6



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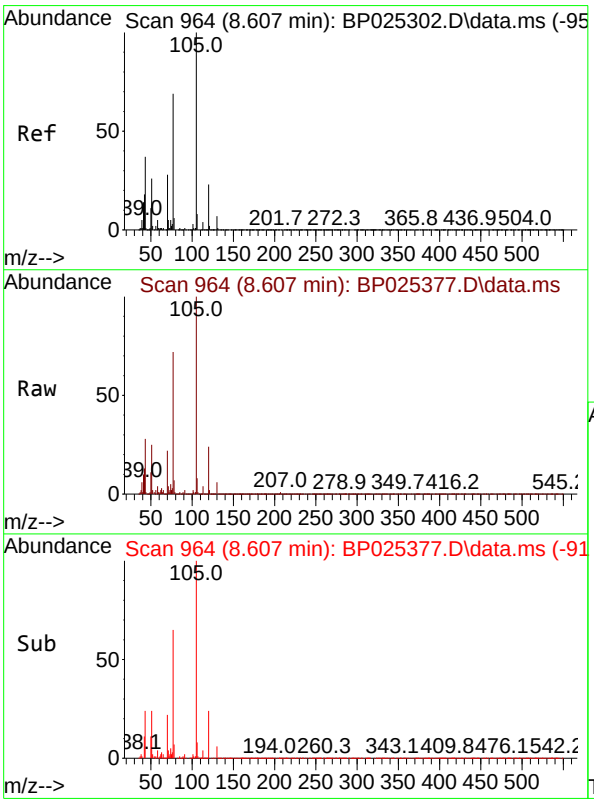
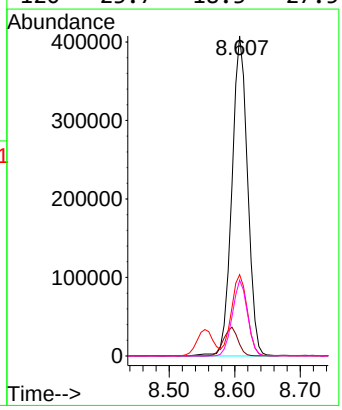
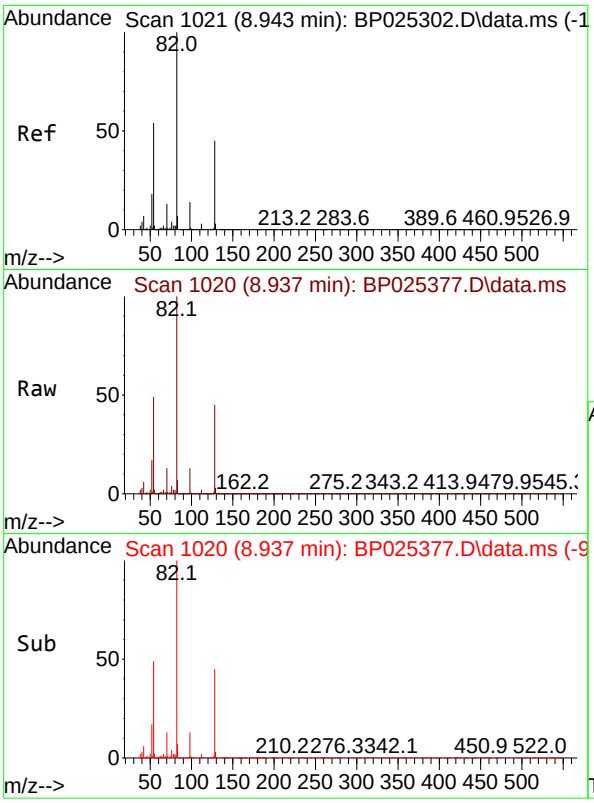


#22
Acetophenone
Concen: 40.054 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:105 Resp: 677050

Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.1	6.1#
51	25.4	22.7	34.1
120	23.7	18.3	27.5





#23
Nitrobenzene-d5
Concen: 90.170 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 82 Resp: 109593

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.4	53.2
54	49.0	42.9	64.3

Instrument :
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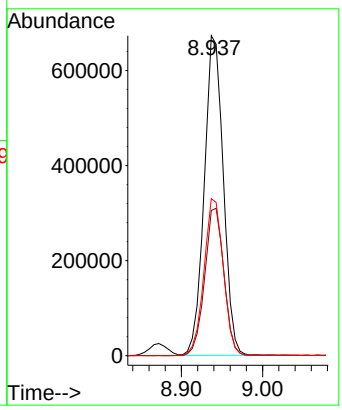
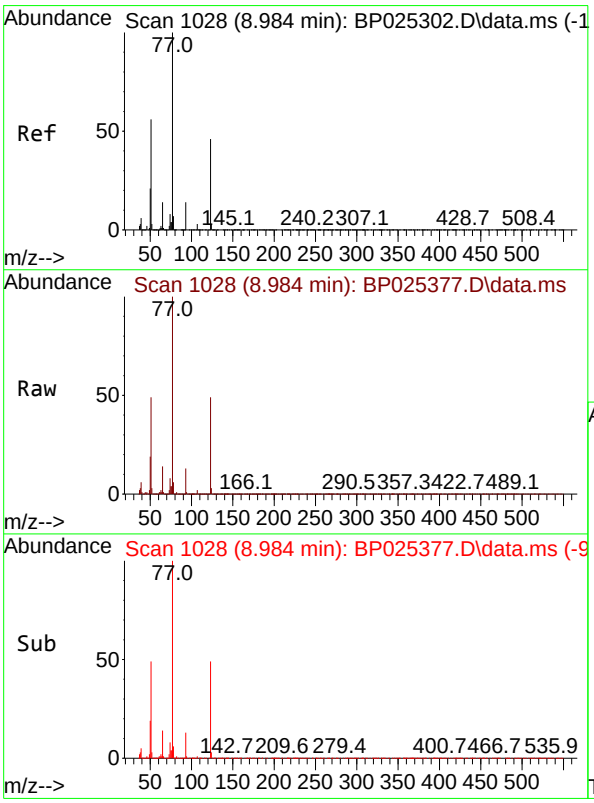
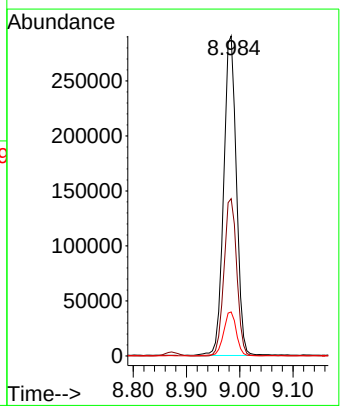


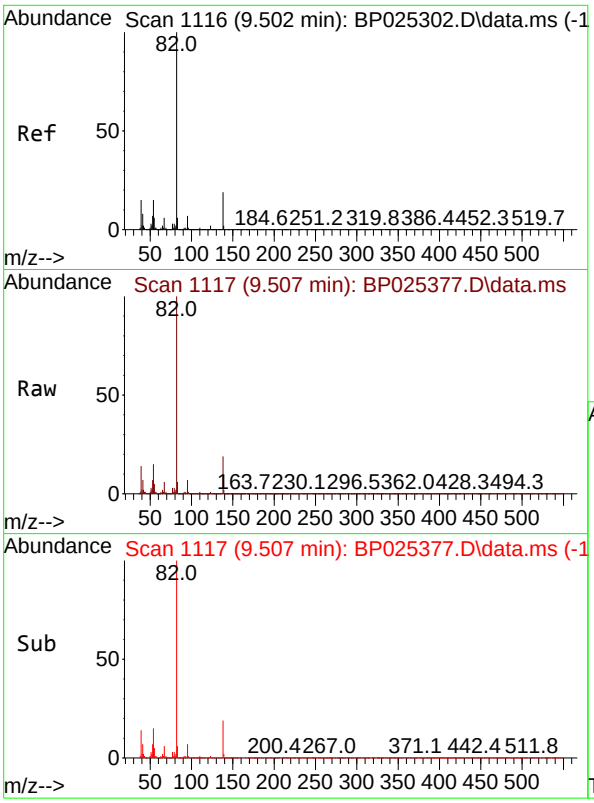


#24
Nitrobenzene
Concen: 41.925 ng
RT: 8.984 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 77 Resp: 482357

Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.4	56.2
65	13.7	11.1	16.7

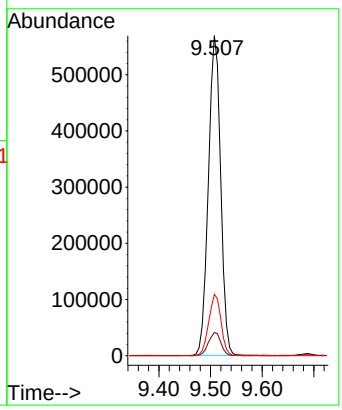




#25
Isophorone
Concen: 38.808 ng
RT: 9.507 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 82 Resp: 93889

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	19.1	15.0	22.6



Instrument :
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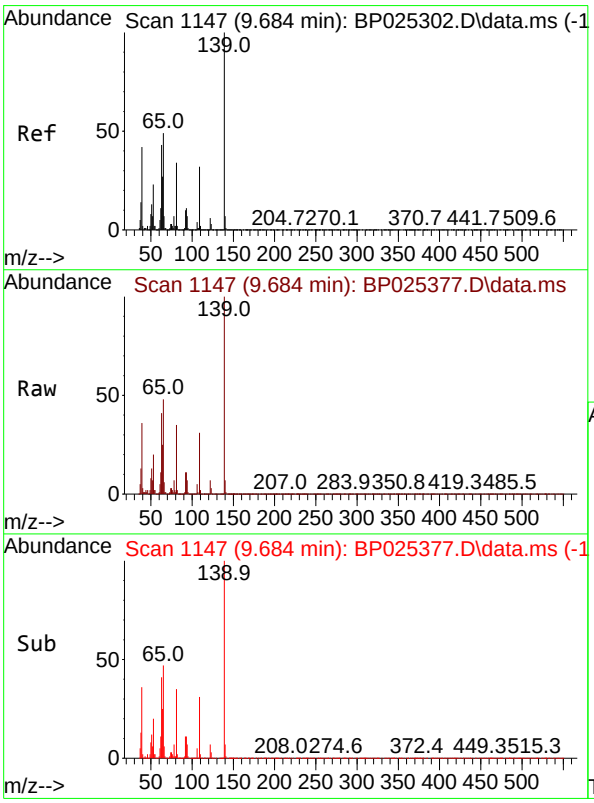
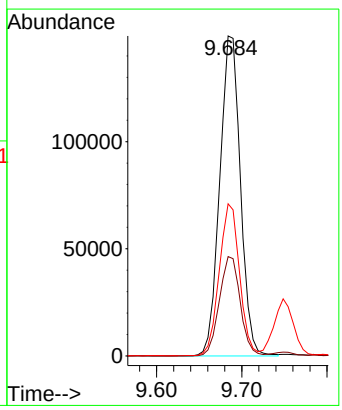
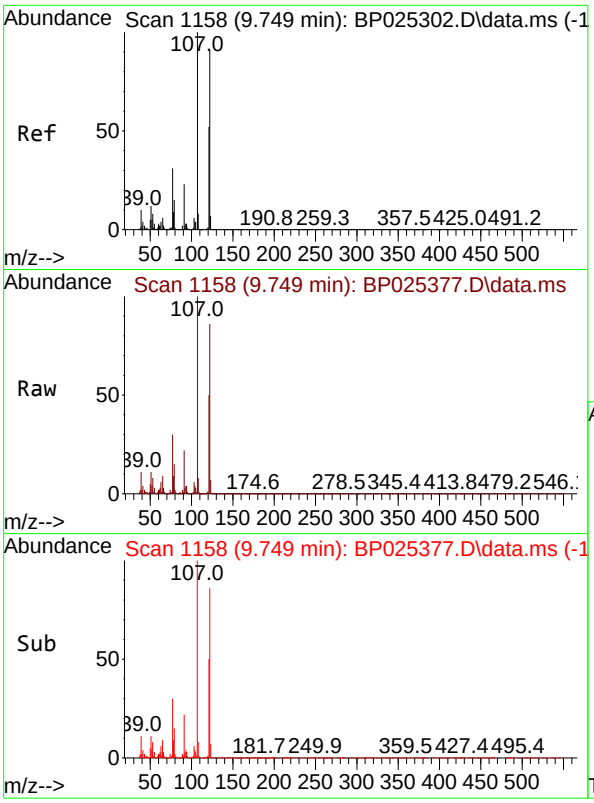


#26
2-Nitrophenol
Concen: 50.097 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:139 Resp: 251939

Ion	Ratio	Lower	Upper
139	100		
109	31.0	25.2	37.8
65	47.5	39.6	59.4

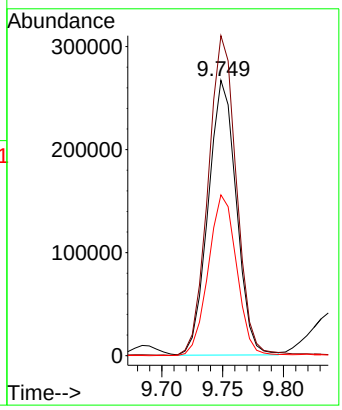




#27
2,4-Dimethylphenol
Concen: 38.455 ng
RT: 9.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:122 Resp: 42893

Ion	Ratio	Lower	Upper
122	100		
107	116.2	87.4	131.0
121	58.4	45.8	68.8



Instrument :
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ClientSampleId :
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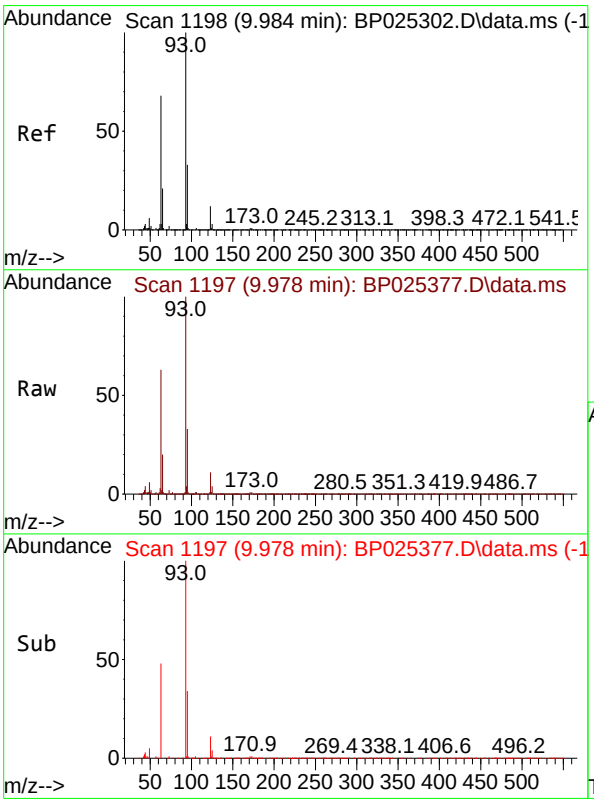
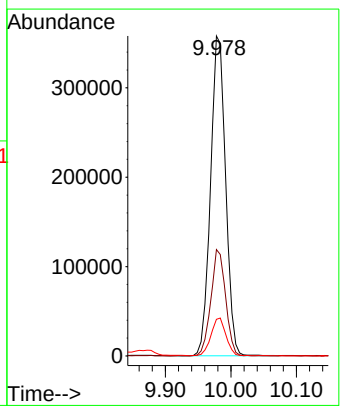
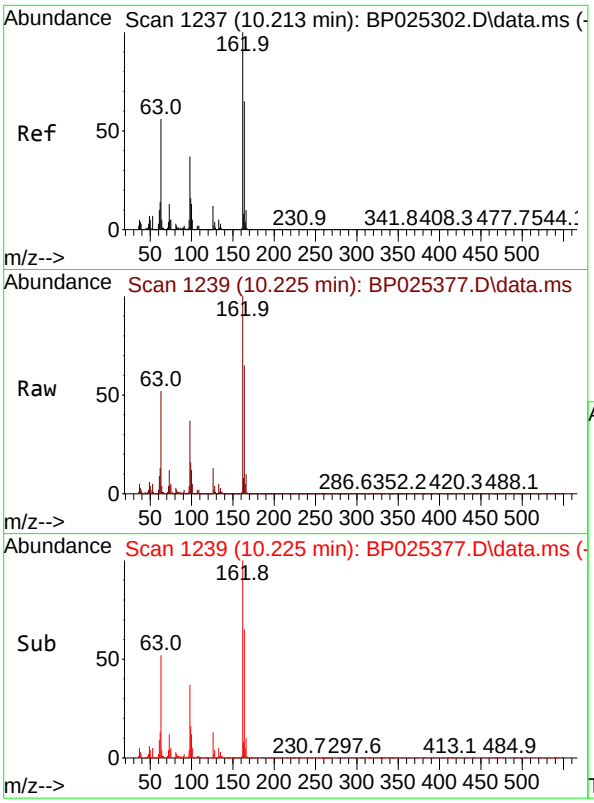


#28
bis(2-Chloroethoxy)methane
Concen: 38.899 ng
RT: 9.978 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 93 Resp: 572502

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	11.5	9.4	14.2

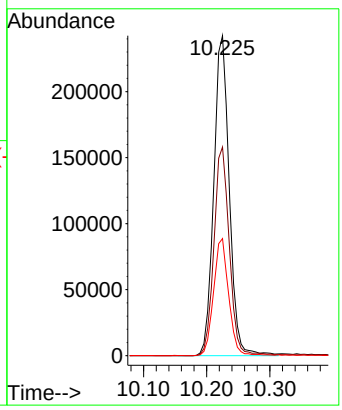




#29
2,4-Dichlorophenol
Concen: 42.260 ng
RT: 10.225 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:162 Resp: 41268

Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.2	85.2
98	36.6	17.5	57.5



Instrument :
BNA_P
ClientSampleId :
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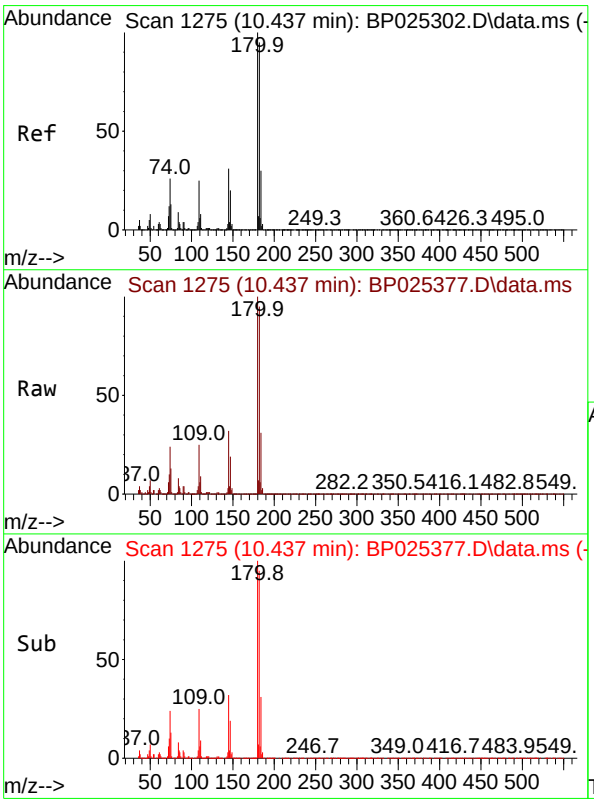
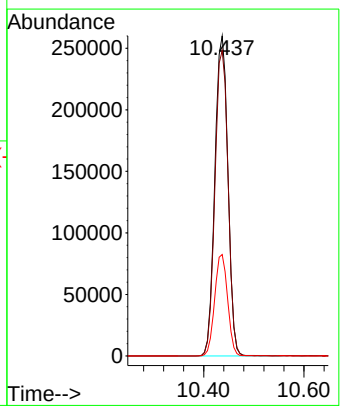
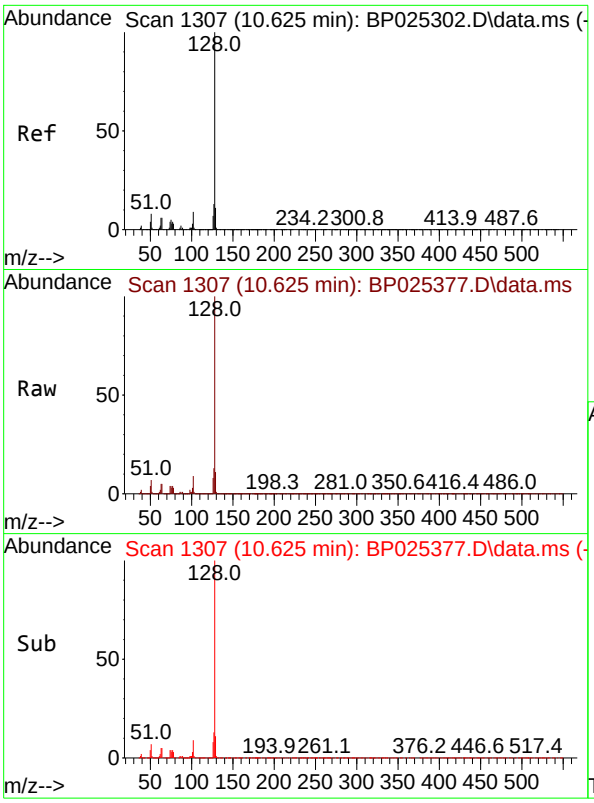


#30
1,2,4-Trichlorobenzene
Concen: 43.530 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:180 Resp: 468974

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.8
145	31.7	25.0	37.4

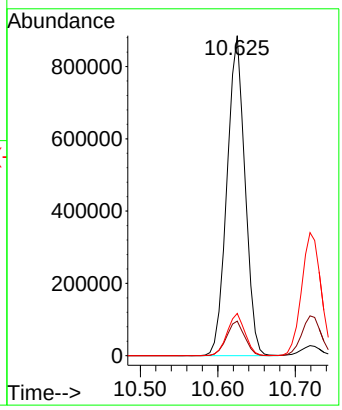




#31
Naphthalene
Concen: 40.934 ng
RT: 10.625 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:128 Resp: 143085

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.2	10.4	15.6



Instrument :
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ClientSampleId :
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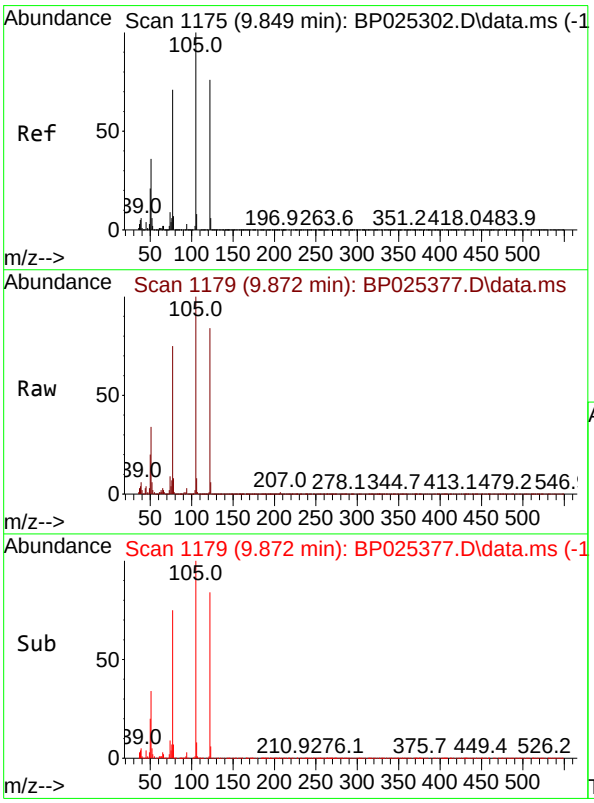
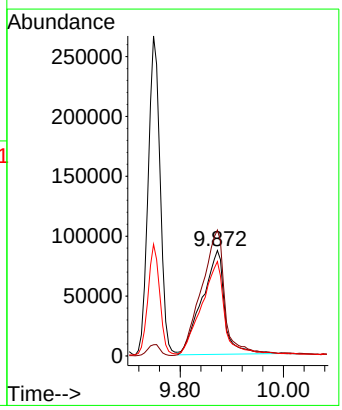
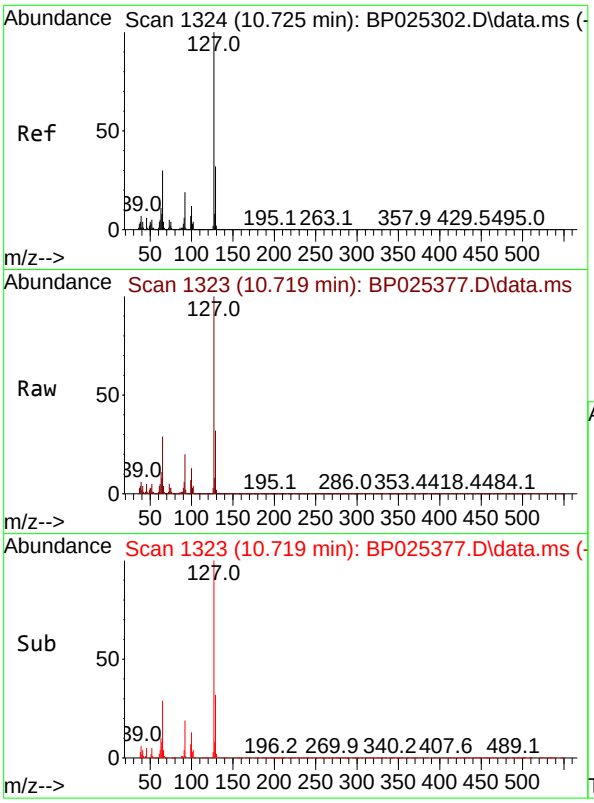


#32
Benzoic acid
Concen: 43.252 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.023 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:122 Resp: 263556

Ion	Ratio	Lower	Upper
122	100		
105	119.4	104.0	144.0
77	89.5	71.8	111.8

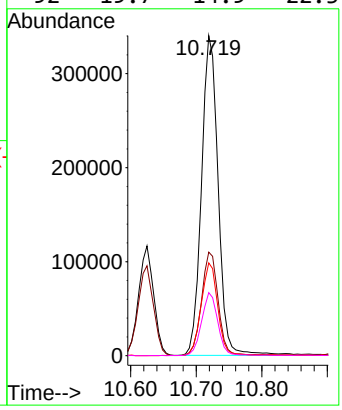




#33
4-Chloroaniline
Concen: 38.661 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:127 Resp: 60104

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	29.0	23.6	35.4
92	19.7	14.9	22.3



Instrument :
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ClientSampleId :
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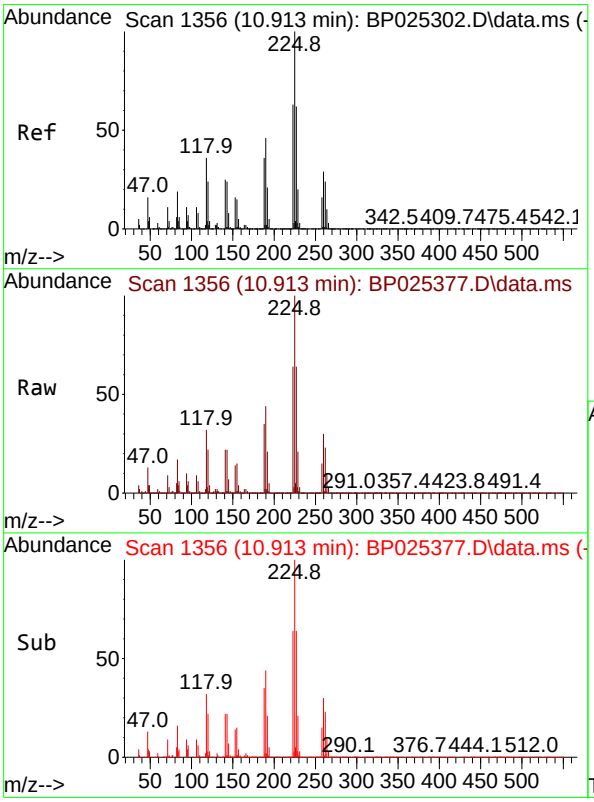
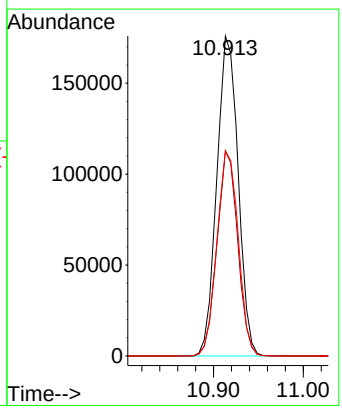
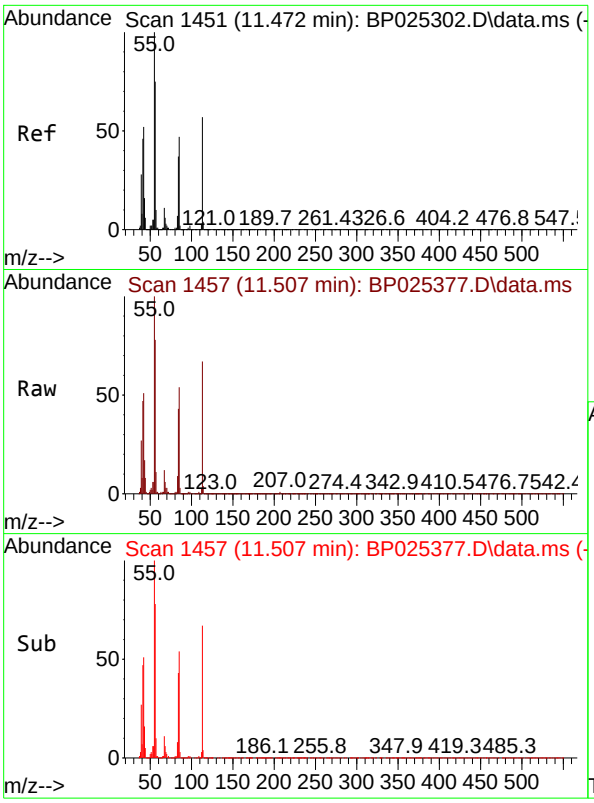


#34
Hexachlorobutadiene
Concen: 46.907 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:225 Resp: 290090

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.3	75.5
227	64.1	49.7	74.5

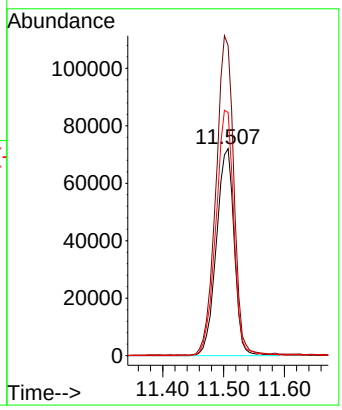




#35
Caprolactam
Concen: 38.677 ng
RT: 11.507 min Scan# 14
Delta R.T. 0.035 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:113 Resp: 14652

Ion	Ratio	Lower	Upper
113	100		
55	149.8	154.4	194.4
56	117.5	110.9	150.9



Instrument :
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ClientSampleId :
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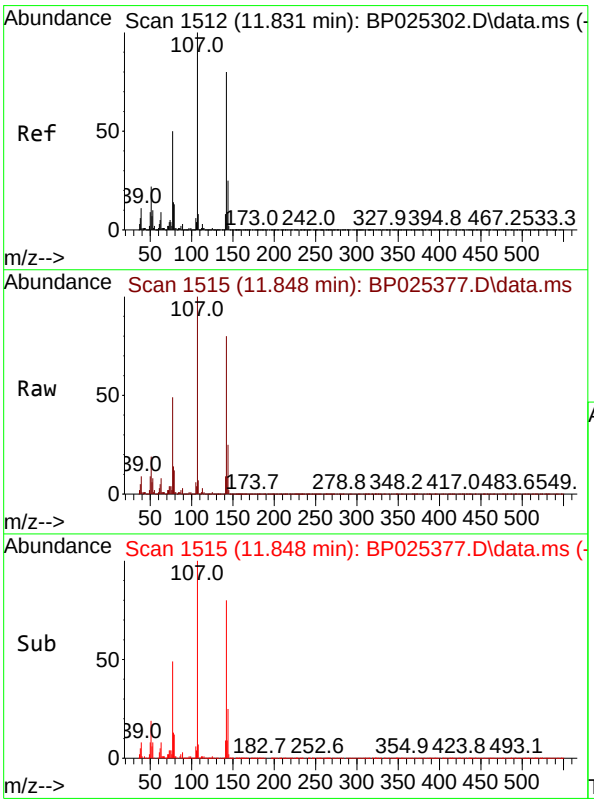
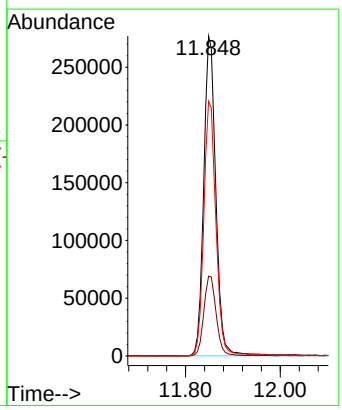
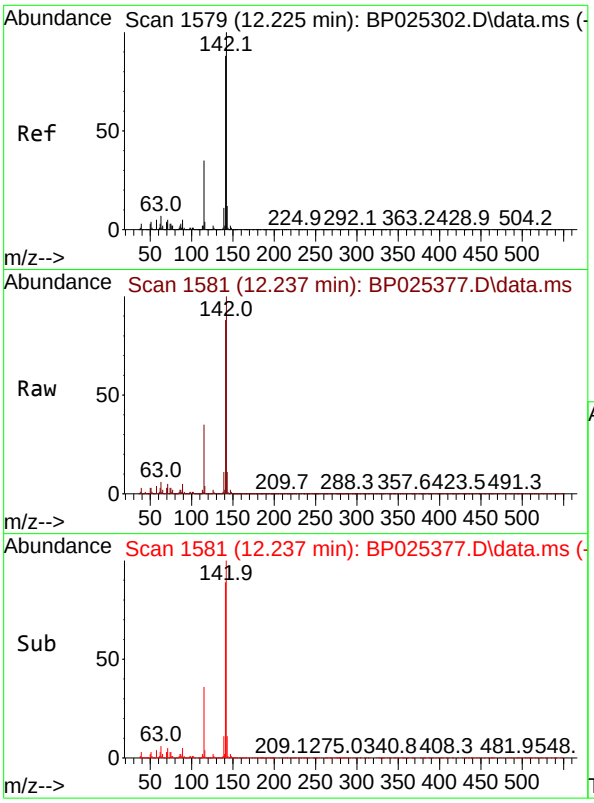


#36
4-Chloro-3-methylphenol
Concen: 43.328 ng
RT: 11.848 min Scan# 1515
Delta R.T. 0.017 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:107 Resp: 489583

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.4	30.6
142	79.6	63.7	95.5

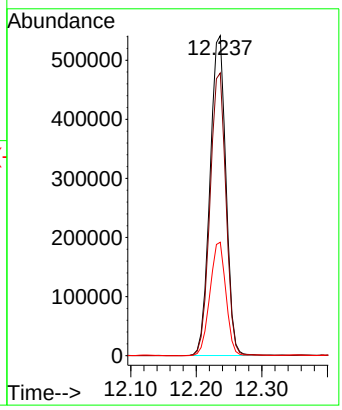




#37
2-Methylnaphthalene
Concen: 40.333 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:142 Resp: 91252

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	35.5	28.0	42.0



Instrument :
BNA_P
ClientSampleId :
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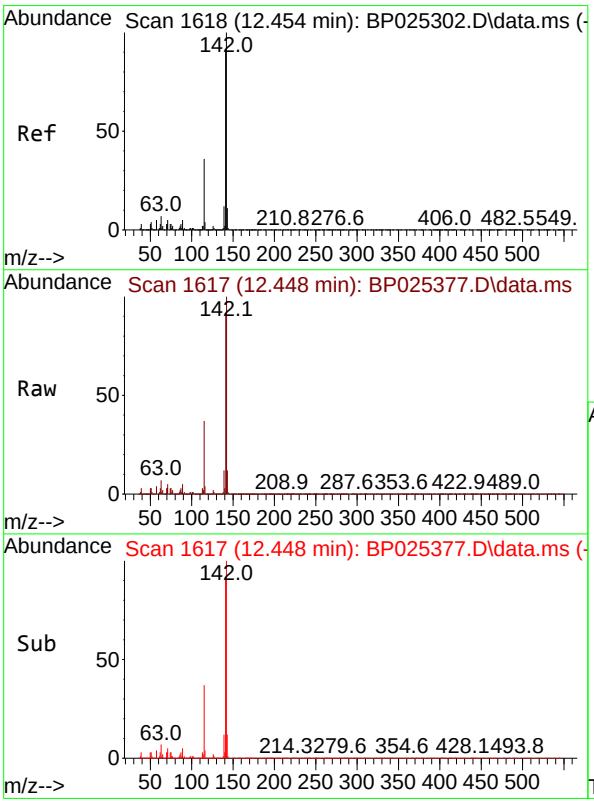
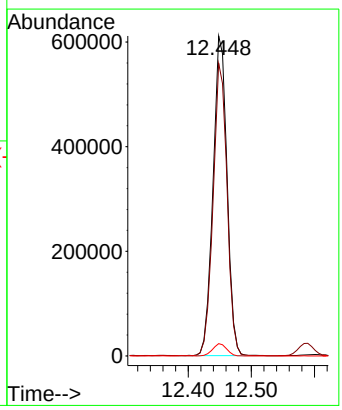
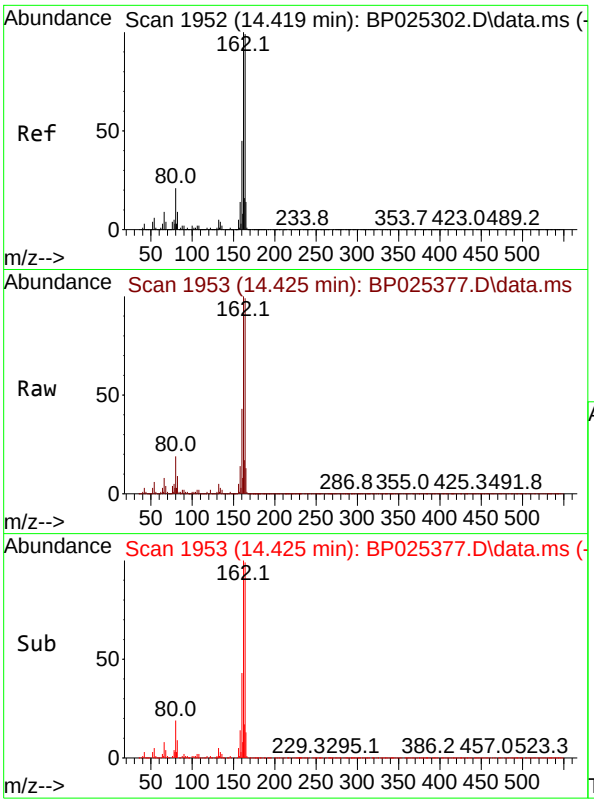


#38
1-Methylnaphthalene
Concen: 39.898 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:142 Resp: 941888

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.6
116	3.8	3.0	4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.425 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:164 Resp: 41684

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	43.8	35.9	53.9

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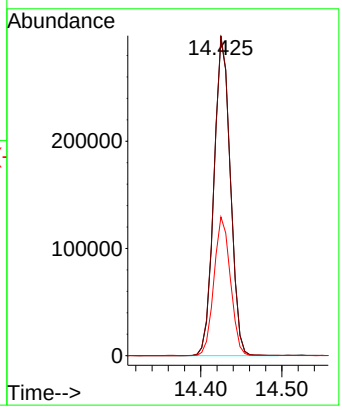
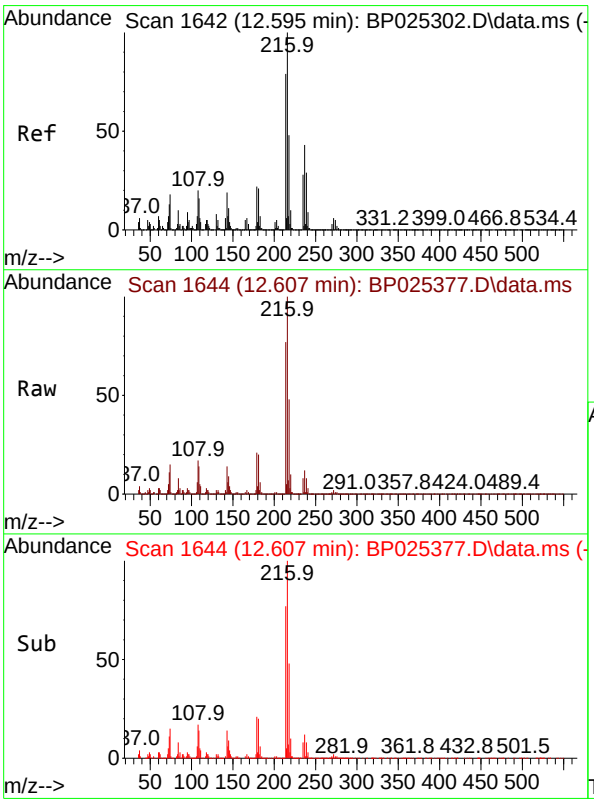
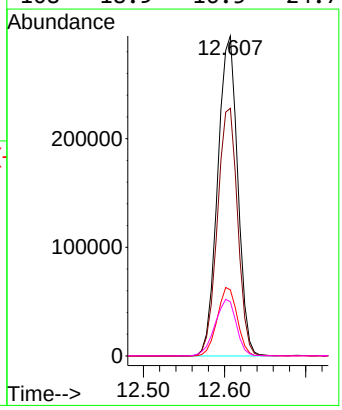


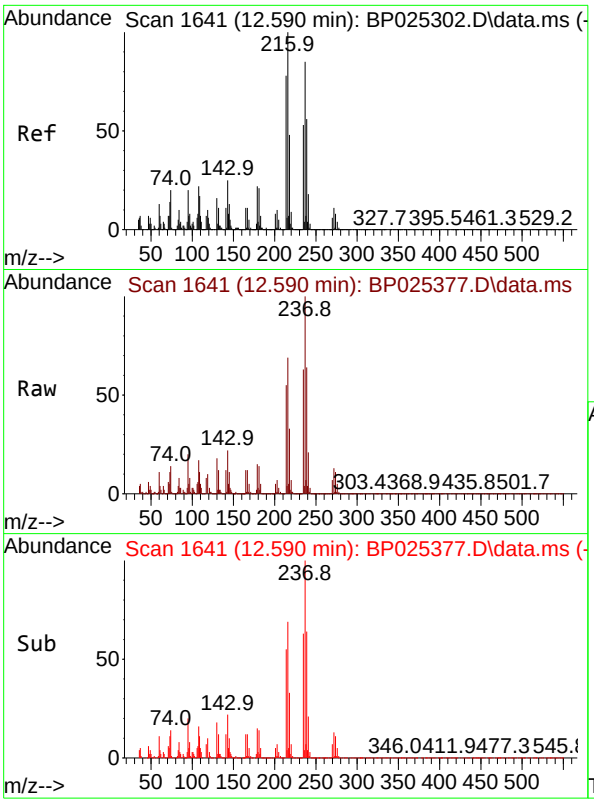


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.455 ng
RT: 12.607 min Scan# 1644
Delta R.T. 0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:216 Resp: 505917

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.4	93.6
179	21.4	17.5	26.3
108	18.9	16.5	24.7





#41
Hexachlorocyclopentadiene
Concen: 45.169 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:237 Resp: 31726

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.2	82.2
272	13.1	0.0	32.8

Instrument :
BNA_P
ClientSampleId :
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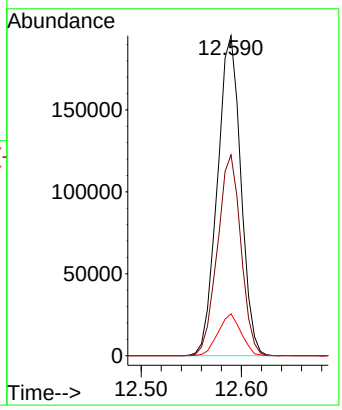
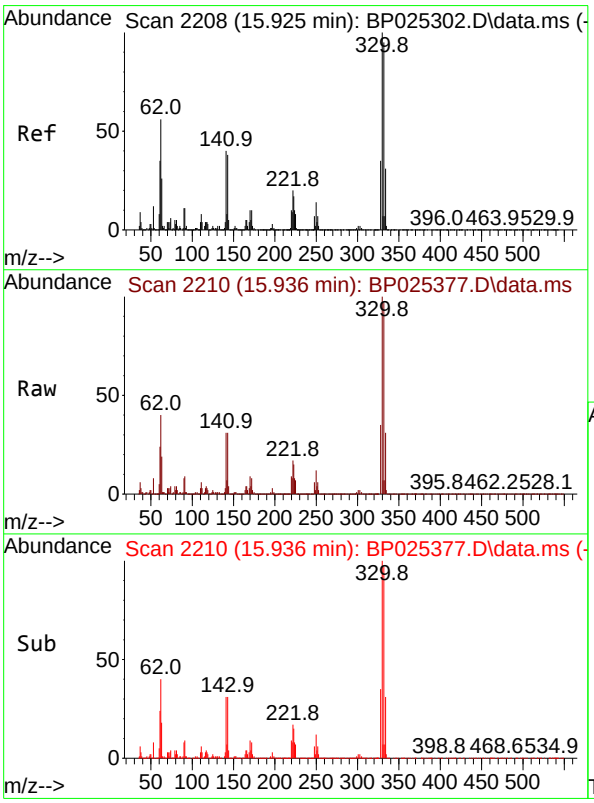
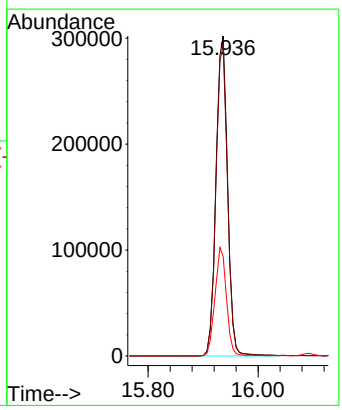


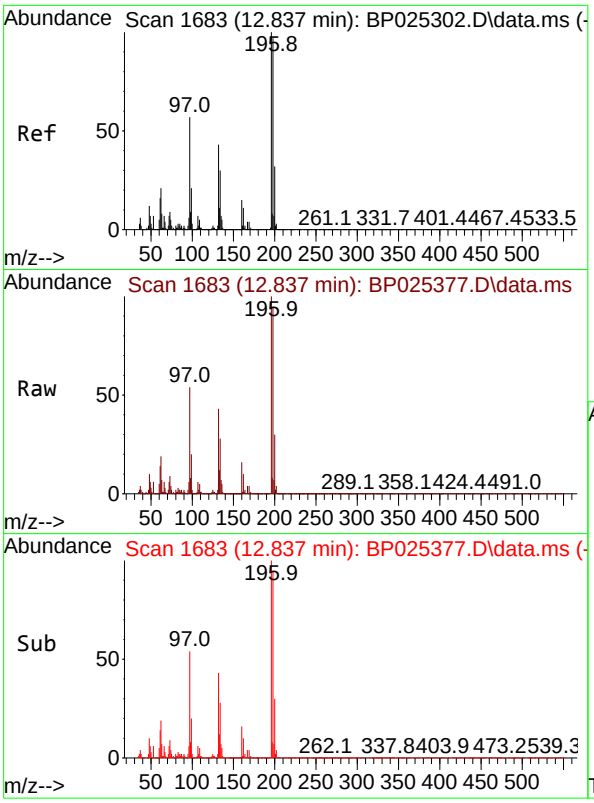


#42
2,4,6-Tribromophenol
Concen: 106.478 ng
RT: 15.936 min Scan# 2210
Delta R.T. 0.011 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:330 Resp: 442787

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	33.7	31.7	47.5

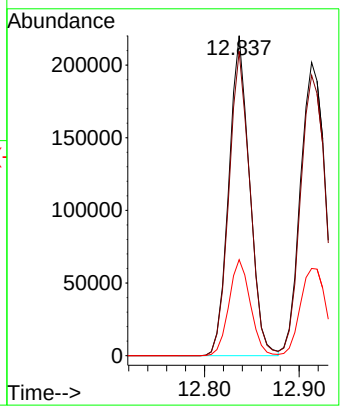




#43
2,4,6-Trichlorophenol
Concen: 45.667 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:196 Resp: 33572

Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.3	115.9
200	30.0	25.4	38.2



Instrument :
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ClientSampleId :
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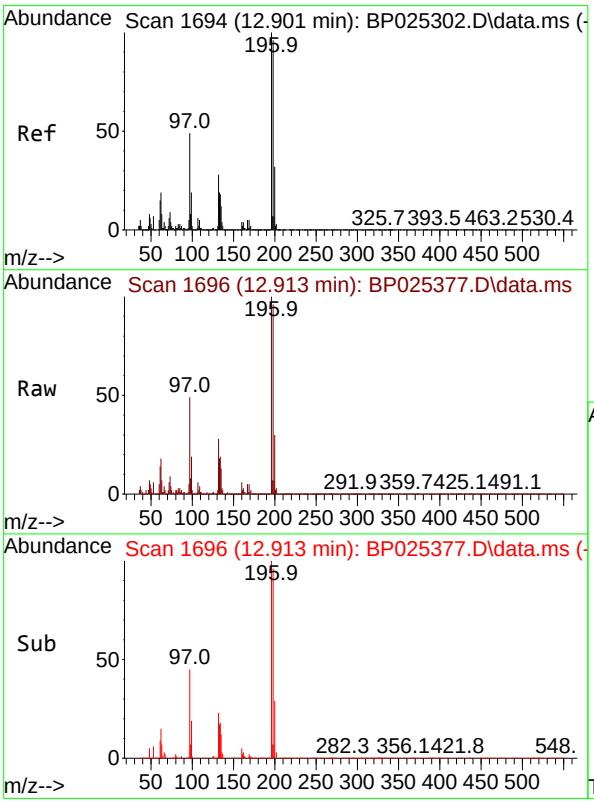
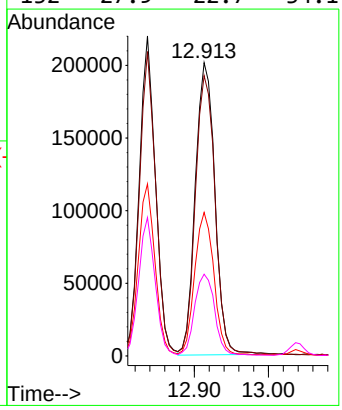
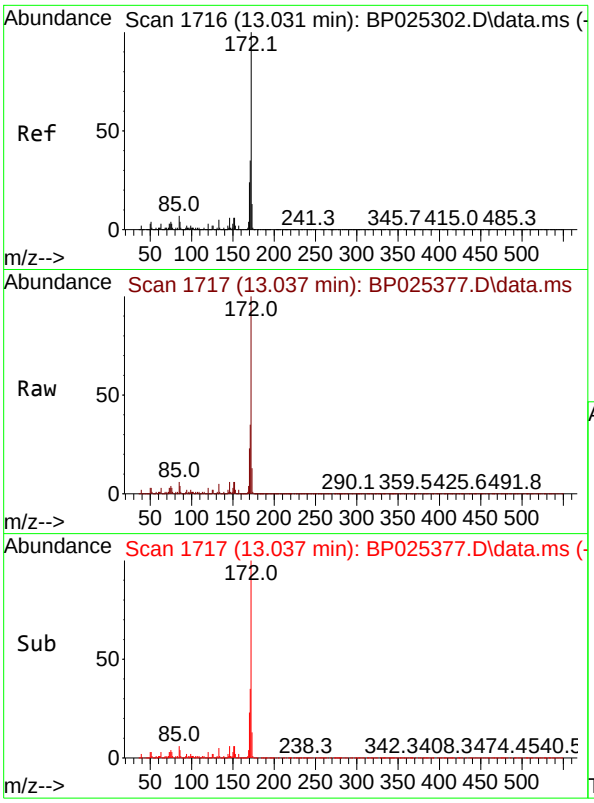


#44
2,4,5-Trichlorophenol
Concen: 44.979 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:196 Resp: 370942

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.6	114.8
97	48.9	39.5	59.3
132	27.9	22.7	34.1

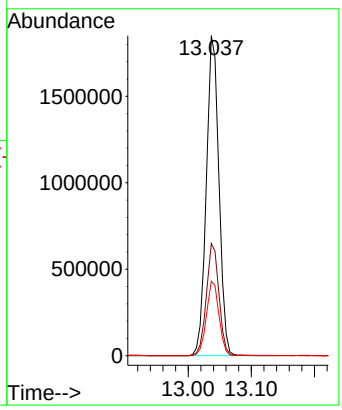




#45
2-Fluorobiphenyl
Concen: 85.341 ng
RT: 13.037 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:172 Resp: 257553

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.3	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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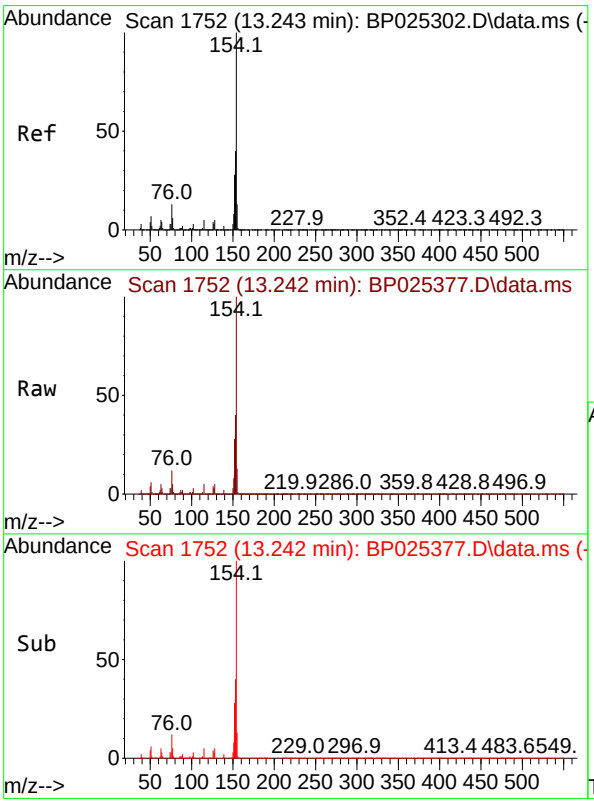
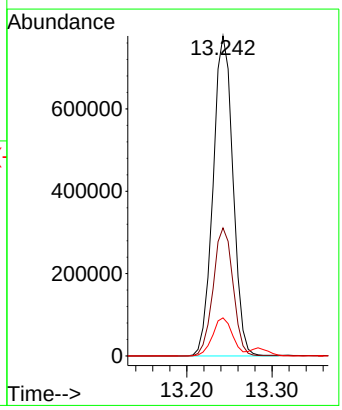
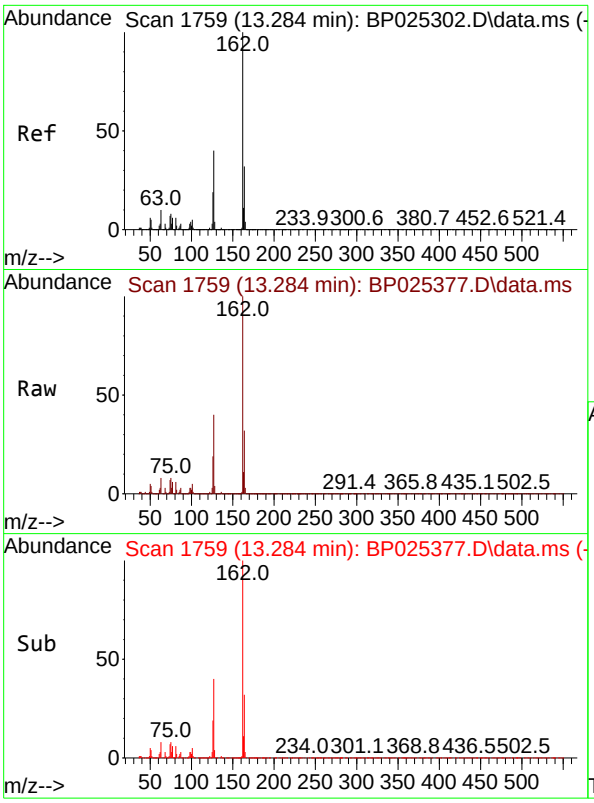


#46
1,1'-Biphenyl
Concen: 41.092 ng
RT: 13.242 min Scan# 1752
Delta R.T. -0.001 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:154 Resp: 1262313

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.9	59.9
76	11.9	0.0	33.2

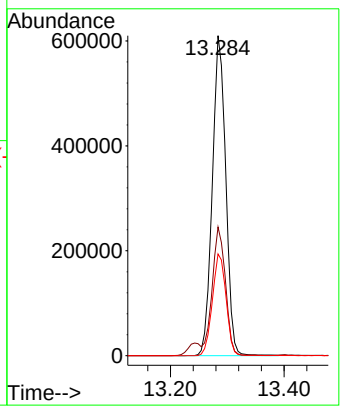




#47
2-Chloronaphthalene
Concen: 42.622 ng
RT: 13.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:162 Resp: 99889

Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.2
164	31.8	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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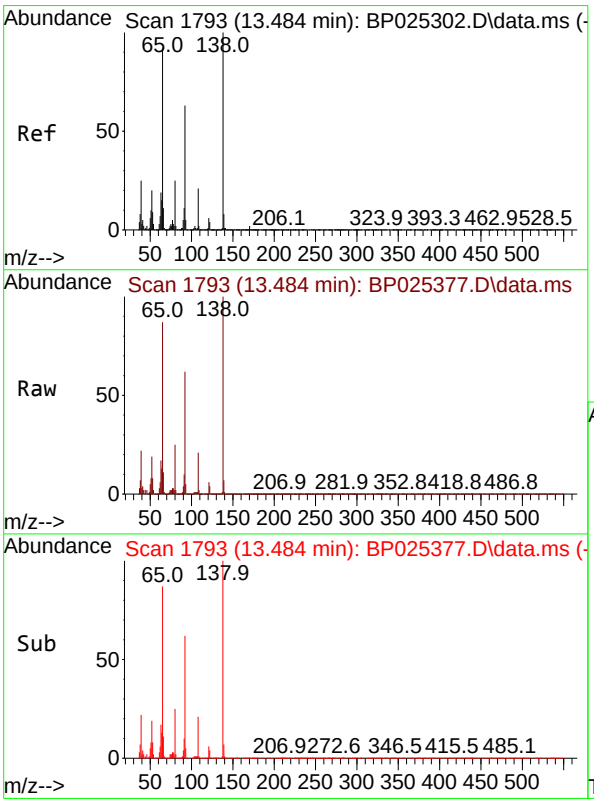
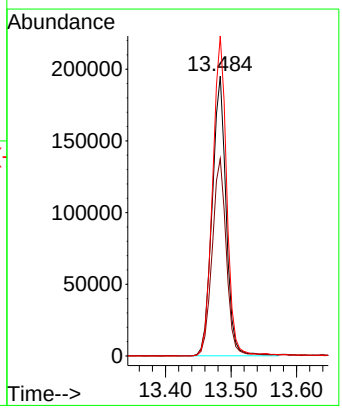
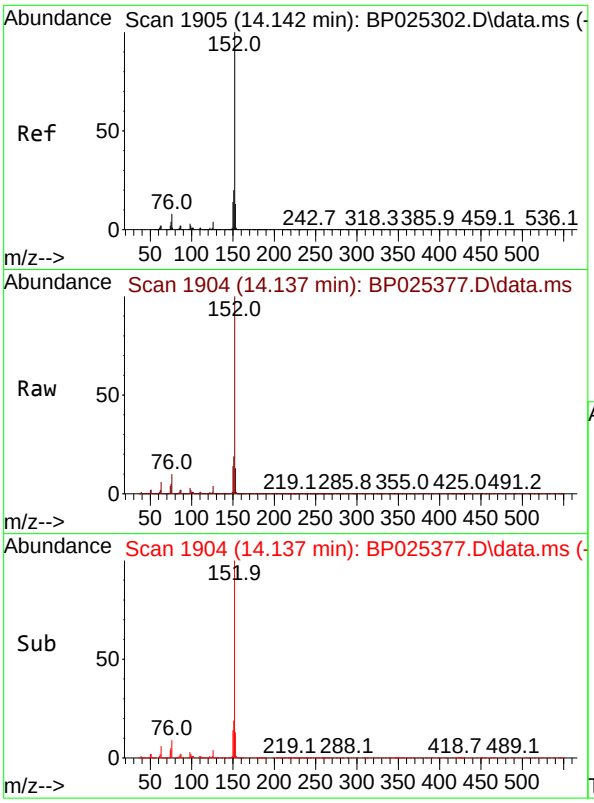


#48
2-Nitroaniline
Concen: 42.432 ng
RT: 13.484 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 65 Resp: 288791

Ion	Ratio	Lower	Upper
65	100		
92	70.5	54.4	81.6
138	114.4	87.0	130.4

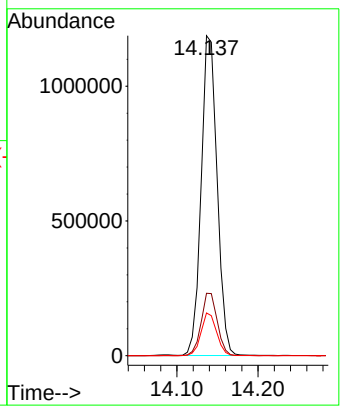




#49
Acenaphthylene
Concen: 41.408 ng
RT: 14.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:152 Resp: 161876

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.3	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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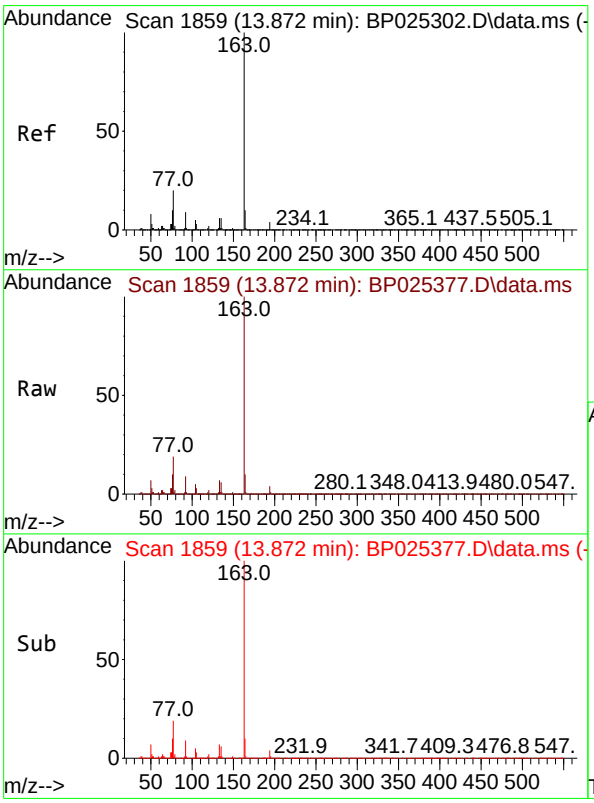
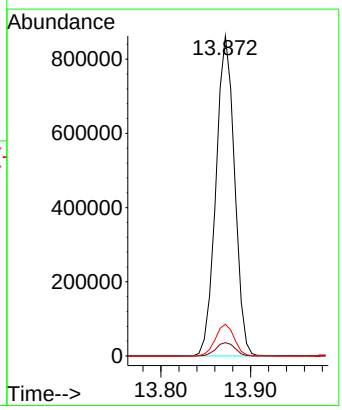
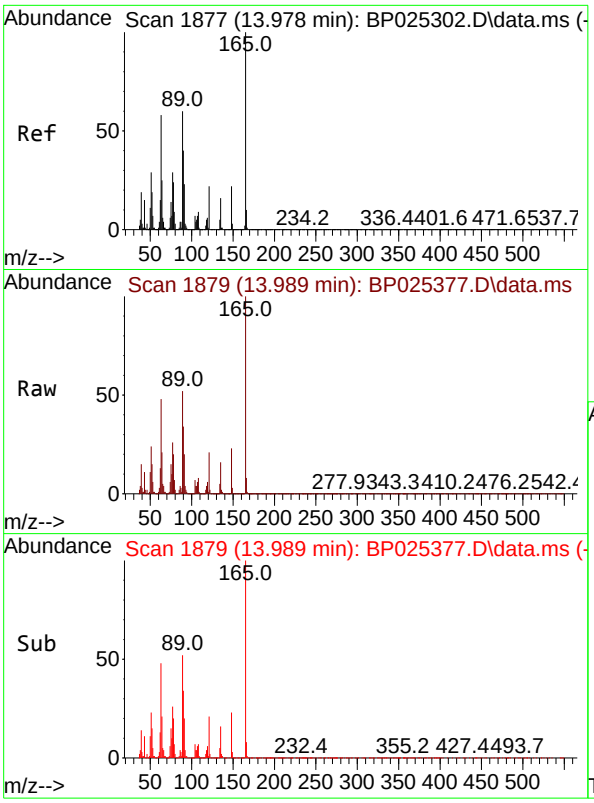


#50
Dimethylphthalate
Concen: 40.865 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:163 Resp: 1241763

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 48.334 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.011 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:165 Resp: 27091

Ion	Ratio	Lower	Upper
165	100		
63	48.1	47.6	71.4
89	52.4	47.8	71.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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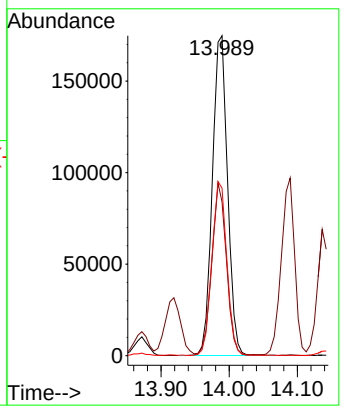
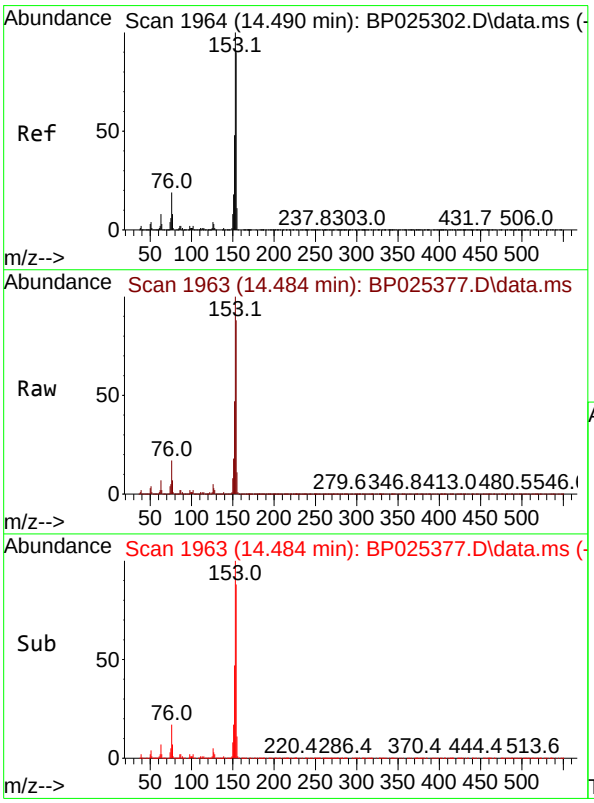
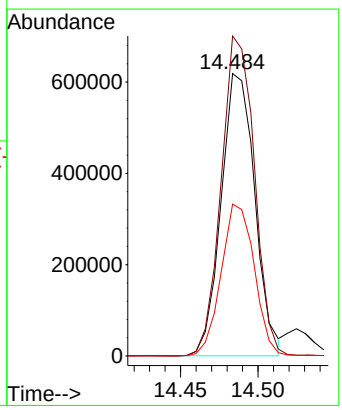


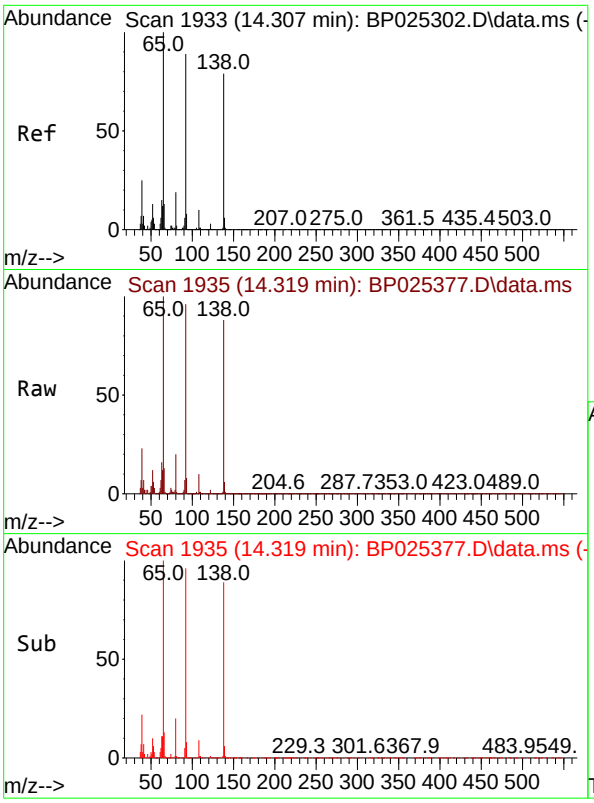


#52
Acenaphthene
Concen: 39.201 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:154 Resp: 934768

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.4	134.0
152	53.7	43.0	64.6





#53
3-Nitroaniline
Concen: 45.480 ng
RT: 14.319 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 29828

Ion	Ratio	Lower	Upper
138	100		
108	10.8	10.5	15.7
92	109.0	90.9	136.3

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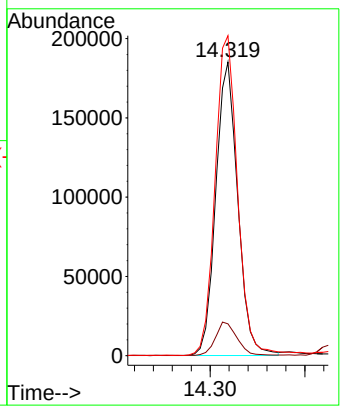
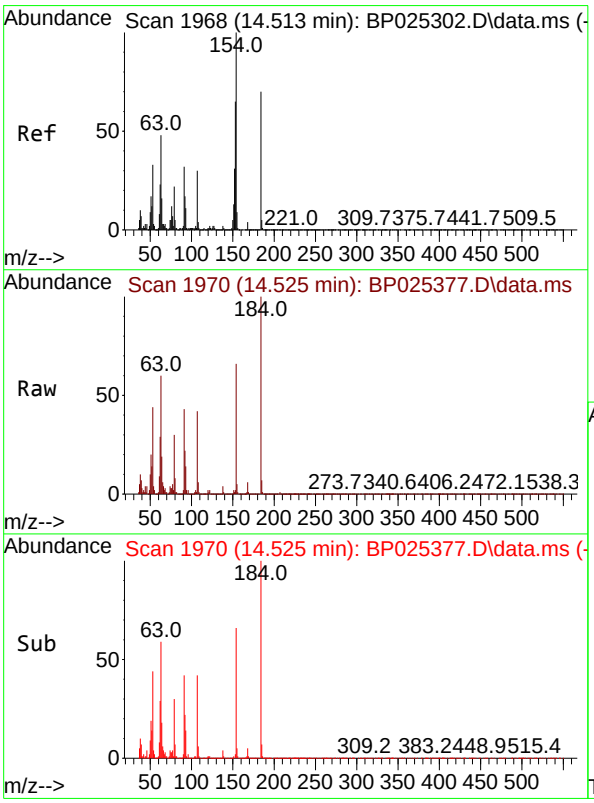
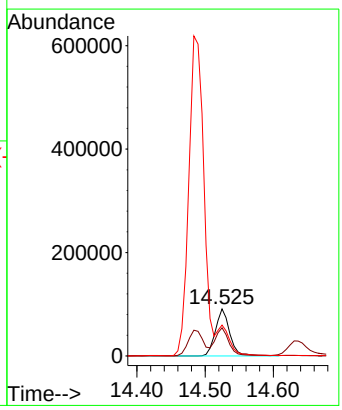


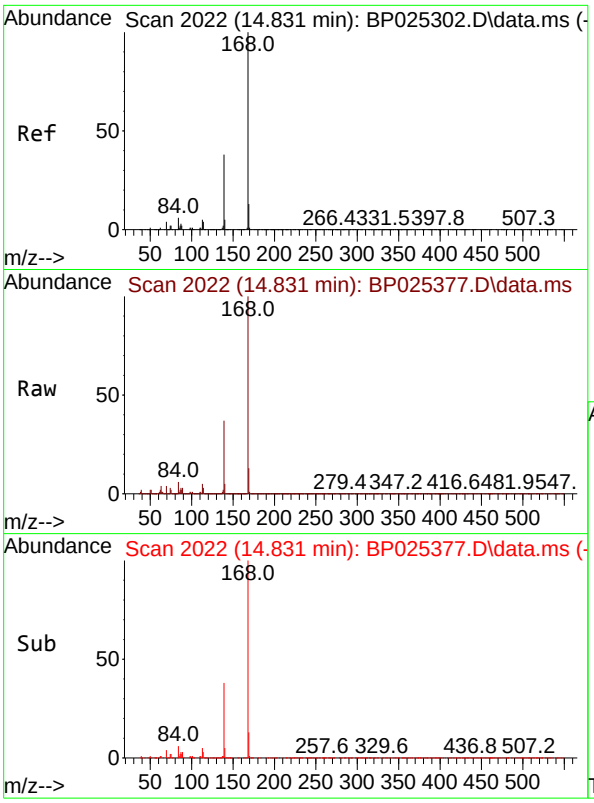


#54
2,4-Dinitrophenol
Concen: 53.765 ng
RT: 14.525 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:184 Resp: 133103

Ion	Ratio	Lower	Upper
184	100		
63	59.9	56.3	84.5
154	65.8	124.5	186.7#

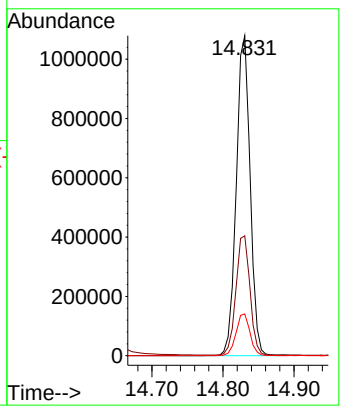




#55
Dibenzofuran
Concen: 41.132 ng
RT: 14.831 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:168 Resp: 146568

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.5	45.7
169	13.1	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
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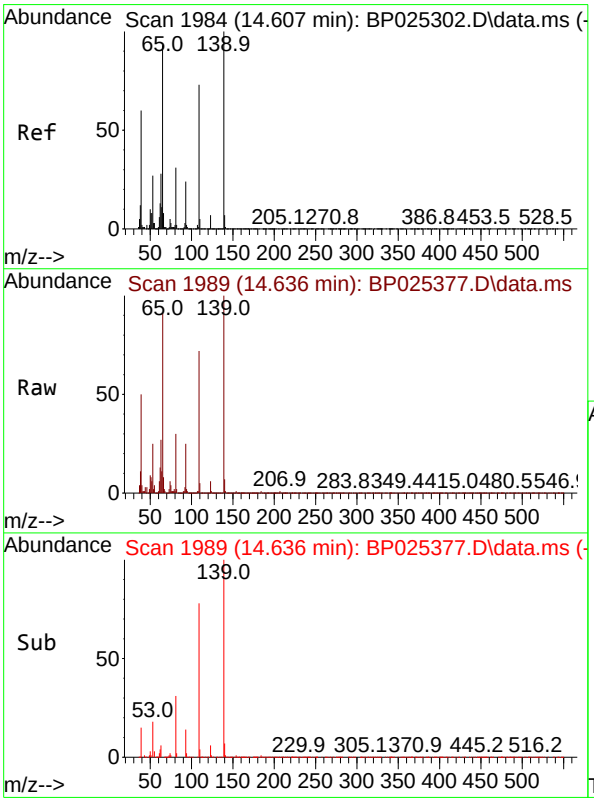
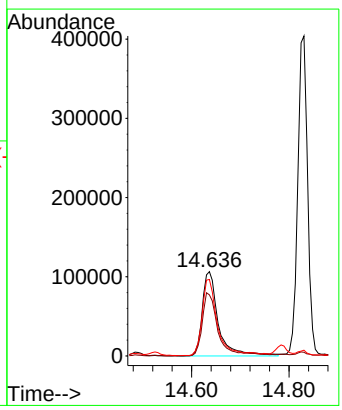
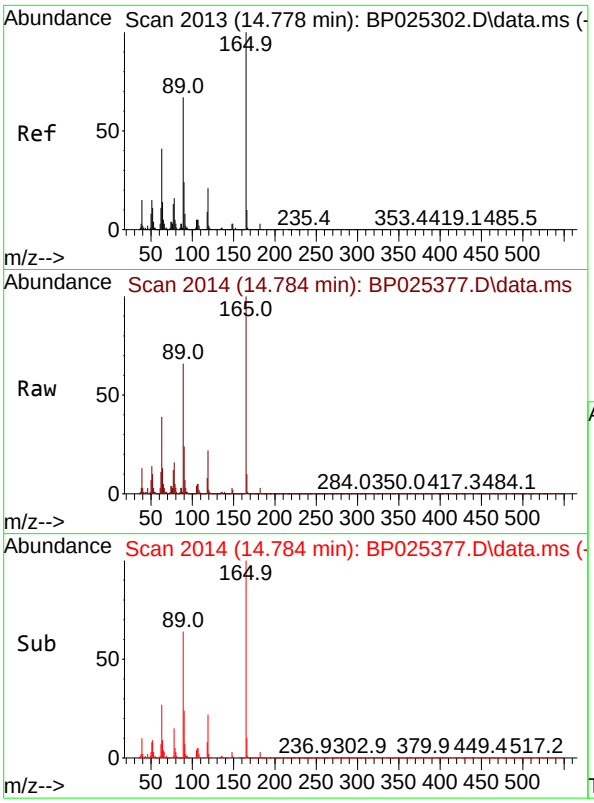


#56
4-Nitrophenol
Concen: 42.183 ng
RT: 14.636 min Scan# 1989
Delta R.T. 0.029 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:139 Resp: 244171

Ion	Ratio	Lower	Upper
139	100		
109	72.4	52.7	92.7
65	90.7	73.4	113.4

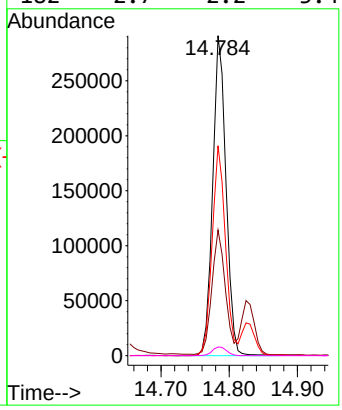




#57
2,4-Dinitrotoluene
Concen: 45.658 ng
RT: 14.784 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:165 Resp: 39523

Ion	Ratio	Lower	Upper
165	100		
63	39.3	33.2	49.8
89	65.6	53.5	80.3
182	2.7	2.2	3.4



Instrument :
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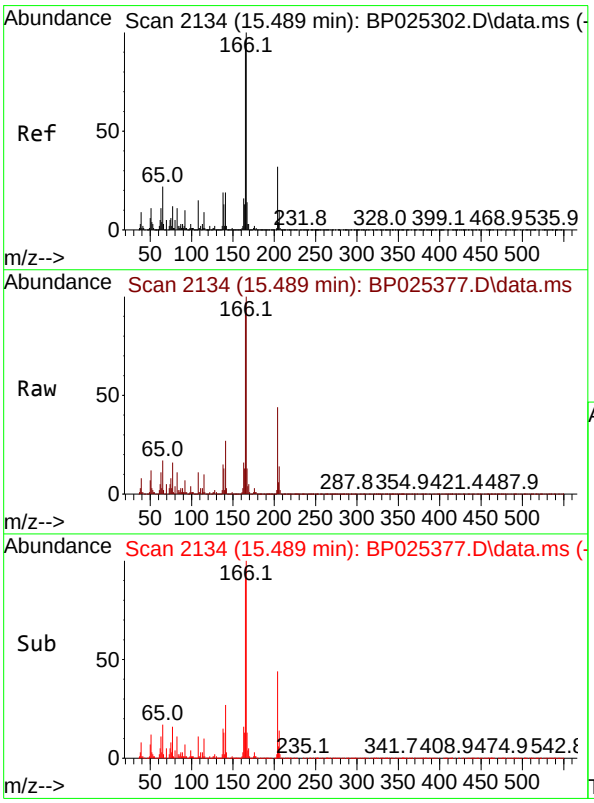
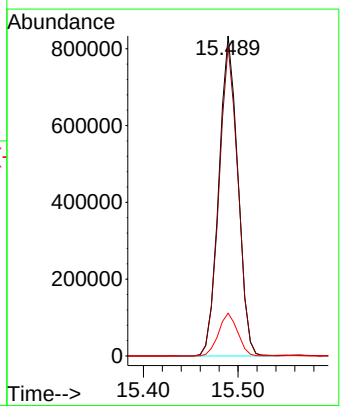
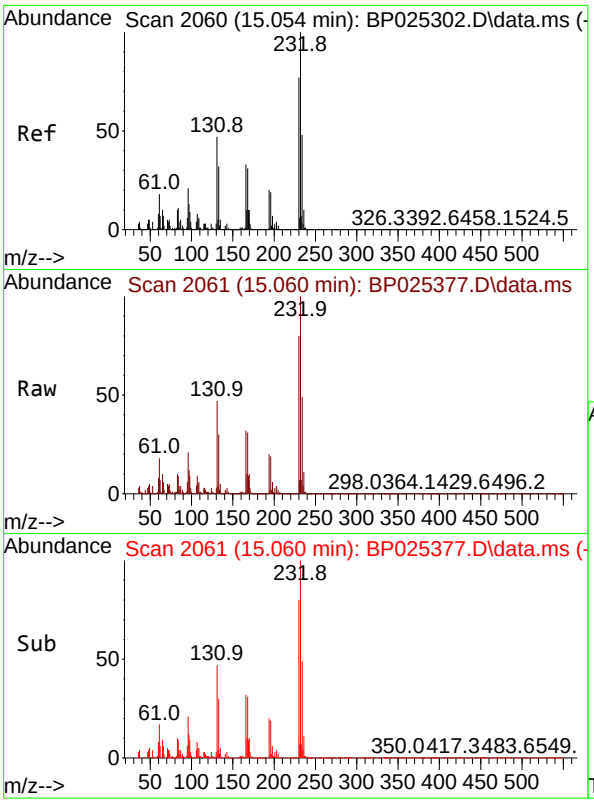


#58
Fluorene
Concen: 41.489 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:166 Resp: 1161174

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.7	115.1
167	13.4	10.9	16.3

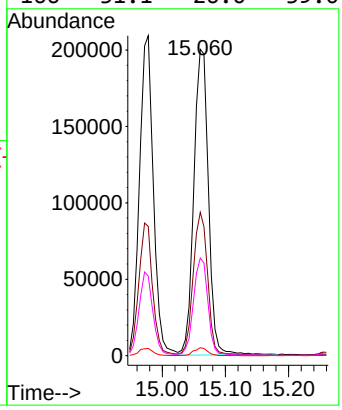




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.722 ng
RT: 15.060 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:232 Resp: 32186

Ion	Ratio	Lower	Upper
232	100		
131	46.0	39.3	58.9
130	2.4	2.2	3.2
166	31.1	26.0	39.0



Instrument :
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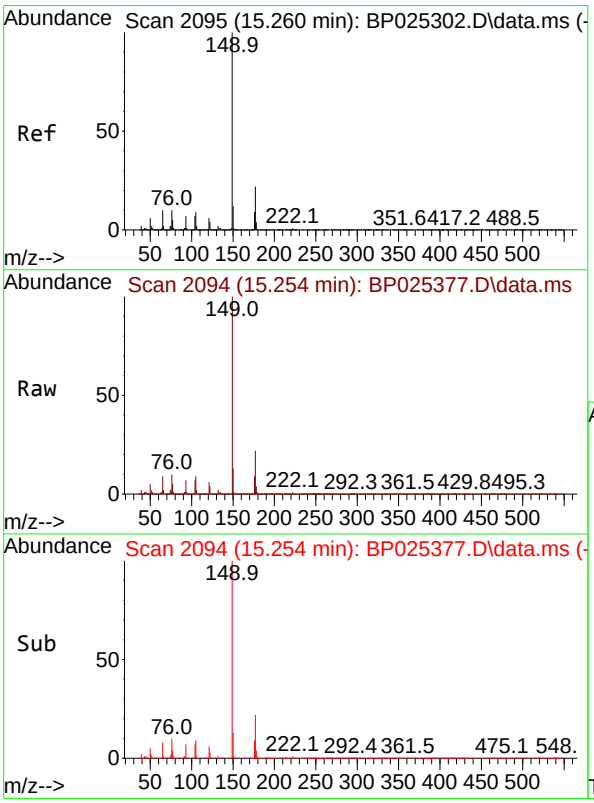
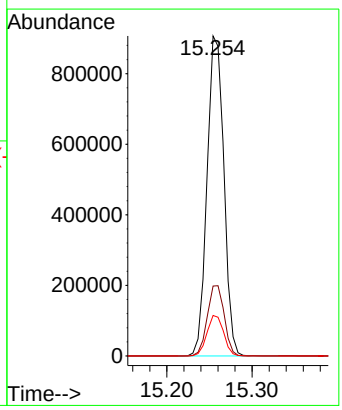
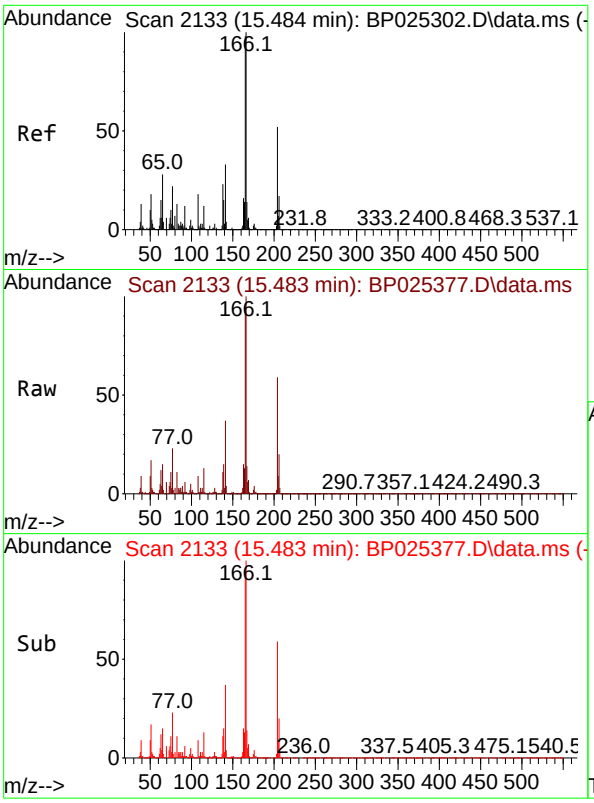


#60
Diethylphthalate
Concen: 40.555 ng
RT: 15.254 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:149 Resp: 1242433

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.7	9.8	14.8

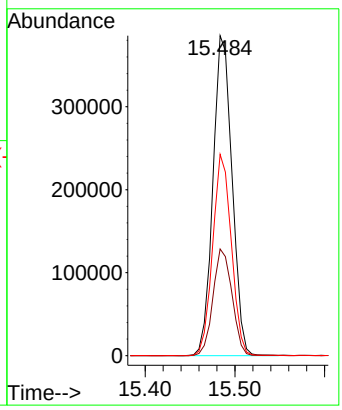




#61
4-Chlorophenyl-phenylether
Concen: 43.008 ng
RT: 15.483 min Scan# 21
Delta R.T. -0.001 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:204 Resp: 57064

Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.0	40.4
141	62.9	50.3	75.5



Instrument :
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ClientSampleId :
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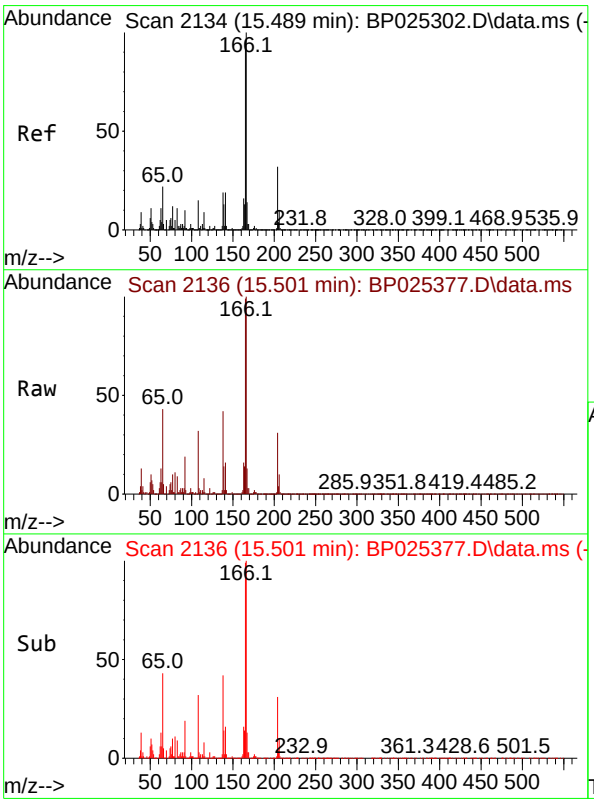
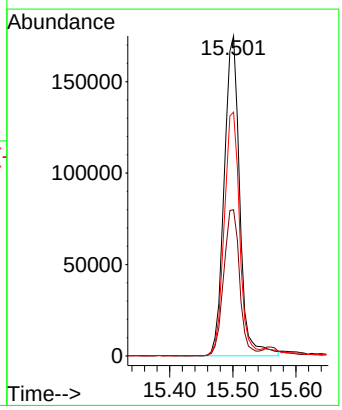
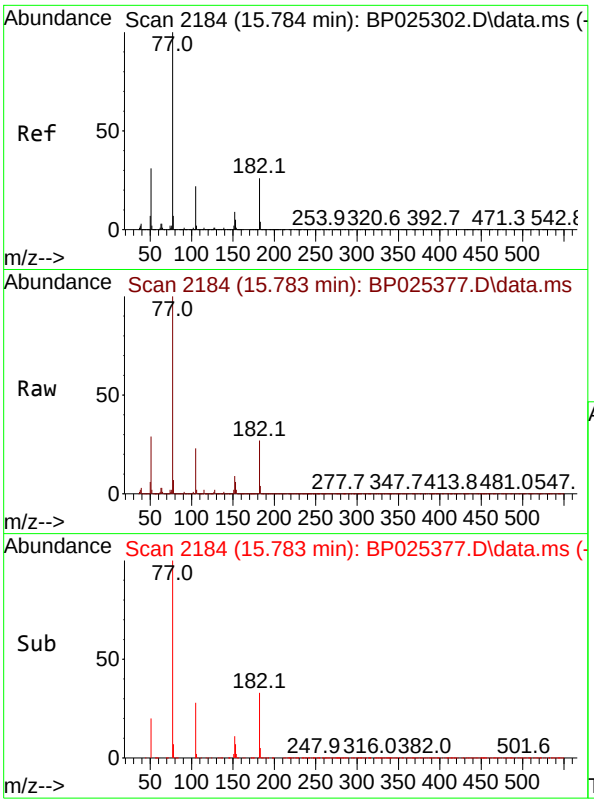


#62
4-Nitroaniline
Concen: 45.895 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:138 Resp: 298255

Ion	Ratio	Lower	Upper
138	100		
92	45.7	29.8	69.8
108	76.2	56.6	96.6

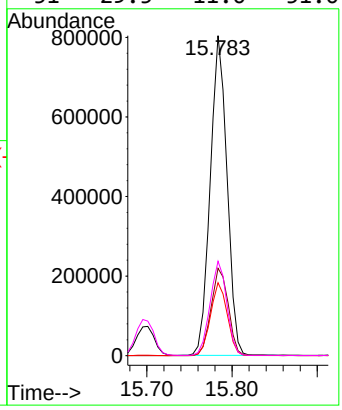




#63
Azobenzene
Concen: 38.553 ng
RT: 15.783 min Scan# 2
Delta R.T. -0.001 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion: 77 Resp: 109722

Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.0	46.0
105	22.8	2.1	42.1
51	29.5	11.0	51.0



Instrument :
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ClientSampleId :
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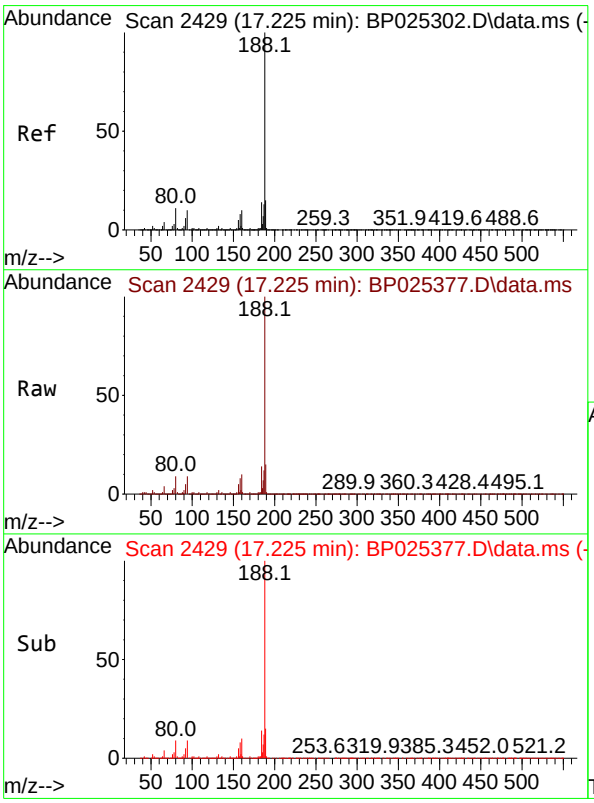
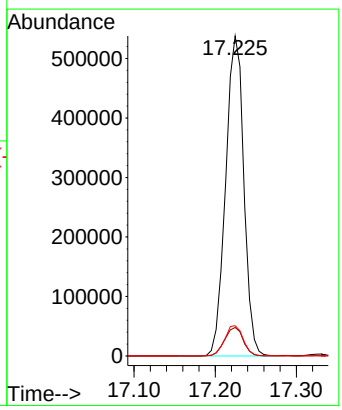
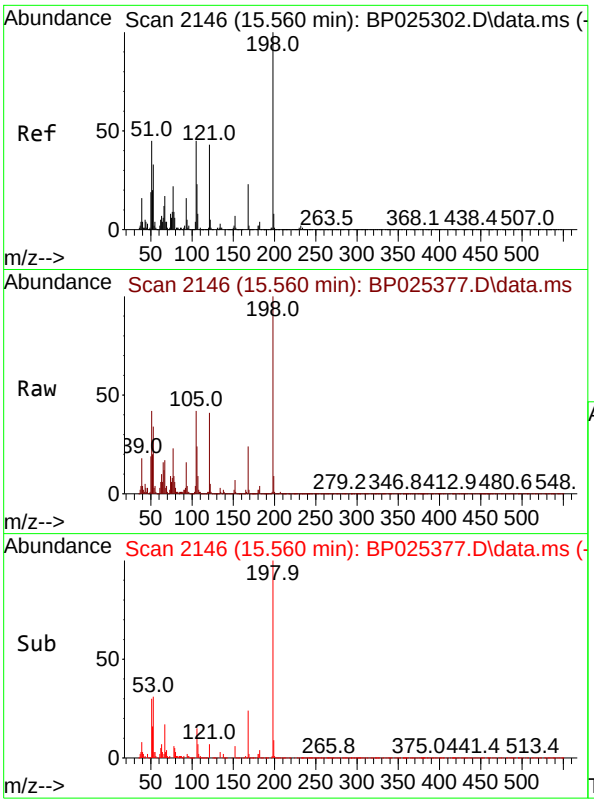


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:188 Resp: 836446

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.4	8.5	12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 54.377 ng
RT: 15.560 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:198 Resp: 21161

Ion	Ratio	Lower	Upper
198	100		
51	42.4	26.7	66.7
105	42.1	25.6	65.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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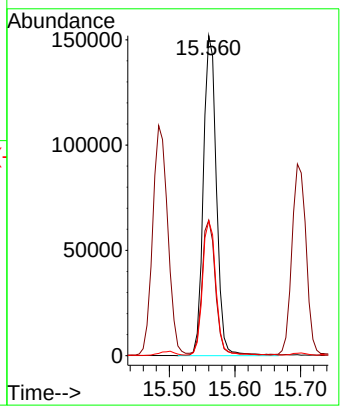
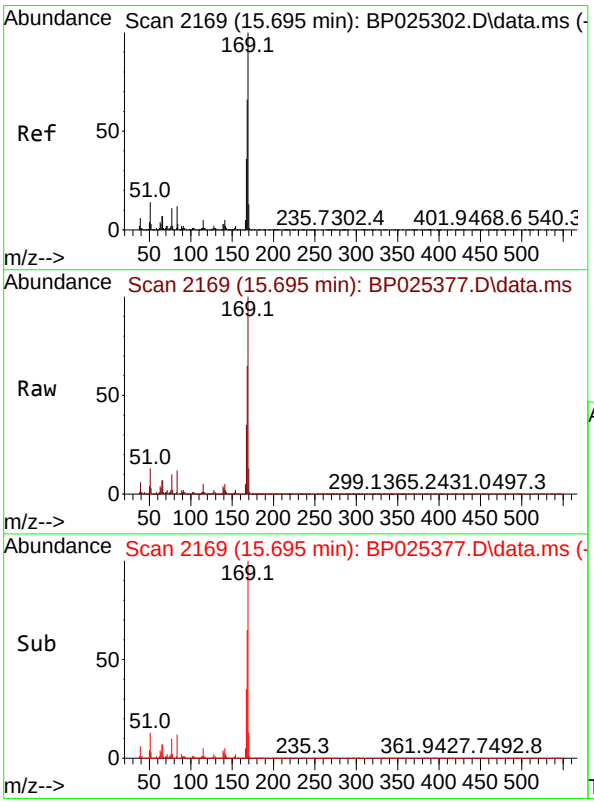
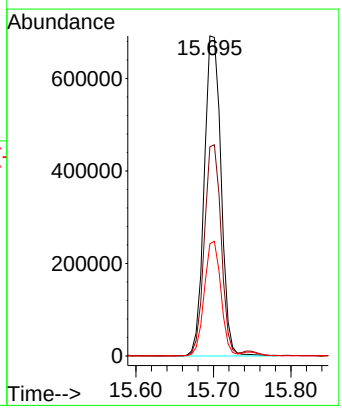


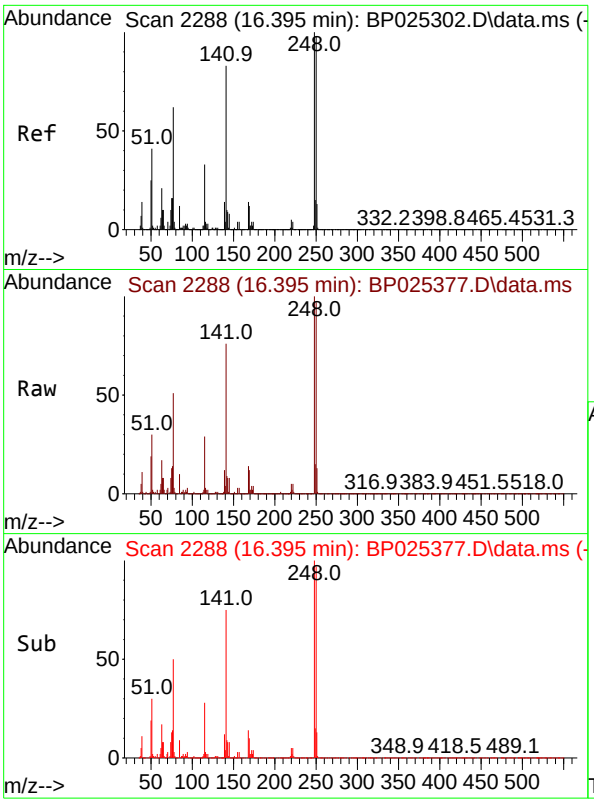


#66
n-Nitrosodiphenylamine
Concen: 40.950 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:169 Resp: 1042925

Ion	Ratio	Lower	Upper
169	100		
168	65.3	52.8	79.2
167	35.1	28.5	42.7

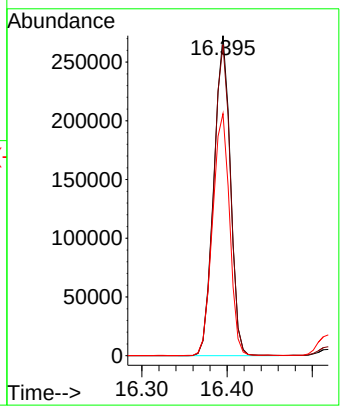




#67
4-Bromophenyl-phenylether
Concen: 43.673 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:248 Resp: 36755

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.6	117.8
141	75.7	66.6	99.8



Instrument :
BNA_P
ClientSampleId :
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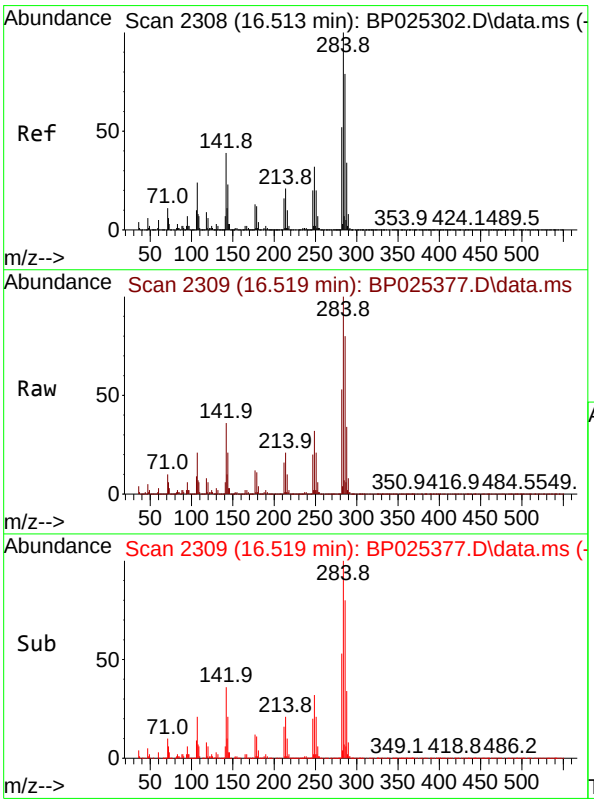
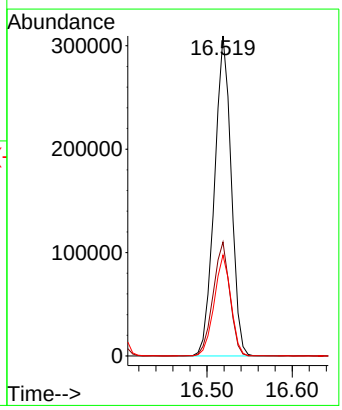
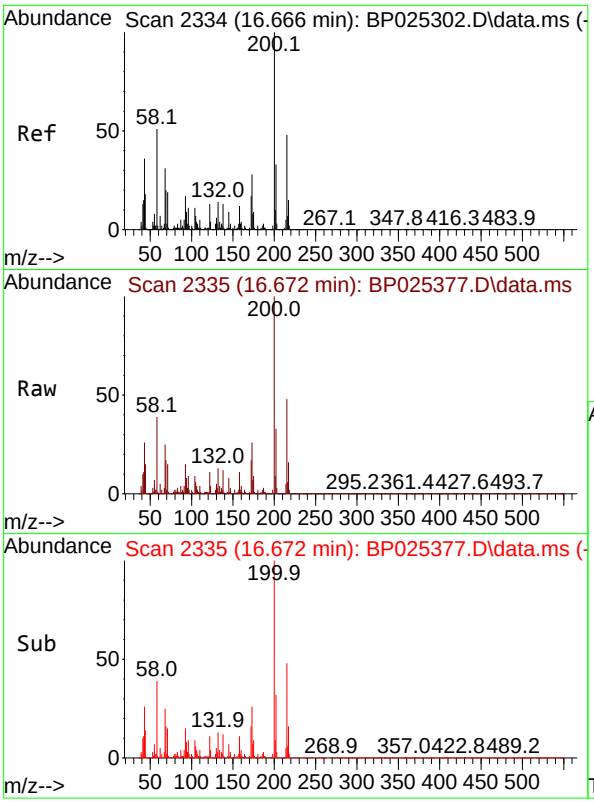


#68
Hexachlorobenzene
Concen: 44.825 ng
RT: 16.519 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:284 Resp: 423300

Ion	Ratio	Lower	Upper
284	100		
142	35.6	30.8	46.2
249	31.6	25.4	38.0

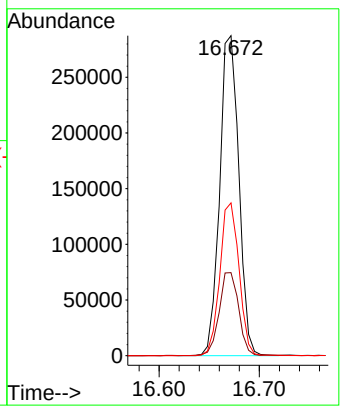




#69
Atrazine
Concen: 42.405 ng
RT: 16.672 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:200 Resp: 37980

Ion	Ratio	Lower	Upper
200	100		
173	26.0	8.2	48.2
215	47.8	28.1	68.1



Instrument :
BNA_P
ClientSampleId :
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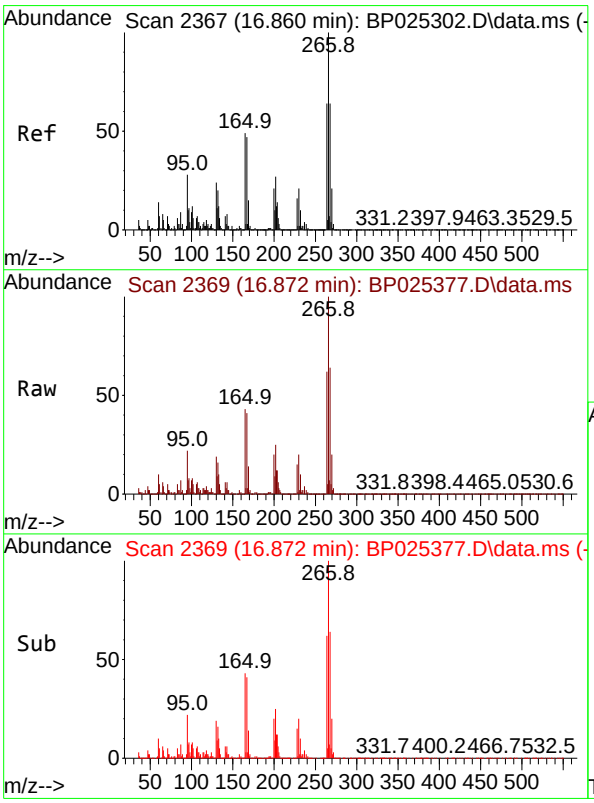
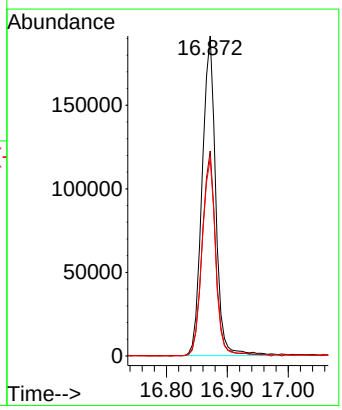
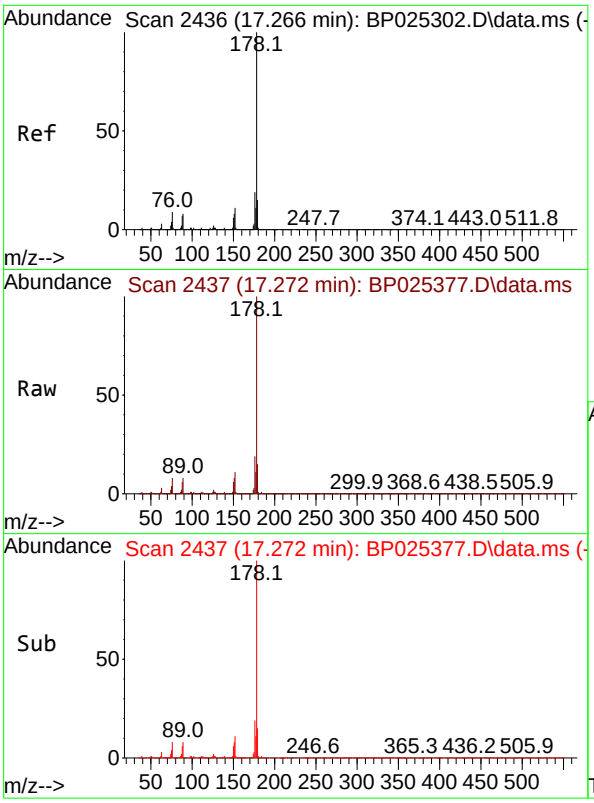


#70
Pentachlorophenol
Concen: 49.549 ng
RT: 16.872 min Scan# 2369
Delta R.T. 0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:266 Resp: 298109

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.4	77.0
264	61.6	51.1	76.7

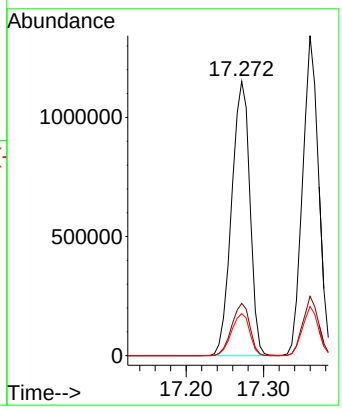




#71
Phenanthrene
Concen: 41.178 ng
RT: 17.272 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:178 Resp: 188651

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.1	18.1



Instrument :
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ClientSampleId :
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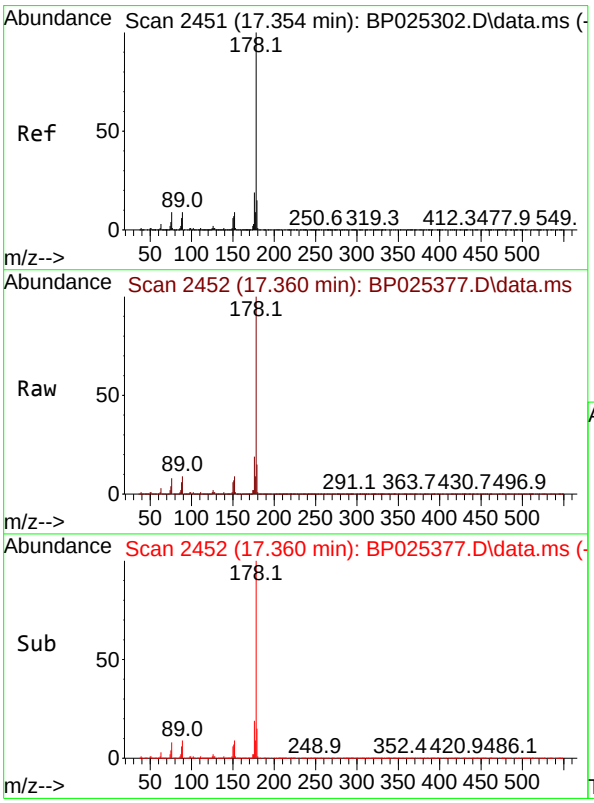
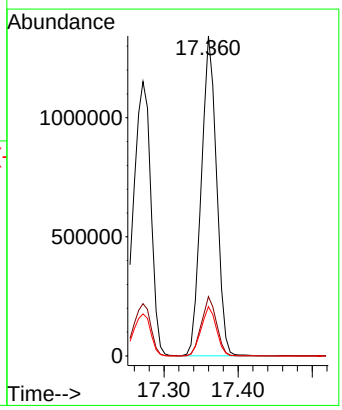
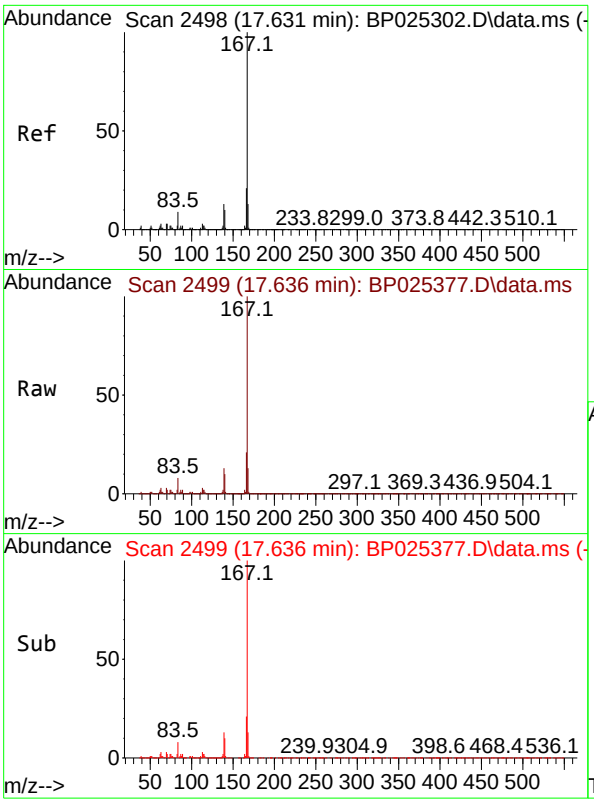


#72
Anthracene
Concen: 41.693 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:178 Resp: 1925956

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.4	12.3	18.5





#73
Carbazole
Concen: 40.403 ng
RT: 17.636 min Scan# 24
Delta R.T. 0.005 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:167 Resp: 179153

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.2	10.6	16.0

Instrument :
BNA_P
ClientSampleId :
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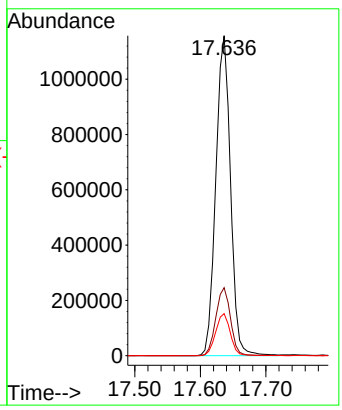
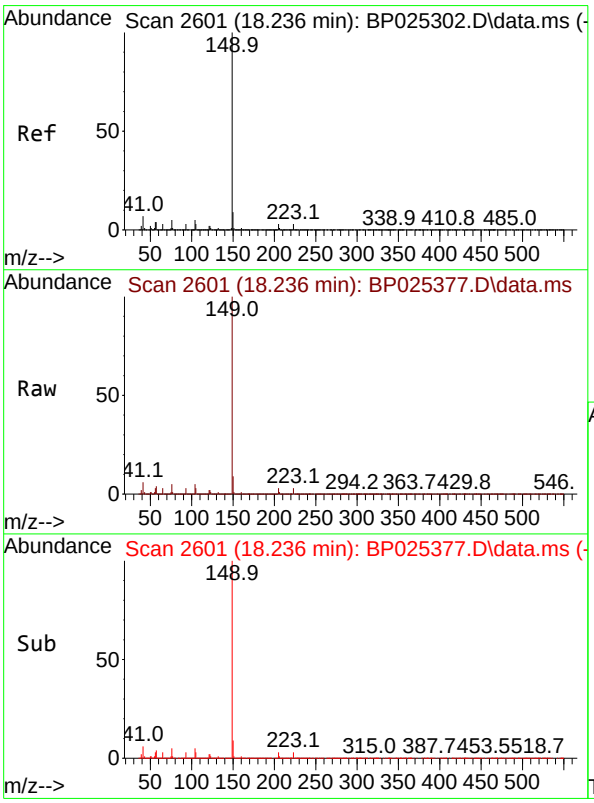
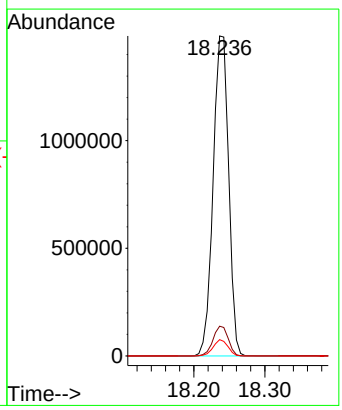


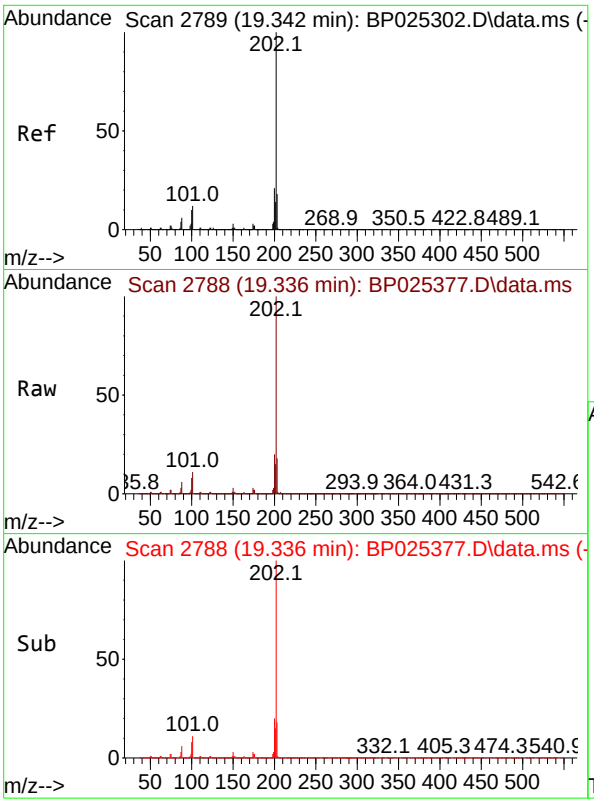


#74
Di-n-butylphthalate
Concen: 41.912 ng
RT: 18.236 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:149 Resp: 2248337

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.1	4.1	6.1





#75
Fluoranthene
Concen: 41.272 ng
RT: 19.336 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:202 Resp: 218883

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.5
203	17.5	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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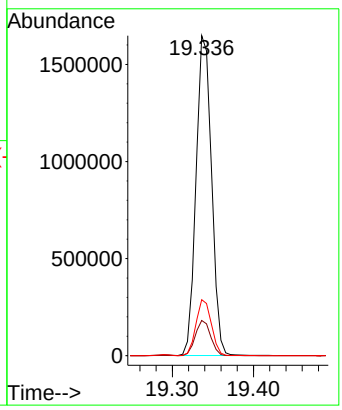
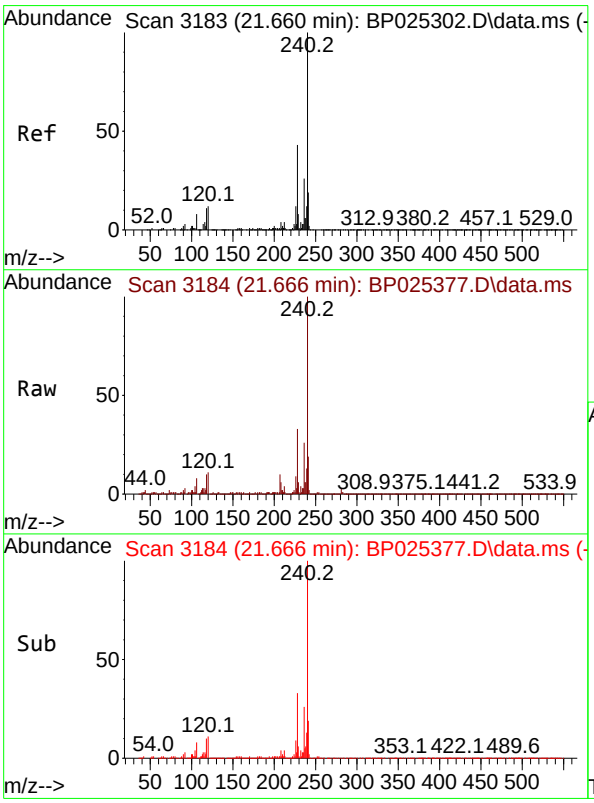
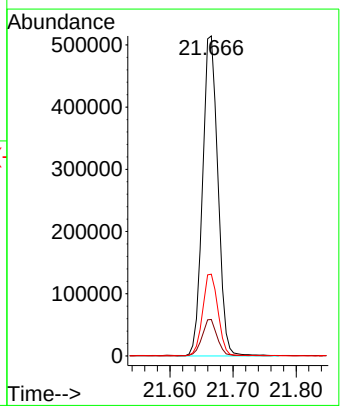


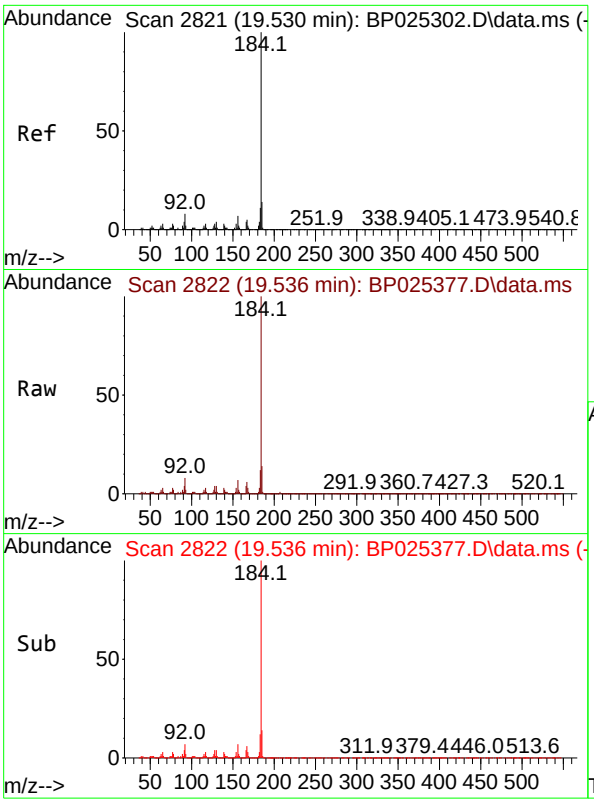


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:240 Resp: 867026

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	25.6	20.4	30.6

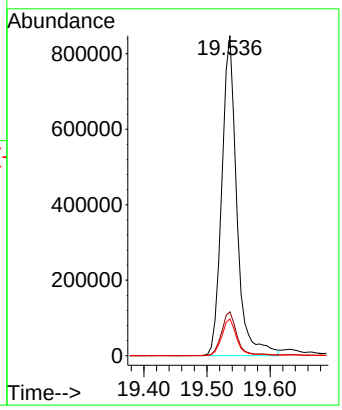




#77
Benzidine
Concen: 44.665 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:184 Resp: 140165

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.0	16.6
183	11.5	9.2	13.8



Instrument :
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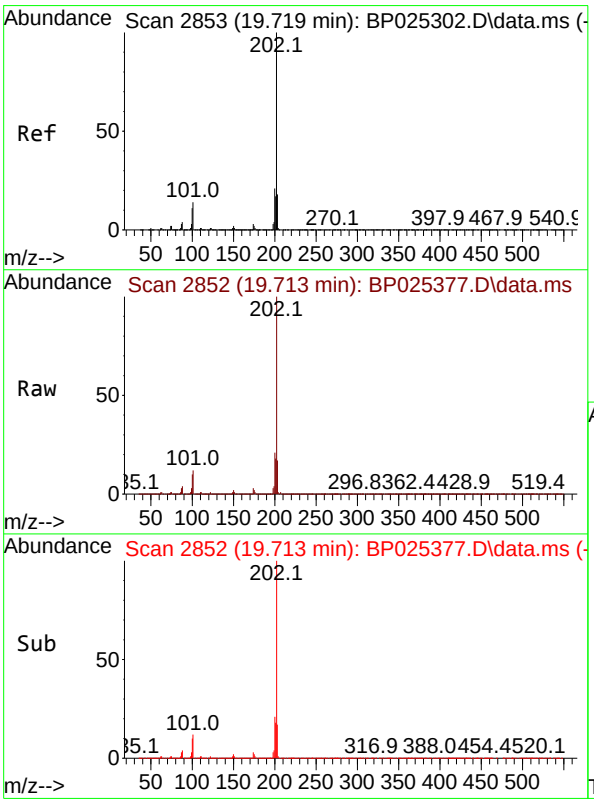
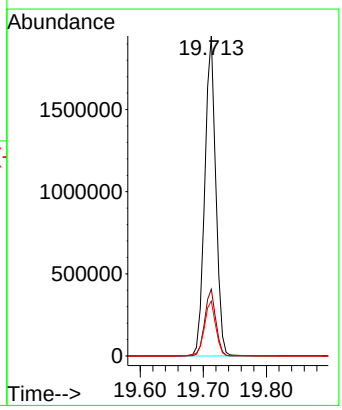
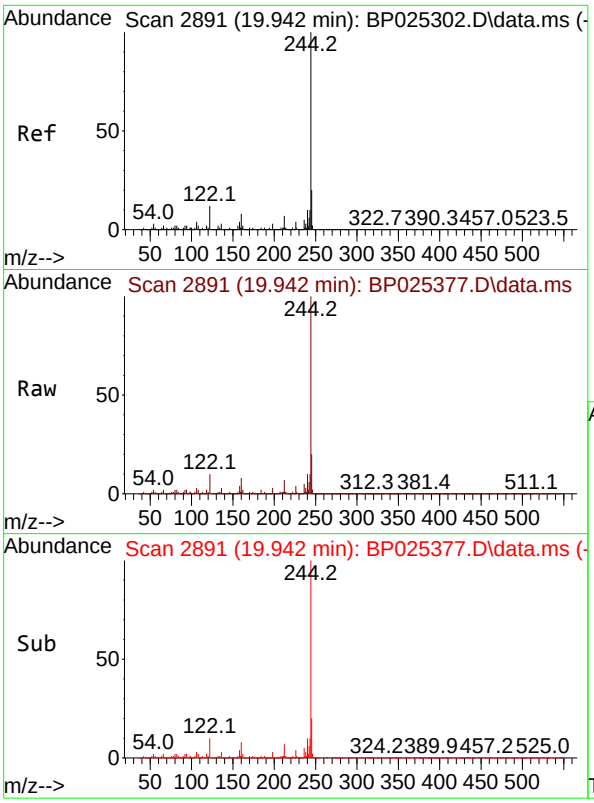


#78
Pyrene
Concen: 40.885 ng
RT: 19.713 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:202 Resp: 2357222

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.2	14.1	21.1

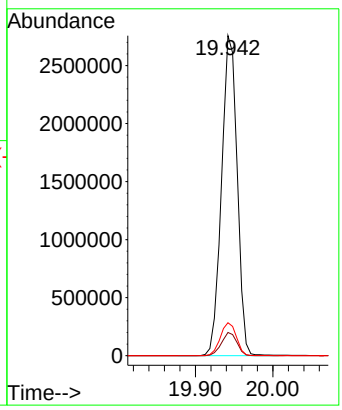




#79
Terphenyl-d14
Concen: 84.541 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:244 Resp: 388076

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.3	9.5	14.3



Instrument :
BNA_P
ClientSampleId :
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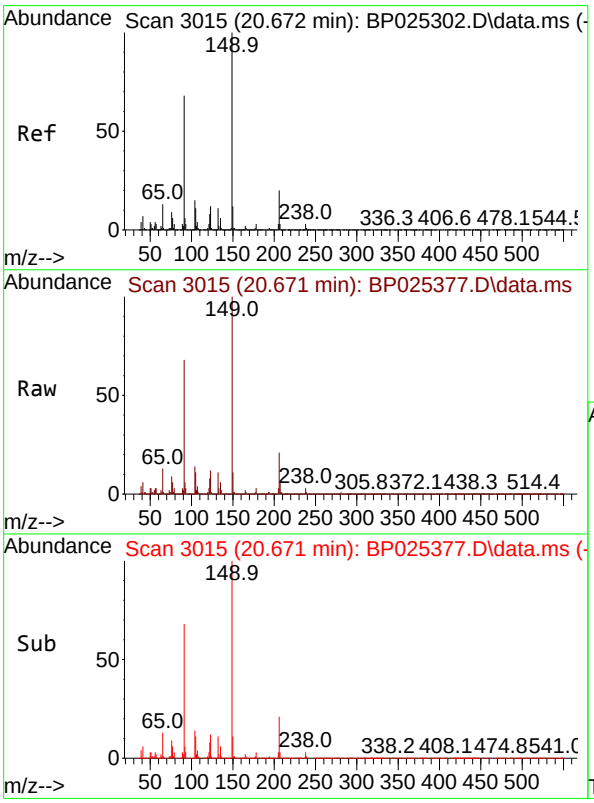
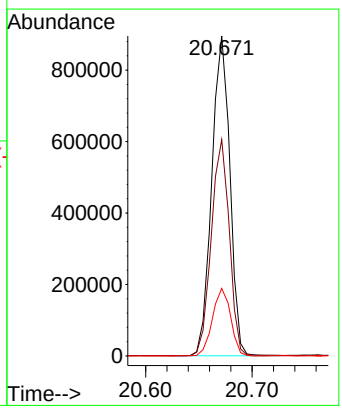
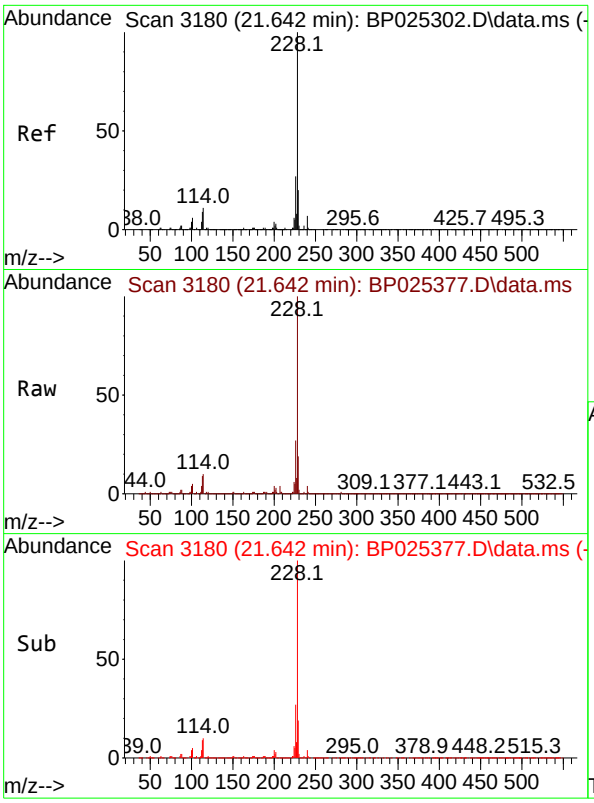


#80
Butylbenzylphthalate
Concen: 45.038 ng
RT: 20.671 min Scan# 3015
Delta R.T. -0.001 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:149 Resp: 1053125

Ion	Ratio	Lower	Upper
149	100		
91	67.6	54.7	82.1
206	21.1	16.4	24.6

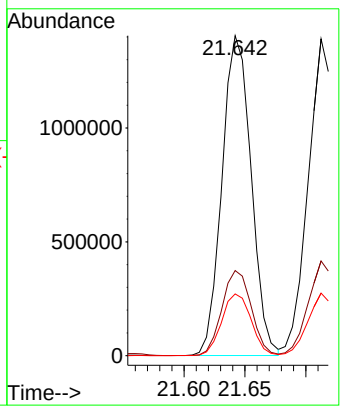




#81
Benzo(a)anthracene
Concen: 40.547 ng
RT: 21.642 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:228 Resp: 233618

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.3	16.0	24.0



Instrument :
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ClientSampleId :
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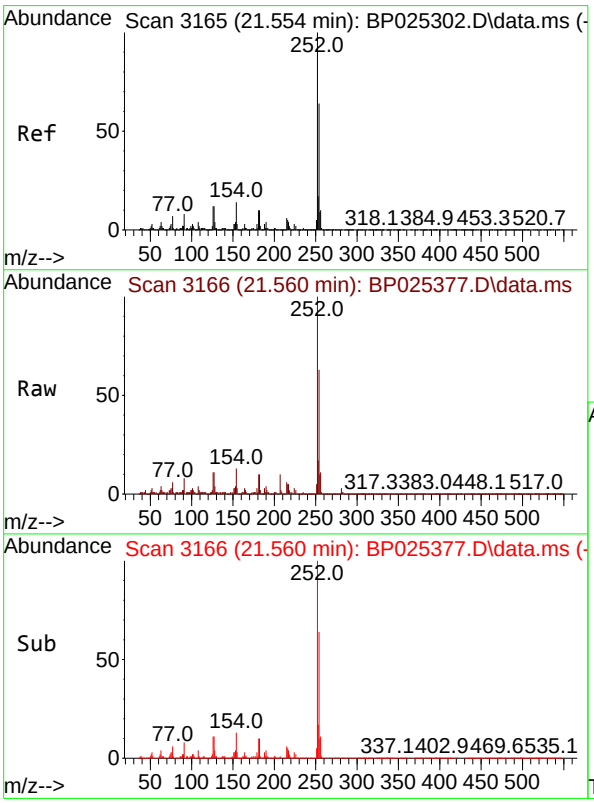
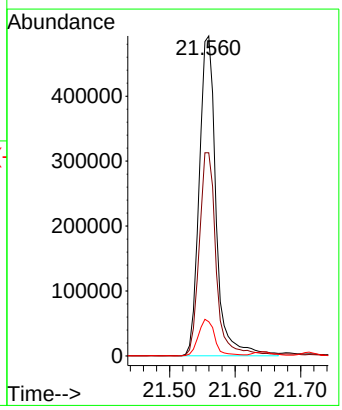
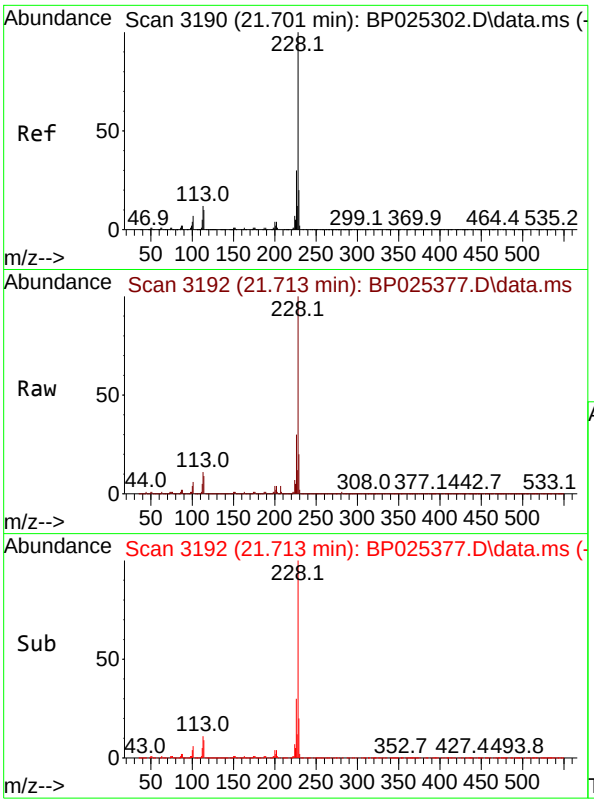


#82
3,3'-Dichlorobenzidine
Concen: 43.364 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:252 Resp: 881515

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.0	76.6
126	10.7	9.4	14.2

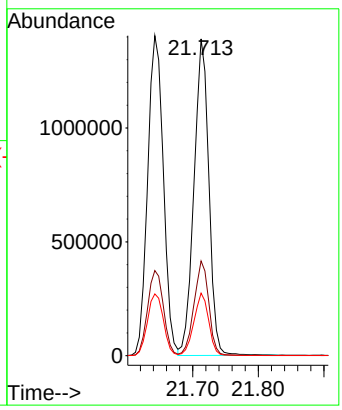




#83
Chrysene
Concen: 41.095 ng
RT: 21.713 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:228 Resp: 219608

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
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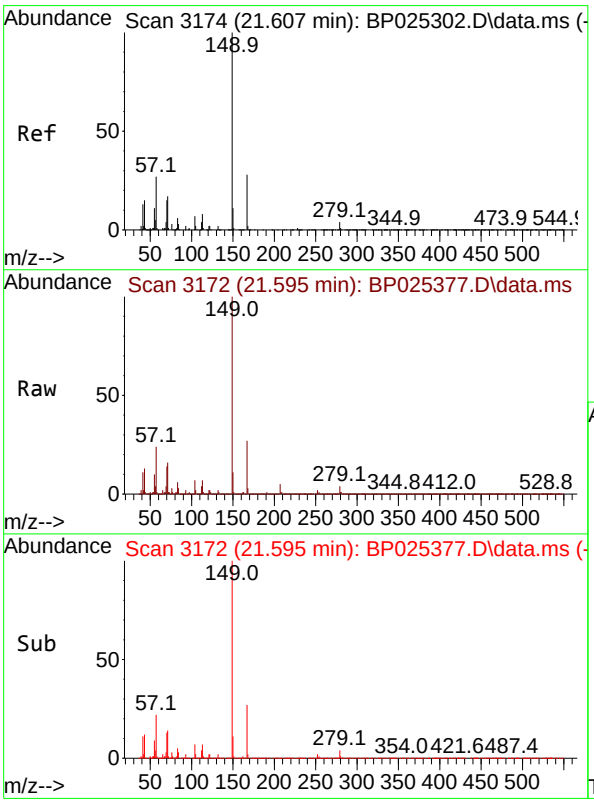
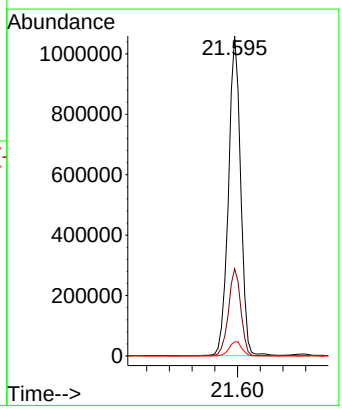
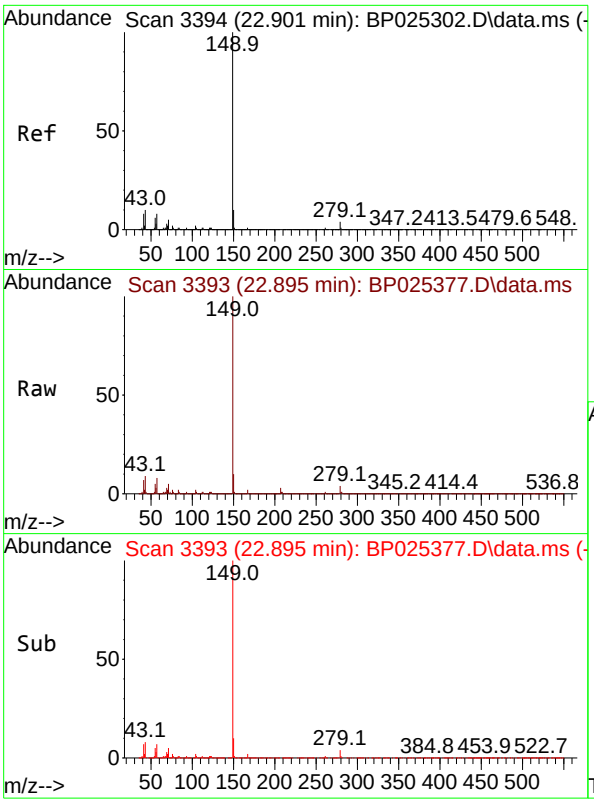


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.221 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:149 Resp: 1576424

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	4.4	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 44.443 ng
RT: 22.895 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:149 Resp: 277752

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	7.9	11.9

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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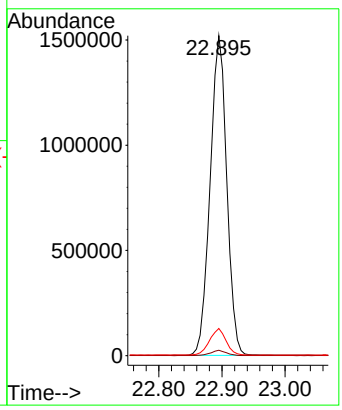
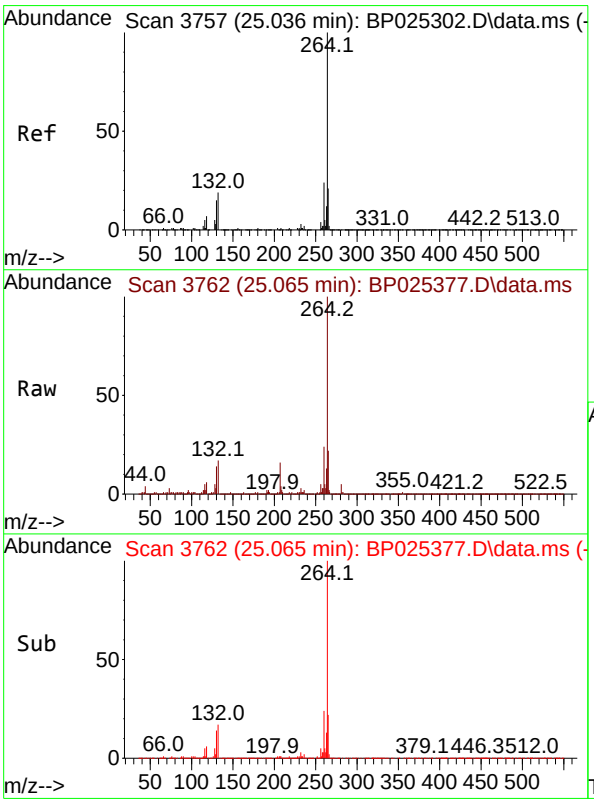
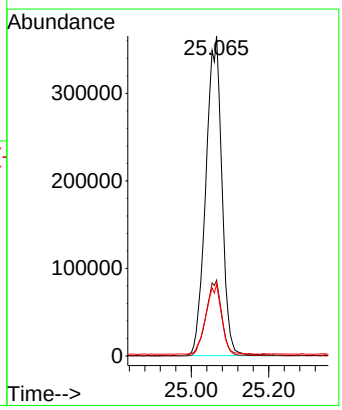


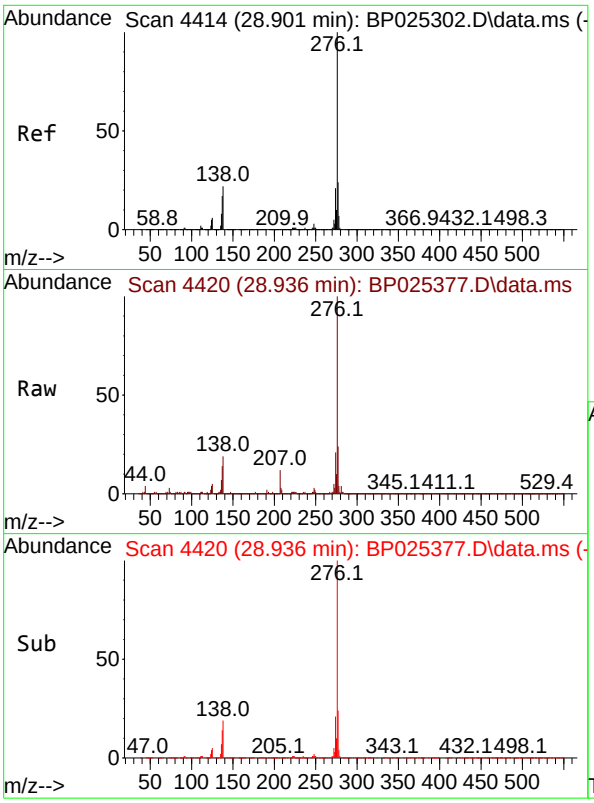


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.065 min Scan# 3762
Delta R.T. 0.029 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:264 Resp: 1047429

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.3	17.1	25.7

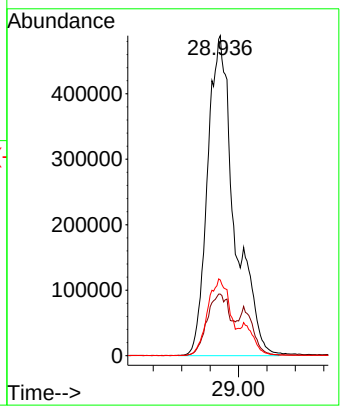




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.813 ng m
RT: 28.936 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:276 Resp: 321417

Ion	Ratio	Lower	Upper
276	100		
138	16.5	14.6	22.0
277	19.9	16.8	25.2



Instrument :
BNA_P
ClientSampleId :
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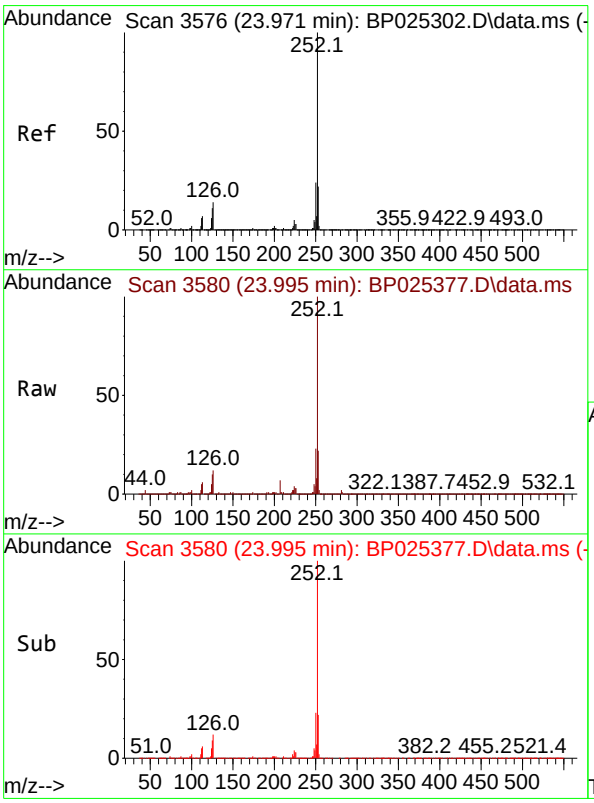
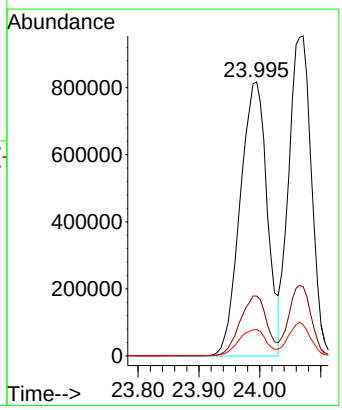
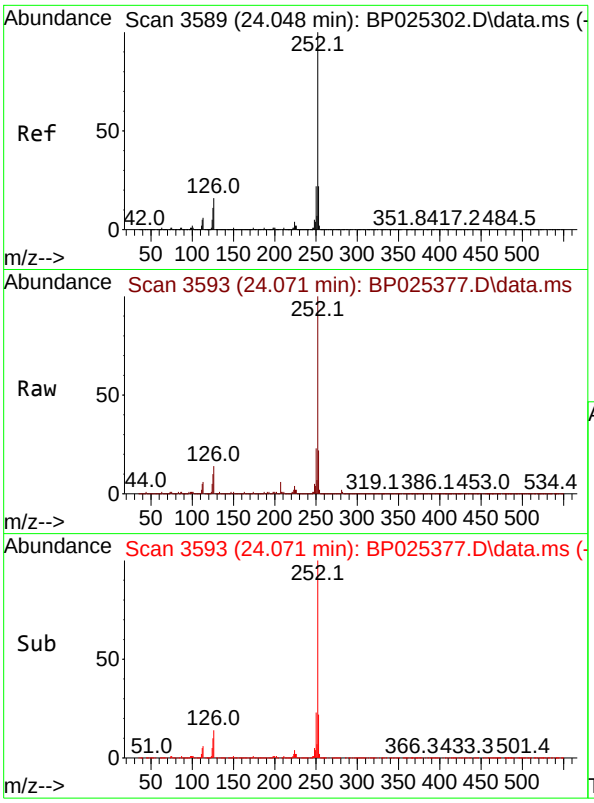


#88
Benzo(b)fluoranthene
Concen: 40.203 ng
RT: 23.995 min Scan# 3580
Delta R.T. 0.024 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:252 Resp: 2520756

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.6	8.5	12.7





#89
Benzo(k)fluoranthene
Concen: 39.607 ng
RT: 24.071 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 246187

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.7	8.5	12.7

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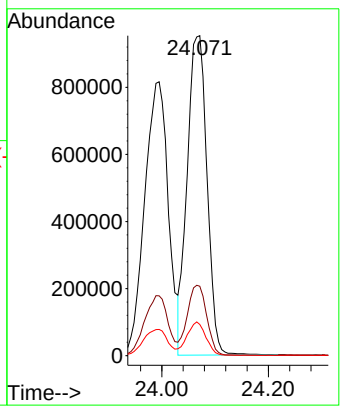
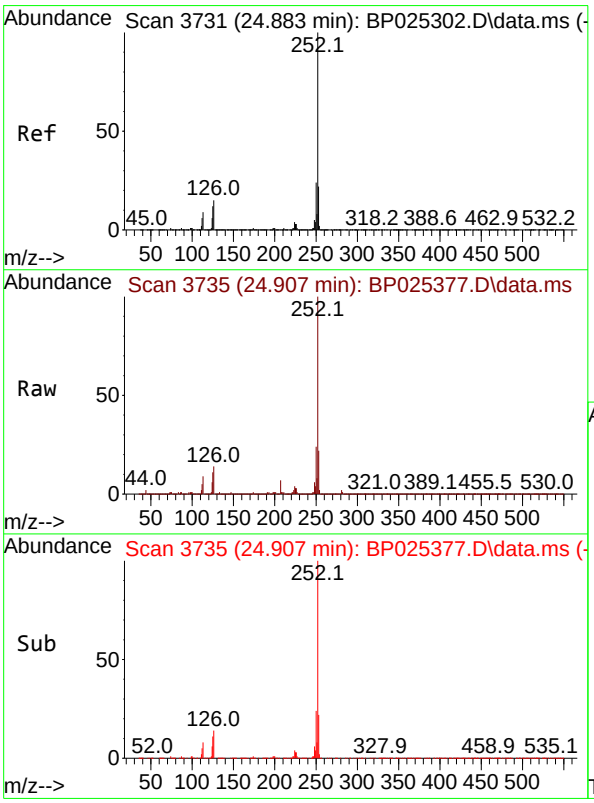
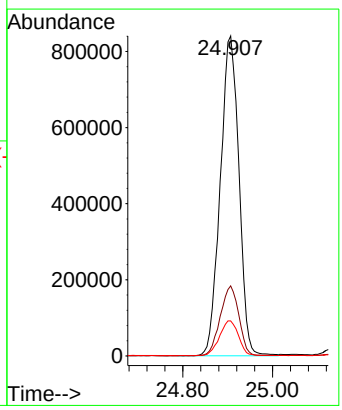


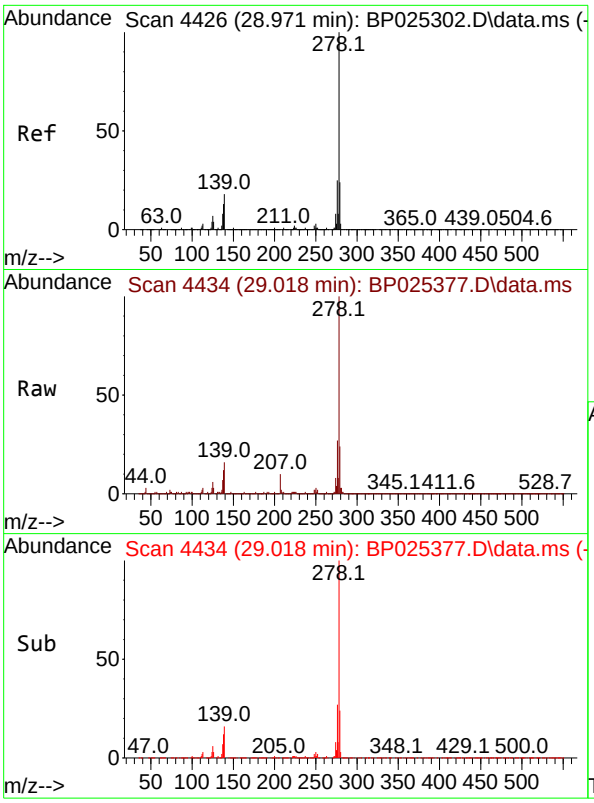


#90
Benzo(a)pyrene
Concen: 40.265 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.024 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:252 Resp: 2431295

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.9	9.4	14.0

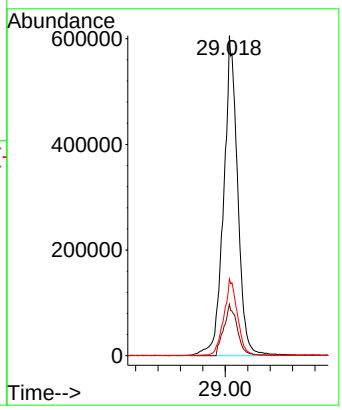




#91
Dibenzo(a,h)anthracene
Concen: 42.708 ng
RT: 29.018 min Scan# 44
Delta R.T. 0.047 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:278 Resp: 262593

Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.6	22.0
279	24.0	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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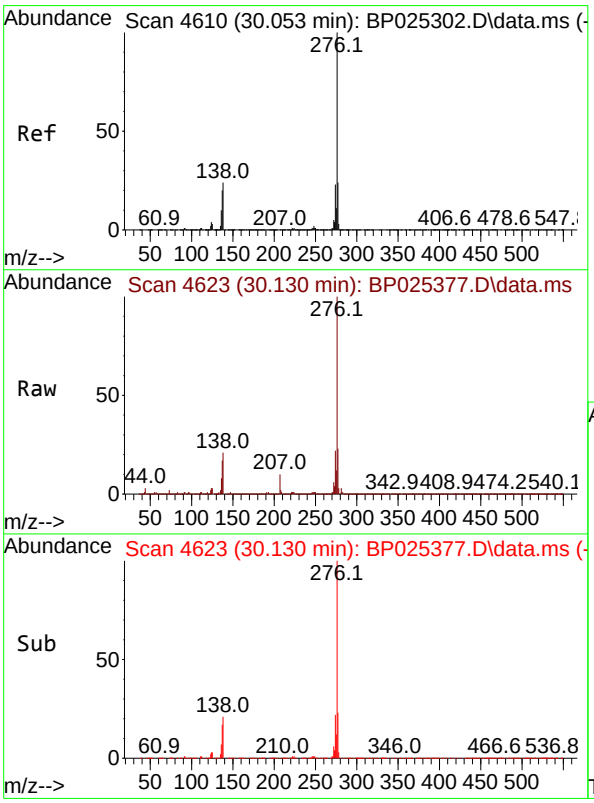
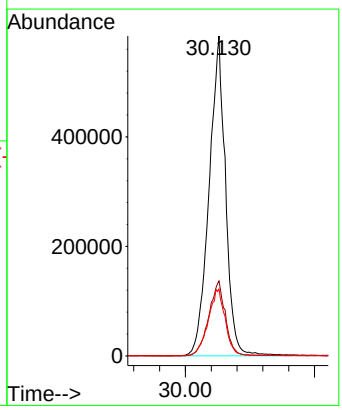


#92
Benzo(g,h,i)perylene
Concen: 42.630 ng
RT: 30.130 min Scan# 4623
Delta R.T. 0.077 min
Lab File: BP025377.D
Acq: 13 Aug 2025 09:51

Tgt Ion:276 Resp: 2572509

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.3	28.9
138	21.0	19.1	28.7



Sample Results: **BP025377.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025377.D
Acq On : 13 Aug 2025 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 10:46:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
2		1,4-Dioxane	0.491	0.473	3.7	79	0.00
3		Pyridine	1.363	1.265	7.2	76	0.00
4		n-Nitrosodimethylamine	0.633	0.554	12.5	73	0.00
5	S	2-Fluorophenol	1.244	1.214	2.4	79	0.00
6		Aniline	2.247	2.122	5.6	77	0.00
7	S	Phenol-d6	1.637	1.529	6.6	76	0.00
8		2-Chlorophenol	1.361	1.481	-8.8	89	0.00
9		Benzaldehyde	1.162	1.250	-7.6	72	0.00
10	C	Phenol	1.751	1.711	2.3	80	0.01
11		bis(2-Chloroethyl)ether	1.372	1.298	5.4	78	0.00
12		1,3-Dichlorobenzene	1.529	1.544	-1.0	85	0.00
13	C	1,4-Dichlorobenzene	1.547	1.582	-2.3	85	0.00
14		1,2-Dichlorobenzene	1.499	1.510	-0.7	84	0.00
15		Benzyl Alcohol	1.269	1.218	4.0	79	0.00
16		2,2'-oxybis(1-Chloropropane	2.167	1.731	20.1	66	0.00
17		2-Methylphenol	1.172	1.142	2.6	78	0.00
18		Hexachloroethane	0.553	0.570	-3.1	85	0.00
19	P	n-Nitroso-di-n-propylamine	1.075	1.030	4.2	77	0.00
20		3+4-Methylphenols	1.613	1.533	5.0	78	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	76	0.00
22		Acetophenone	0.502	0.503	-0.2	78	0.00
23	S	Nitrobenzene-d5	0.361	0.407	-12.7	83	0.00
24		Nitrobenzene	0.342	0.358	-4.7	80	0.00
25		Isophorone	0.719	0.697	3.1	75	0.00
26	C	2-Nitrophenol	0.126	0.187	-48.4#	112	0.00
27		2,4-Dimethylphenol	0.331	0.319	3.6	75	0.00
28		bis(2-Chloroethoxy)methane	0.437	0.425	2.7	75	0.00
29	C	2,4-Dichlorophenol	0.290	0.306	-5.5	79	0.01
30		1,2,4-Trichlorobenzene	0.320	0.348	-8.7	85	0.00
31		Naphthalene	1.038	1.062	-2.3	80	0.00
32		Benzoic acid	0.168	0.196	-16.7	89	0.02
33		4-Chloroaniline	0.462	0.446	3.5	74	0.00
34	C	Hexachlorobutadiene	0.184	0.215	-16.8	92	0.00
35		Caprolactam	0.113	0.109	3.5	72	0.04
36	C	4-Chloro-3-methylphenol	0.336	0.364	-8.3	82	0.02
37		2-Methylnaphthalene	0.672	0.678	-0.9	79	0.01
38		1-Methylnaphthalene	0.701	0.699	0.3	78	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	75	0.00
40		1,2,4,5-Tetrachlorobenzene	0.546	0.607	-11.2	83	0.01
41	P	Hexachlorocyclopentadiene	0.337	0.381	-13.1	86	0.00
42	S	2,4,6-Tribromophenol	0.200	0.266	-33.0#	94	0.01
43	C	2,4,6-Trichlorophenol	0.353	0.403	-14.2	83	0.00
44		2,4,5-Trichlorophenol	0.396	0.445	-12.4	81	0.01
45	S	2-Fluorobiphenyl	1.448	1.545	-6.7	80	0.00
46		1,1'-Biphenyl	1.474	1.514	-2.7	79	0.00
47		2-Chloronaphthalene	1.124	1.198	-6.6	81	0.00

Sample Results: **BP025377.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025377.D
Acq On : 13 Aug 2025 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 10:46:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.288	0.346	-20.1	85	0.00
49		Acenaphthylene	1.876	1.942	-3.5	78	0.00
50		Dimethylphthalate	1.458	1.489	-2.1	78	0.00
51		2,6-Dinitrotoluene	0.269	0.325	-20.8	85	0.01
52	C	Acenaphthene	1.144	1.121	2.0	76	0.00
53		3-Nitroaniline	0.315	0.358	-13.7	81	0.01
54	P	2,4-Dinitrophenol	0.105	0.160	-52.4#	126	0.01
55		Dibenzofuran	1.710	1.758	-2.8	79	0.00
56	P	4-Nitrophenol	0.278	0.293	-5.4	78	0.03
57		2,4-Dinitrotoluene	0.359	0.474	-32.0#	92	0.00
58		Fluorene	1.343	1.393	-3.7	80	0.00
59		2,3,4,6-Tetrachlorophenol	0.331	0.386	-16.6	84	0.00
60		Diethylphthalate	1.470	1.490	-1.4	78	0.00
61		4-Chlorophenyl-phenylether	0.637	0.684	-7.4	82	0.00
62		4-Nitroaniline	0.312	0.358	-14.7	80	0.01
63		Azobenzene	1.366	1.316	3.7	73	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	76	0.00
65		4,6-Dinitro-2-methylphenol	0.080	0.126	-57.5#	128	0.00
66	c	n-Nitrosodiphenylamine	0.609	0.623	-2.3	79	0.00
67		4-Bromophenyl-phenylether	0.201	0.220	-9.5	84	0.00
68		Hexachlorobenzene	0.226	0.253	-11.9	88	0.00
69		Atrazine	0.214	0.227	-6.1	82	0.00
70	C	Pentachlorophenol	0.144	0.178	-23.6#	95	0.01
71		Phenanthrene	1.095	1.128	-3.0	80	0.00
72		Anthracene	1.105	1.151	-4.2	80	0.00
73		Carbazole	1.060	1.071	-1.0	78	0.00
74		Di-n-butylphthalate	1.283	1.344	-4.8	80	0.00
75	C	Fluoranthene	1.268	1.308	-3.2	80	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	79	0.00
77		Benzidine	0.724	0.808	-11.6	66	0.00
78		Pyrene	1.330	1.359	-2.2	83	0.00
79	S	Terphenyl-d14	1.059	1.119	-5.7	84	0.00
80		Butylbenzylphthalate	0.539	0.607	-12.6	85	0.00
81		Benzo(a)anthracene	1.329	1.347	-1.4	82	0.00
82		3,3'-Dichlorobenzidine	0.469	0.508	-8.3	85	0.00
83		Chrysene	1.233	1.266	-2.7	82	0.01
84		Bis(2-ethylhexyl)phthalate	0.861	0.909	-5.6	80	-0.01
85	c	Di-n-octyl phthalate	1.442	1.602	-11.1	84	0.00
86	I	Perylene-d12	1.000	1.000	0.0	83	0.03
87		Indeno(1,2,3-cd)pyrene	1.434	1.534	-7.0	88	0.03
88		Benzo(b)fluoranthene	1.197	1.203	-0.5	85	0.02
89		Benzo(k)fluoranthene	1.187	1.175	1.0	83	0.02
90	C	Benzo(a)pyrene	1.153	1.161	-0.7	83	0.02
91		Dibenzo(a,h)anthracene	1.174	1.254	-6.8	88	0.05
92		Benzo(g,h,i)perylene	1.152	1.228	-6.6	88	0.08

Sample Results: **BP025377.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025377.D
Acq On : 13 Aug 2025 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 10:46:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 2

Sample Results: **BP025377.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025377.D
Acq On : 13 Aug 2025 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 10:46:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	81	0.00
2		1,4-Dioxane	40.000	38.532	3.7	79	0.00
3		Pyridine	40.000	37.120	7.2	76	0.00
4		n-Nitrosodimethylamine	40.000	34.980	12.6	73	0.00
5	S	2-Fluorophenol	80.000	78.132	2.3	79	0.00
6		Aniline	40.000	37.788	5.5	77	0.00
7	S	Phenol-d6	80.000	74.762	6.5	76	0.00
8		2-Chlorophenol	40.000	43.530	-8.8	89	0.00
9		Benzaldehyde	40.000	43.002	-7.5	72	0.00
10	C	Phenol	40.000	39.092	2.3	80	0.01
11		bis(2-Chloroethyl)ether	40.000	37.851	5.4	78	0.00
12		1,3-Dichlorobenzene	40.000	40.376	-0.9	85	0.00
13	C	1,4-Dichlorobenzene	40.000	40.886	-2.2	85	0.00
14		1,2-Dichlorobenzene	40.000	40.292	-0.7	84	0.00
15		Benzyl Alcohol	40.000	38.407	4.0	79	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	31.950	20.1	66	0.00
17		2-Methylphenol	40.000	38.971	2.6	78	0.00
18		Hexachloroethane	40.000	41.220	-3.0	85	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.302	4.2	77	0.00
20		3+4-Methylphenols	40.000	38.009	5.0	78	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	76	0.00
22		Acetophenone	40.000	40.054	-0.1	78	0.00
23	S	Nitrobenzene-d5	80.000	90.170	-12.7	83	0.00
24		Nitrobenzene	40.000	41.925	-4.8	80	0.00
25		Isophorone	40.000	38.808	3.0	75	0.00
26	C	2-Nitrophenol	40.000	50.097	-25.2#	112	0.00
27		2,4-Dimethylphenol	40.000	38.455	3.9	75	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.899	2.8	75	0.00
29	C	2,4-Dichlorophenol	40.000	42.260	-5.6	79	0.01
30		1,2,4-Trichlorobenzene	40.000	43.530	-8.8	85	0.00
31		Naphthalene	40.000	40.934	-2.3	80	0.00
32		Benzoic acid	40.000	43.252	-8.1	89	0.02
33		4-Chloroaniline	40.000	38.661	3.3	74	0.00
34	C	Hexachlorobutadiene	40.000	46.907	-17.3	92	0.00
35		Caprolactam	40.000	38.677	3.3	72	0.04
36	C	4-Chloro-3-methylphenol	40.000	43.328	-8.3	82	0.02
37		2-Methylnaphthalene	40.000	40.333	-0.8	79	0.01
38		1-Methylnaphthalene	40.000	39.898	0.3	78	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	75	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	44.455	-11.1	83	0.01
41	P	Hexachlorocyclopentadiene	40.000	45.169	-12.9	86	0.00
42	S	2,4,6-Tribromophenol	80.000	106.478	-33.1#	94	0.01
43	C	2,4,6-Trichlorophenol	40.000	45.667	-14.2	83	0.00
44		2,4,5-Trichlorophenol	40.000	44.979	-12.4	81	0.01
45	S	2-Fluorobiphenyl	80.000	85.341	-6.7	80	0.00
46		1,1'-Biphenyl	40.000	41.092	-2.7	79	0.00
47		2-Chloronaphthalene	40.000	42.622	-6.6	81	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025377.D
Acq On : 13 Aug 2025 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 10:46:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.432	-6.1	85	0.00
49		Acenaphthylene	40.000	41.408	-3.5	78	0.00
50		Dimethylphthalate	40.000	40.865	-2.2	78	0.00
51		2,6-Dinitrotoluene	40.000	48.334	-20.8	85	0.01
52	C	Acenaphthene	40.000	39.201	2.0	76	0.00
53		3-Nitroaniline	40.000	45.480	-13.7	81	0.01
54	P	2,4-Dinitrophenol	40.000	53.765	-34.4#	126	0.01
55		Dibenzofuran	40.000	41.132	-2.8	79	0.00
56	P	4-Nitrophenol	40.000	42.183	-5.5	78	0.03
57		2,4-Dinitrotoluene	40.000	45.658	-14.1	92	0.00
58		Fluorene	40.000	41.489	-3.7	80	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	46.722	-16.8	84	0.00
60		Diethylphthalate	40.000	40.555	-1.4	78	0.00
61		4-Chlorophenyl-phenylether	40.000	43.008	-7.5	82	0.00
62		4-Nitroaniline	40.000	45.895	-14.7	80	0.01
63		Azobenzene	40.000	38.553	3.6	73	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	76	0.00
65		4,6-Dinitro-2-methylphenol	40.000	54.377	-35.9#	128	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.950	-2.4	79	0.00
67		4-Bromophenyl-phenylether	40.000	43.673	-9.2	84	0.00
68		Hexachlorobenzene	40.000	44.825	-12.1	88	0.00
69		Atrazine	40.000	42.405	-6.0	82	0.00
70	C	Pentachlorophenol	40.000	49.549	-23.9#	95	0.01
71		Phenanthrene	40.000	41.178	-2.9	80	0.00
72		Anthracene	40.000	41.693	-4.2	80	0.00
73		Carbazole	40.000	40.403	-1.0	78	0.00
74		Di-n-butylphthalate	40.000	41.912	-4.8	80	0.00
75	C	Fluoranthene	40.000	41.272	-3.2	80	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	79	0.00
77		Benzidine	40.000	44.665	-11.7	66	0.00
78		Pyrene	40.000	40.885	-2.2	83	0.00
79	S	Terphenyl-d14	80.000	84.541	-5.7	84	0.00
80		Butylbenzylphthalate	40.000	45.038	-12.6	85	0.00
81		Benzo(a)anthracene	40.000	40.547	-1.4	82	0.00
82		3,3'-Dichlorobenzidine	40.000	43.364	-8.4	85	0.00
83		Chrysene	40.000	41.095	-2.7	82	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	42.221	-5.6	80	-0.01
85	c	Di-n-octyl phthalate	40.000	44.443	-11.1	84	0.00
86	I	Perylene-d12	20.000	20.000	0.0	83	0.03
87		Indeno(1,2,3-cd)pyrene	40.000	42.813	-7.0	88	0.03
88		Benzo(b)fluoranthene	40.000	40.203	-0.5	85	0.02
89		Benzo(k)fluoranthene	40.000	39.607	1.0	83	0.02
90	C	Benzo(a)pyrene	40.000	40.265	-0.7	83	0.02
91		Dibenzo(a,h)anthracene	40.000	42.708	-6.8	88	0.05
92		Benzo(g,h,i)perylene	40.000	42.630	-6.6	88	0.08

Sample Results: **BP025377.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025377.D
Acq On : 13 Aug 2025 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 10:46:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 2

QC SAMPLE DATA

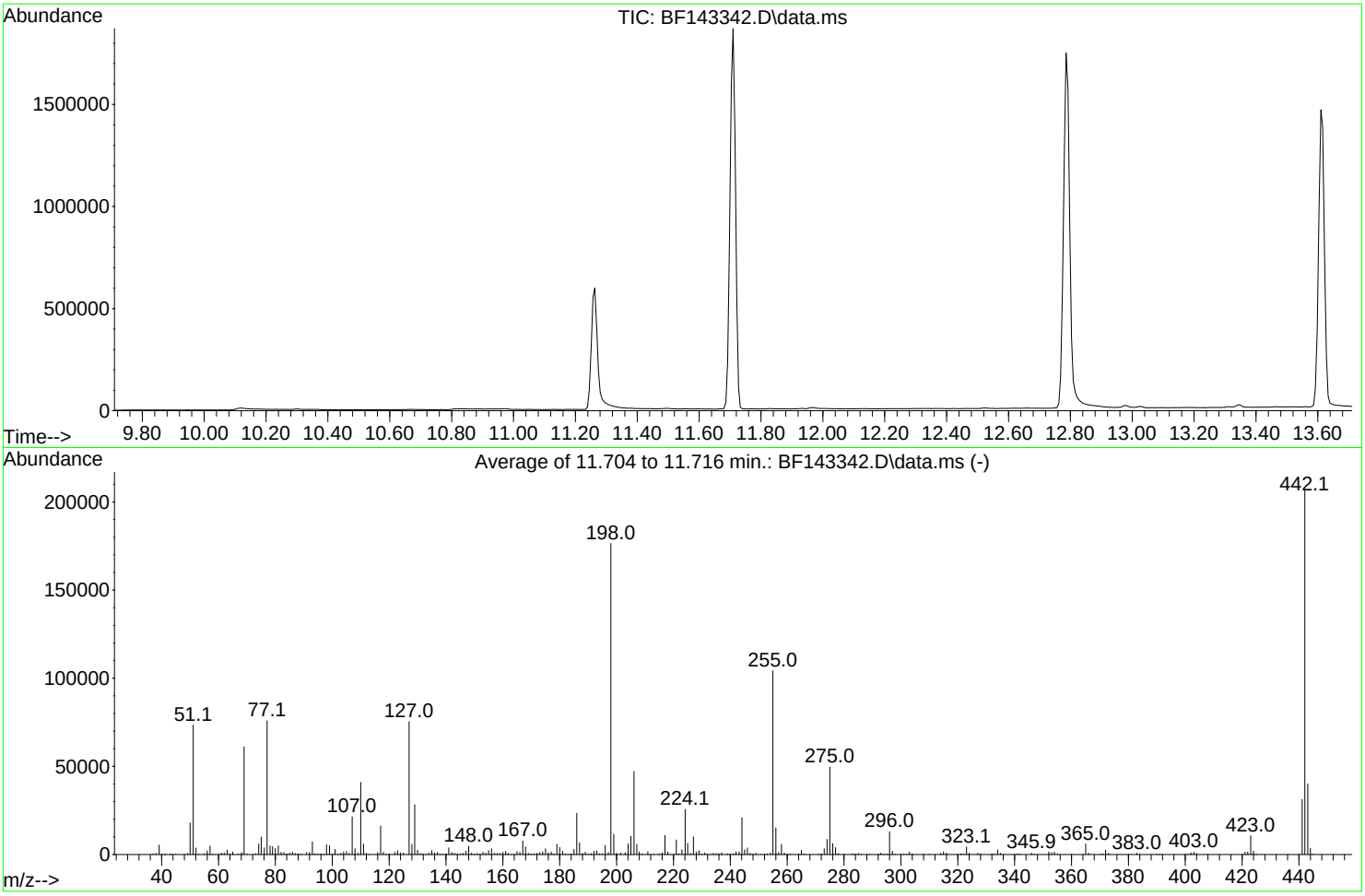
Sample Results: **BF143342.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143342.D
Acq On : 12 Aug 2025 08:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 12 13:25:39 2025



AutoFind: Scans 1617, 1618, 1619; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	1075	PASS
69	69	100	100	100.0	61205	PASS
70	69	0.00	2	0.5	326	PASS
197	198	0.00	2	0.6	1092	PASS
198	198	100	100	100.0	176469	PASS
199	198	5	9	6.5	11438	PASS
365	198	1	100	3.4	5927	PASS
441	443	0.01	150	77.9	31269	PASS
442	442	100	100	100.0	206464	PASS
443	442	15	24	19.4	40120	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/12/2025	BNA_F	BF143342.D
Compound Name	**Response**	**Retention Time**
DDT	266385	13.61
DDD	3780	13.345
DDE	3356	12.98
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
7136	273521	2.61

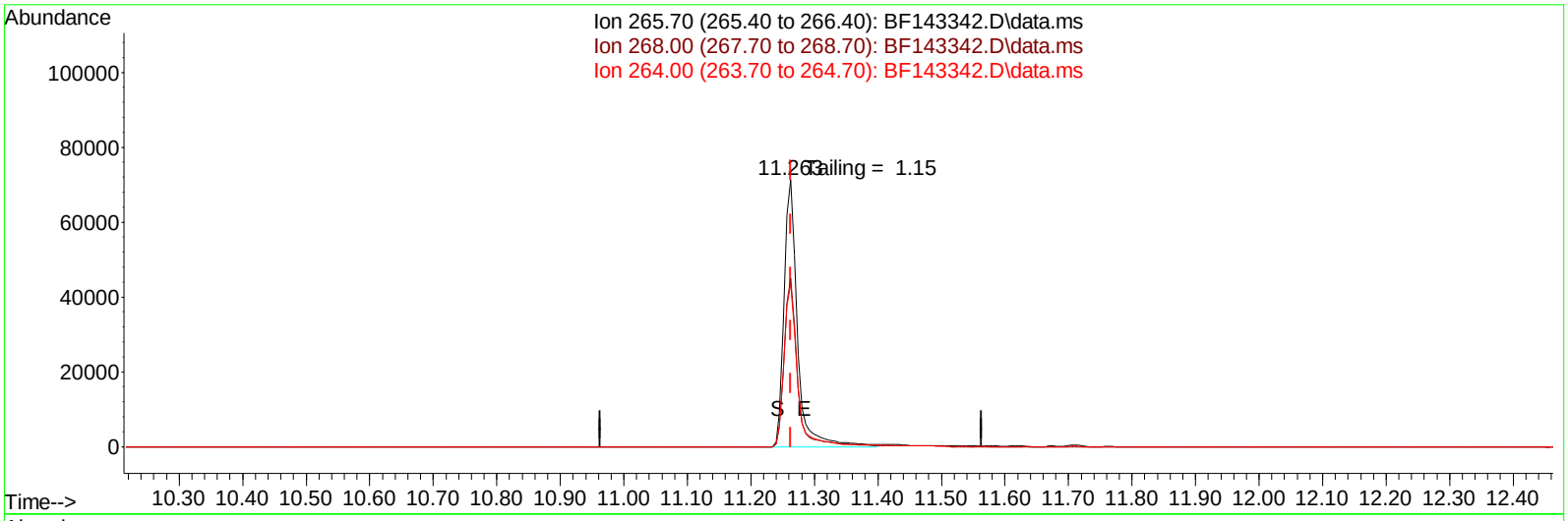
Instrument :
BNA_F
ClientSampleId :
DFTPP

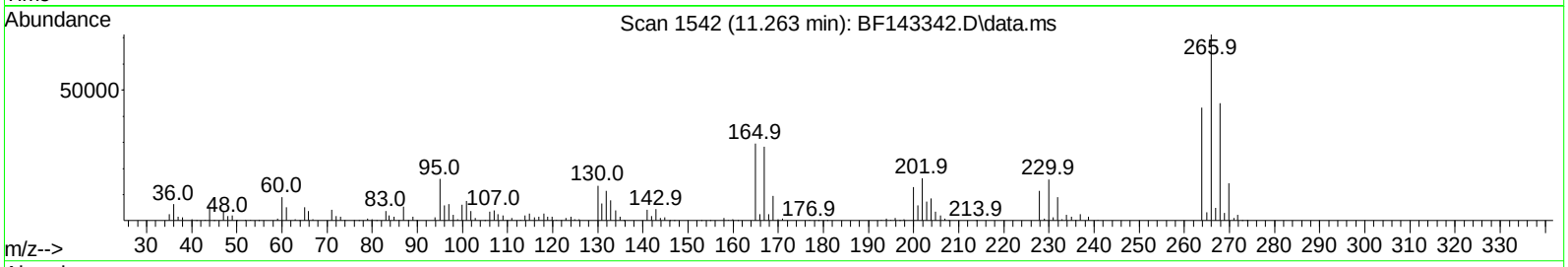
Sample Results: **BF143342.D**

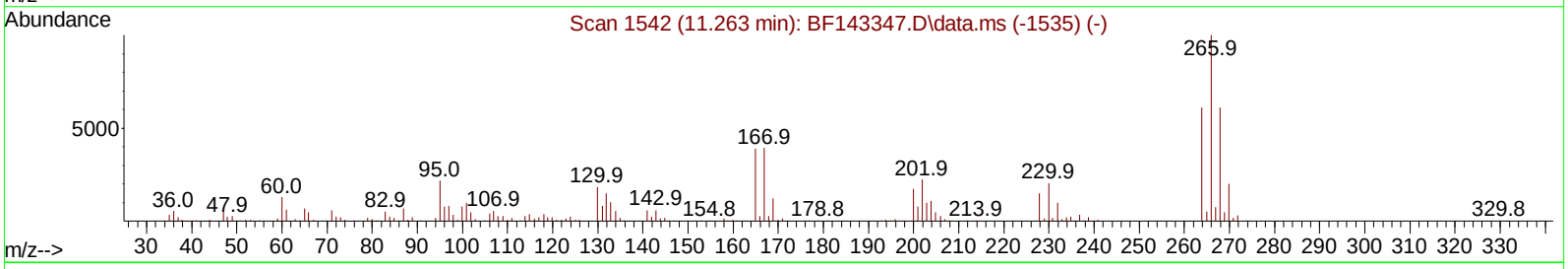
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143342.D
Acq On : 12 Aug 2025 08:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 12 13:28:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration







TIC: BF143342.D\data.ms

(70) Pentachlorophenol (C)

11.263min (-0.000) 127995.01 ng

response 106759

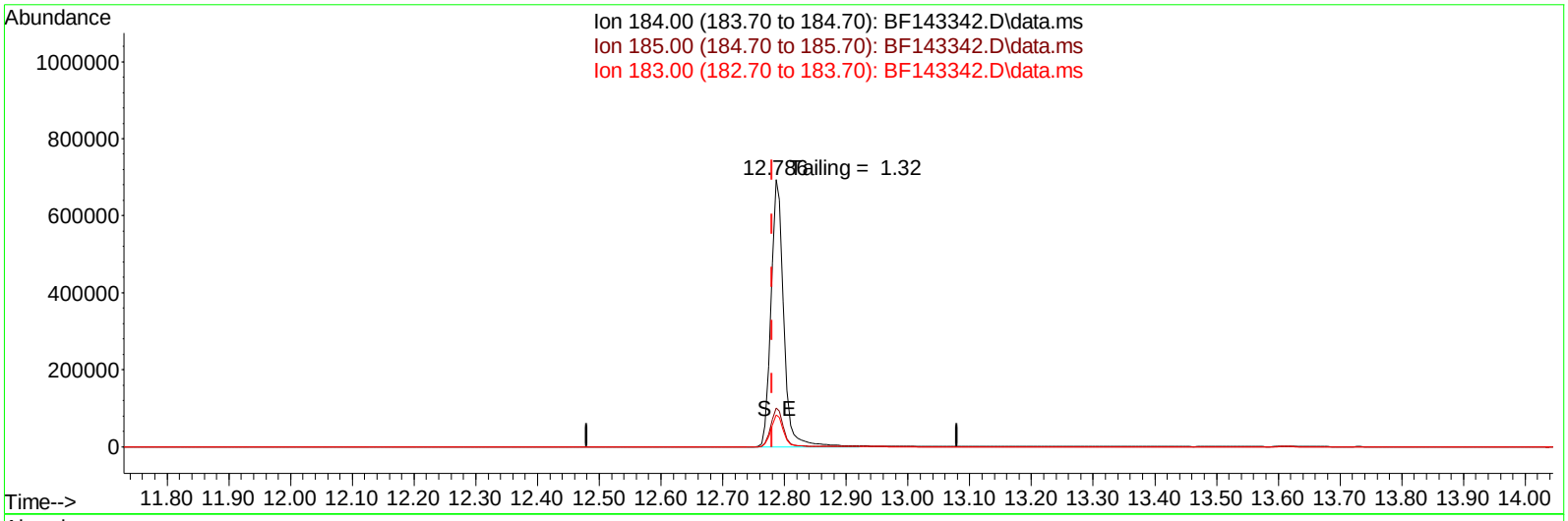
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.00	63.14
264.00	61.00	60.85
0.00	0.00	0.00

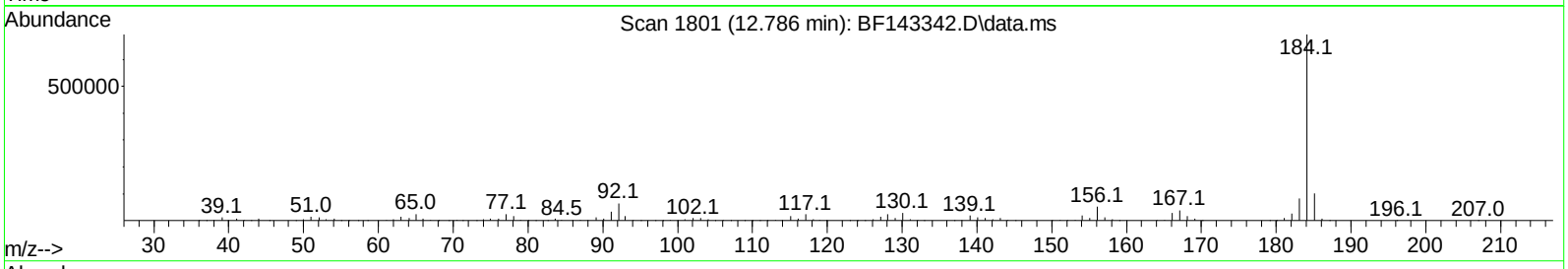
Sample Results: **BF143342.D**

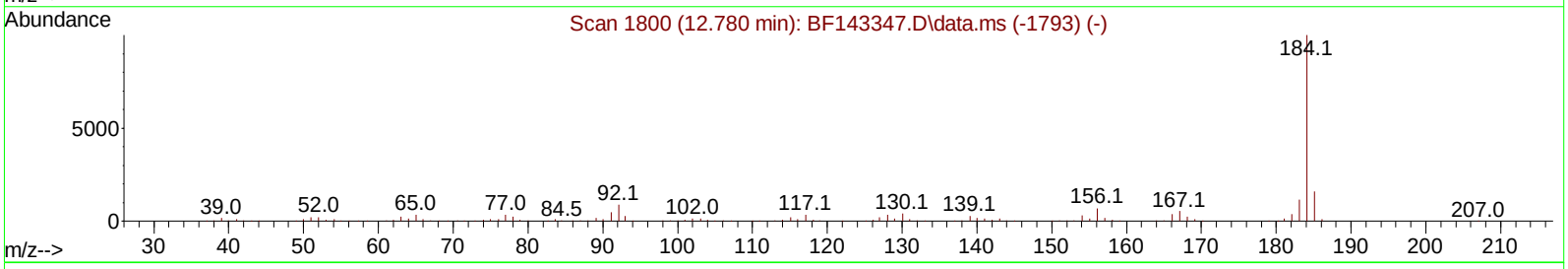
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143342.D
Acq On : 12 Aug 2025 08:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 12 13:28:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration







TIC: BF143342.D\data.ms

(77) Benzidine

12.786min (+ 0.006) 0.00 ng

response 1006924

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	16.00	14.63
183.00	11.60	11.87
0.00	0.00	0.00

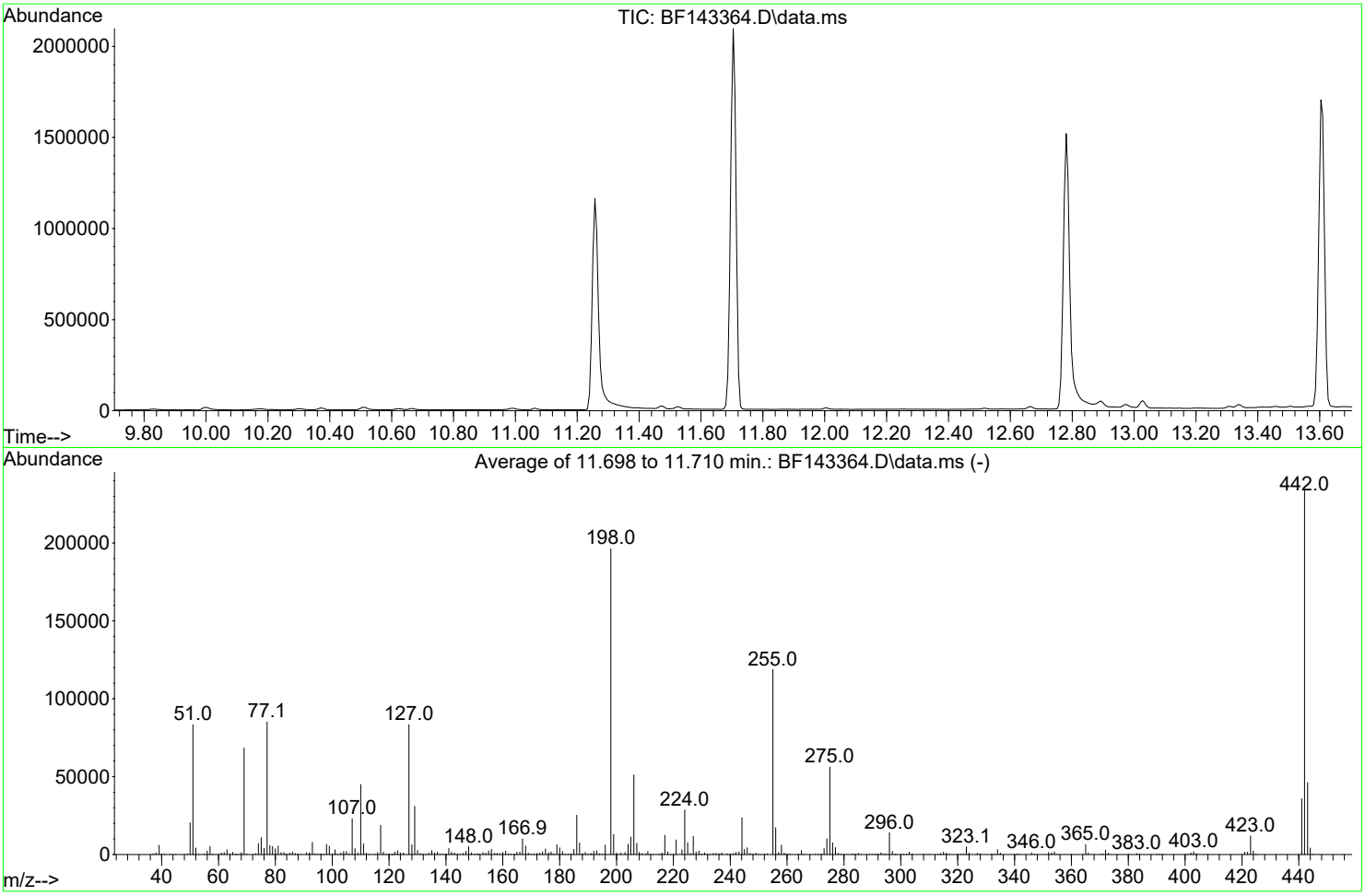
Sample Results: **BF143364.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143364.D
Acq On : 13 Aug 2025 08:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 12 13:25:39 2025



AutoFind: Scans 1616, 1617, 1618; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1286	PASS
69	69	100	100	100.0	68336	PASS
70	69	0.00	2	0.6	395	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	196331	PASS
199	198	5	9	6.6	12910	PASS
365	198	1	100	3.3	6489	PASS
441	443	0.01	150	77.5	35787	PASS
442	442	100	100	100.0	233685	PASS
443	442	15	24	19.8	46192	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/13/2025	BNA_F	BF143364.D
Compound Name	**Response**	**Retention Time**
DDT	428873	13.604
DDD	10022	13.339
DDE	6725	12.975
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
16747	445620	3.76

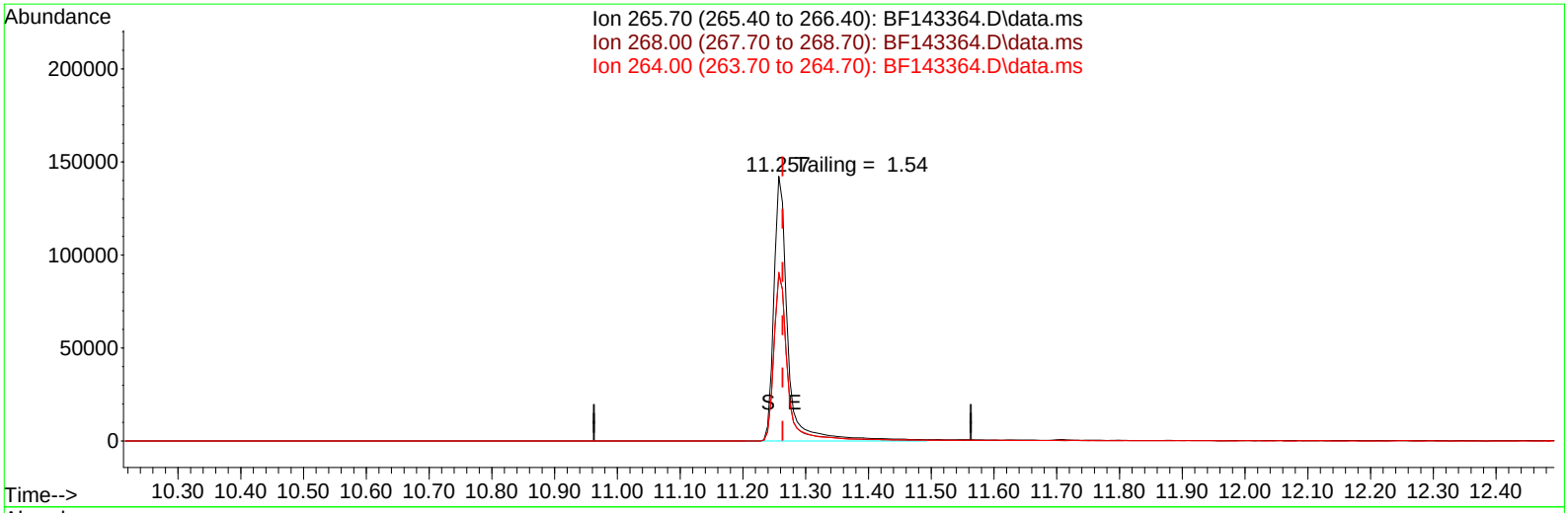
Instrument :
BNA_F
ClientSampleId :
DFTPP

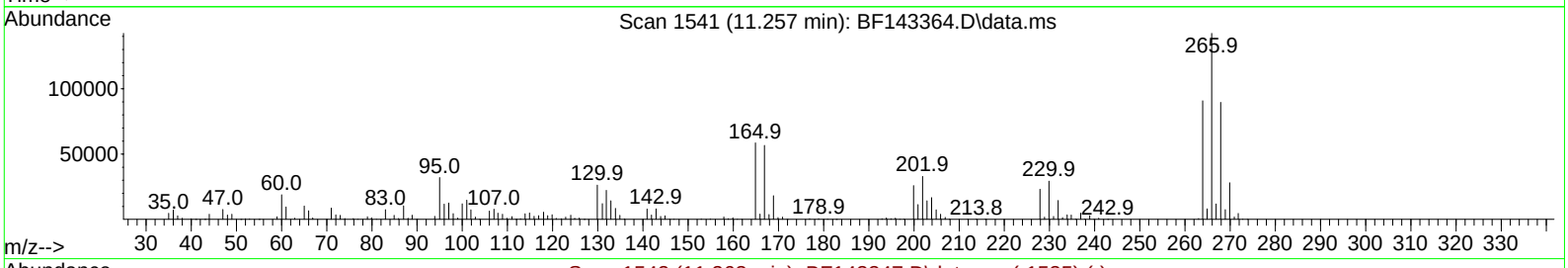
Sample Results: **BF143364.D**

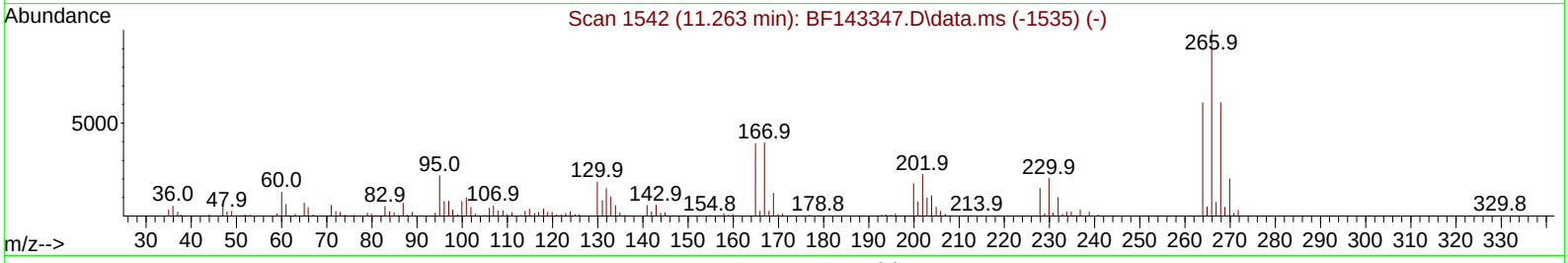
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143364.D
Acq On : 13 Aug 2025 08:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 13 11:48:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration







TIC: BF143364.D\data.ms

(70) Pentachlorophenol (C)

11.257min (-0.006) 27752.57 ng

response 221678

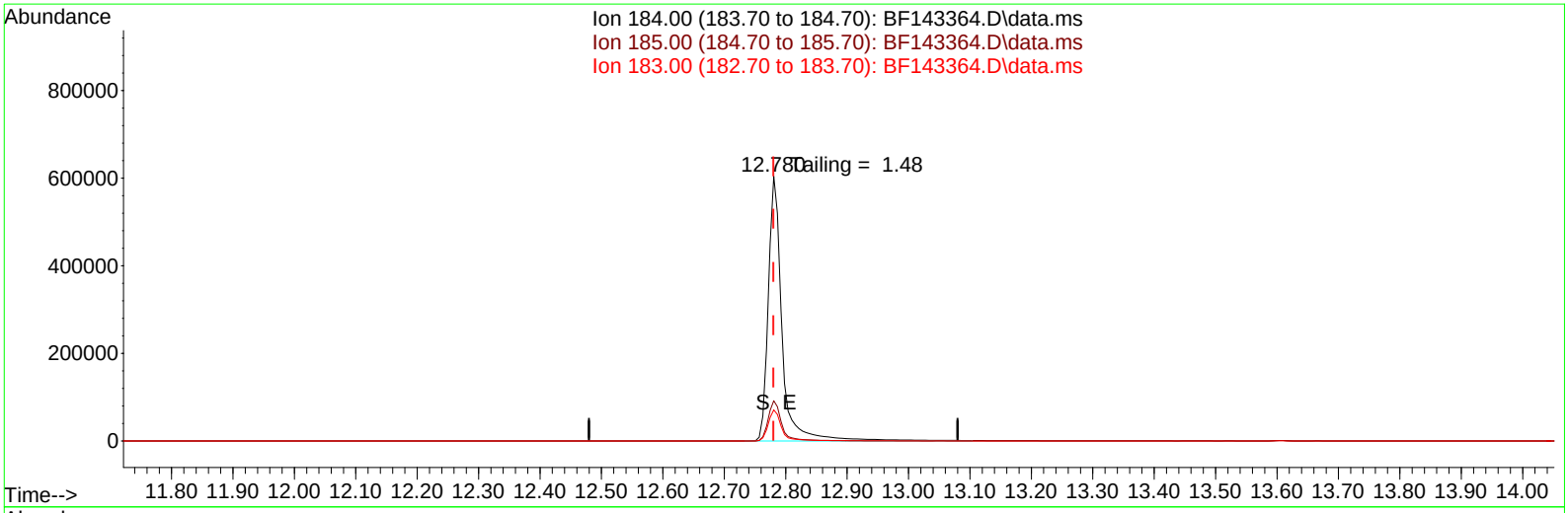
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.00	62.96
264.00	61.00	63.80
0.00	0.00	0.00

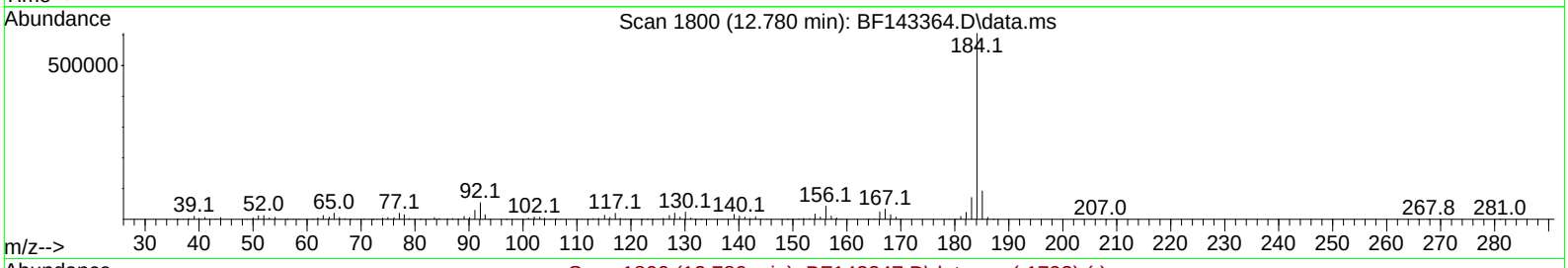
Sample Results: **BF143364.D**

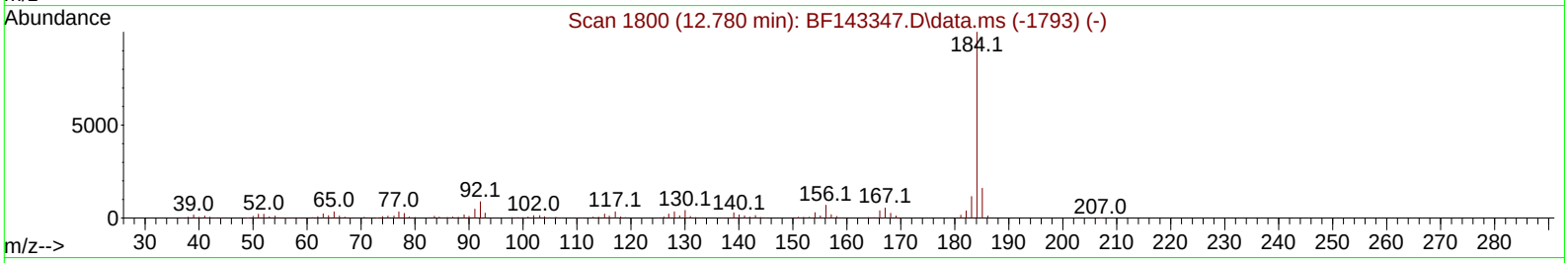
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143364.D
Acq On : 13 Aug 2025 08:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 13 11:48:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration







TIC: BF143364.D\data.ms

(77) Benzidine

12.780min (+ 0.000) 0.00 ng

response 949077

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	16.00	15.22
183.00	11.60	11.79
0.00	0.00	0.00

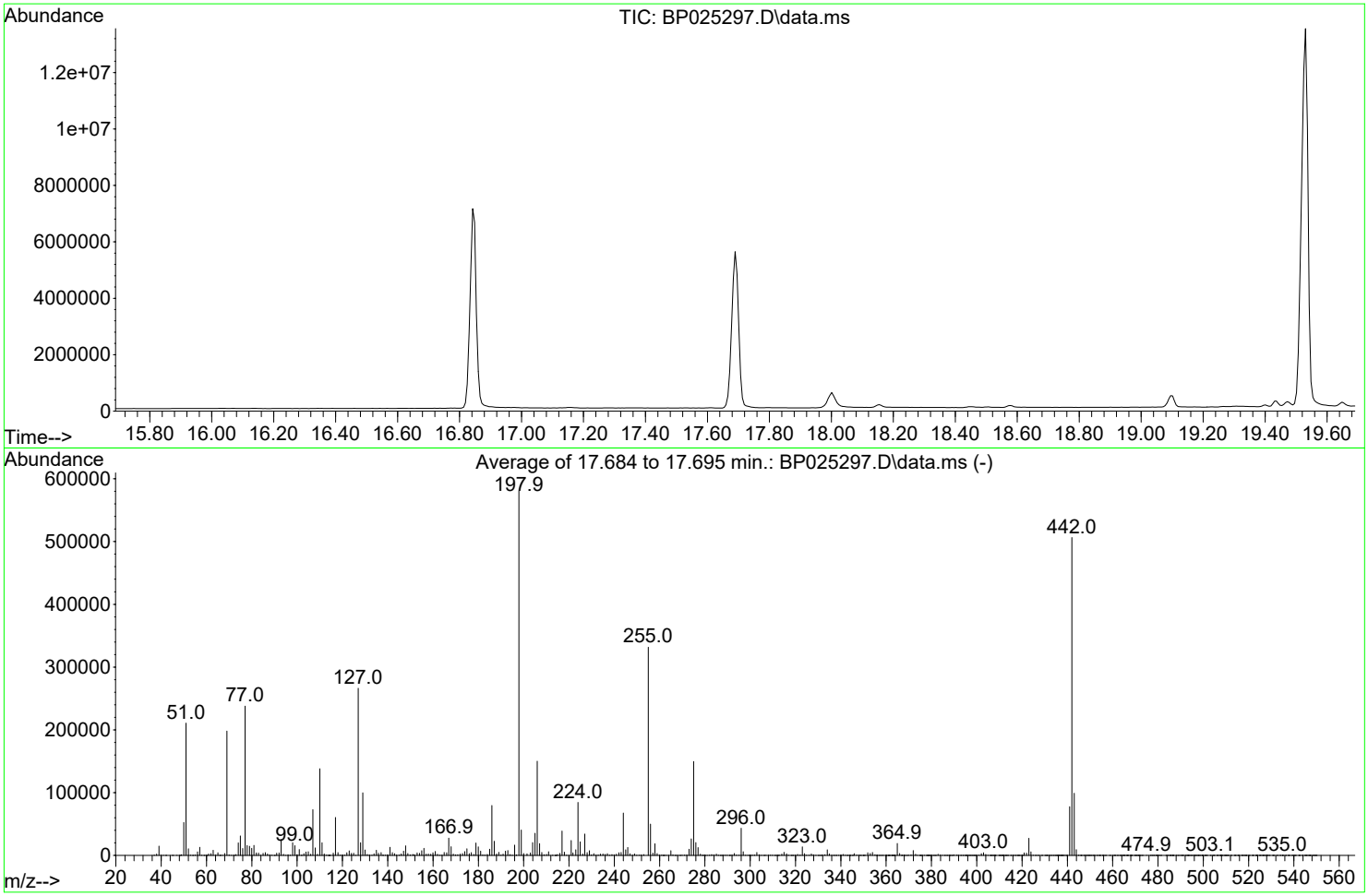
Sample Results: **BP025297.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025297.D
Acq On : 05 Aug 2025 11:21
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 06 06:41:44 2025



AutoFind: Scans 2507, 2508, 2509; Background Corrected with Scan 2497

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3139	PASS
69	69	100	100	100.0	197961	PASS
70	69	0.00	2	0.5	1001	PASS
197	198	0.00	2	0.2	934	PASS
198	198	100	100	100.0	580472	PASS
199	198	5	9	7.0	40411	PASS
365	198	1	100	3.3	19143	PASS
441	443	0.01	150	78.4	77662	PASS
442	442	100	100	100.0	506491	PASS
443	442	15	24	19.6	99034	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/5/2025	BNA_P	BP025297.D
Compound Name	**Response**	**Retention Time**
DDT	2359483	20.83
DDD	25464	20.425
DDE	1490	19.836
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
26954	2386437	1.13

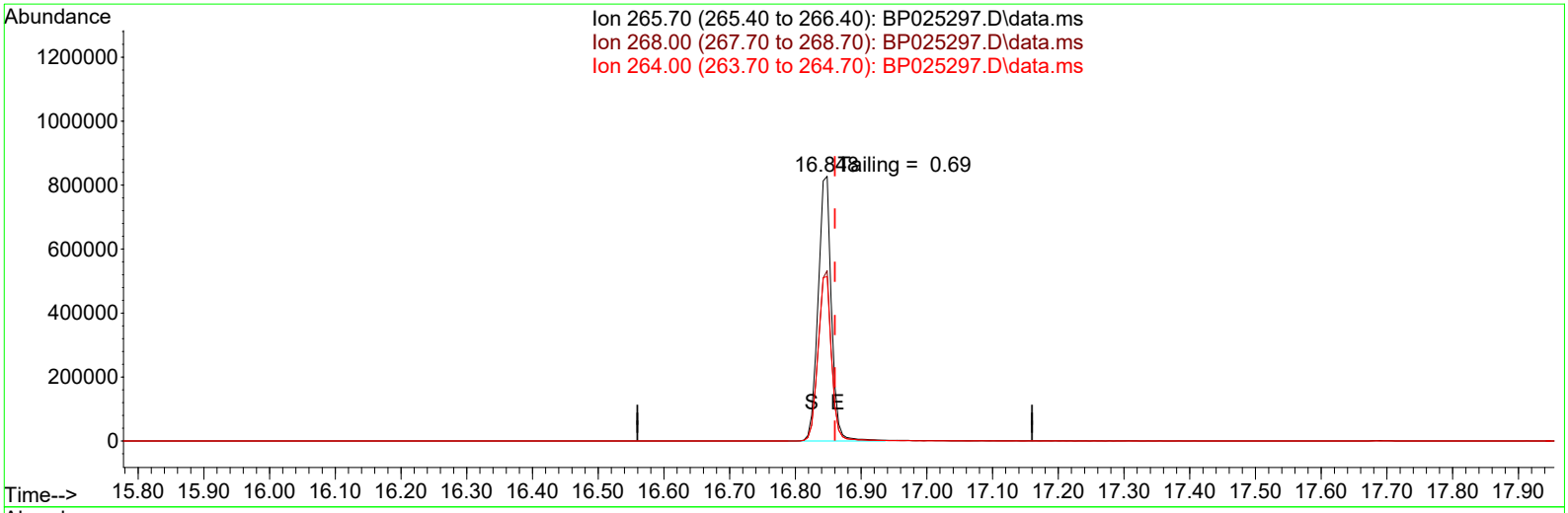
Instrument :
BNA_P
ClientSampleId :
DFTPP

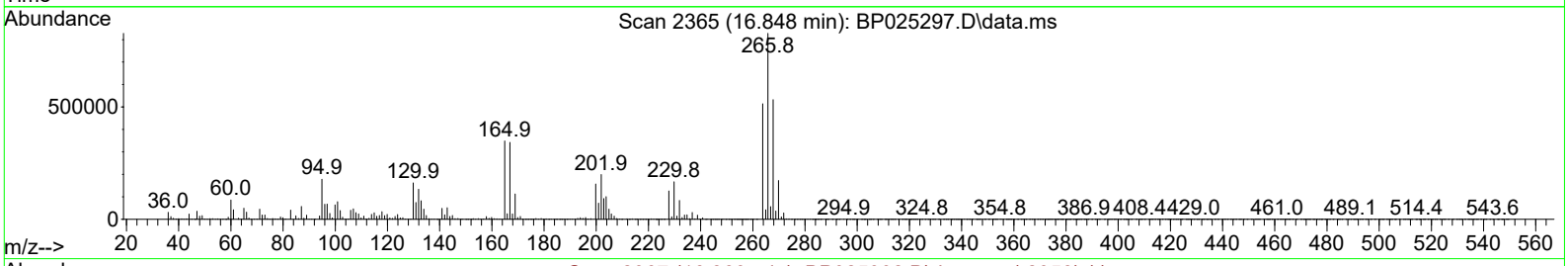
Sample Results: **BP025297.D**

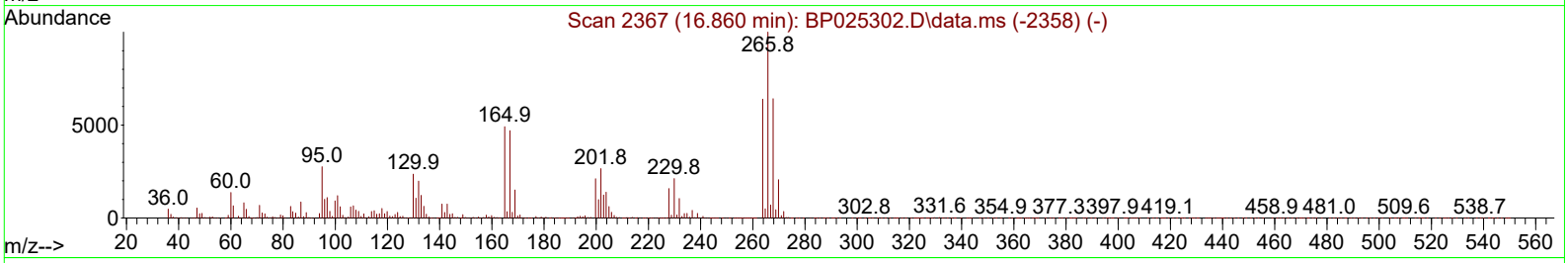
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025297.D
Acq On : 05 Aug 2025 11:21
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 06 07:09:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025297.D\data.ms

(70) Pentachlorophenol (C)

16.848min (-0.012) 1707314.09 ng

response 1166643

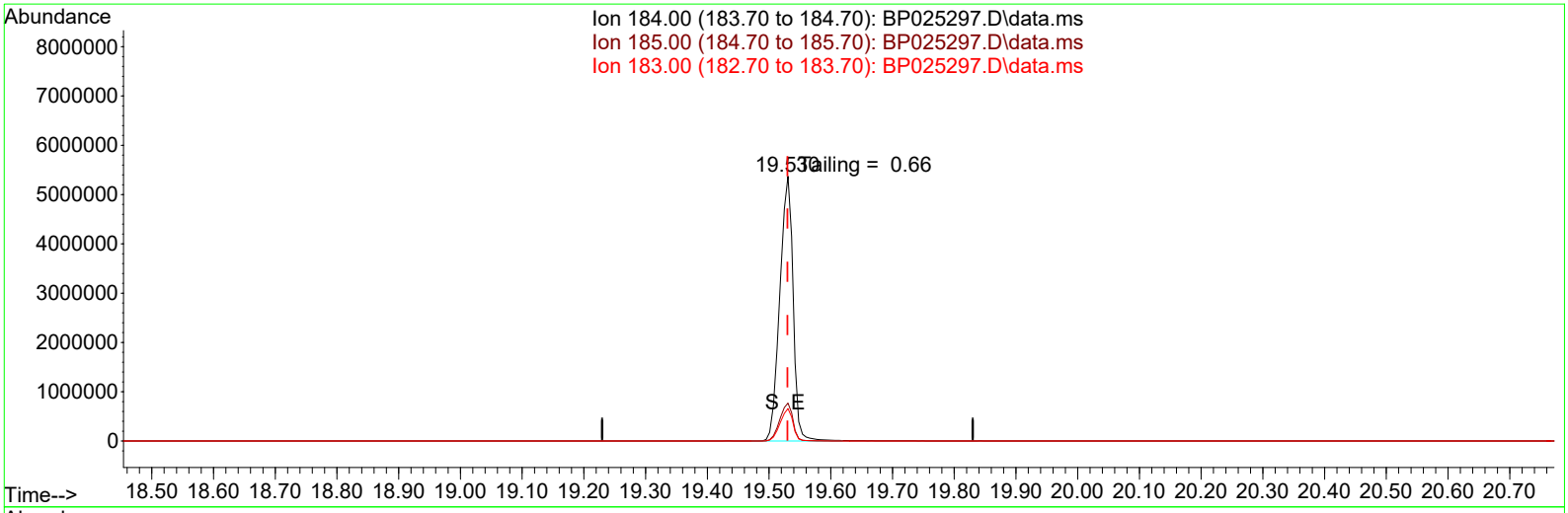
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.20	64.31
264.00	63.90	62.13
0.00	0.00	0.00

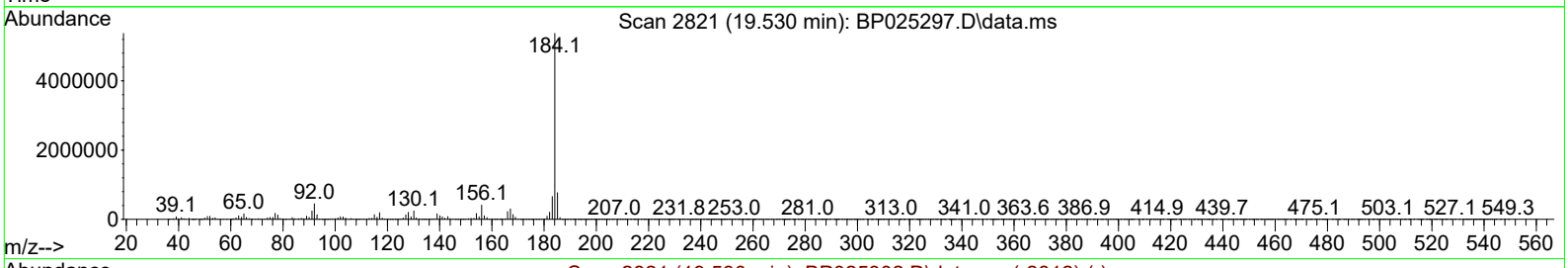
Sample Results: **BP025297.D**

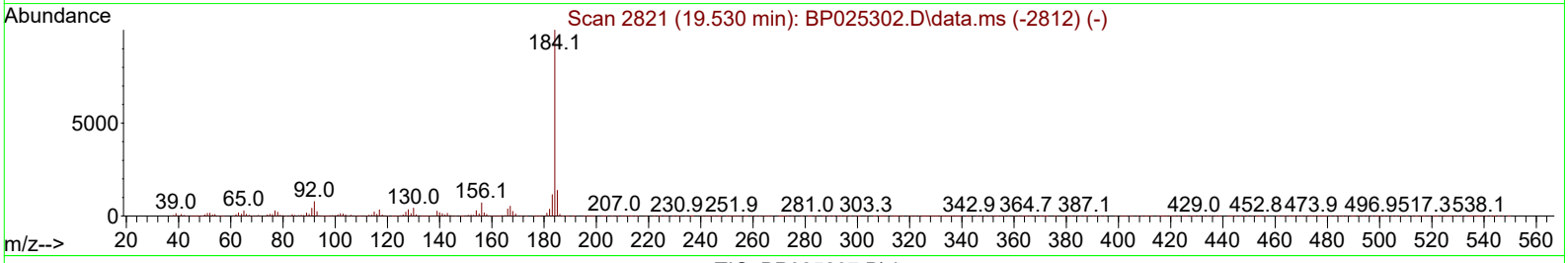
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025297.D
Acq On : 05 Aug 2025 11:21
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 06 07:09:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025297.D\data.ms

(77) Benzidine

19.530min (+ 0.000) 113432.74 ng

response 8120949

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.80	14.30
183.00	11.50	12.22
0.00	0.00	0.00

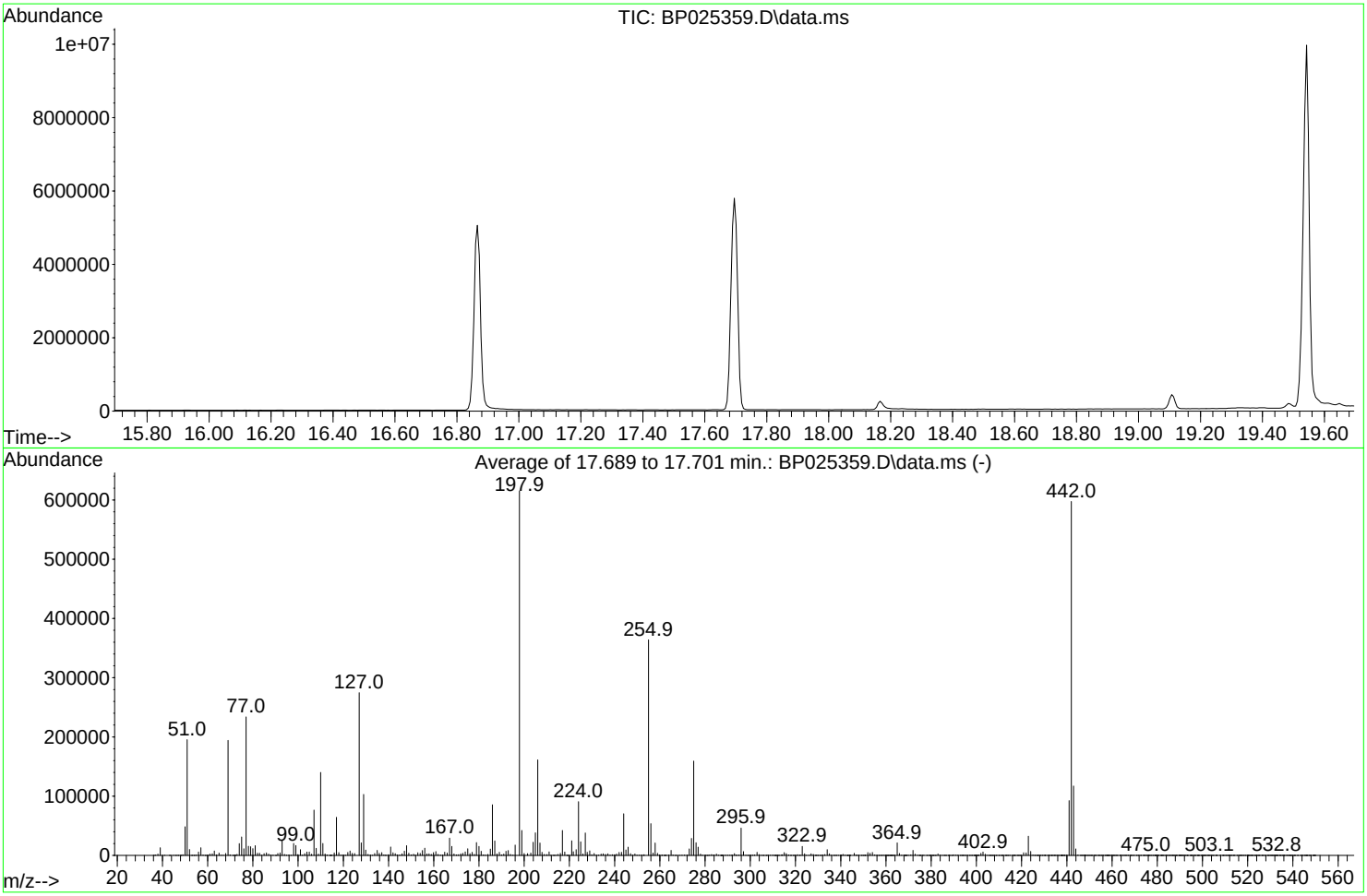
Sample Results: **BP025359.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025359.D
Acq On : 12 Aug 2025 09:26
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 06 06:41:44 2025



AutoFind: Scans 2508, 2509, 2510; Background Corrected with Scan 2499

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3158	PASS
69	69	100	100	100.0	194138	PASS
70	69	0.00	2	0.5	928	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	615091	PASS
199	198	5	9	6.8	42032	PASS
365	198	1	100	3.4	21184	PASS
441	443	0.01	150	79.0	92605	PASS
442	442	100	100	100.0	597468	PASS
443	442	15	24	19.6	117267	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/12/2025	BNA_P	BP025359.D
Compound Name	**Response**	**Retention Time**
DDT	2590799	20.831
DDD	48921	20.372
DDE	3872	19.848
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
52793	2643592	2.00

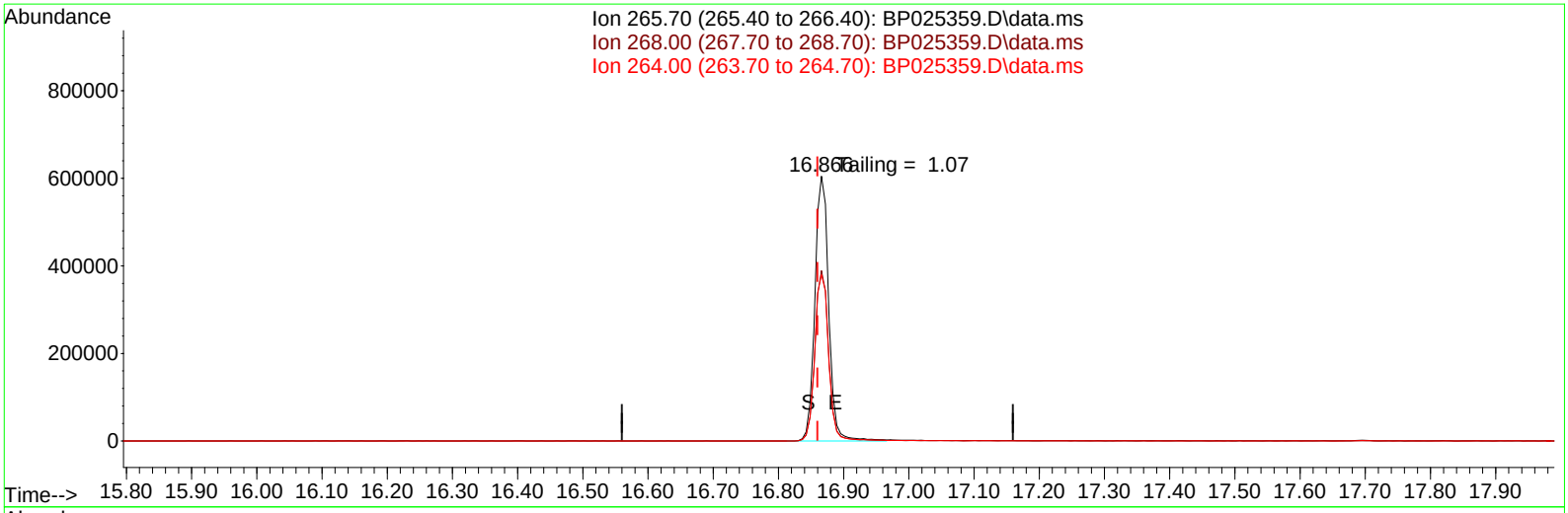
Instrument :
BNA_P
ClientSampleId :
DFTPP

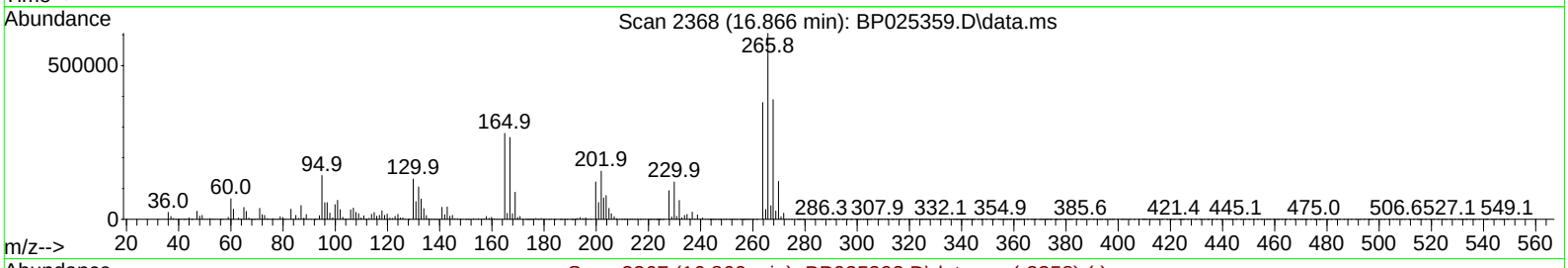
Sample Results: **BP025359.D**

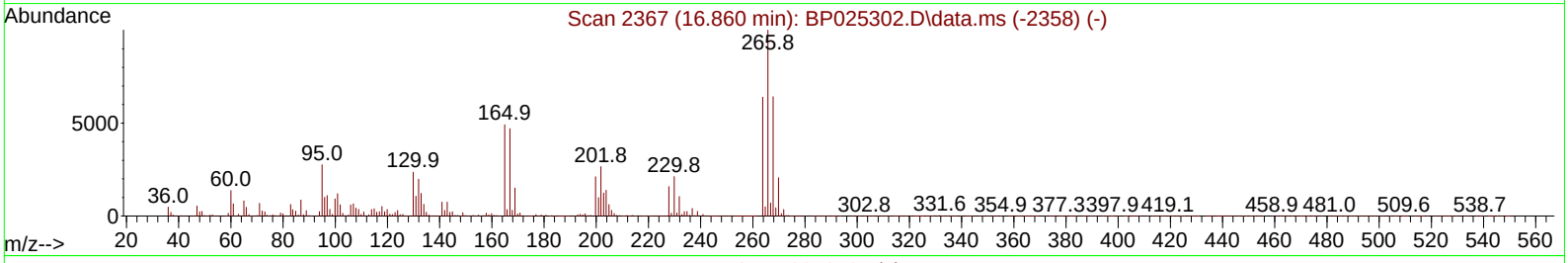
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025359.D
Acq On : 12 Aug 2025 09:26
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 12 11:27:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025359.D\data.ms

(70) Pentachlorophenol (C)

16.866min (+ 0.006) 2105985.22 ng

response 893734

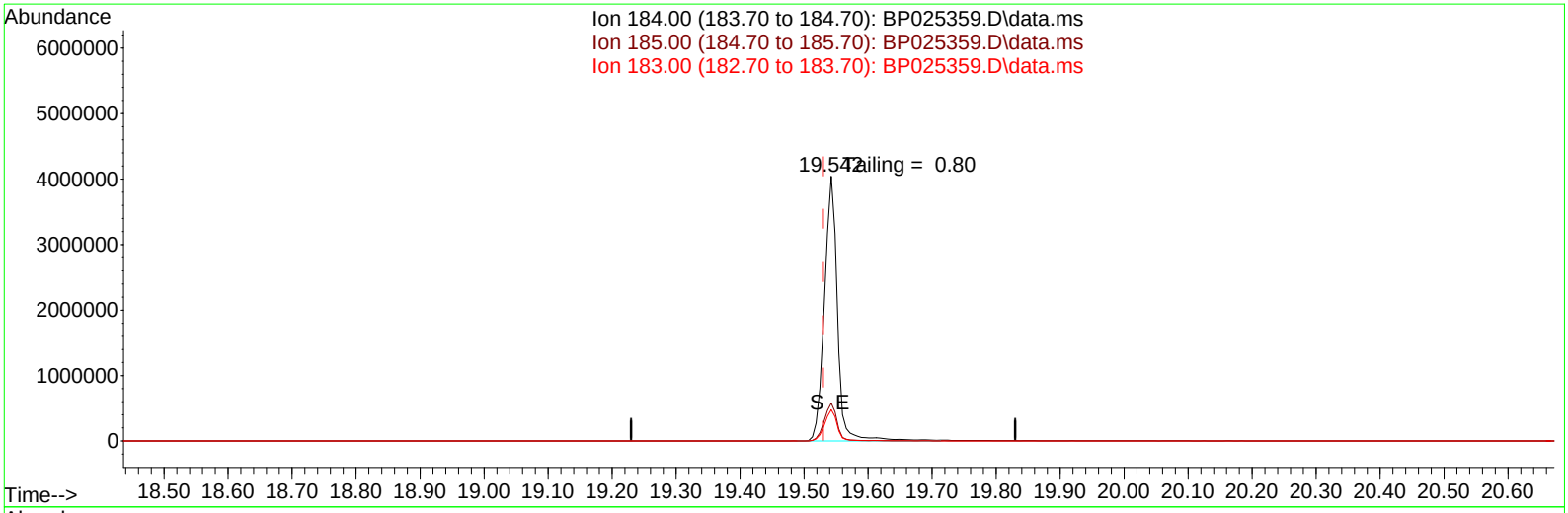
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.20	64.31
264.00	63.90	62.80
0.00	0.00	0.00

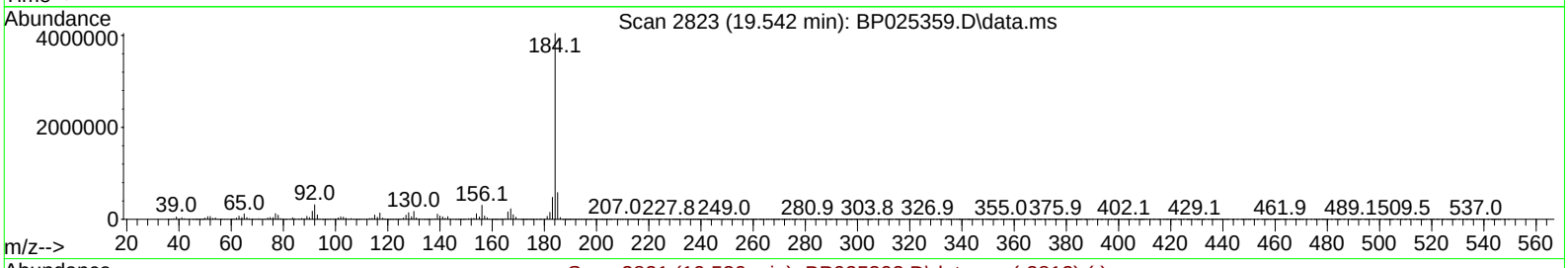
Sample Results: **BP025359.D**

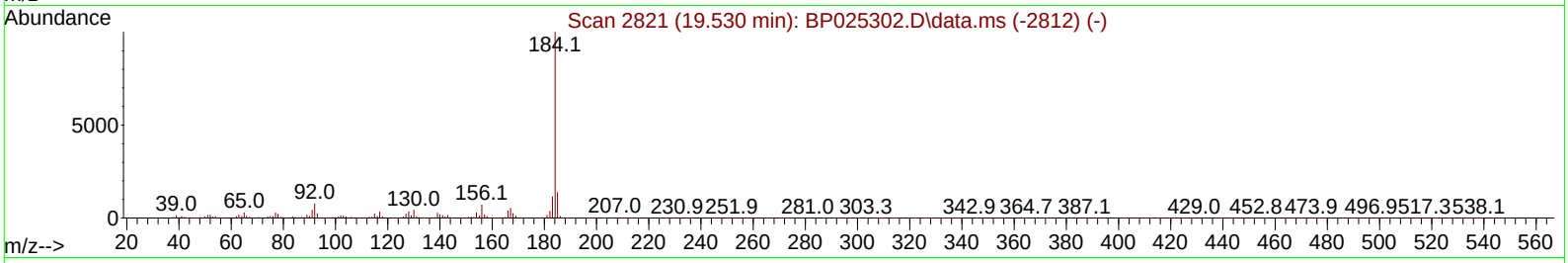
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025359.D
Acq On : 12 Aug 2025 09:26
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 12 11:27:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025359.D\data.ms

(77) Benzidine

19.542min (+ 0.012) 1326377.90 ng

response 5712896

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.80	14.35
183.00	11.50	11.85
0.00	0.00	0.00

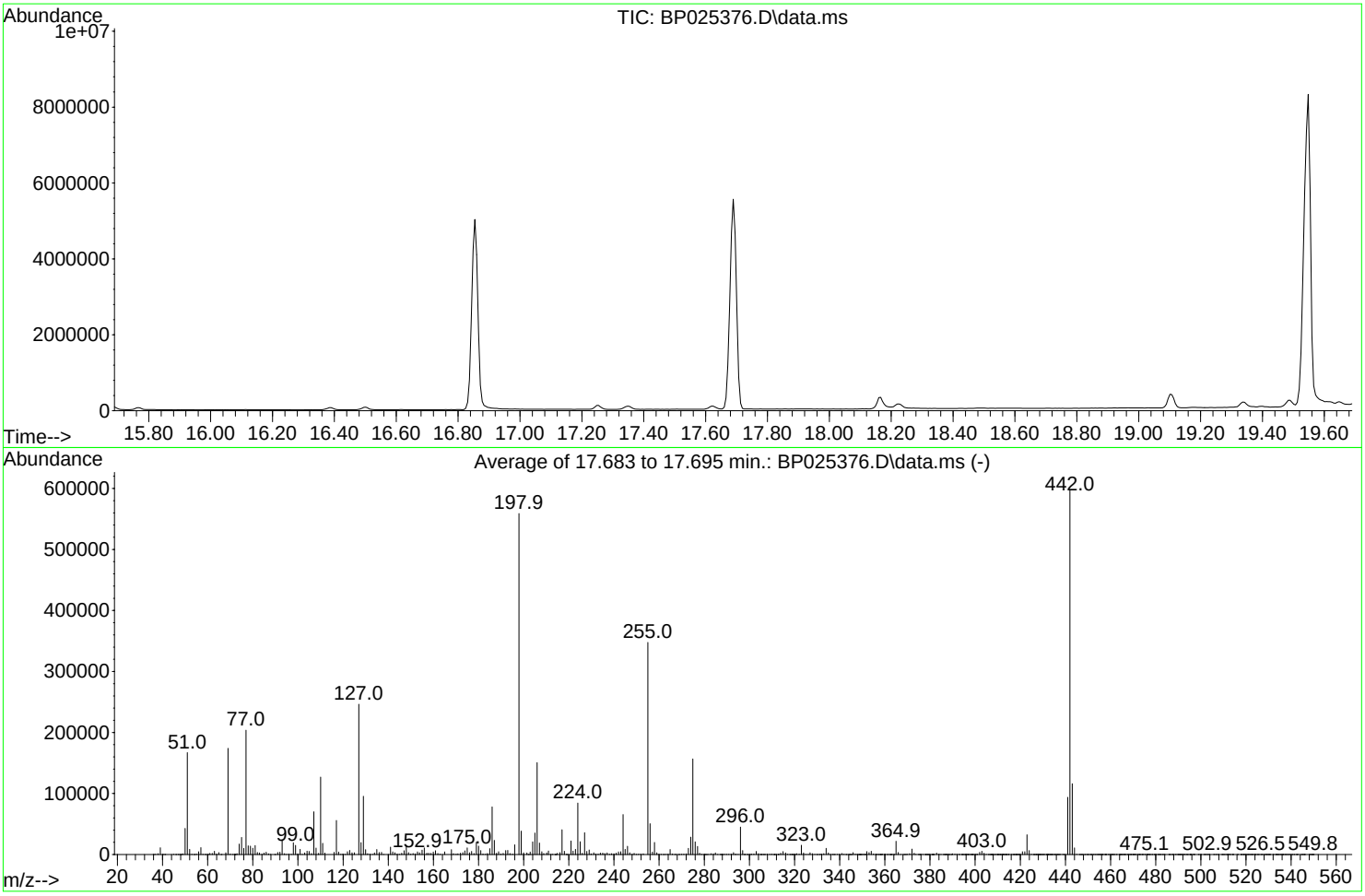
Sample Results: **BP025376.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025376.D
Acq On : 13 Aug 2025 09:10
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 06 06:41:44 2025



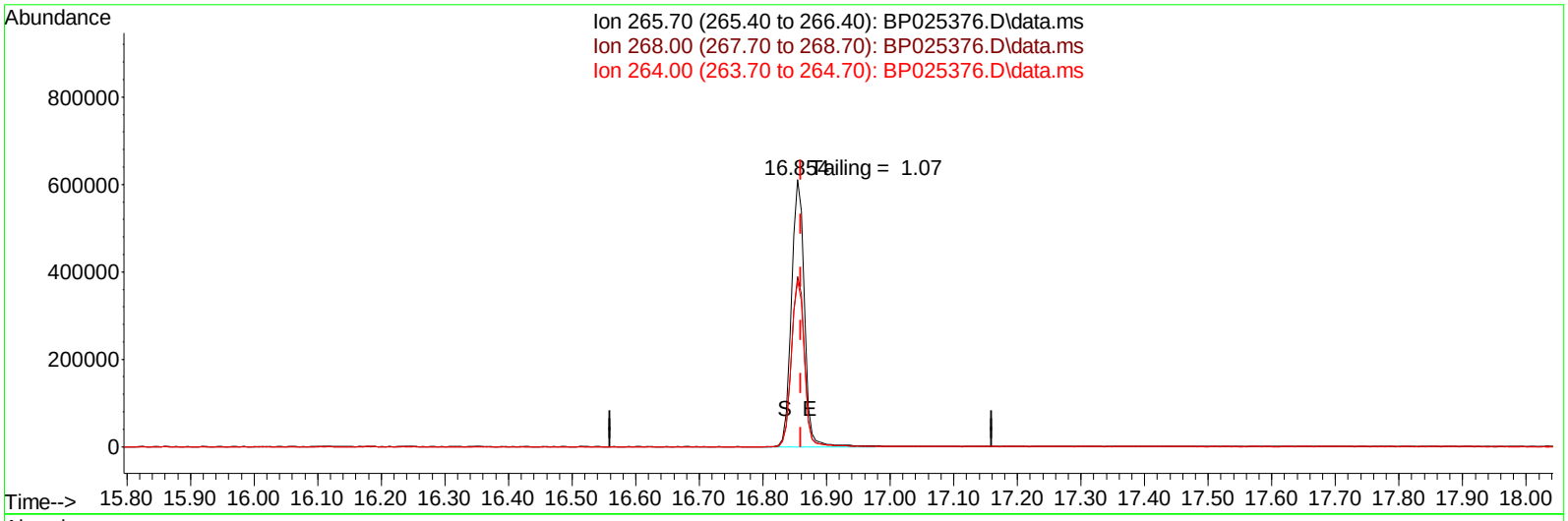
AutoFind: Scans 2507, 2508, 2509; Background Corrected with Scan 2496

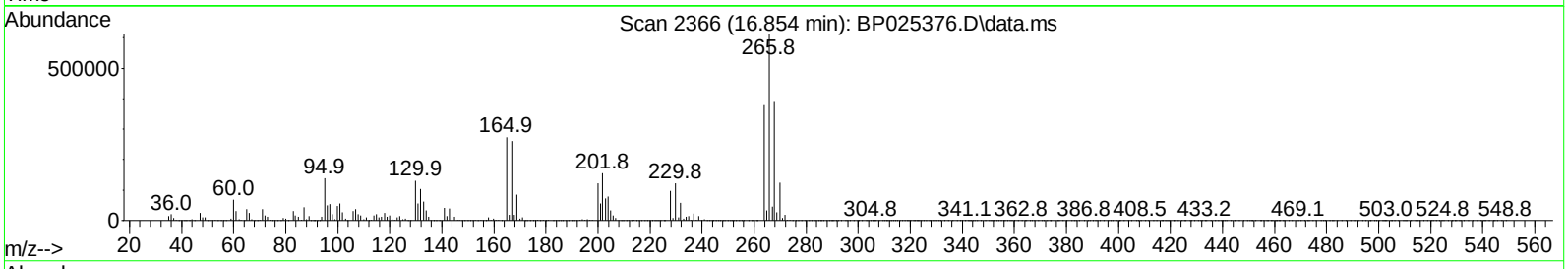
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	3000	PASS
69	69	100	100	100.0	174059	PASS
70	69	0.00	2	0.5	948	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	559040	PASS
199	198	5	9	6.9	38448	PASS
365	198	1	100	3.9	21719	PASS
441	443	0.01	150	80.7	93704	PASS
442	442	100	100	100.0	596565	PASS
443	442	15	24	19.5	116141	PASS

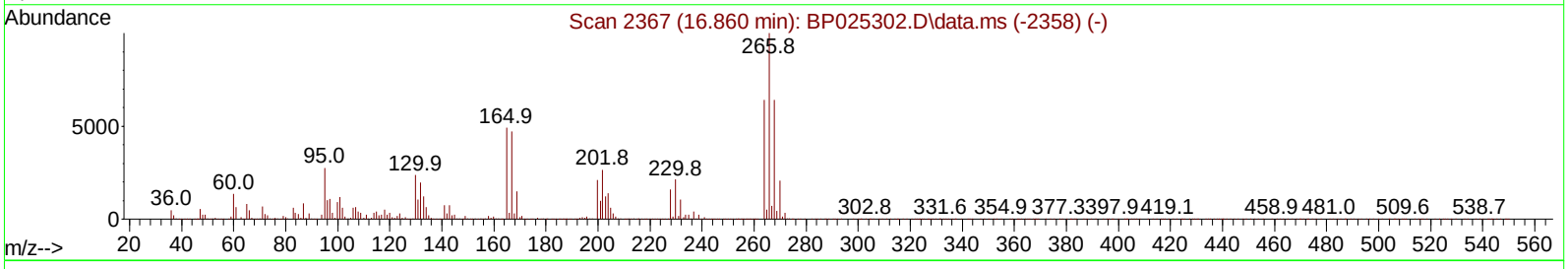
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025376.D
Acq On : 13 Aug 2025 09:10
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 13 10:45:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025376.D\data.ms

(70) Pentachlorophenol (C)

16.854min (-0.006) 72054.22 ng

response 872257

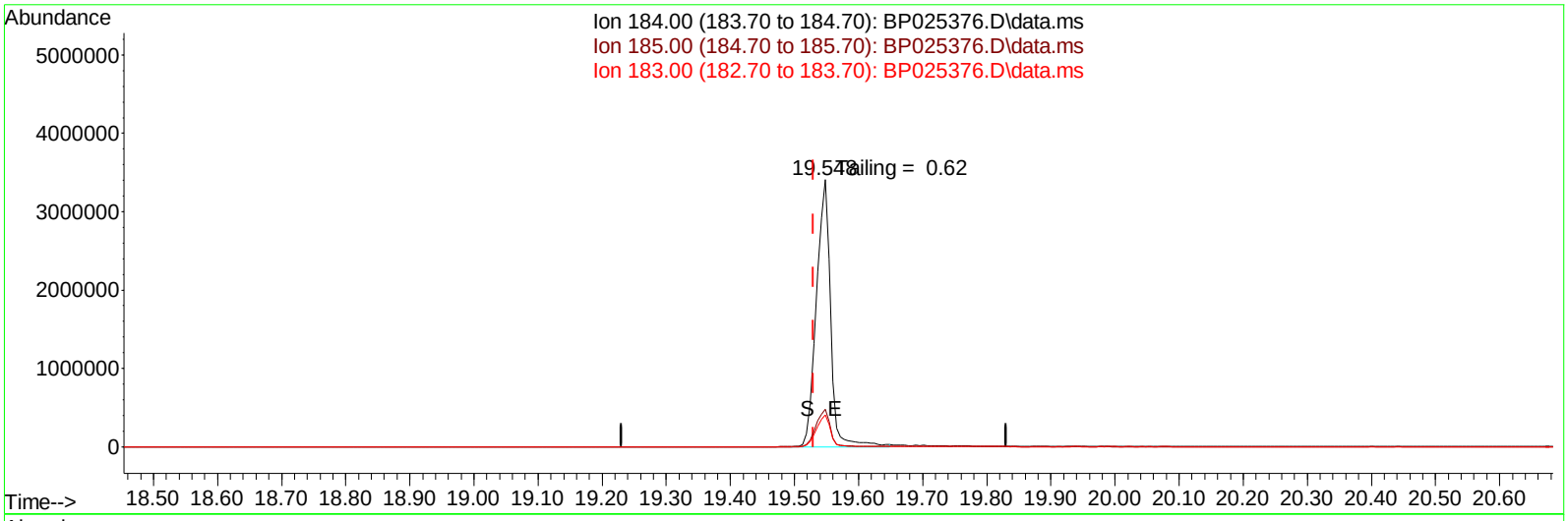
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.20	63.77
264.00	63.90	62.17
0.00	0.00	0.00

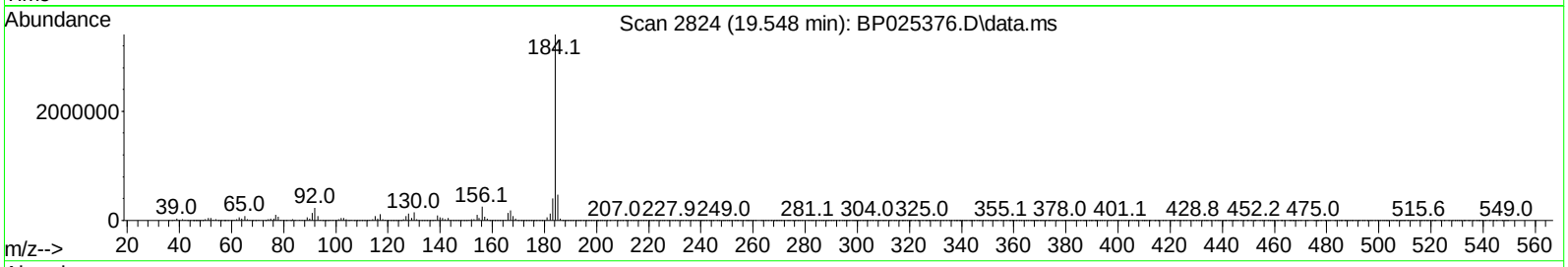
Sample Results: **BP025376.D**

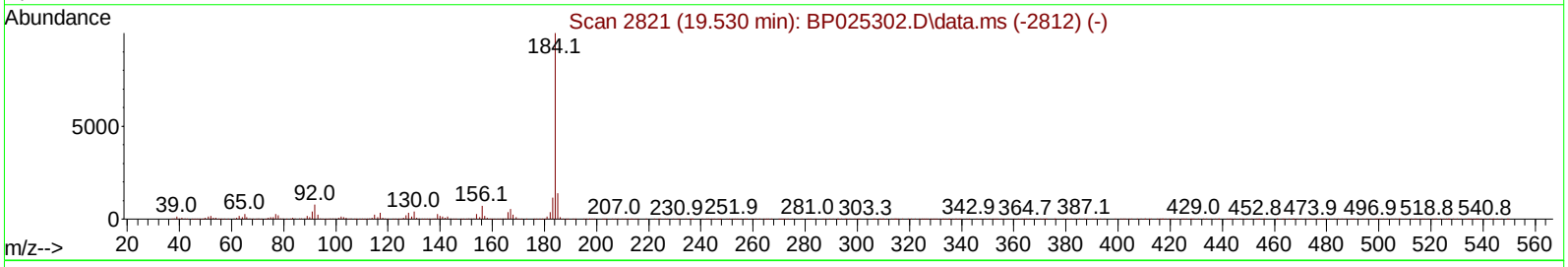
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025376.D
Acq On : 13 Aug 2025 09:10
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 13 10:45:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration







TIC: BP025376.D\data.ms

(77) Benzidine

19.548min (+ 0.018) 57458.25 ng

response 5292761

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.80	14.00
183.00	11.50	11.99
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/13/2025	BNA_P	BP025376.D
Compound Name	**Response**	**Retention Time**
DDT	2483175	20.842
DDD	51260	20.372
DDE	5330	19.848
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
56590	2539765	2.23

Instrument :
BNA_P
ClientSampleId :
DFTPP

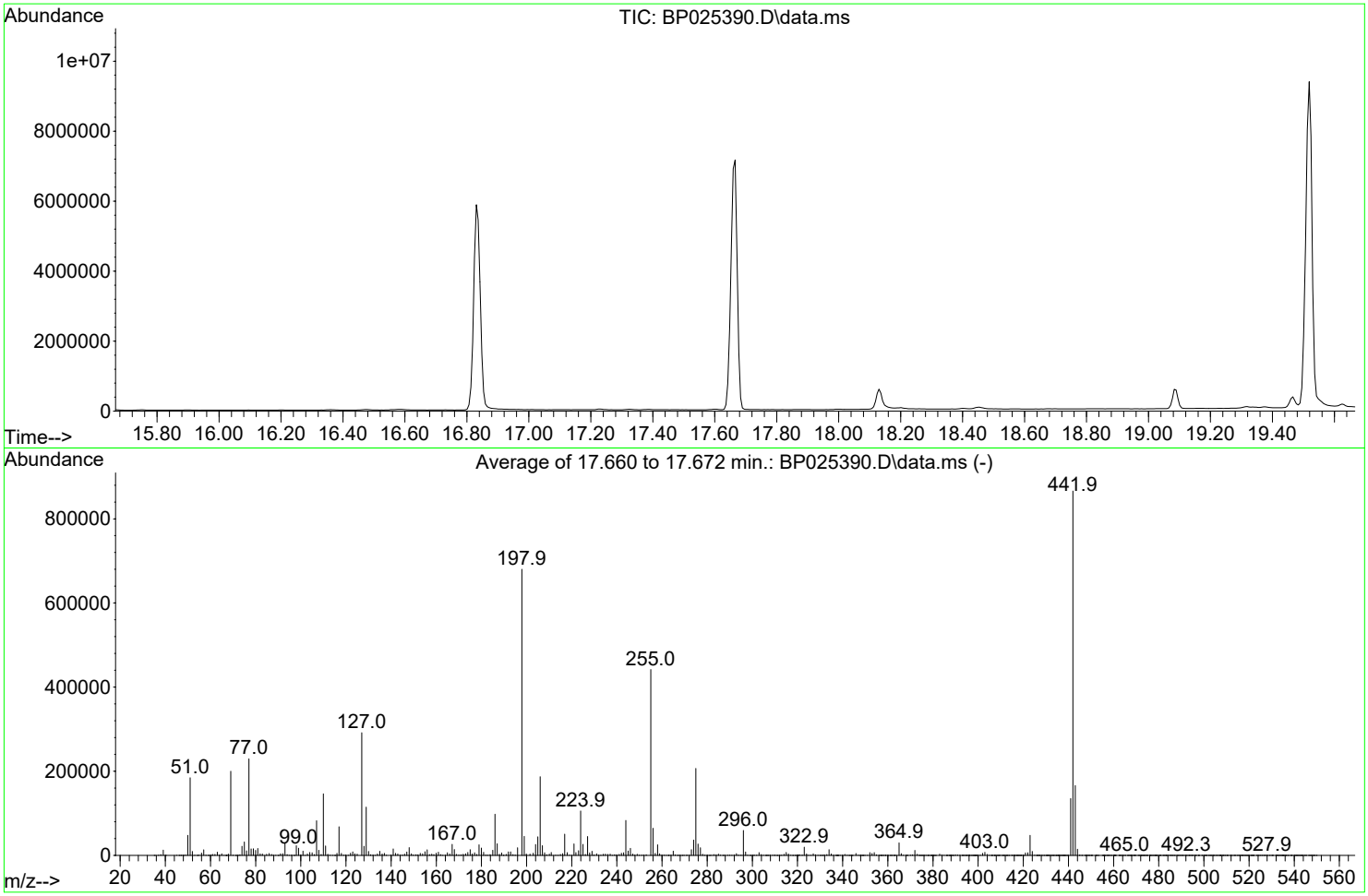
Sample Results: **BP025390.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3290	PASS
69	69	100	100	100.0	199967	PASS
70	69	0.00	2	0.4	716	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	680138	PASS
199	198	5	9	6.7	45247	PASS
365	198	1	100	4.4	29981	PASS
441	443	0.01	150	81.3	135091	PASS
442	442	100	100	100.0	866023	PASS
443	442	15	24	19.2	166133	PASS

DDT Breakdown

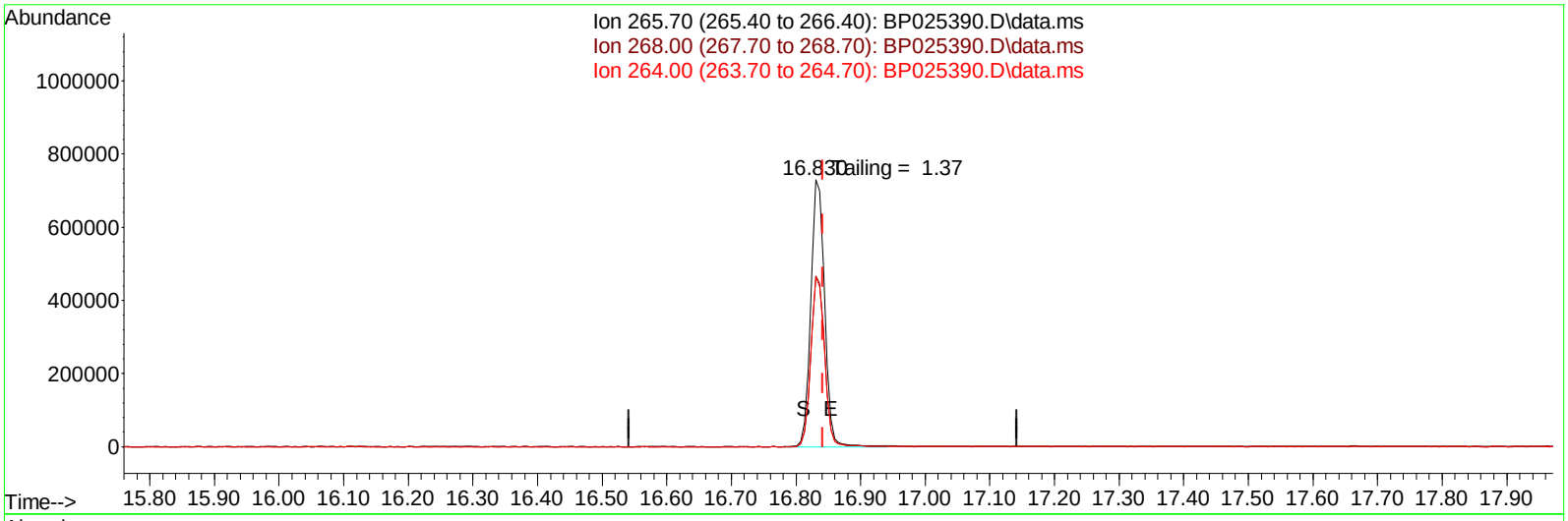
Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	BP025390.D
Compound Name	**Response**	**Retention Time**
DDT	2976098	20.818
DDD	52170	20.407
DDE	9165	19.824
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
61335	3037433	2.02

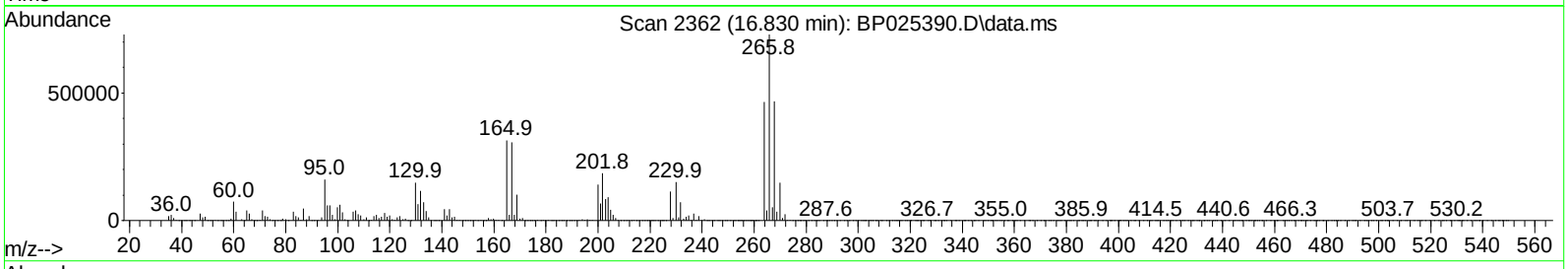
Instrument :
BNA_P
ClientSampleId :
DFTPP

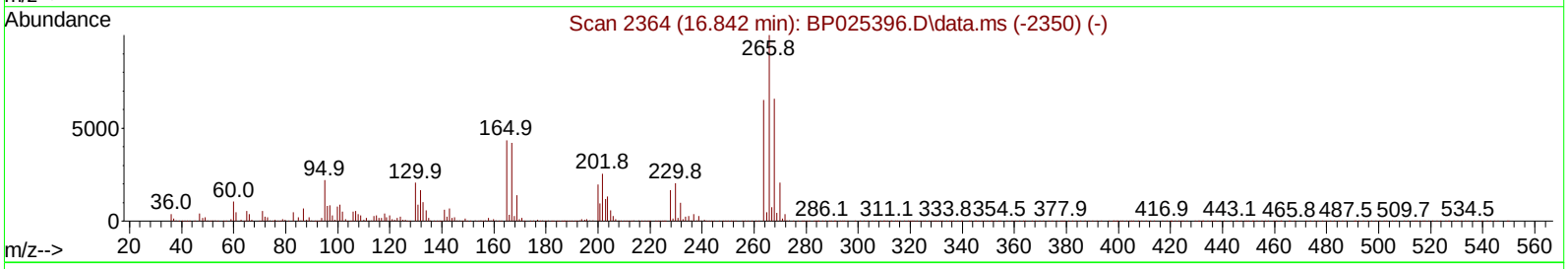
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025390.D\data.ms

(70) Pentachlorophenol (C)

16.830min (-0.012) 61985.64 ng

response 1096483

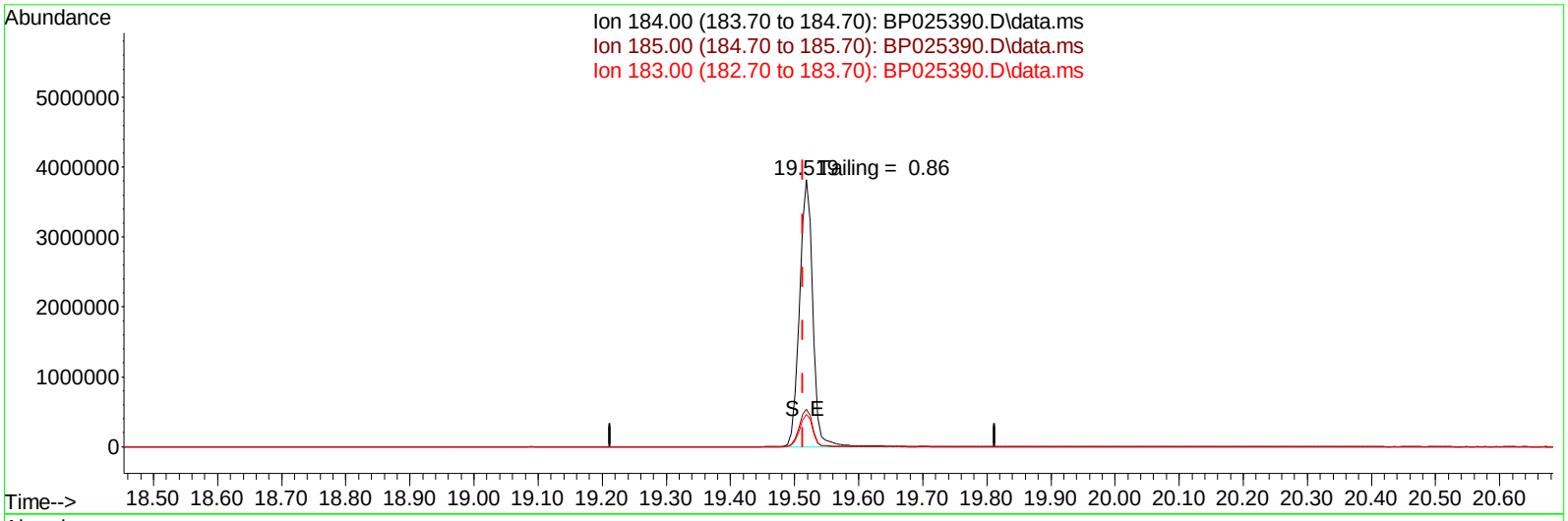
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.04
264.00	65.00	63.79
0.00	0.00	0.00

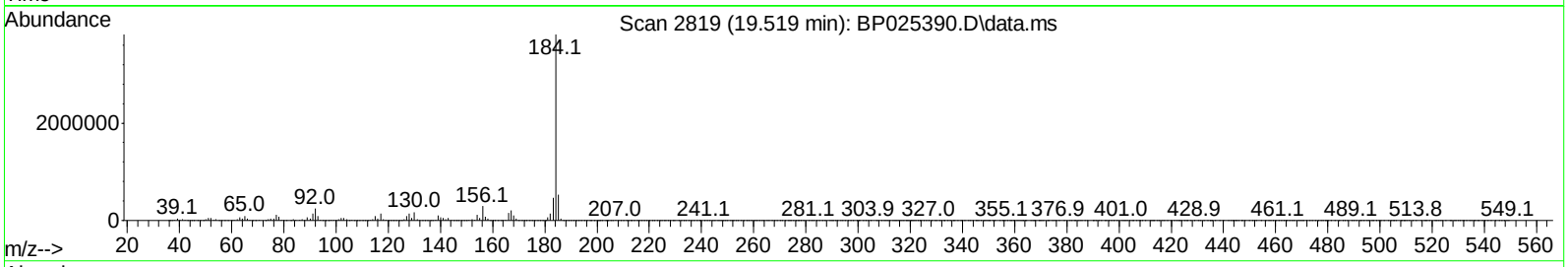
Sample Results: **BP025390.D**

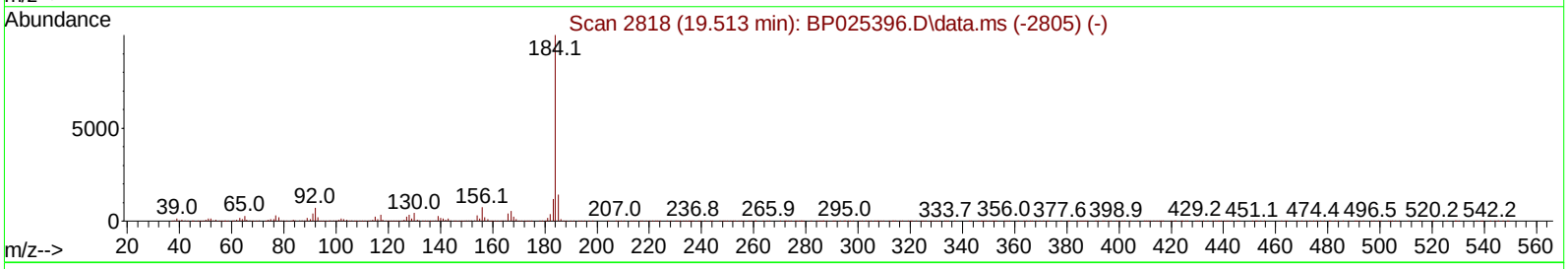
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025390.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 64482.34 ng

response 5499416

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.03
183.00	11.80	12.10
0.00	0.00	0.00

Raw Data: **BP025378.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	PB169210BL	SDG No.:	Q2818
Lab Sample ID:	PB169210BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025378.D	1	08/12/25 09:15	08/13/25 10:32	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.1	U	58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.0	U	52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Raw Data: **BP025378.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	PB169210BL	SDG No.:	Q2818
Lab Sample ID:	PB169210BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025378.D	1	08/12/25 09:15	08/13/25 10:32	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.0	U	50.0	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.2	U	51.2	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.3	U	71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.1	U	59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Raw Data: **BP025378.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	PB169210BL	SDG No.:	Q2818
Lab Sample ID:	PB169210BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025378.D	1	08/12/25 09:15	08/13/25 10:32	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	124		18 - 112	82%	SPK: 150
13127-88-3	Phenol-d6	109		15 - 107	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.3		18 - 107	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.2		20 - 109	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	156		10 - 116	104%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		10 - 105	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	189000	7.802			
1146-65-2	Naphthalene-d8	718000	10.572			
15067-26-2	Acenaphthene-d10	426000	14.413			
1517-22-2	Phenanthrene-d10	848000	17.213			
1719-03-5	Chrysene-d12	1040000	21.672			
1520-96-3	Perylene-d12	1200000	25.071			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A		4.95	ug/Kg

Raw Data: **BP025378.D**

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

Report of Analysis

Client:	Earth Engineering Inc.			Date Collected:	
Project:	Reserve Turgyan Farms			Date Received:	
Client Sample ID:	PB169210BL			SDG No.:	Q2818
Lab Sample ID:	PB169210BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025378.D	1	08/12/25 09:15	08/13/25 10:32	PB169210

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\BP081325\
Data File : BP025378.D
Acq On : 13 Aug 2025 10:32
Operator : CG/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169210BL

Quant Time: Aug 13 10:57:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

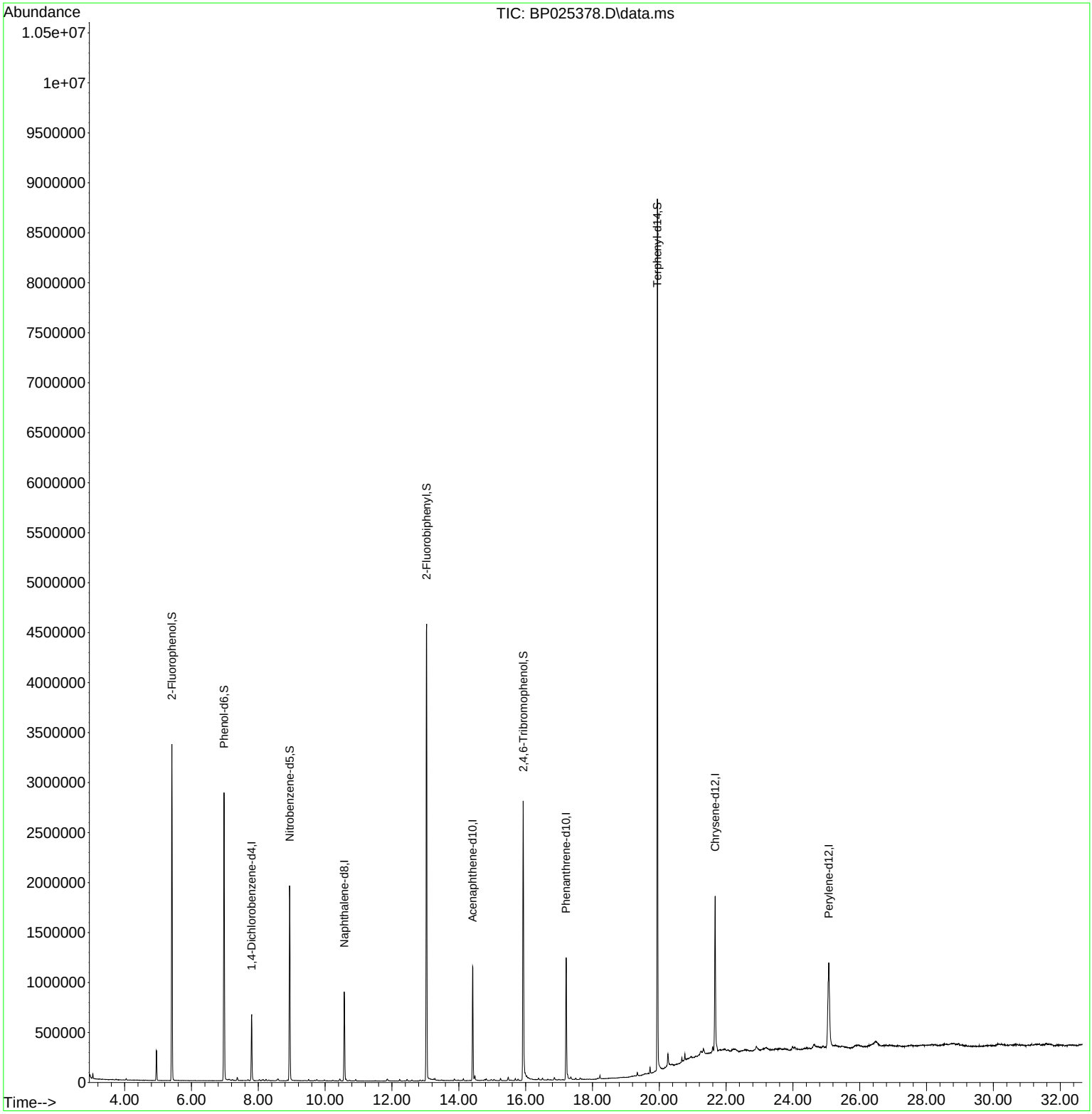
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	188983	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	717580	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	426281	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	848111	20.000	ng	-0.01
76) Chrysene-d12	21.672	240	1035402	20.000	ng	0.01
86) Perylene-d12	25.071	264	1197801	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1451749	123.553	ng	0.00
7) Phenol-d6	6.972	99	1684797	108.950	ng	0.00
23) Nitrobenzene-d5	8.937	82	1117291	86.261	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	665492	156.489	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	2537490	82.218	ng	0.00
79) Terphenyl-d14	19.942	244	4353513	79.417	ng	0.00
Target Compounds						Qvalue

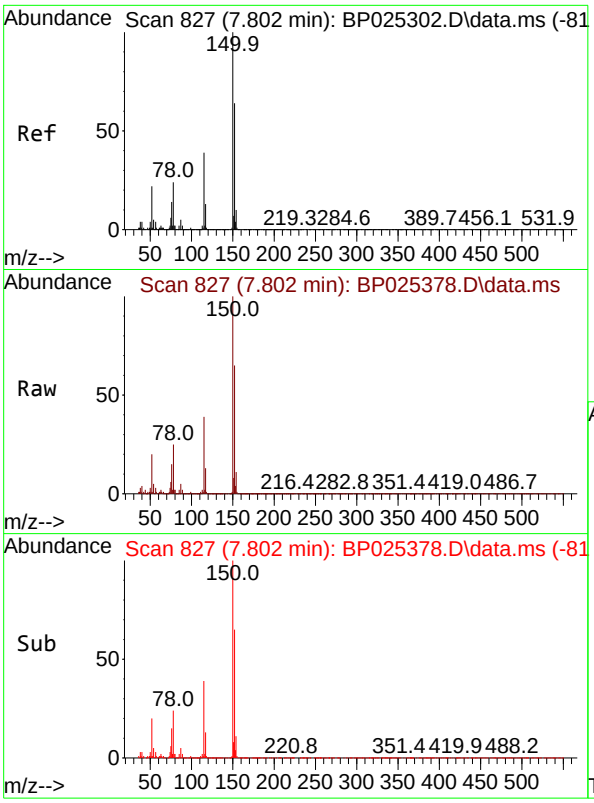
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025378.D
Acq On : 13 Aug 2025 10:32
Operator : CG/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169210BL

Quant Time: Aug 13 10:57:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration



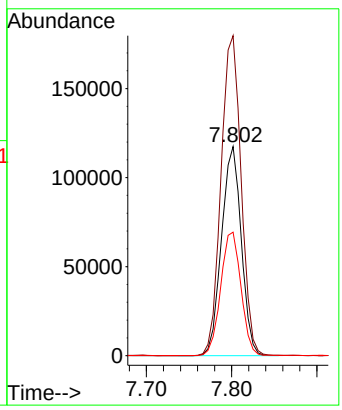


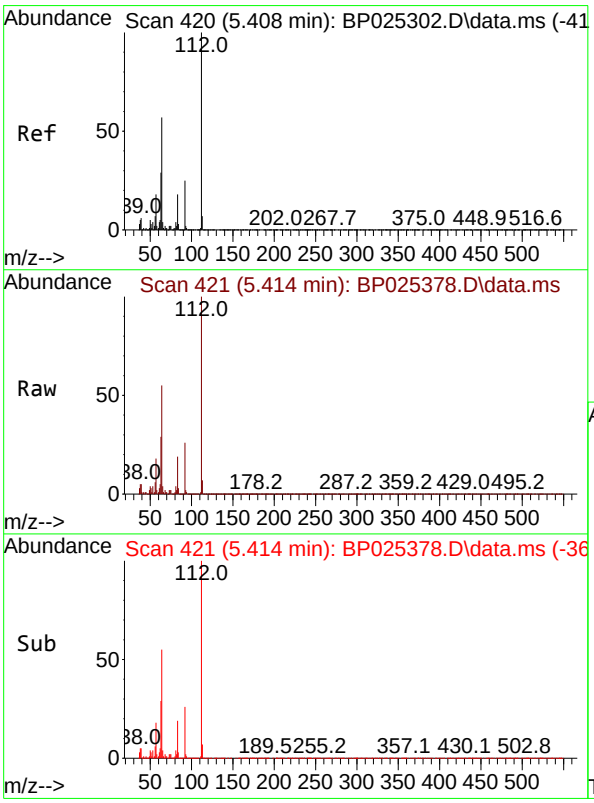
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Instrument :
BNA_P
ClientSampleId :
PB169210BL

Tgt Ion:152 Resp: 188983

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.1	187.7
115	59.1	48.4	72.6

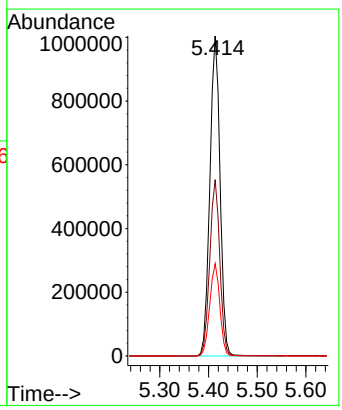


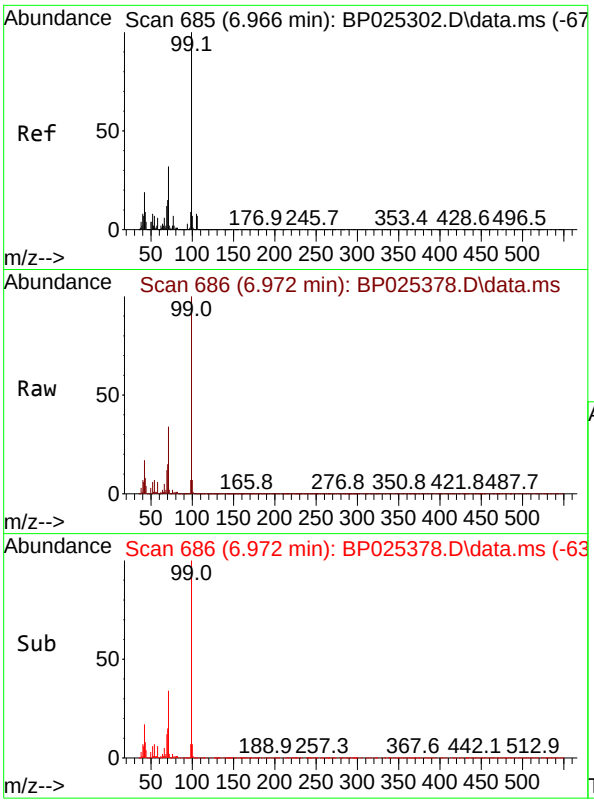


#5
2-Fluorophenol
Concen: 123.553 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Tgt Ion:112 Resp: 1451749

Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.3	67.9
63	28.9	23.0	34.6



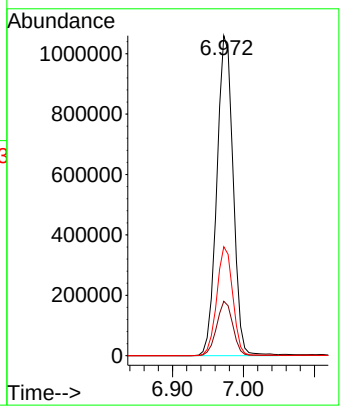


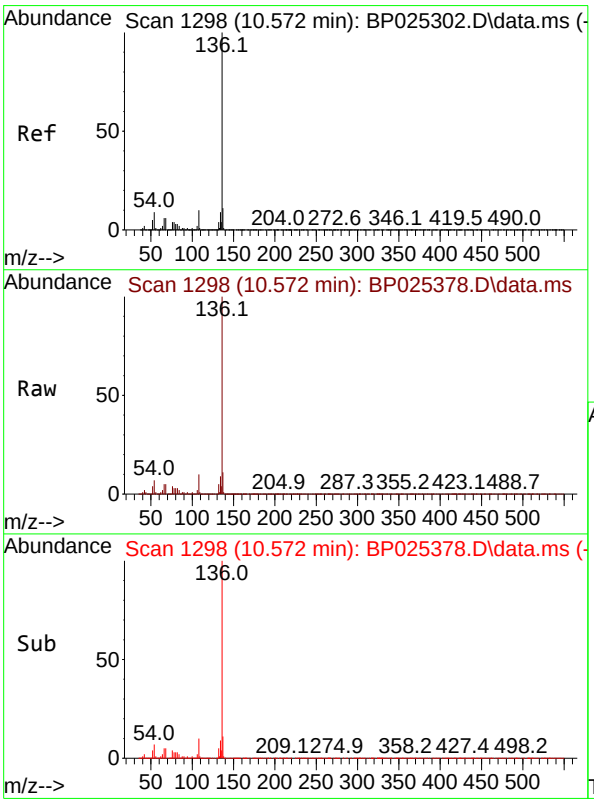
#7
Phenol-d6
Concen: 108.950 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Instrument :
BNA_P
ClientSampleId :
PB169210BL

Tgt Ion: 99 Resp: 1684797

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.0	22.6
71	34.0	25.5	38.3

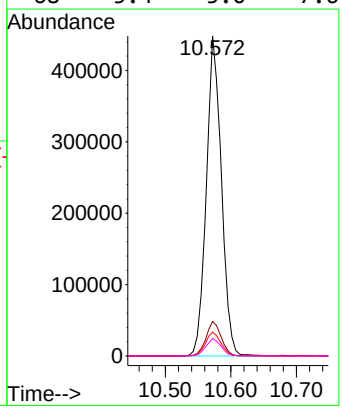


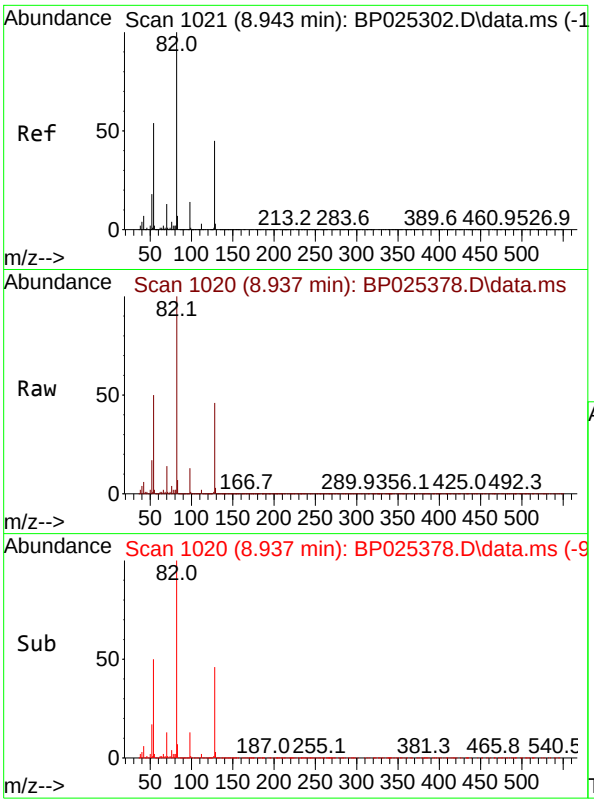


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Tgt Ion:136 Resp: 717580

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	7.0	10.6
68	5.4	5.0	7.6



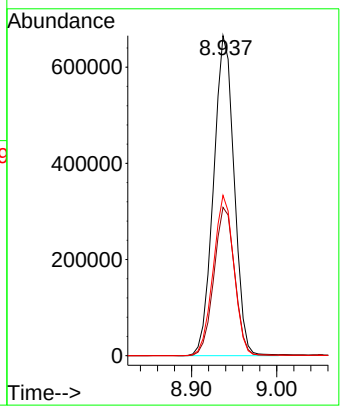


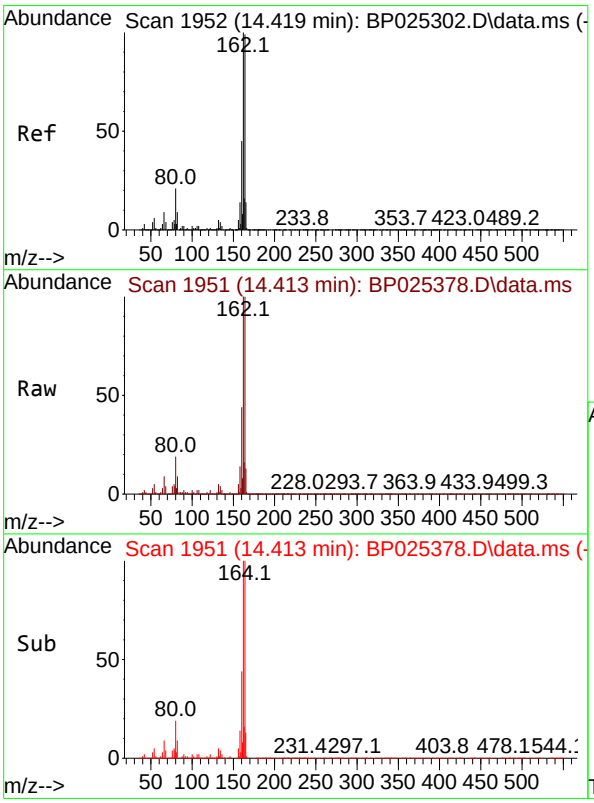
#23
Nitrobenzene-d5
Concen: 86.261 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Instrument :
BNA_P
ClientSampleId :
PB169210BL

Tgt Ion: 82 Resp: 1117291

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.4	53.2
54	50.1	42.9	64.3

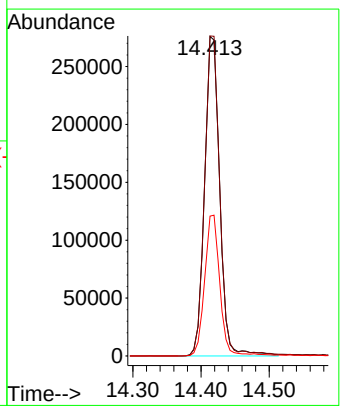


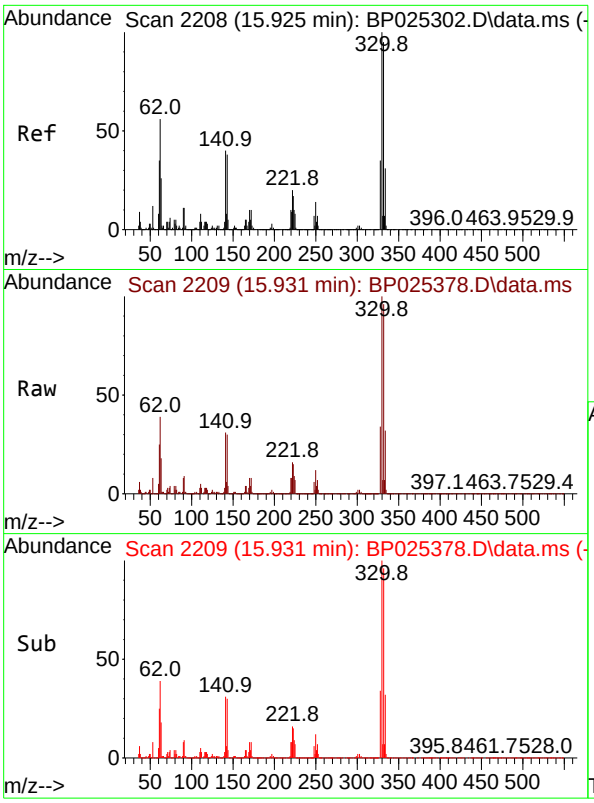


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Tgt Ion:164 Resp: 426281

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	43.8	35.9	53.9



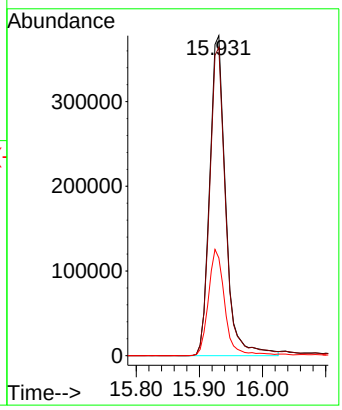


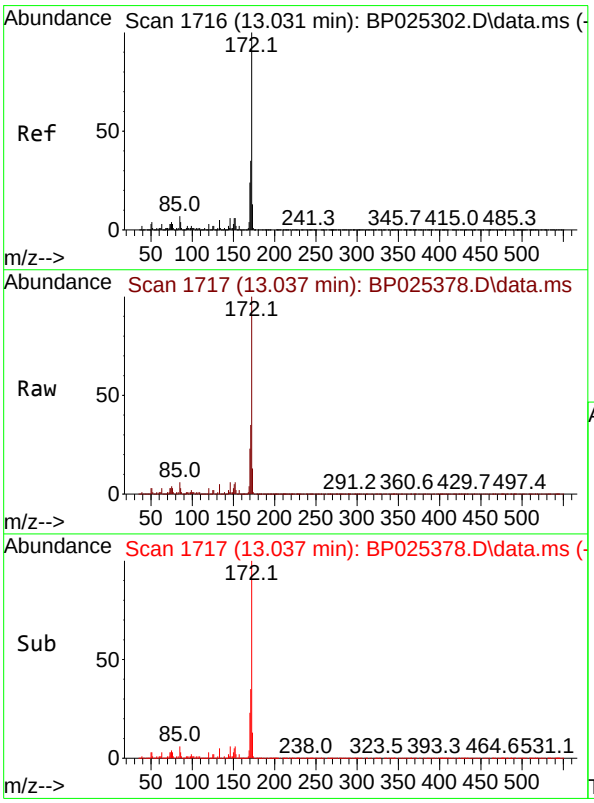
#42
2,4,6-Tribromophenol
Concen: 156.489 ng
RT: 15.931 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Instrument :
BNA_P
ClientSampleId :
PB169210BL

Tgt Ion:330 Resp: 665492

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	33.8	31.7	47.5

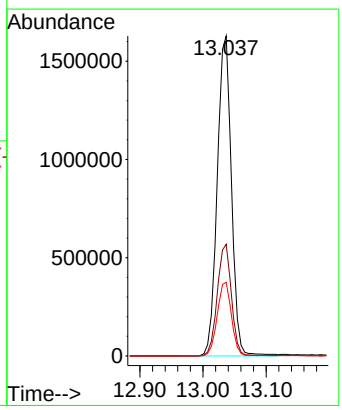


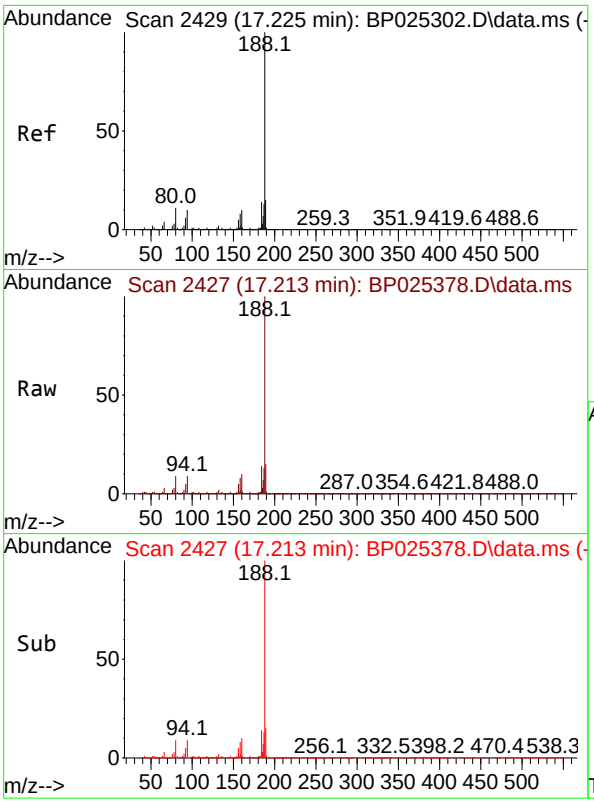


#45
2-Fluorobiphenyl
Concen: 82.218 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Tgt Ion:172 Resp: 2537490

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.0	18.9	28.3



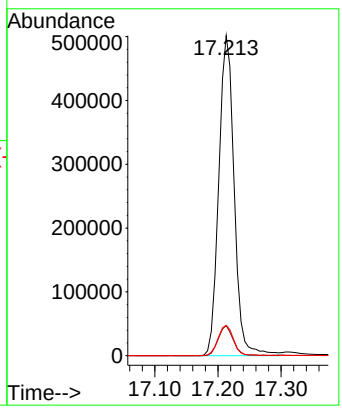


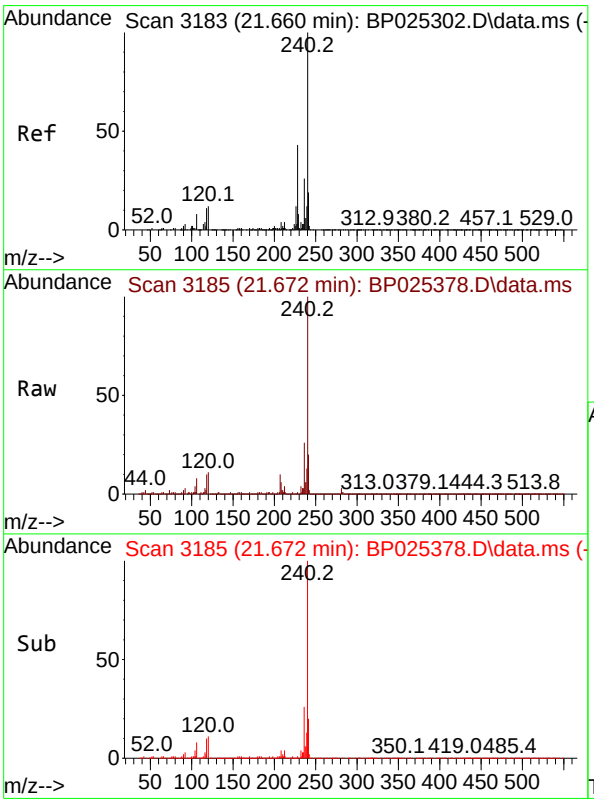
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Instrument :
BNA_P
ClientSampleId :
PB169210BL

Tgt Ion:188 Resp: 848111

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	9.5	8.5	12.7

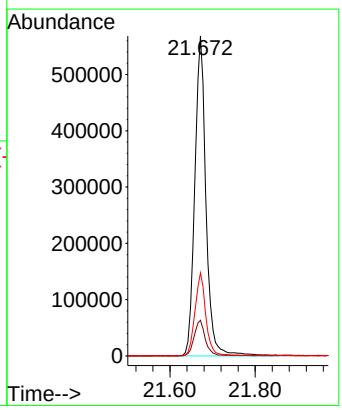


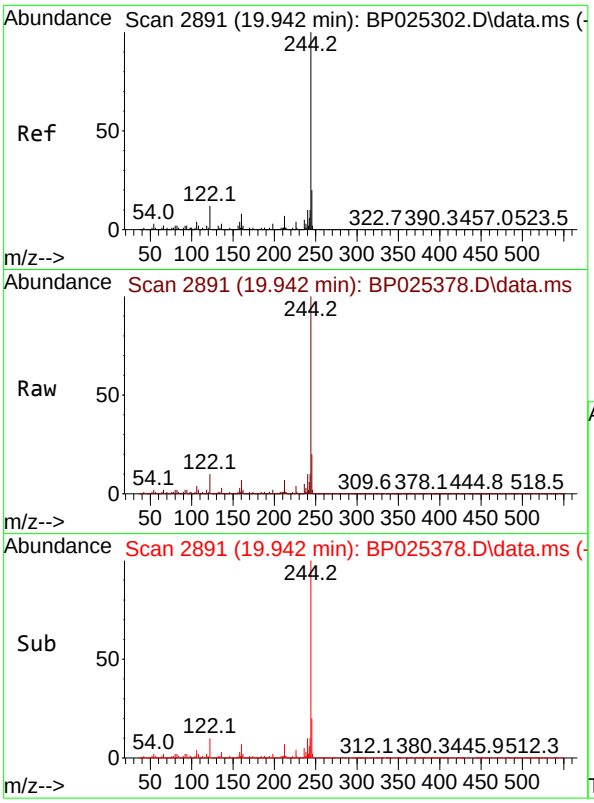


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Tgt Ion:240 Resp: 1035402

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	26.0	20.4	30.6



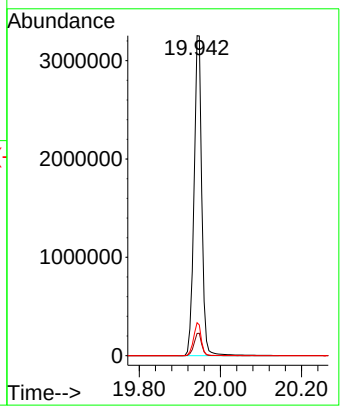


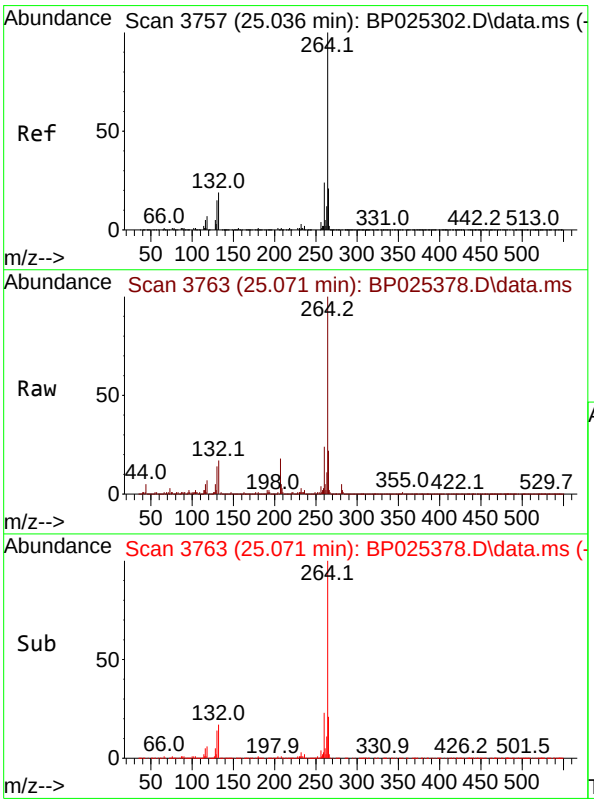
#79
Terphenyl-d14
Concen: 79.417 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Instrument :
BNA_P
ClientSampleId :
PB169210BL

Tgt Ion:244 Resp: 4353513

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.3	9.5	14.3

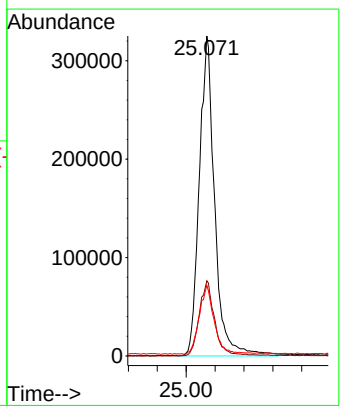




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.071 min Scan# 3763
Delta R.T. 0.035 min
Lab File: BP025378.D
Acq: 13 Aug 2025 10:32

Tgt Ion:264 Resp: 1197801

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	17.1	25.7



Sample Results: **BP025378.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025378.D
Acq On : 13 Aug 2025 10:32
Operator : CG/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169210BL

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025378.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.949	337	342	352	rVB	301513	428213	3.67%	0.868%
2	5.414	414	421	433	rBV	3365773	4844409	41.47%	9.820%
3	6.972	677	686	696	rBV	2881903	4676598	40.04%	9.480%
4	7.802	819	827	838	rBV	662272	1105279	9.46%	2.241%
5	8.937	1012	1020	1034	rBV	1950947	3302715	28.28%	6.695%
6	10.572	1290	1298	1305	rBV	892568	1440425	12.33%	2.920%
7	13.037	1708	1717	1729	rBV	4570197	7240752	61.99%	14.678%
8	14.413	1944	1951	1958	rBV	1142874	1748518	14.97%	3.544%
9	15.925	2201	2208	2224	rBV	2795569	5024115	43.01%	10.184%
10	17.213	2420	2427	2440	rBV2	1222251	2128428	18.22%	4.315%
11	19.942	2885	2891	2910	rBV	8719712	11680348	100.00%	23.677%
12	20.260	2941	2945	2955	rBV3	109234	201937	1.73%	0.409%
13	21.672	3178	3185	3197	rVB	1543332	2785450	23.85%	5.646%
14	25.071	3754	3763	3778	rVB	817157	2723821	23.32%	5.522%

Sum of corrected areas: 49331008

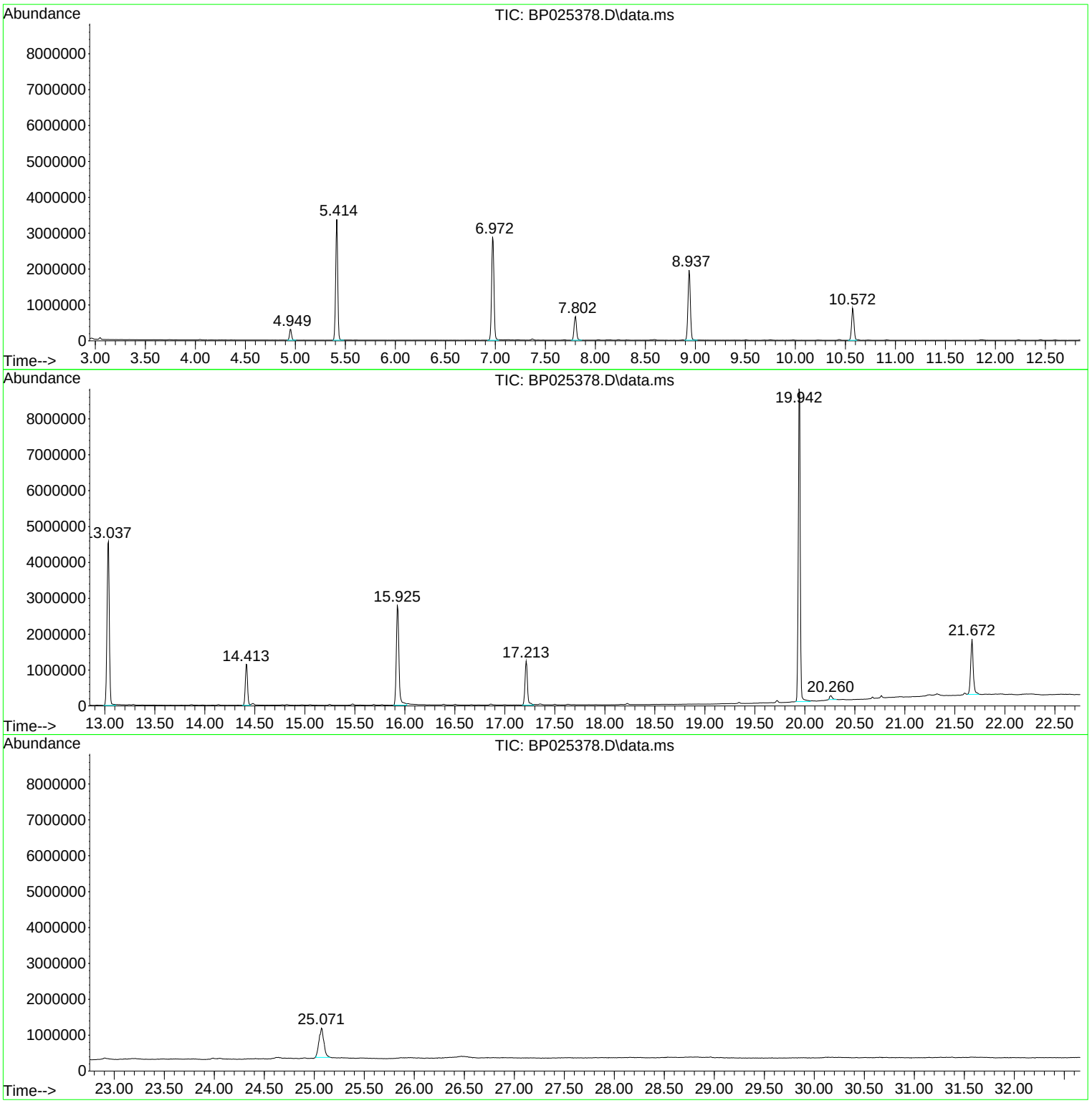
Sample Results: **BP025378.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025378.D
Acq On : 13 Aug 2025 10:32
Operator : CG/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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\BP081325\
Data File : BP025378.D
Acq On : 13 Aug 2025 10:32
Operator : CG/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169210BL

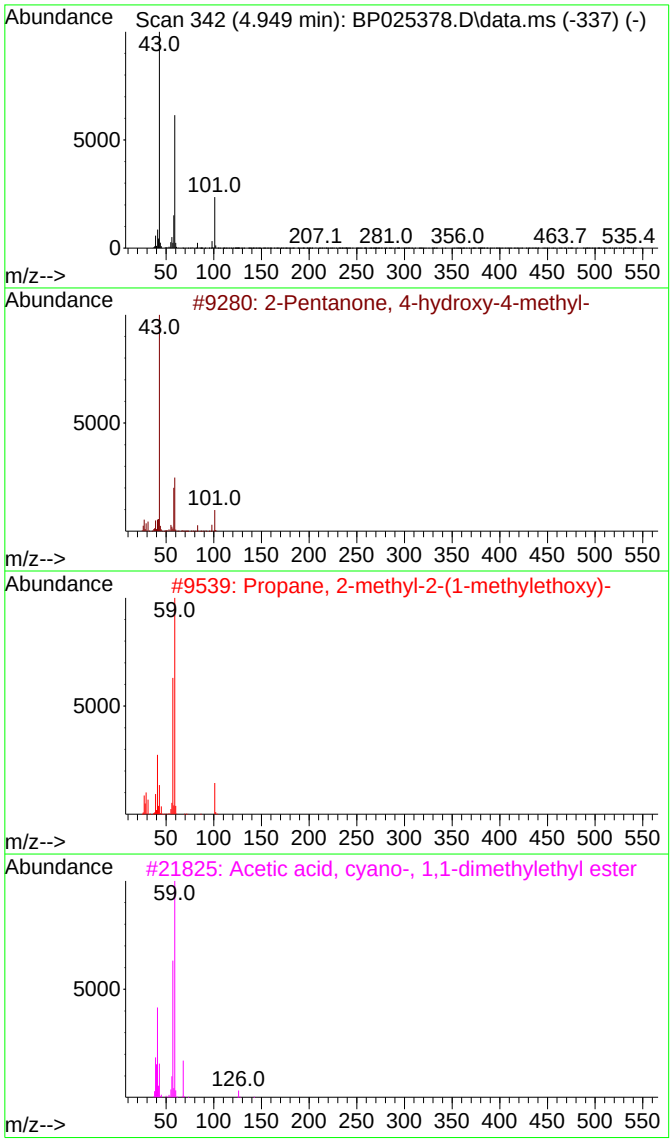
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

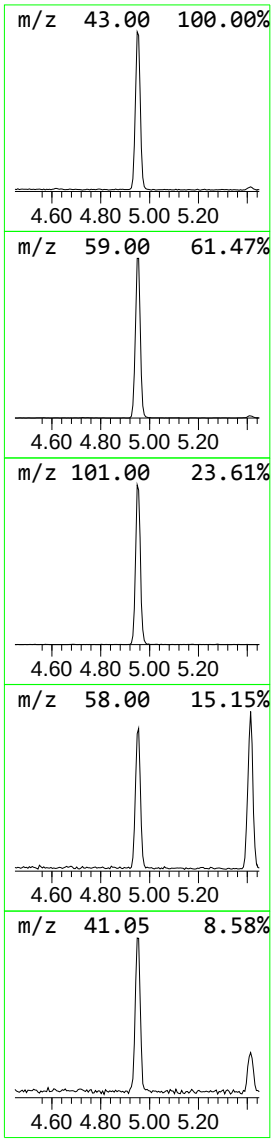
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	7.75 ng	428213	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Sample Results: **BP025378.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025378.D
Acq On : 13 Aug 2025 10:32
Operator : CG/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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-...	4.949	7.8	ng	428213	1	7.802	1105280	20.0

Raw Data: **BP025402.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	PB169210BS	SDG No.:	Q2818
Lab Sample ID:	PB169210BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1000		160	330	ug/Kg
108-95-2	Phenol	1700		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1700		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		37.5	170	ug/Kg
98-86-2	Acetophenone	1500		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	1400		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1600		27.1	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:	Earth Engineering Inc.			Date Collected:	
Project:	Reserve Turgyan Farms			Date Received:	
Client Sample ID:	PB169210BS			SDG No.:	Q2818
Lab Sample ID:	PB169210BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1500		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1600		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		25.3	170	ug/Kg
1912-24-9	Atrazine	1600		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
86-74-8	Carbazole	1600		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	170	ug/Kg
206-44-0	Fluoranthene	1600		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		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:	Earth Engineering Inc.			Date Collected:	
Project:	Reserve Turgyan Farms			Date Received:	
Client Sample ID:	PB169210BS			SDG No.:	Q2818
Lab Sample ID:	PB169210BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		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	1500		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1400		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	136		18 - 112	91%	SPK: 150
13127-88-3	Phenol-d6	138		15 - 107	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.6		18 - 107	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		20 - 109	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		10 - 116	92%	SPK: 150
1718-51-0	Terphenyl-d14	83.1		10 - 105	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	156000	7.79			
1146-65-2	Naphthalene-d8	651000	10.56			
15067-26-2	Acenaphthene-d10	436000	14.413			
1517-22-2	Phenanthrene-d10	896000	17.201			
1719-03-5	Chrysene-d12	938000	21.648			
1520-96-3	Perylene-d12	1020000	25.018			

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: **BP025402.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025402.D
Acq On : 14 Aug 2025 20:10
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 01:37:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	156059	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	650560	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	435539	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	895607	20.000	ng	0.00
76) Chrysene-d12	21.648	240	937531	20.000	ng	0.00
86) Perylene-d12	25.018	264	1016818	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1280798	136.296	ng	0.00
7) Phenol-d6	6.972	99	1664968	138.195	ng	0.00
23) Nitrobenzene-d5	8.937	82	1023164	79.558	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	807504	137.743	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2538853	79.667	ng	0.00
79) Terphenyl-d14	19.942	244	4256352	83.062	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	150326	40.840	ng	99
3) Pyridine	3.725	79	377128	37.433	ng	98
4) n-Nitrosodimethylamine	3.631	42	183326	44.137	ng	97
6) Aniline	7.125	93	680651	41.931	ng	98
8) 2-Chlorophenol	7.366	128	518221	48.869	ng	99
9) Benzaldehyde	6.937	77	256830	30.427	ng	98
10) Phenol	6.996	94	629374	49.784	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	437105	44.360	ng	100
12) 1,3-Dichlorobenzene	7.684	146	509681	43.589	ng	100
13) 1,4-Dichlorobenzene	7.825	146	520662	43.564	ng	99
14) 1,2-Dichlorobenzene	8.143	146	502978	43.476	ng	97
15) Benzyl Alcohol	8.025	79	446566	46.649	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	580366	43.968	ng	98
17) 2-Methylphenol	8.225	107	435851	49.640	ng	99
18) Hexachloroethane	8.866	117	192819	43.879	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	349179	43.755	ng	97
20) 3+4-Methylphenols	8.549	107	601995	49.463	ng	98
22) Acetophenone	8.602	105	715431	43.852	ng	99
24) Nitrobenzene	8.978	77	512825	44.618	ng	99
25) Isophorone	9.502	82	1003541	44.092	ng	99
26) 2-Nitrophenol	9.678	139	274616	46.556	ng	99
27) 2,4-Dimethylphenol	9.743	122	502601	49.547	ng	99
28) bis(2-Chloroethoxy)met...	9.978	93	622573	45.252	ng	98
29) 2,4-Dichlorophenol	10.213	162	505992	50.213	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	484724	43.881	ng	99
31) Naphthalene	10.613	128	1505392	44.521	ng	99
32) Benzoic acid	9.884	122	383103	51.155	ng	97
33) 4-Chloroaniline	10.713	127	624236	41.794	ng	99
34) Hexachlorobutadiene	10.901	225	298042	43.323	ng	98
35) Caprolactam	11.496	113	181569	49.139	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	582706	50.394	ng	98
37) 2-Methylnaphthalene	12.219	142	1004265	45.639	ng	99
38) 1-Methylnaphthalene	12.443	142	1051392	44.929	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	564099	44.845	ng	99
41) Hexachlorocyclopentadiene	12.578	237	716635	94.317	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	420901	49.564	ng	98

Sample Results: **BP025402.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025402.D
Acq On : 14 Aug 2025 20:10
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 01:37:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	468666	50.356	ng	98
46) 1,1'-Biphenyl	13.231	154	1476847	46.689	ng	100
47) 2-Chloronaphthalene	13.272	162	1146132	46.544	ng	99
48) 2-Nitroaniline	13.472	65	355089	49.489	ng	96
49) Acenaphthylene	14.131	152	1910326	46.883	ng	100
50) Dimethylphthalate	13.860	163	1540919	48.314	ng	99
51) 2,6-Dinitrotoluene	13.978	165	335519	49.911	ng	98
52) Acenaphthene	14.478	154	1132105	47.334	ng	100
53) 3-Nitroaniline	14.307	138	331713	43.858	ng	97
54) 2,4-Dinitrophenol	14.513	184	401585	111.865	ng	97
55) Dibenzofuran	14.813	168	1757203	46.470	ng	100
56) 4-Nitrophenol	14.625	139	648186	104.294	ng	98
57) 2,4-Dinitrotoluene	14.766	165	491249	51.219	ng	100
58) Fluorene	15.472	166	1388189	46.525	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.042	232	408762	49.740	ng	99
60) Diethylphthalate	15.248	149	1563135	48.233	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	683735	46.075	ng	98
62) 4-Nitroaniline	15.489	138	380486	49.072	ng	99
63) Azobenzene	15.772	77	1343333	48.409	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	277954	49.788	ng	95
66) n-Nitrosodiphenylamine	15.689	169	1290834	47.265	ng	99
67) 4-Bromophenyl-phenylether	16.384	248	460600	46.761	ng	96
68) Hexachlorobenzene	16.501	284	531682	46.564	ng	98
69) Atrazine	16.660	200	492822	48.184	ng	97
70) Pentachlorophenol	16.848	266	700841	97.234	ng	99
71) Phenanthrene	17.248	178	2335980	47.481	ng	100
72) Anthracene	17.348	178	2338590	46.547	ng	99
73) Carbazole	17.619	167	2254500	47.640	ng	99
74) Di-n-butylphthalate	18.219	149	2850461	48.957	ng	100
75) Fluoranthene	19.336	202	2769236	47.188	ng	99
77) Benzidine	19.525	184	2034719	63.593	ng	99
78) Pyrene	19.713	202	2848697	46.748	ng	99
80) Butylbenzylphthalate	20.666	149	1350312	48.894	ng	99
81) Benzo(a)anthracene	21.630	228	2905027	46.984	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	936735	40.194	ng	99
83) Chrysene	21.695	228	2733737	47.211	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1973001	48.532	ng	100
85) Di-n-octyl phthalate	22.877	149	3308927	47.320	ng	100
87) Indeno(1,2,3-cd)pyrene	28.848	276	3596116m	48.225	ng	
88) Benzo(b)fluoranthene	23.971	252	2918542	48.676	ng	99
89) Benzo(k)fluoranthene	24.042	252	2967349	49.456	ng	100
90) Benzo(a)pyrene	24.871	252	2854031	48.899	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	2946612	48.354	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2879368	48.068	ng	99

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

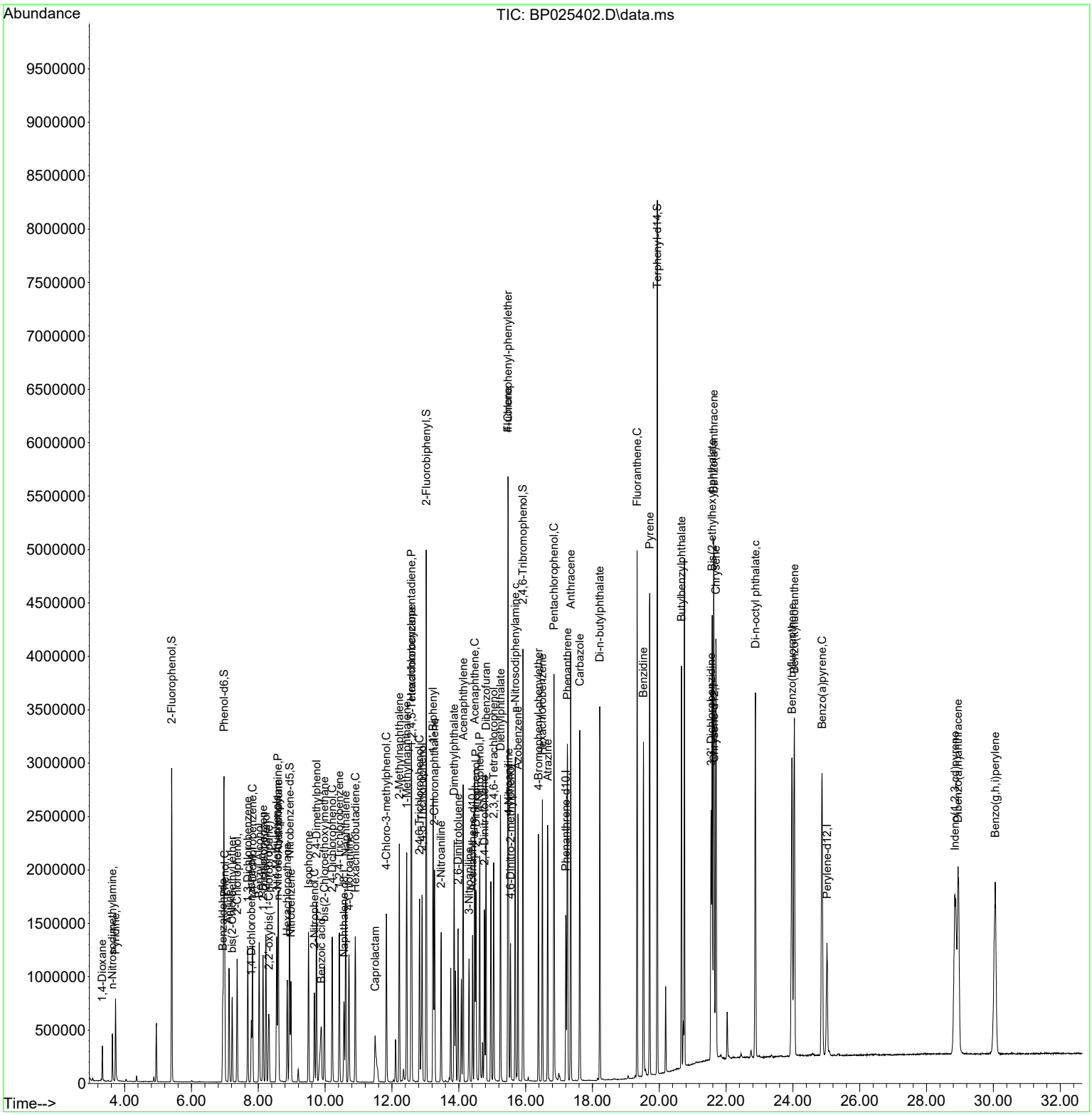
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025402.D
Acq On : 14 Aug 2025 20:10
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

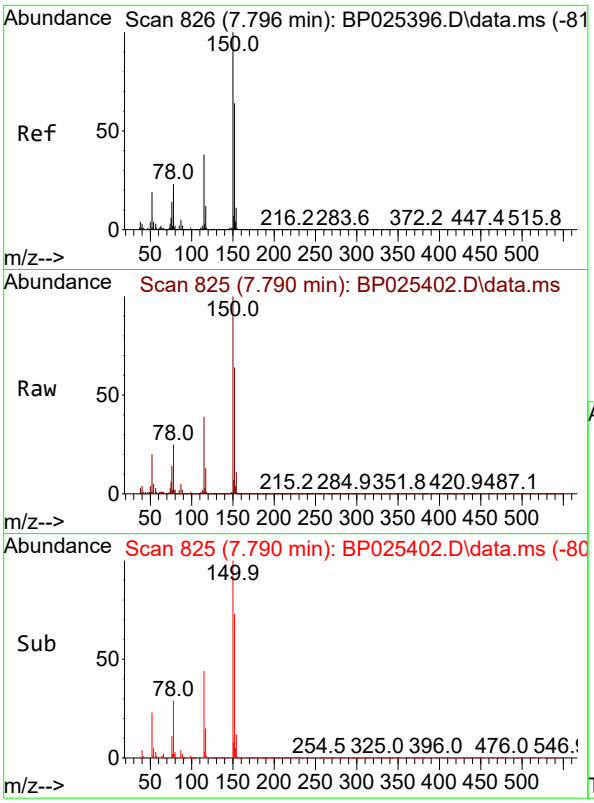
Quant Time: Aug 15 01:37:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

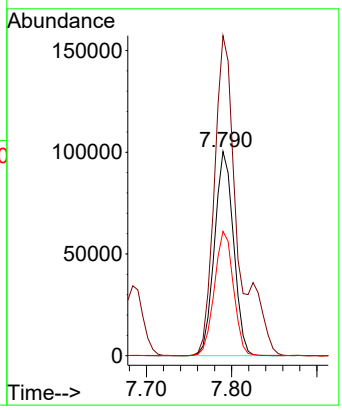




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:152 Resp: 15605

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.9	188.9
115	60.9	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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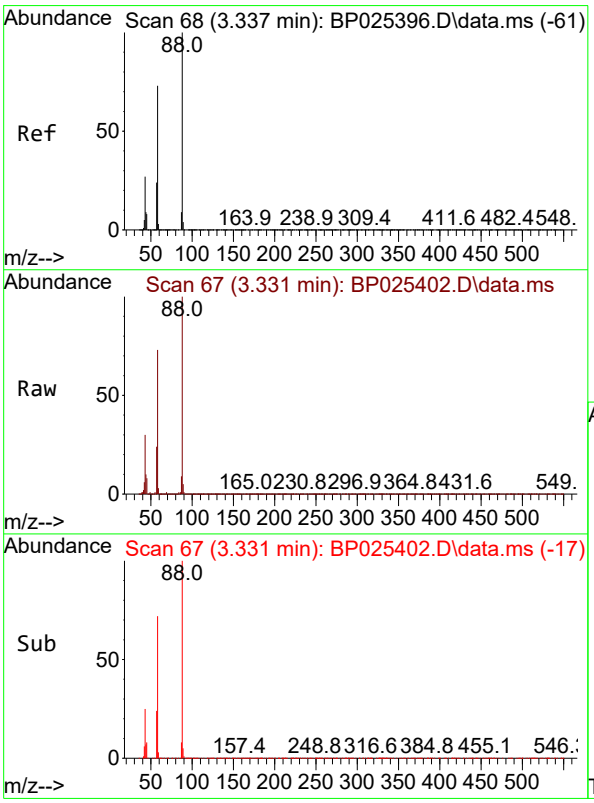
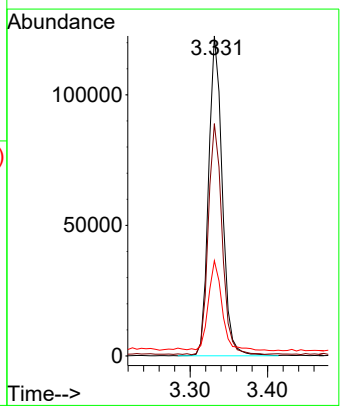
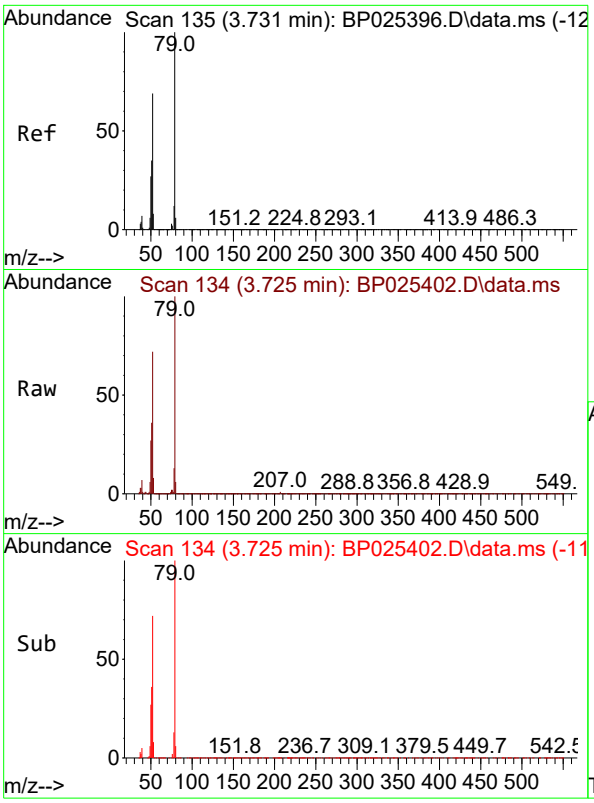


#2
1,4-Dioxane
Concen: 40.840 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 88 Resp: 150326

Ion	Ratio	Lower	Upper
88	100		
58	73.0	59.2	88.8
43	28.2	21.7	32.5

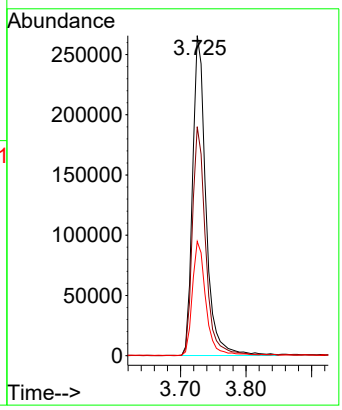




#3
Pyridine
Concen: 37.433 ng
RT: 3.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 79 Resp: 37712

Ion	Ratio	Lower	Upper
79	100		
52	71.5	55.5	83.3
51	35.7	28.3	42.5



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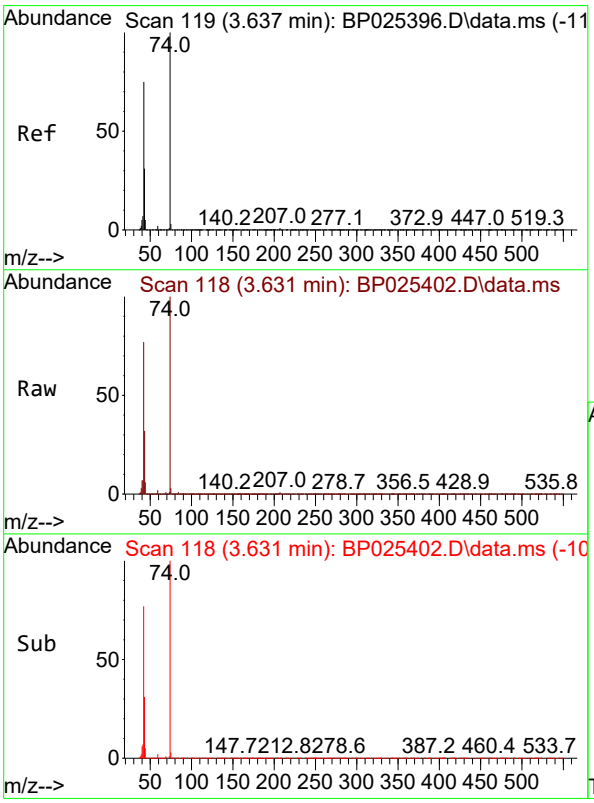
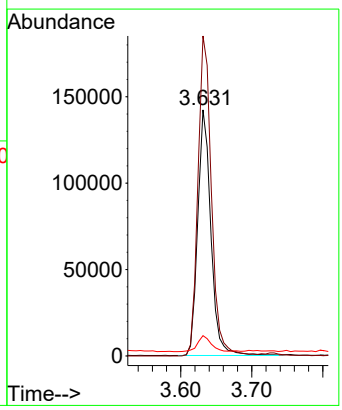
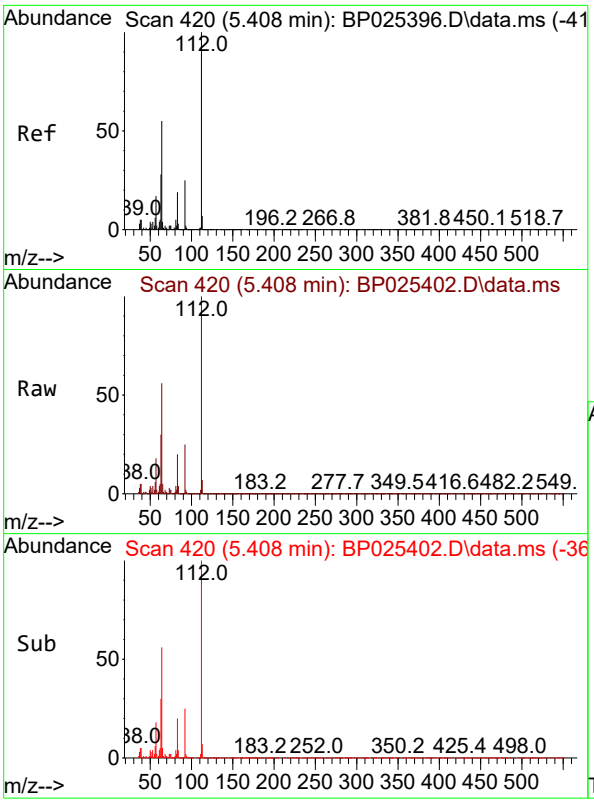


#4
n-Nitrosodimethylamine
Concen: 44.137 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 42 Resp: 183326

Ion	Ratio	Lower	Upper
42	100		
74	130.0	107.0	160.4
44	8.3	6.2	9.4

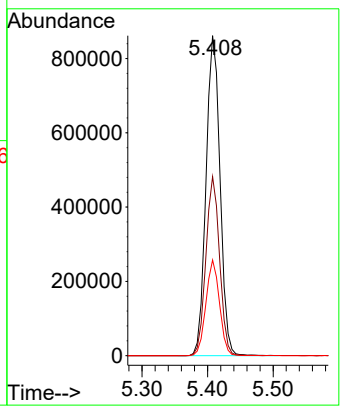




#5
2-Fluorophenol
Concen: 136.296 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:112 Resp: 128079

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.8	65.8
63	29.9	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
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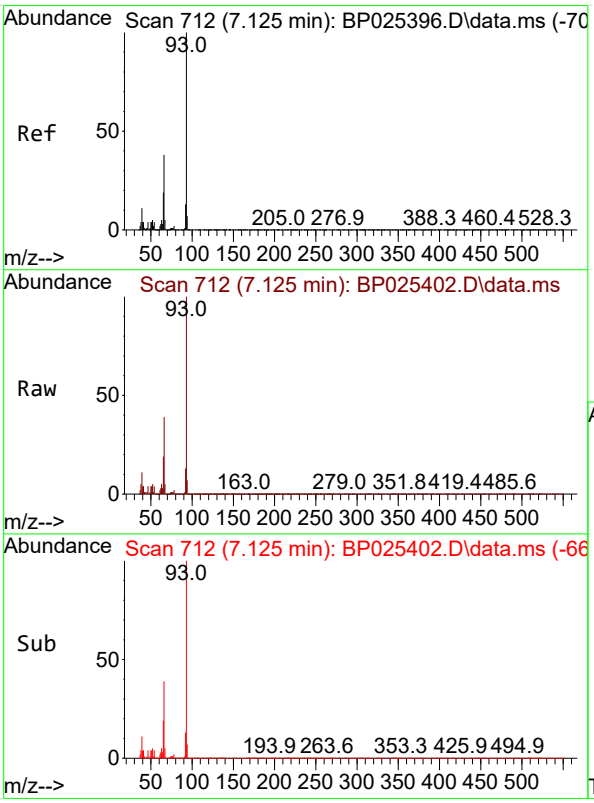
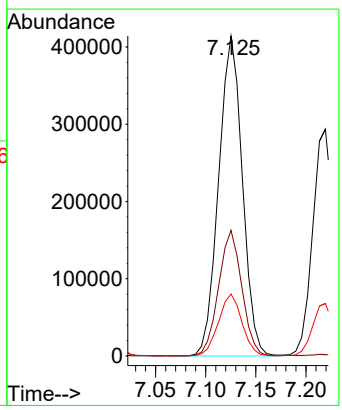
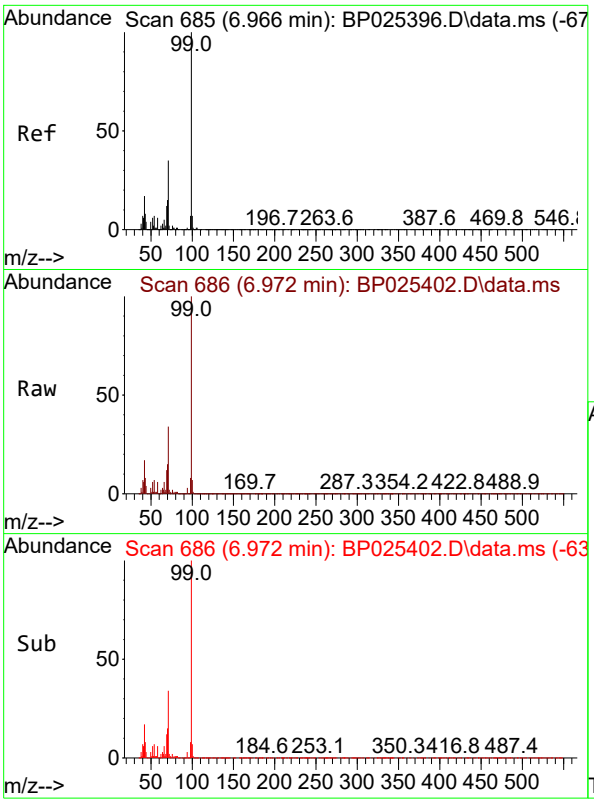


#6
Aniline
Concen: 41.931 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 93 Resp: 680651

Ion	Ratio	Lower	Upper
93	100		
66	39.2	30.4	45.6
65	19.4	15.3	22.9

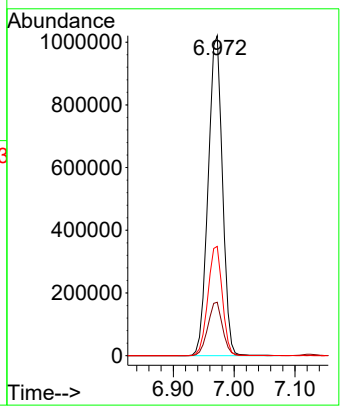




#7
Phenol-d6
Concen: 138.195 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 99 Resp: 166496

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.7	20.5
71	34.1	28.2	42.4



Instrument :
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ClientSampleId :
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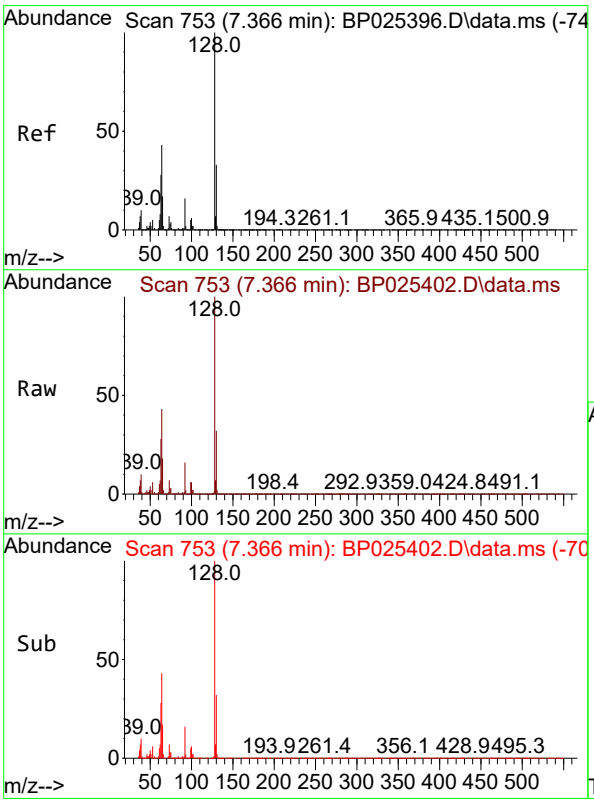
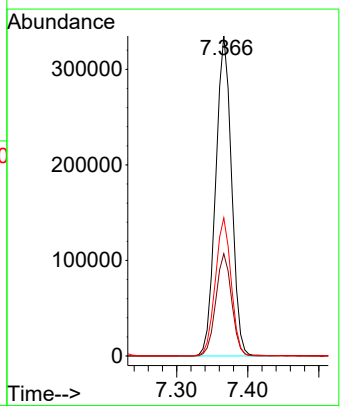
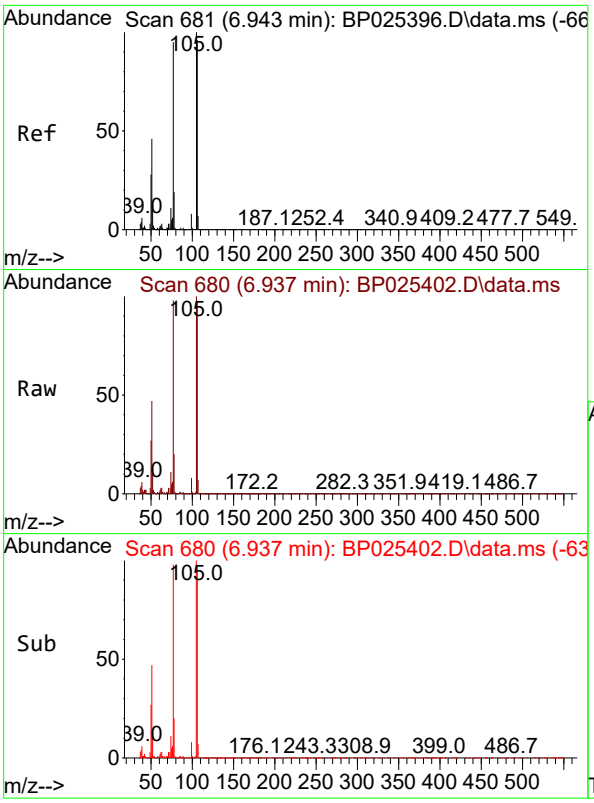


#8
2-Chlorophenol
Concen: 48.869 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:128 Resp: 518221

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	43.1	23.4	63.4

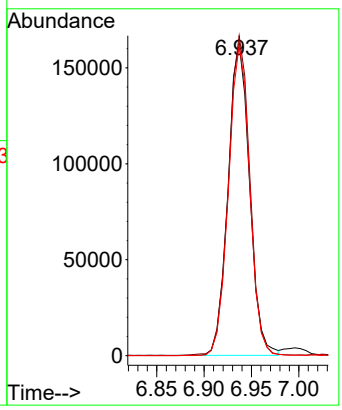




#9
Benzaldehyde
Concen: 30.427 ng
RT: 6.937 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 77 Resp: 25683

Ion	Ratio	Lower	Upper
77	100		
105	102.4	84.8	124.8
106	99.4	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
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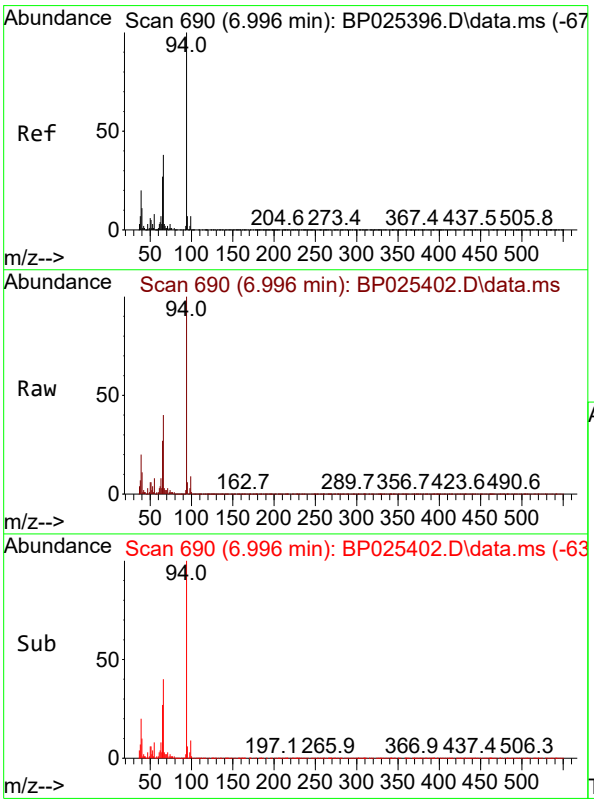
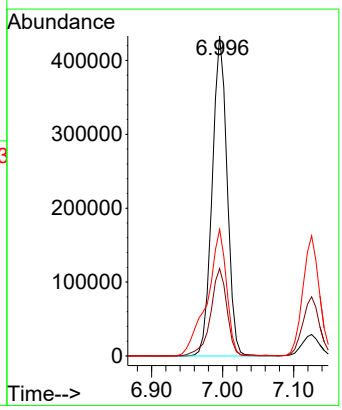
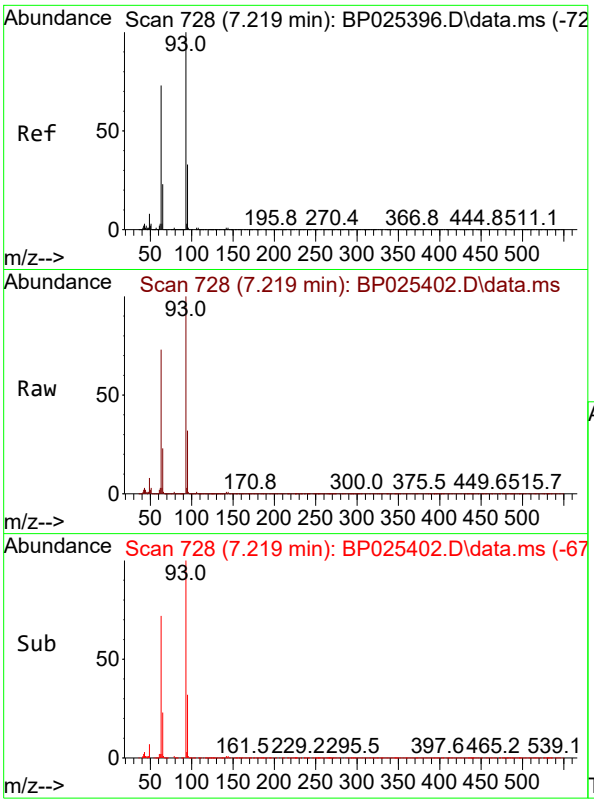


#10
Phenol
Concen: 49.784 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 94 Resp: 629374

Ion	Ratio	Lower	Upper
94	100		
65	27.3	6.8	46.8
66	39.6	18.2	58.2

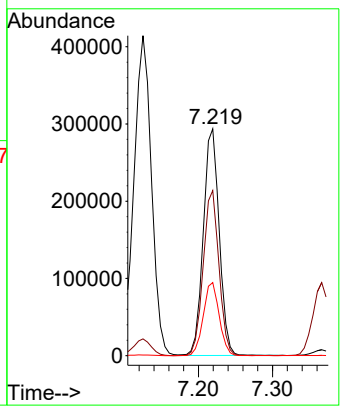




#11
bis(2-Chloroethyl)ether
Concen: 44.360 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 93 Resp: 43710

Ion	Ratio	Lower	Upper
93	100		
63	72.8	52.6	92.6
95	32.2	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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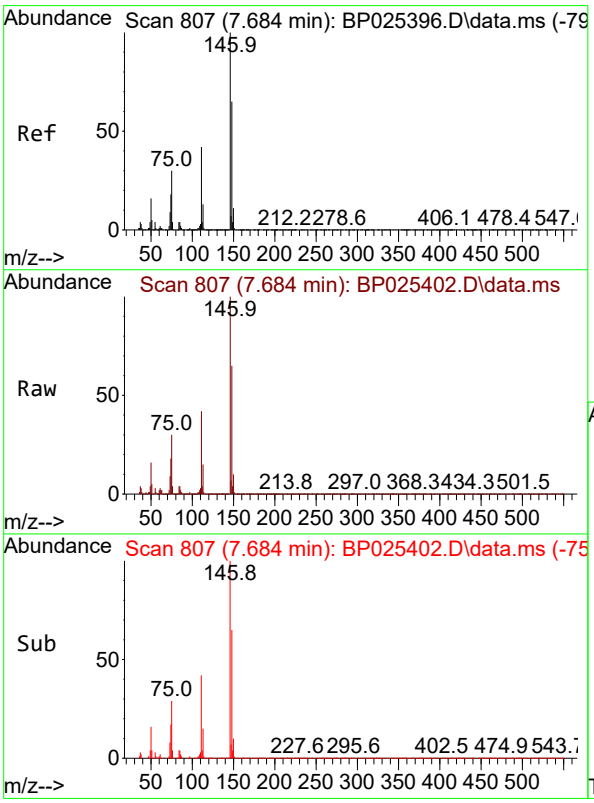
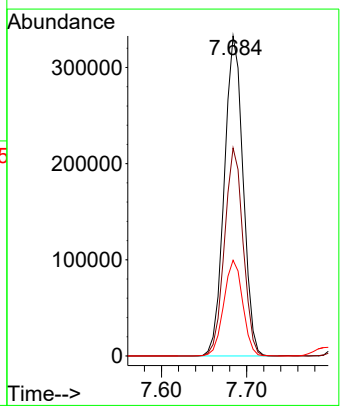
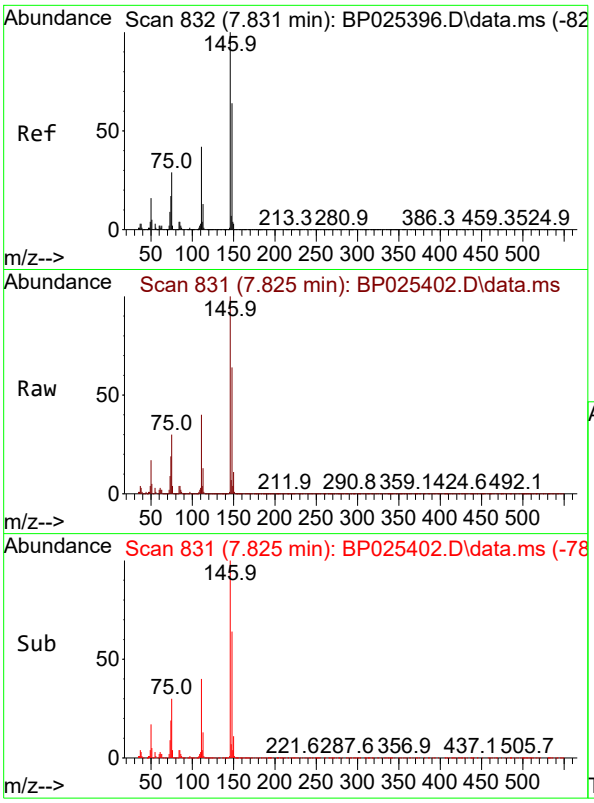


#12
1,3-Dichlorobenzene
Concen: 43.589 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:146 Resp: 509681

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
75	29.9	23.7	35.5

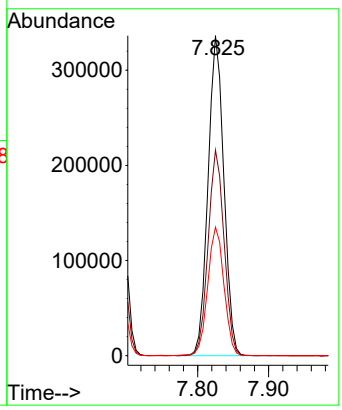




#13
1,4-Dichlorobenzene
Concen: 43.564 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:146 Resp: 52066

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	40.2	33.4	50.0



Instrument :
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ClientSampleId :
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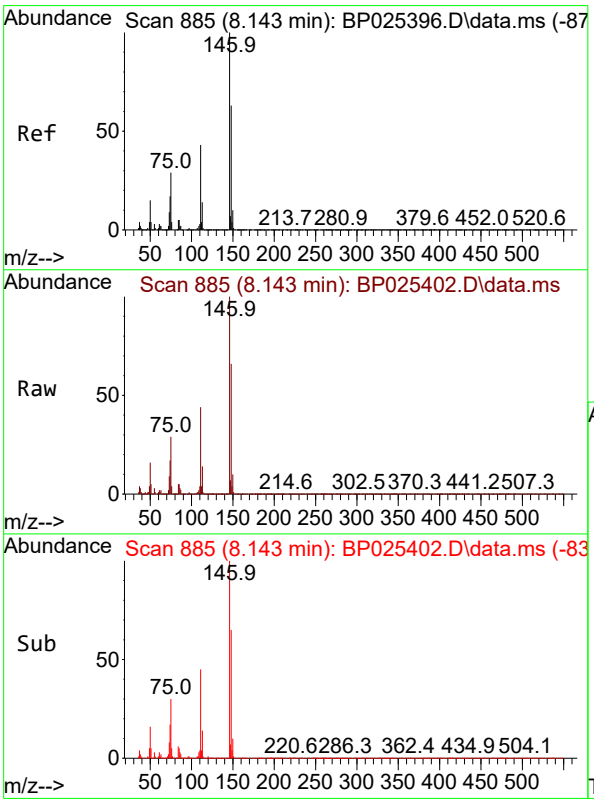
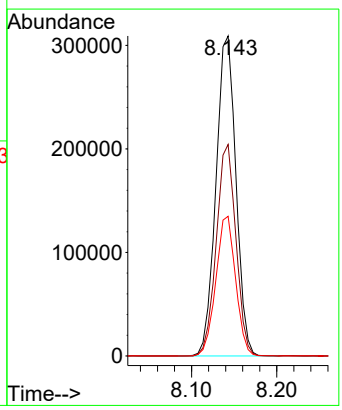
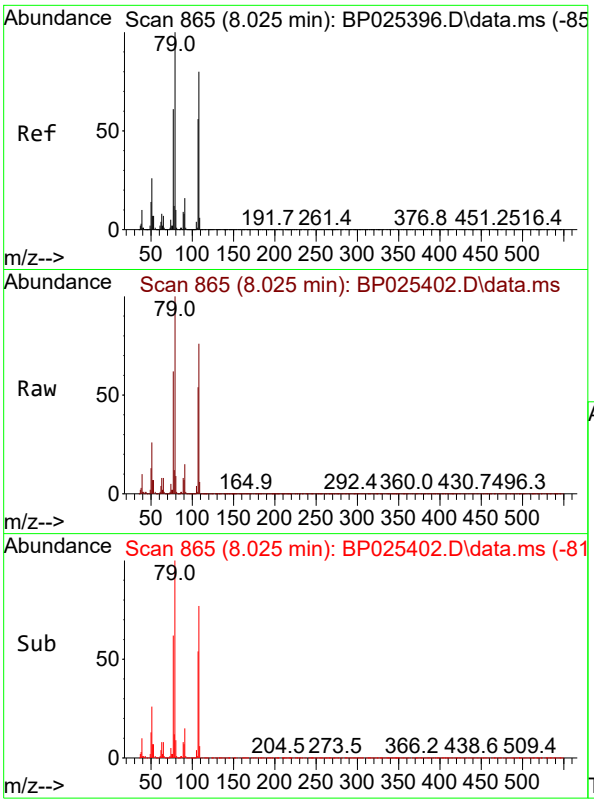


#14
1,2-Dichlorobenzene
Concen: 43.476 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:146 Resp: 502978

Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.4	75.6
111	43.6	34.5	51.7

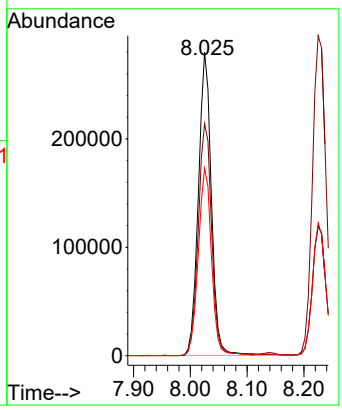




#15
Benzyl Alcohol
Concen: 46.649 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 79 Resp: 44656

Ion	Ratio	Lower	Upper
79	100		
108	76.5	63.8	95.6
77	61.7	49.0	73.4



Instrument :
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ClientSampleId :
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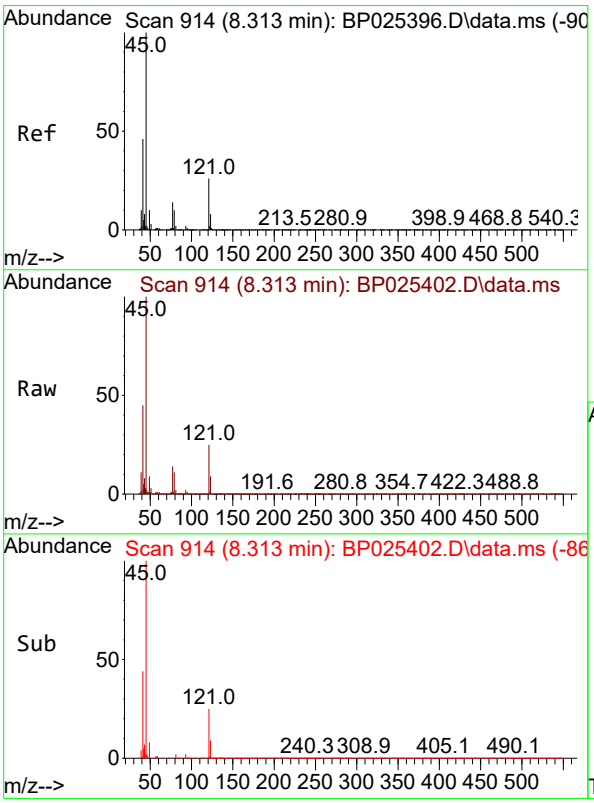
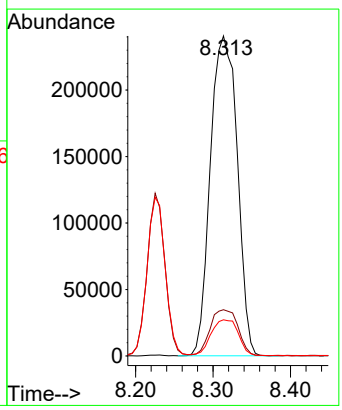
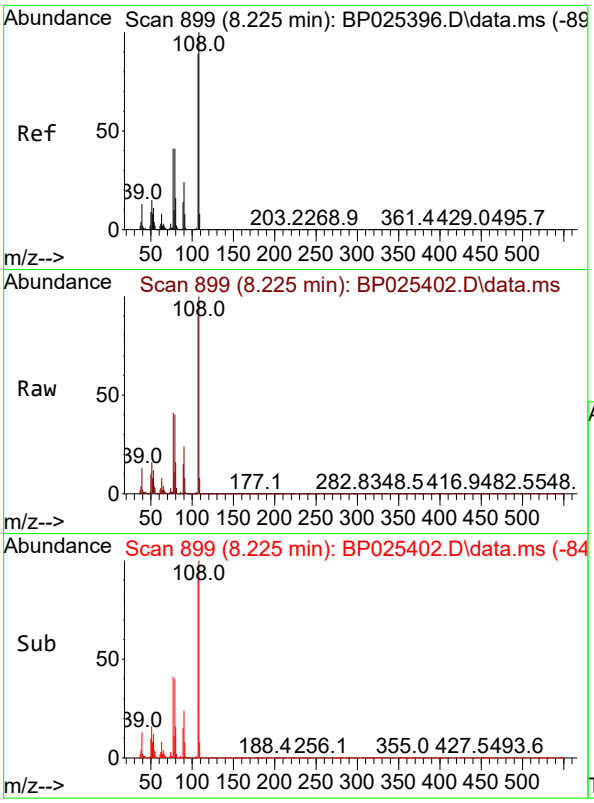


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.968 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 45 Resp: 580366

Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	35.3
79	11.3	0.0	31.8

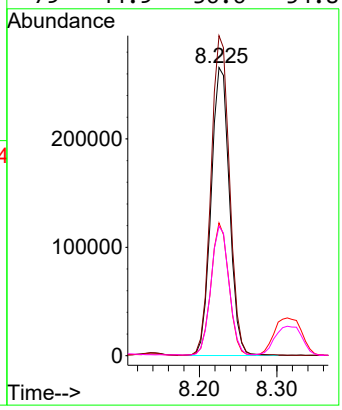




#17
2-Methylphenol
Concen: 49.640 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:107 Resp: 43585

Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.4	134.0
77	46.1	36.3	54.5
79	44.9	36.6	54.8



Instrument :
BNA_P
ClientSampleId :
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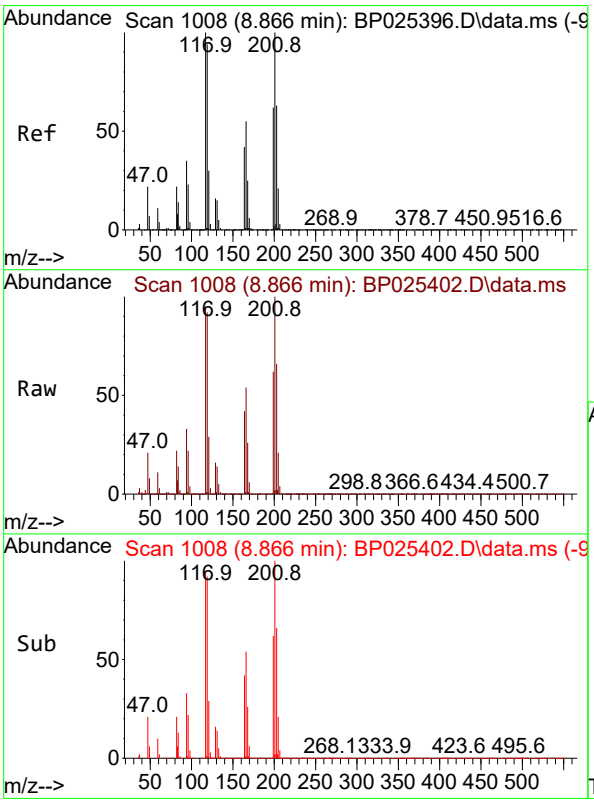
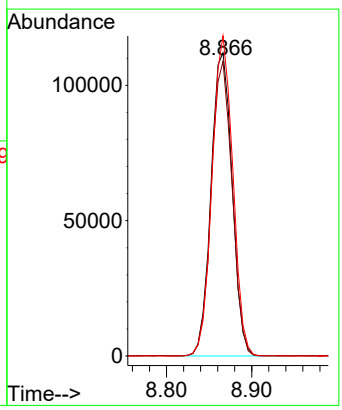
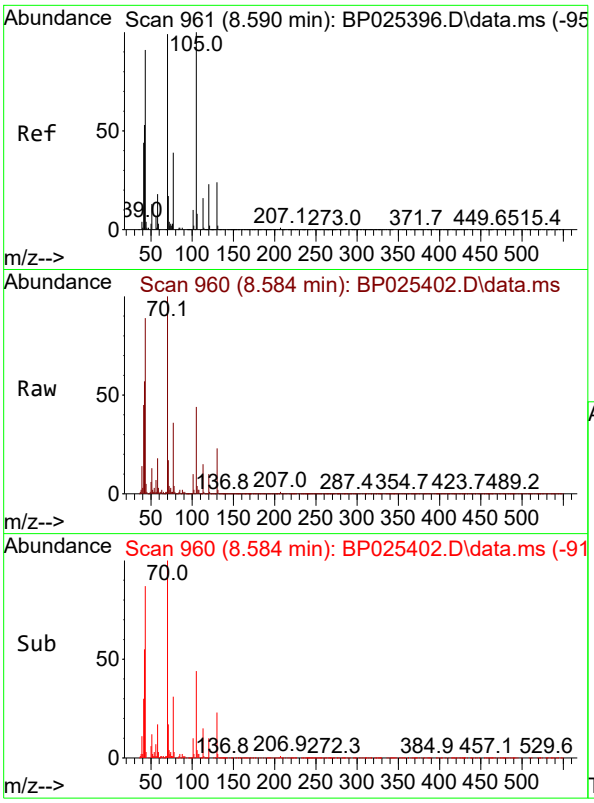


#18
Hexachloroethane
Concen: 43.879 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:117 Resp: 192819

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.1	112.7
201	105.6	80.1	120.1

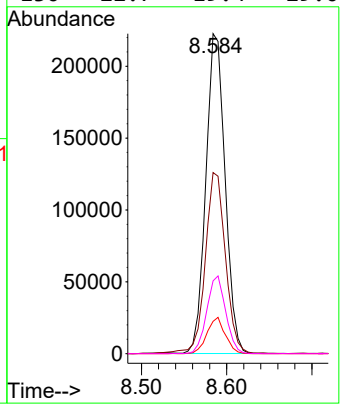




#19
n-Nitroso-di-n-propylamine
Concen: 43.755 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 70 Resp: 34917

Ion	Ratio	Lower	Upper
70	100		
42	56.6	43.8	65.6
101	10.1	8.5	12.7
130	22.7	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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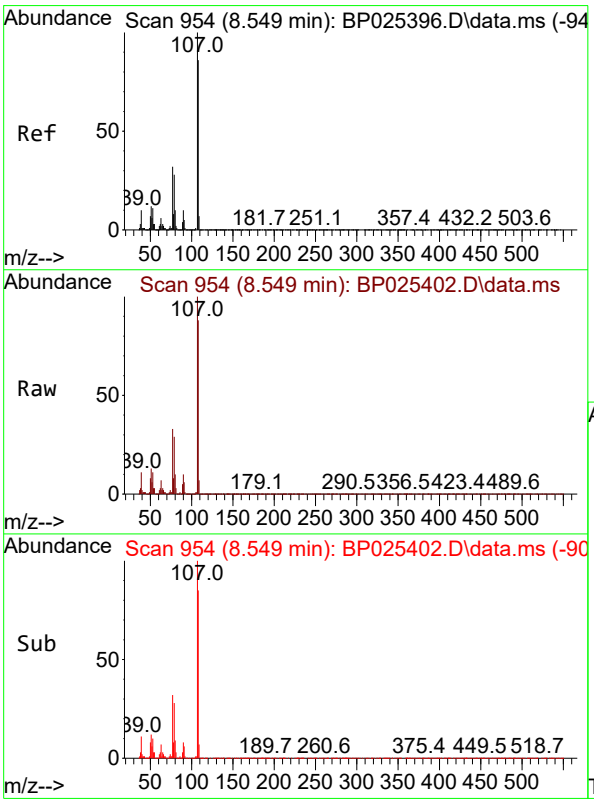
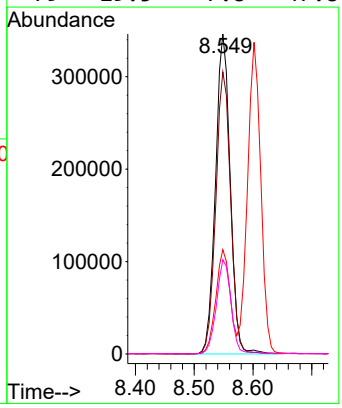
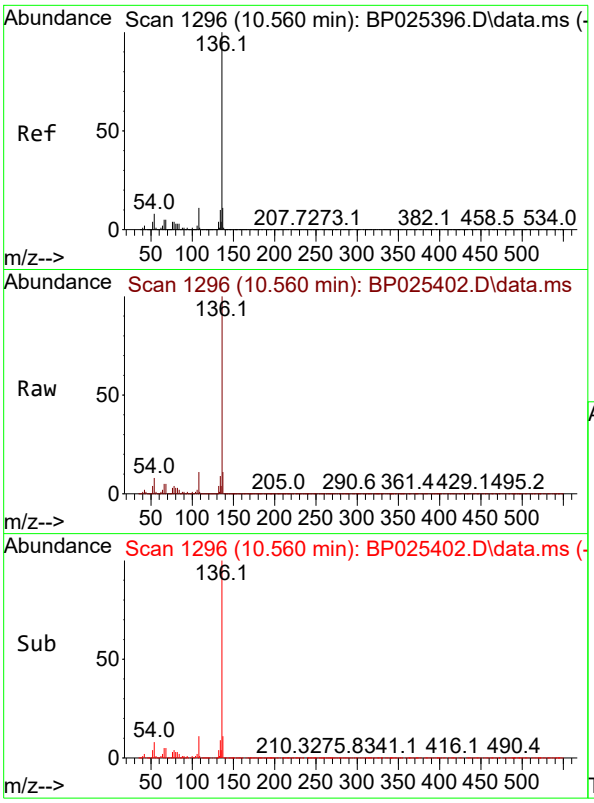


#20
3+4-Methylphenols
Concen: 49.463 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:107 Resp: 601995

Ion	Ratio	Lower	Upper
107	100		
108	88.2	66.3	106.3
77	32.6	12.3	52.3
79	29.5	7.8	47.8

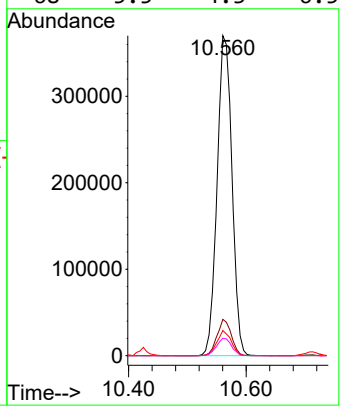




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:136 Resp: 65056

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.8	6.0	9.0
68	5.5	4.3	6.5



Instrument :
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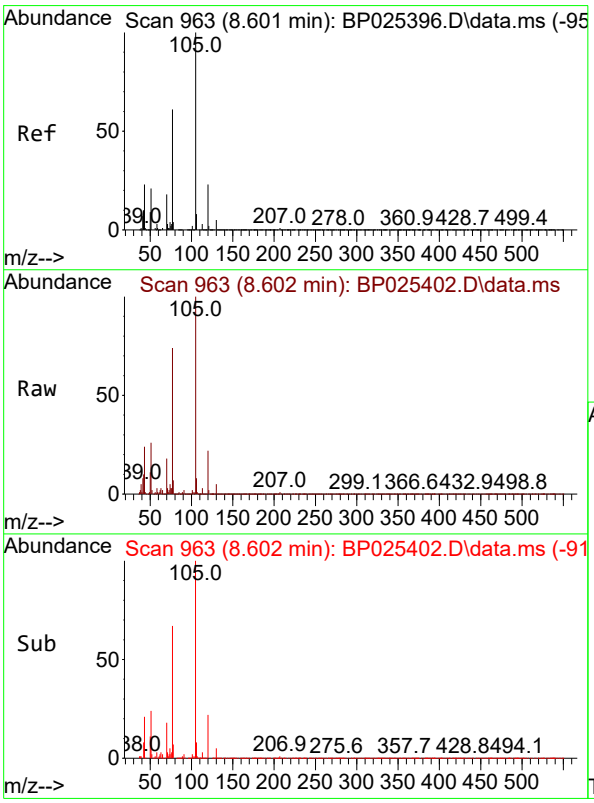
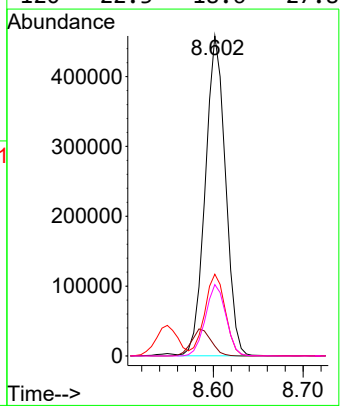
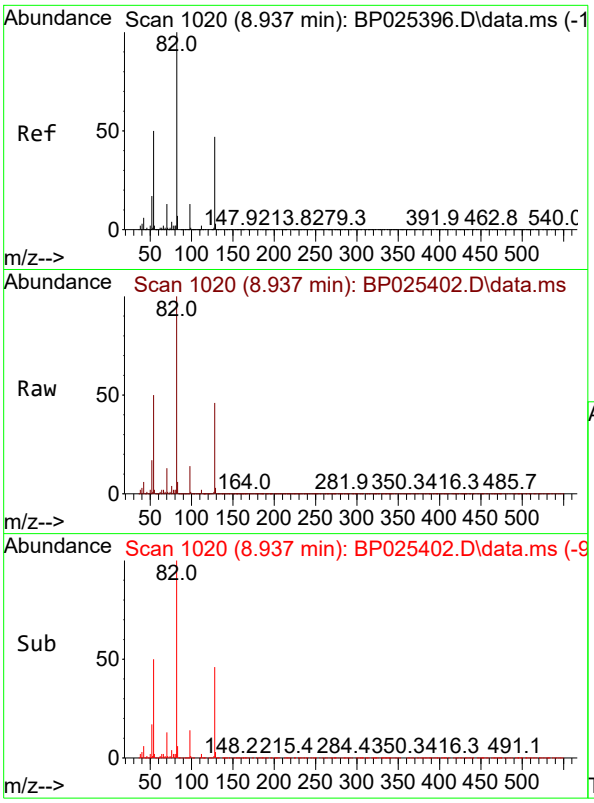


#22
Acetophenone
Concen: 43.852 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:105 Resp: 715431

Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.6	4.0
51	25.5	20.6	30.8
120	22.3	18.6	27.8

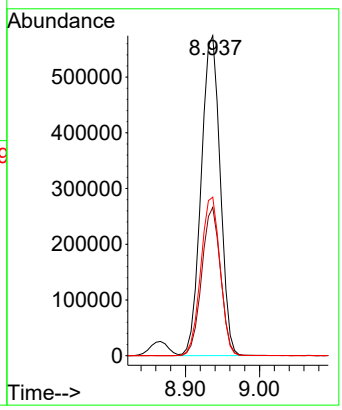




#23
Nitrobenzene-d5
Concen: 79.558 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 82 Resp: 102316

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.7	56.5
54	49.6	39.8	59.6



Instrument :
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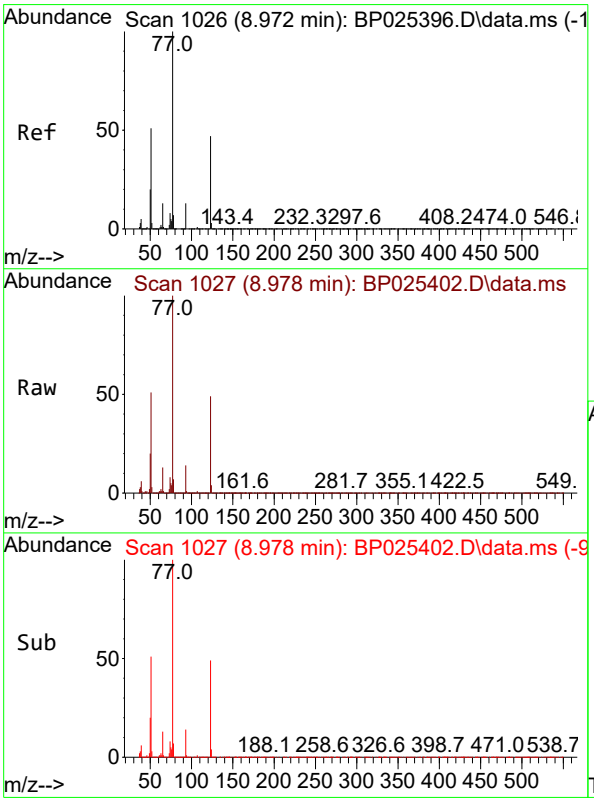
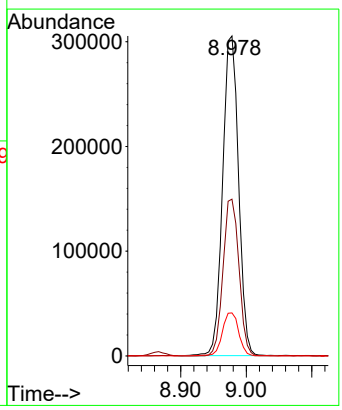
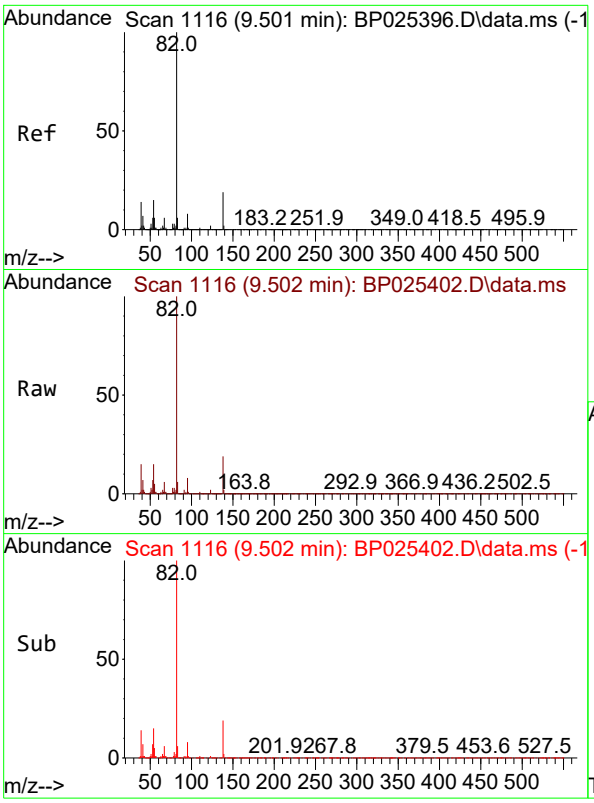


#24
Nitrobenzene
Concen: 44.618 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 77 Resp: 512825

Ion	Ratio	Lower	Upper
77	100		
123	49.0	38.6	58.0
65	13.5	10.6	15.8

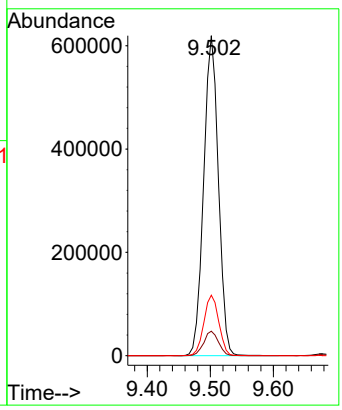




#25
Isophorone
Concen: 44.092 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 82 Resp: 100354

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	18.9	15.4	23.0



Instrument :
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ClientSampleId :
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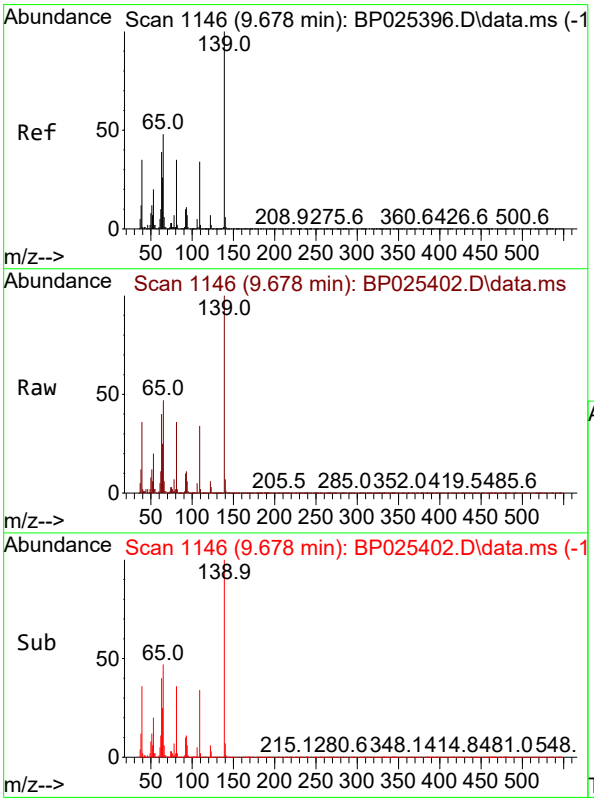
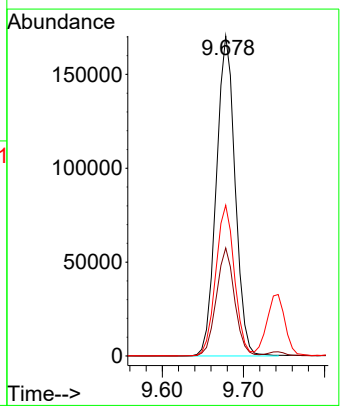
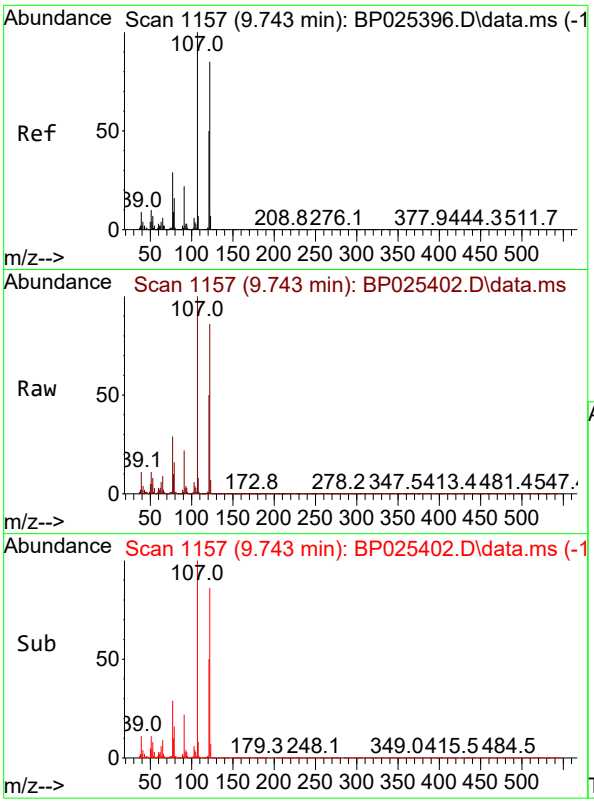


#26
2-Nitrophenol
Concen: 46.556 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:139 Resp: 274616

Ion	Ratio	Lower	Upper
139	100		
109	33.7	26.9	40.3
65	47.1	38.3	57.5

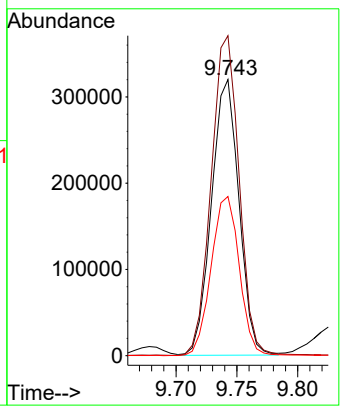




#27
2,4-Dimethylphenol
Concen: 49.547 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:122 Resp: 50260

Ion	Ratio	Lower	Upper
122	100		
107	115.8	93.7	140.5
121	57.7	46.6	69.8



Instrument :
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ClientSampleId :
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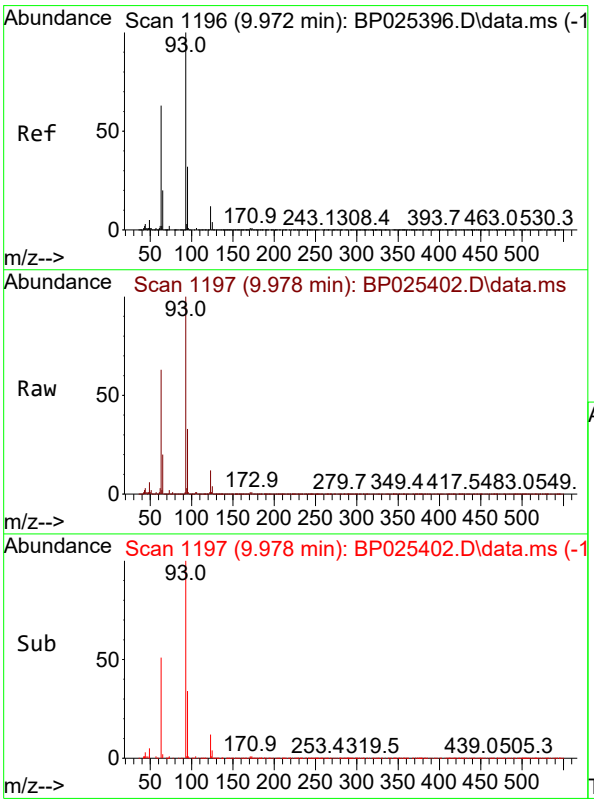
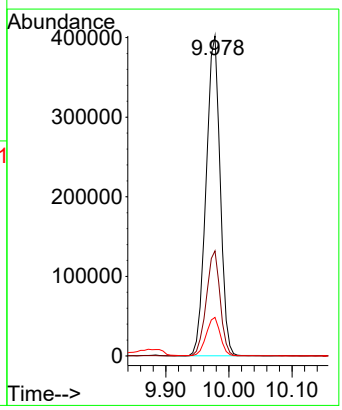
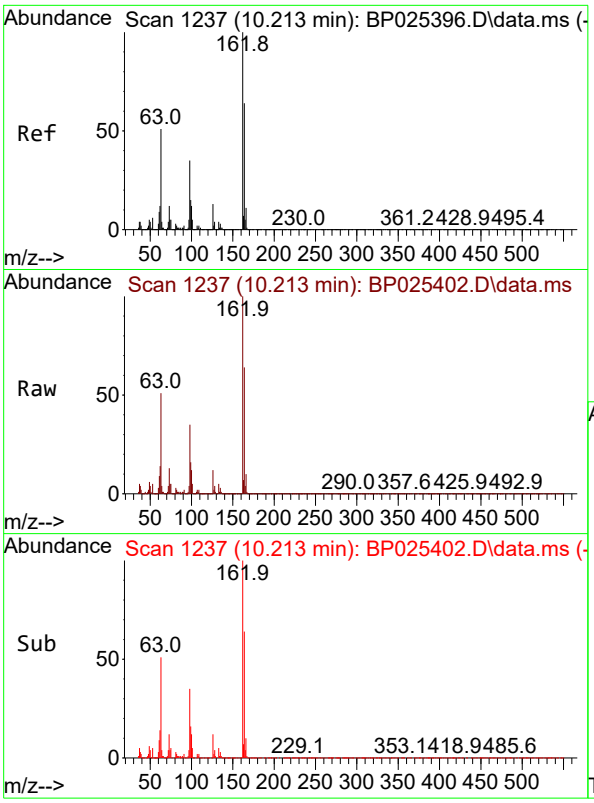


#28
bis(2-Chloroethoxy)methane
Concen: 45.252 ng
RT: 9.978 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 93 Resp: 622573

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.4	38.0
123	12.1	9.4	14.0

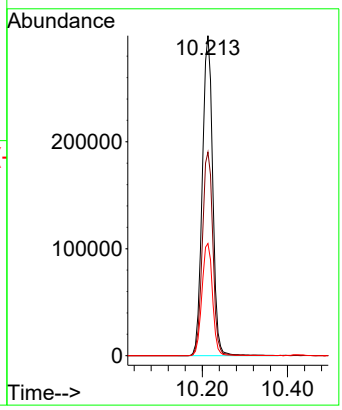




#29
2,4-Dichlorophenol
Concen: 50.213 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:162 Resp: 50599

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.4	84.4
98	35.0	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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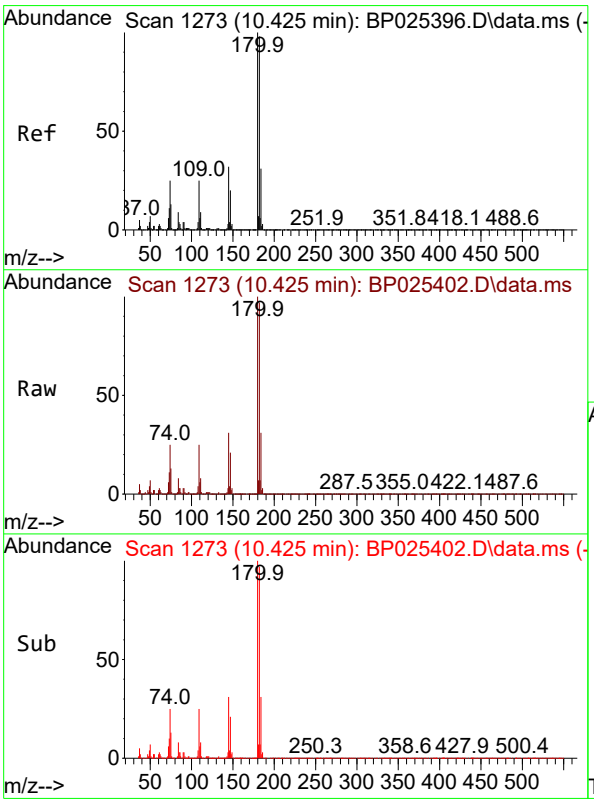
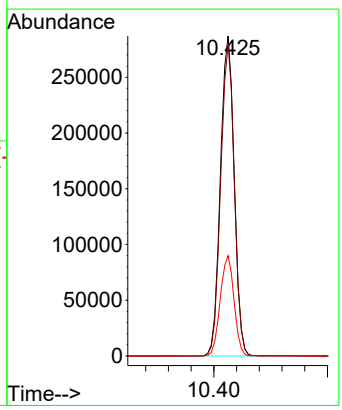
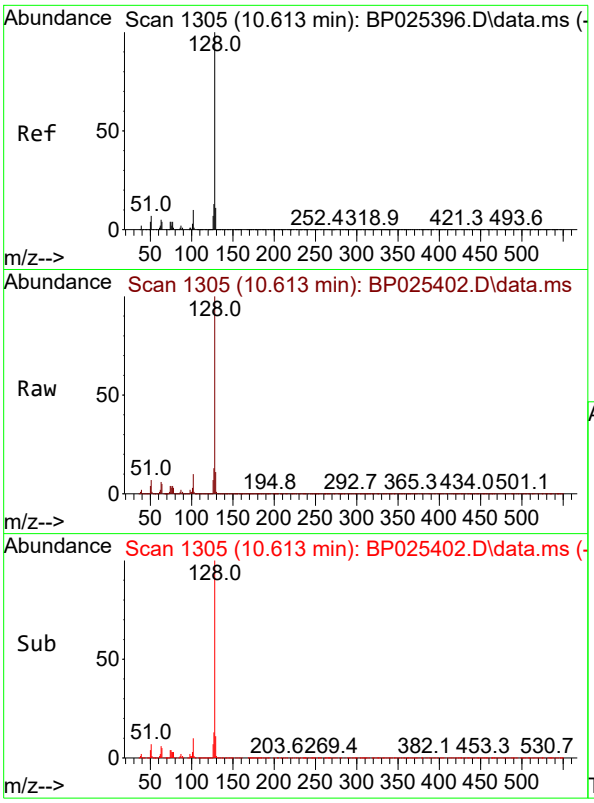


#30
1,2,4-Trichlorobenzene
Concen: 43.881 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:180 Resp: 484724

Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.0	117.0
145	31.4	25.9	38.9

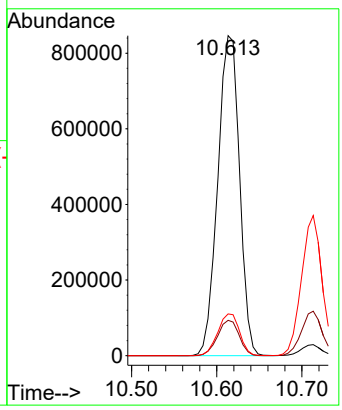




#31
Naphthalene
Concen: 44.521 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:128 Resp: 150539

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.1	10.7	16.1



Instrument :
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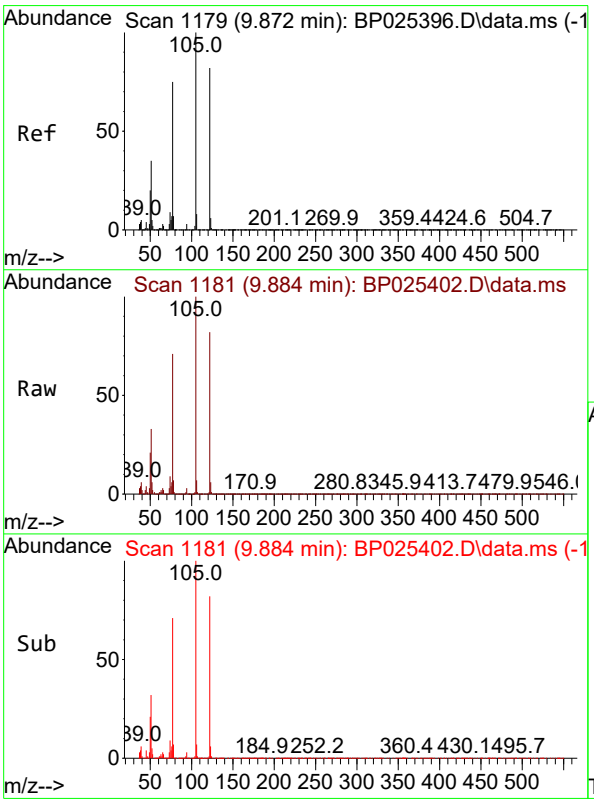
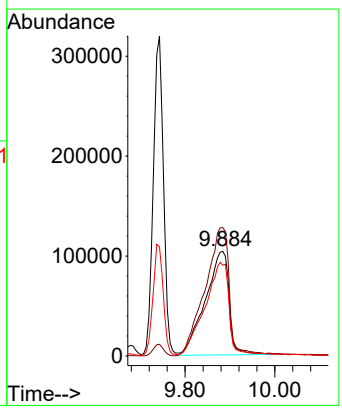
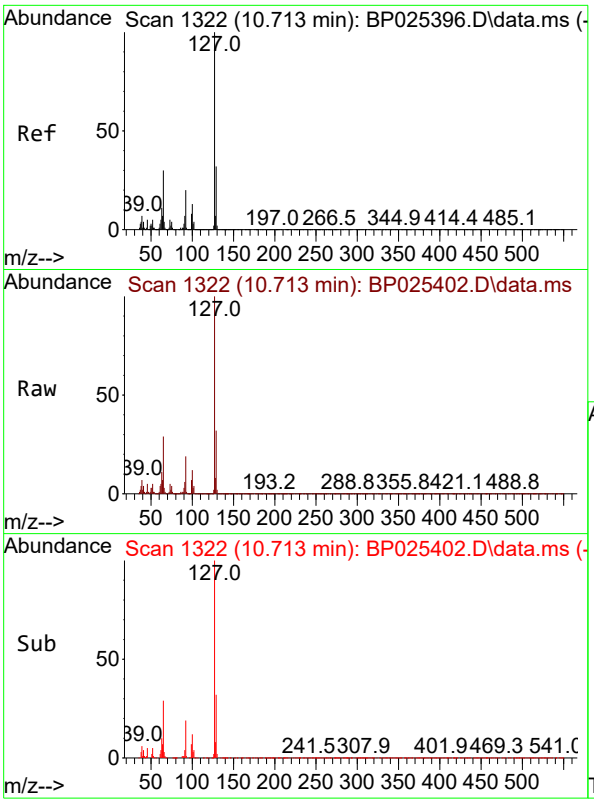


#32
Benzoic acid
Concen: 51.155 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:122 Resp: 383103

Ion	Ratio	Lower	Upper
122	100		
105	122.6	100.6	140.6
77	86.7	71.5	111.5

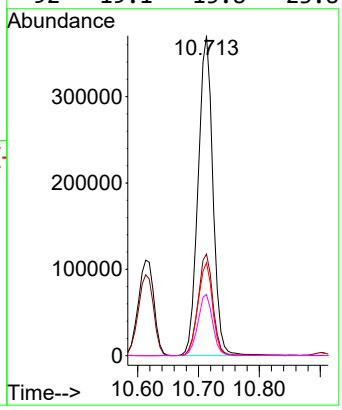




#33
4-Chloroaniline
Concen: 41.794 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:127 Resp: 62423

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	29.1	23.8	35.6
92	19.1	15.8	23.8



Instrument :
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ClientSampleId :
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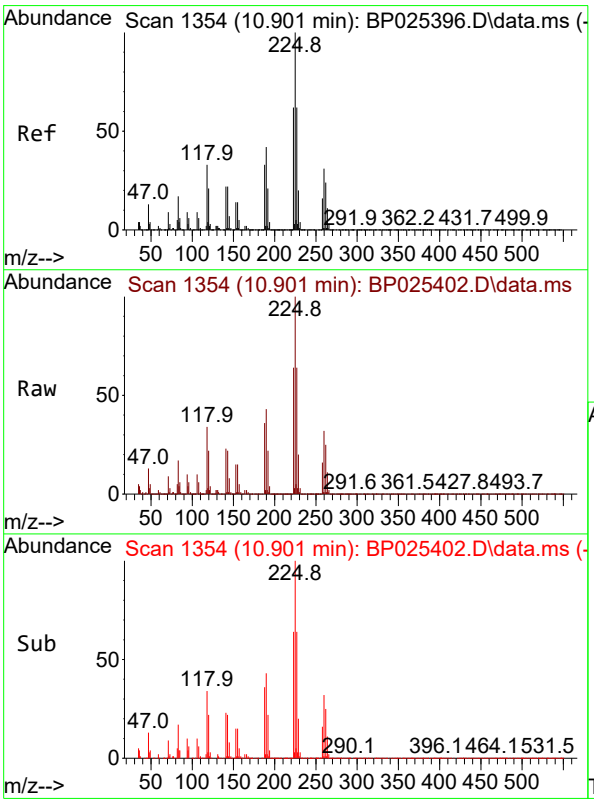
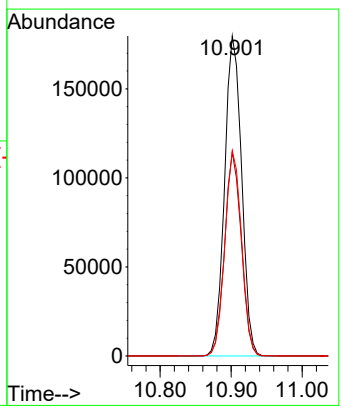
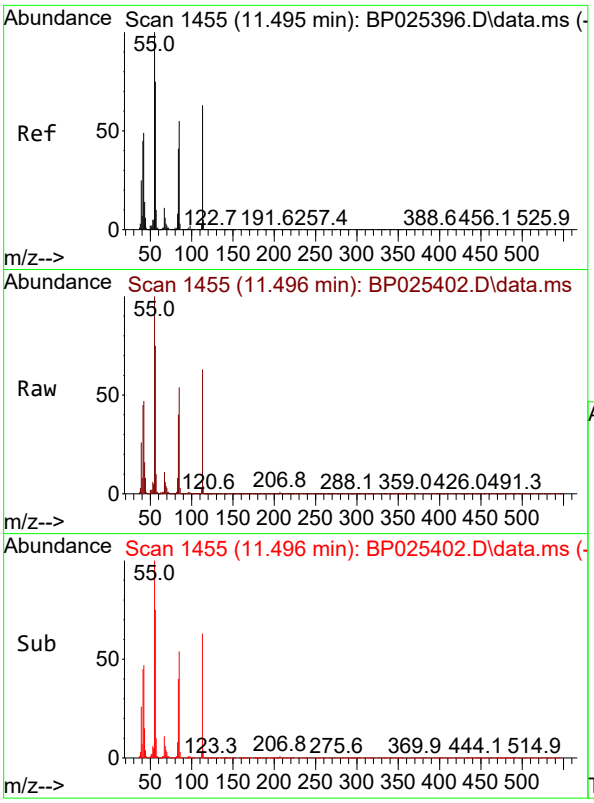


#34
Hexachlorobutadiene
Concen: 43.323 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:225 Resp: 298042

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.0	75.0
227	64.1	49.7	74.5





#35
Caprolactam
Concen: 49.139 ng
RT: 11.496 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:113 Resp: 18156

Ion	Ratio	Lower	Upper
113	100		
55	158.2	140.0	180.0
56	119.2	100.0	140.0

Instrument :
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ClientSampleId :
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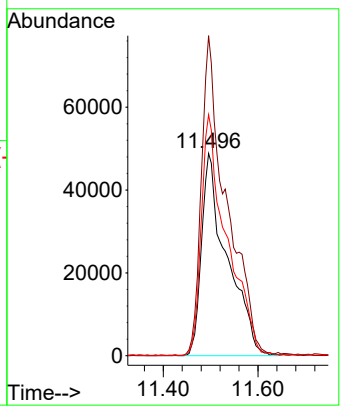
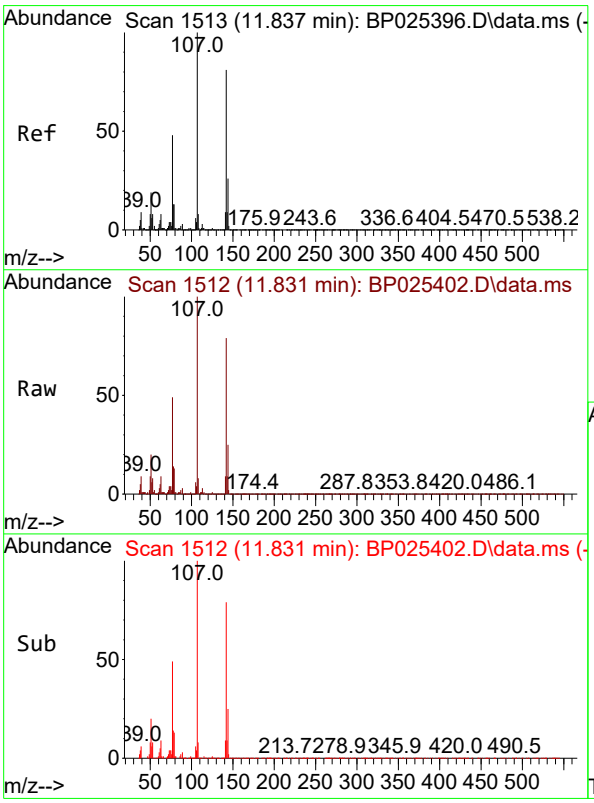
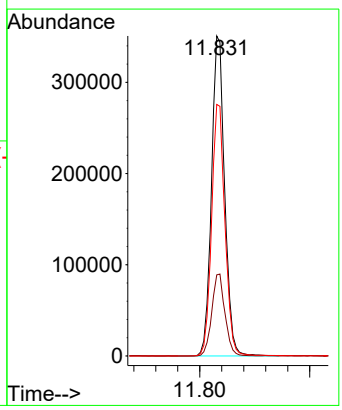


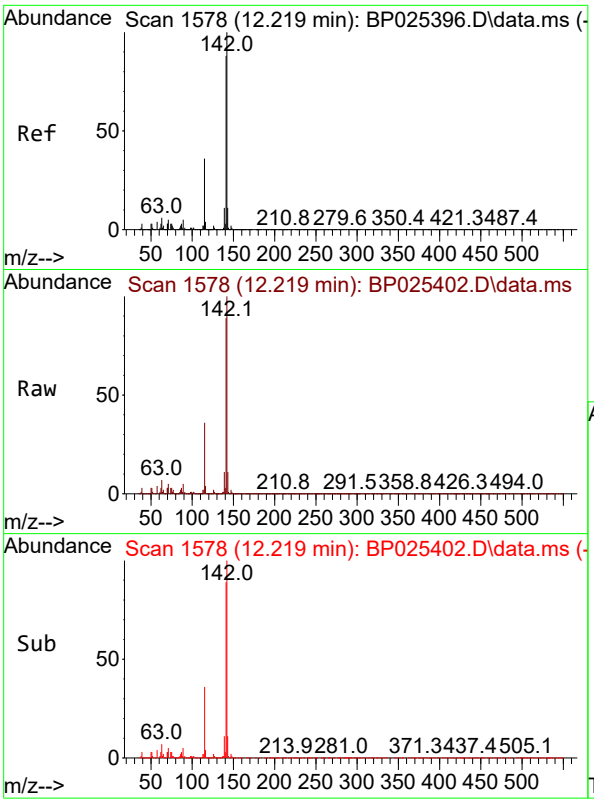


#36
4-Chloro-3-methylphenol
Concen: 50.394 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:107 Resp: 582706

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	78.6	64.6	97.0

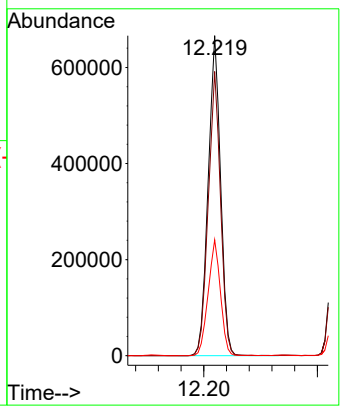




#37
2-Methylnaphthalene
Concen: 45.639 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:142 Resp: 100426

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	36.2	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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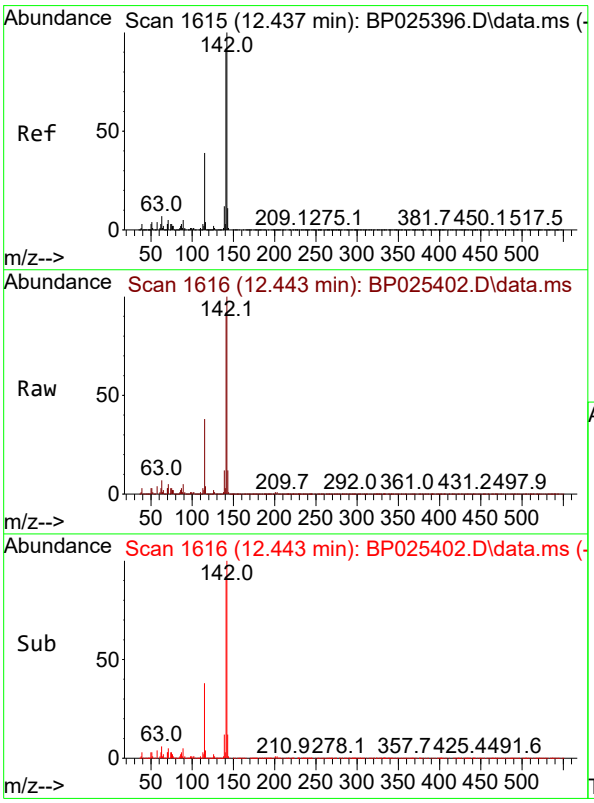
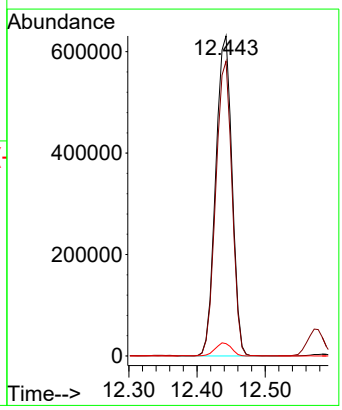
Supervised By :Jagrut Upadhyay 08/15/2025

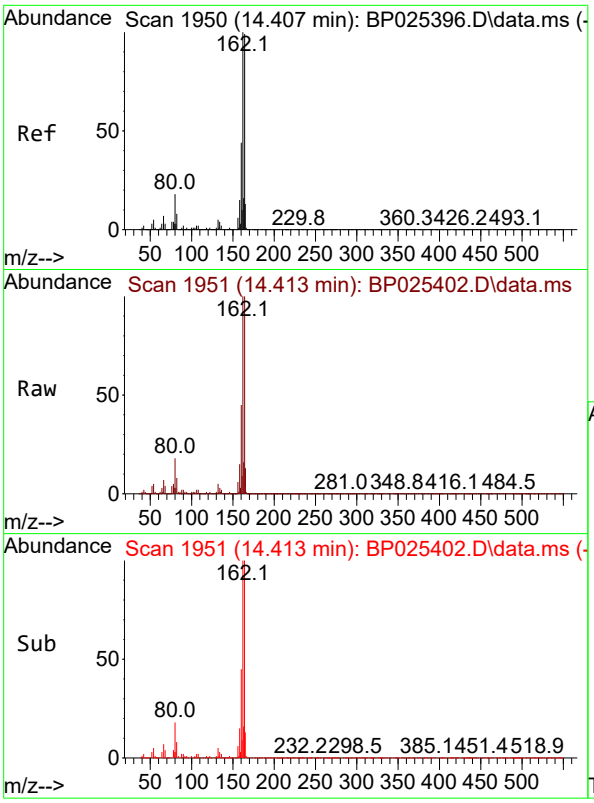


#38
1-Methylnaphthalene
Concen: 44.929 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:142 Resp: 1051392

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.1	109.7
116	3.9	3.2	4.8

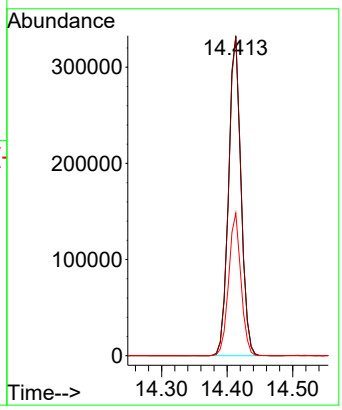




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:164 Resp: 43553

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.0	121.6
160	44.7	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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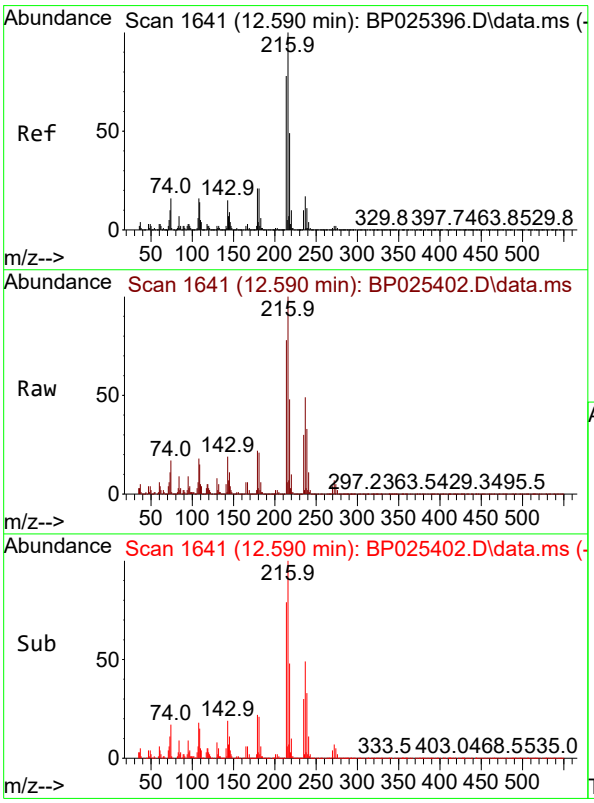
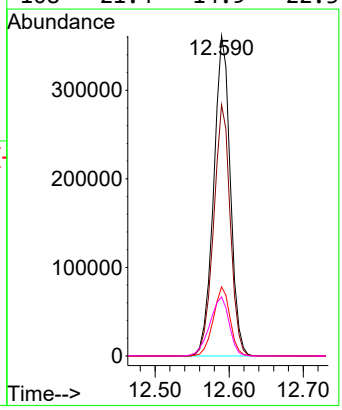
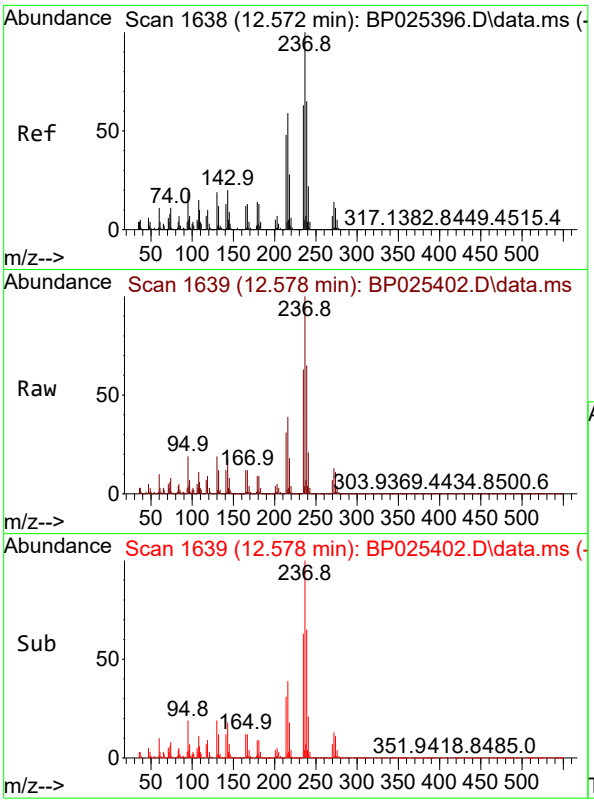


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.845 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:216 Resp: 564099

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.7	17.1	25.7
108	21.4	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 94.317 ng
RT: 12.578 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Tgt Ion:237 Resp: 71663

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.7	82.7
272	12.9	0.0	34.0

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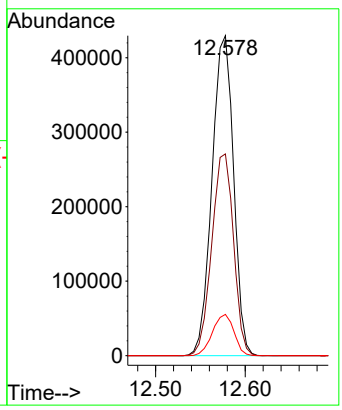
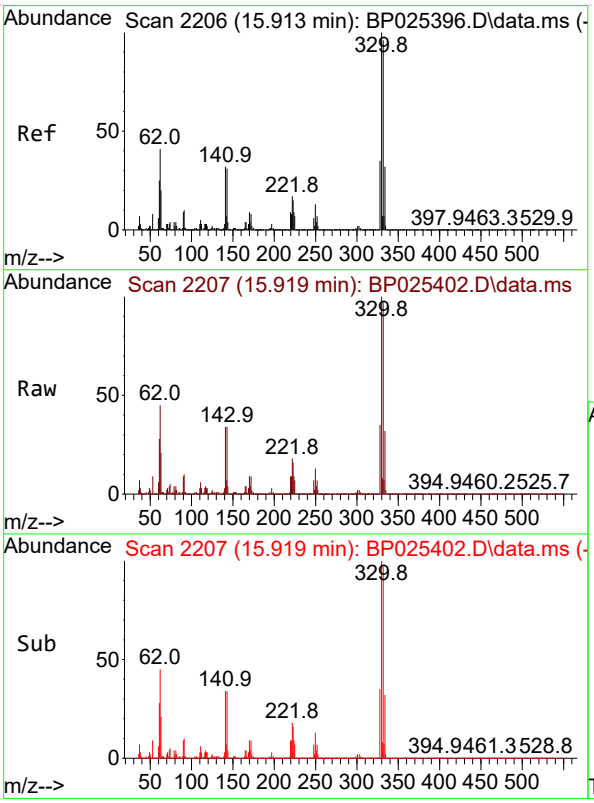
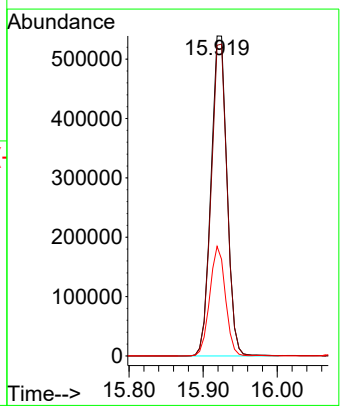


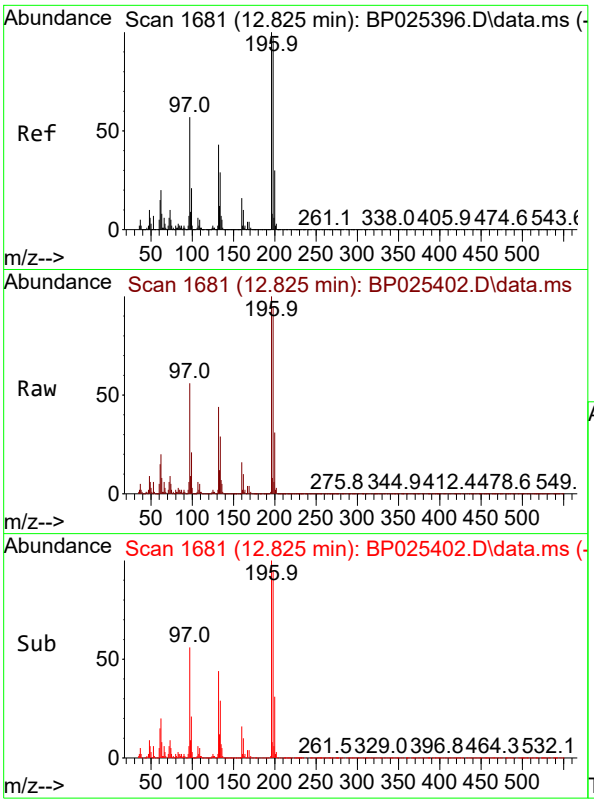


#42
2,4,6-Tribromophenol
Concen: 137.743 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:330 Resp: 807504

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.6	26.6	39.8





#43
2,4,6-Trichlorophenol
Concen: 49.564 ng
RT: 12.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:196 Resp: 42090

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.2	115.8
200	30.8	23.9	35.9

Instrument :
BNA_P
ClientSampleId :
PB169210BS

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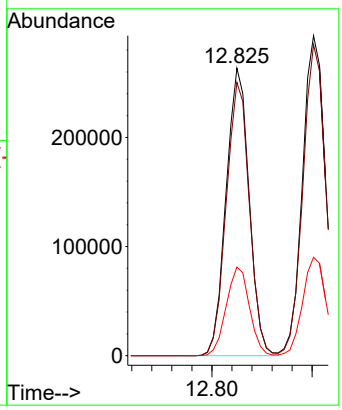
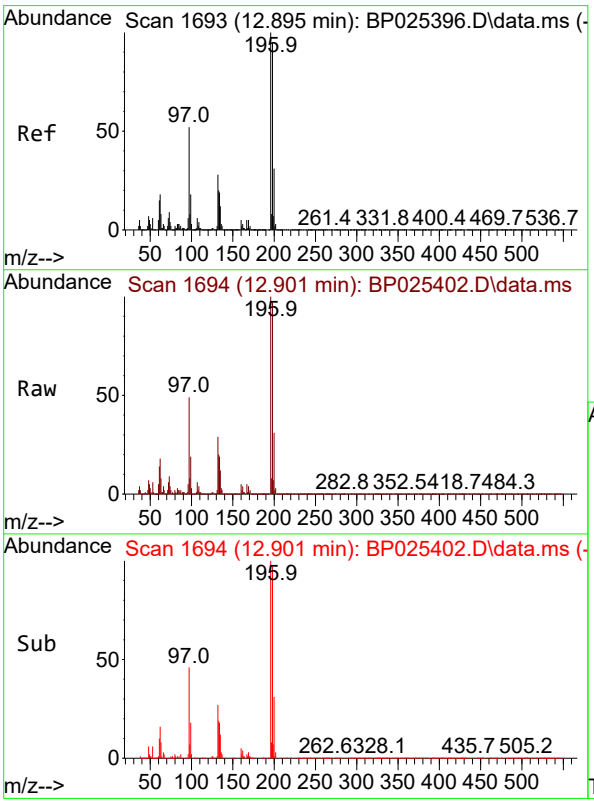
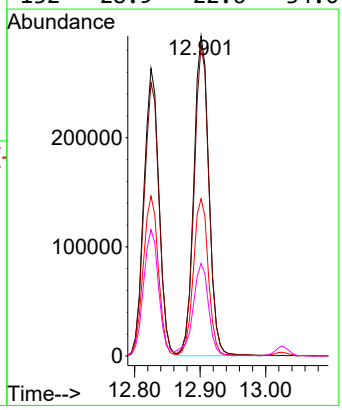


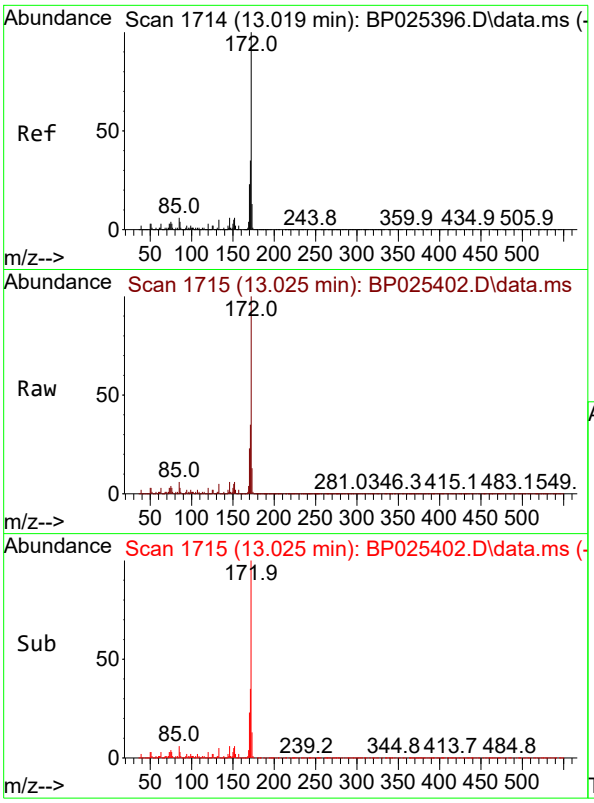


#44
2,4,5-Trichlorophenol
Concen: 50.356 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:196 Resp: 468666

Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.2	114.2
97	49.1	41.2	61.8
132	28.9	22.6	34.0

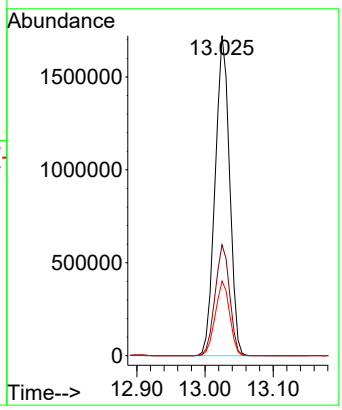




#45
2-Fluorobiphenyl
Concen: 79.667 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:172 Resp: 253885

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.3	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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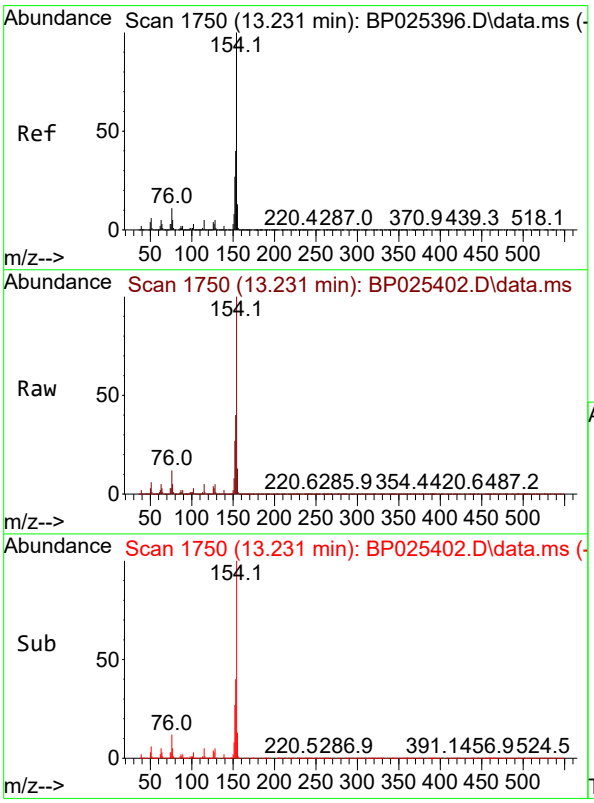
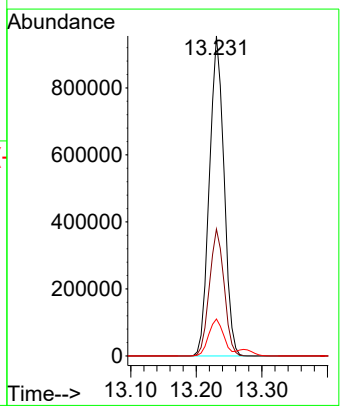
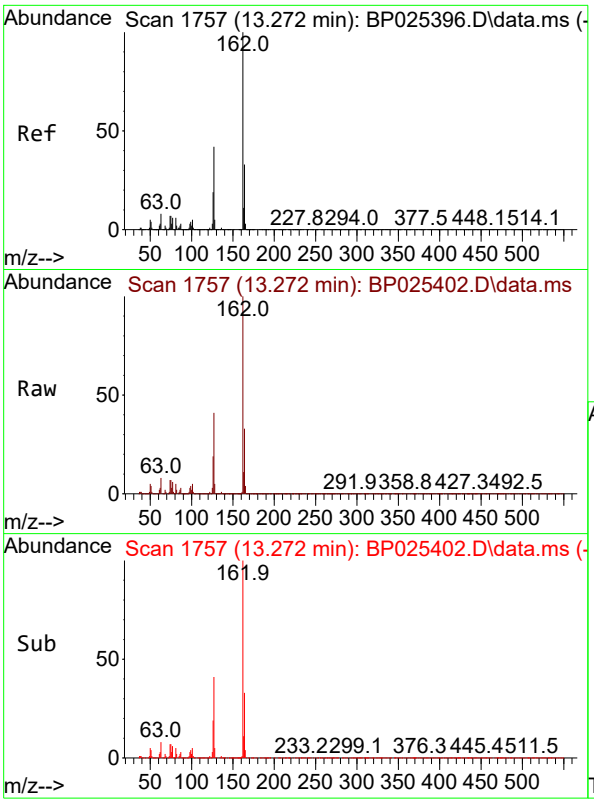


#46
1,1'-Biphenyl
Concen: 46.689 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:154 Resp: 1476847

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.5	59.5
76	11.5	0.0	31.1

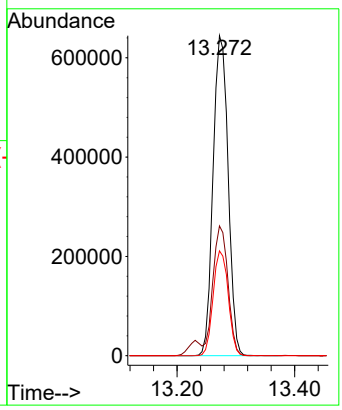




#47
2-Chloronaphthalene
Concen: 46.544 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:162 Resp: 114613

Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.4	50.2
164	32.7	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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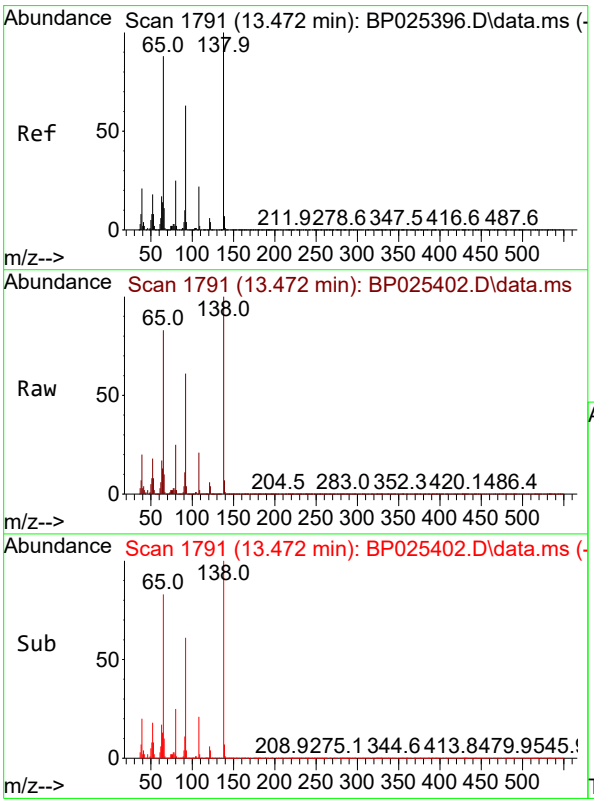
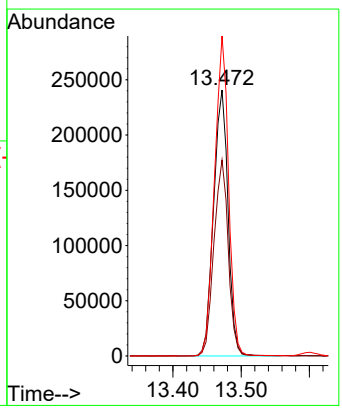
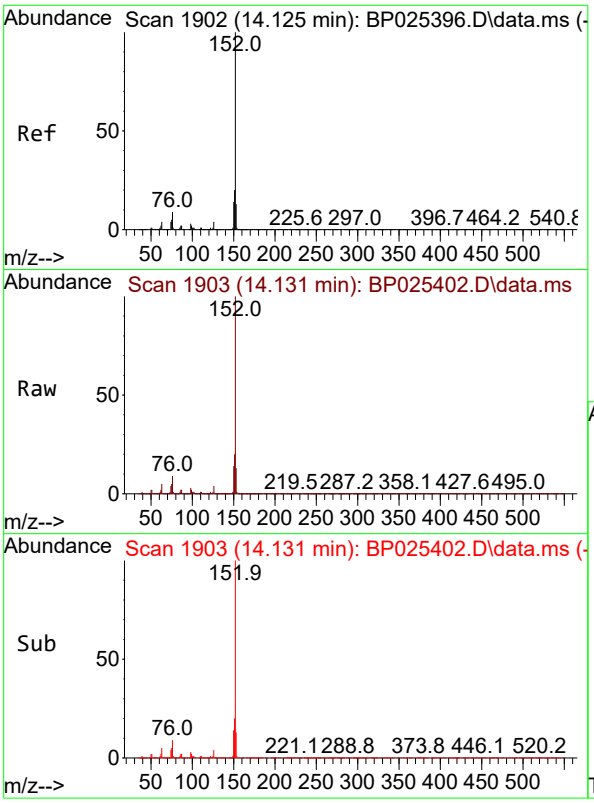


#48
2-Nitroaniline
Concen: 49.489 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 65 Resp: 355089

Ion	Ratio	Lower	Upper
65	100		
92	73.7	57.6	86.4
138	120.3	91.0	136.6

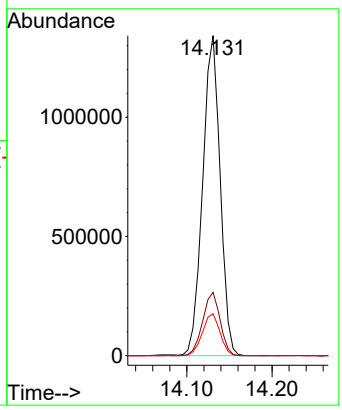




#49
Acenaphthylene
Concen: 46.883 ng
RT: 14.131 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:152 Resp: 191032

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.1	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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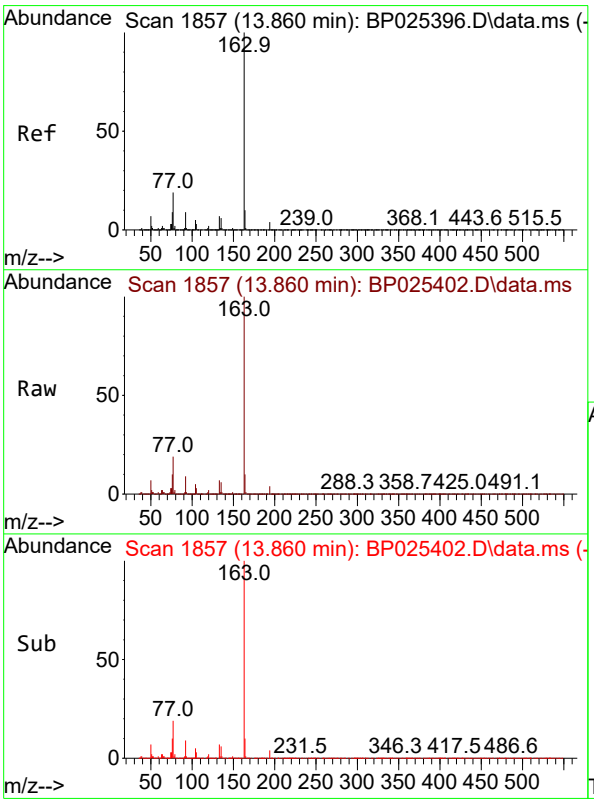
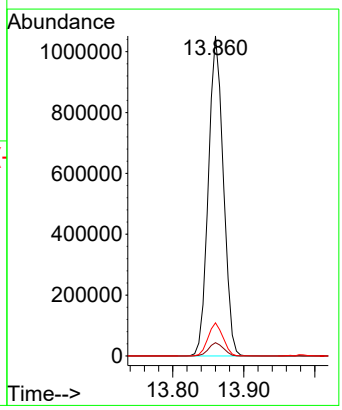
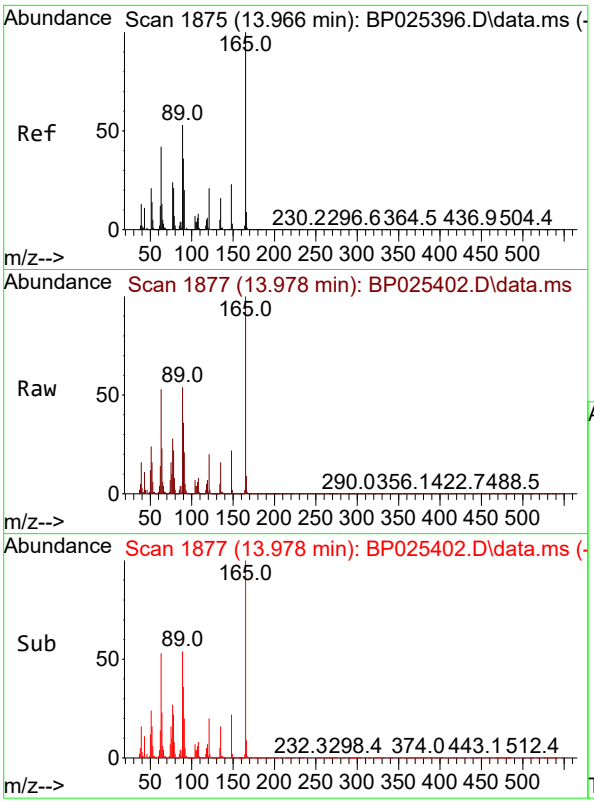


#50
Dimethylphthalate
Concen: 48.314 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:163 Resp: 1540919

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.4	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 49.911 ng
RT: 13.978 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:165 Resp: 33551

Ion	Ratio	Lower	Upper
165	100		
63	53.0	40.9	61.3
89	54.0	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
PB169210BS

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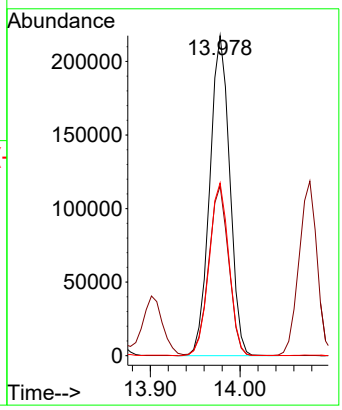
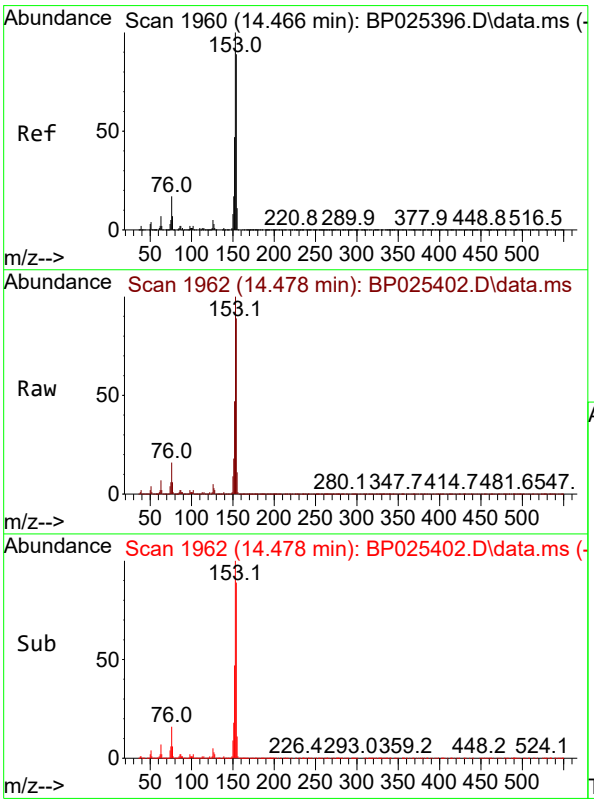
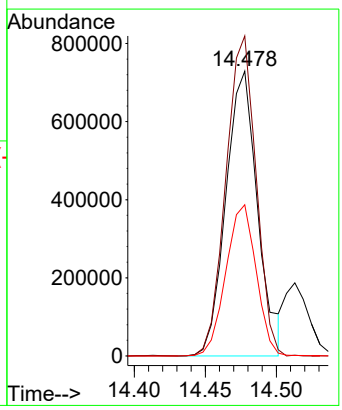


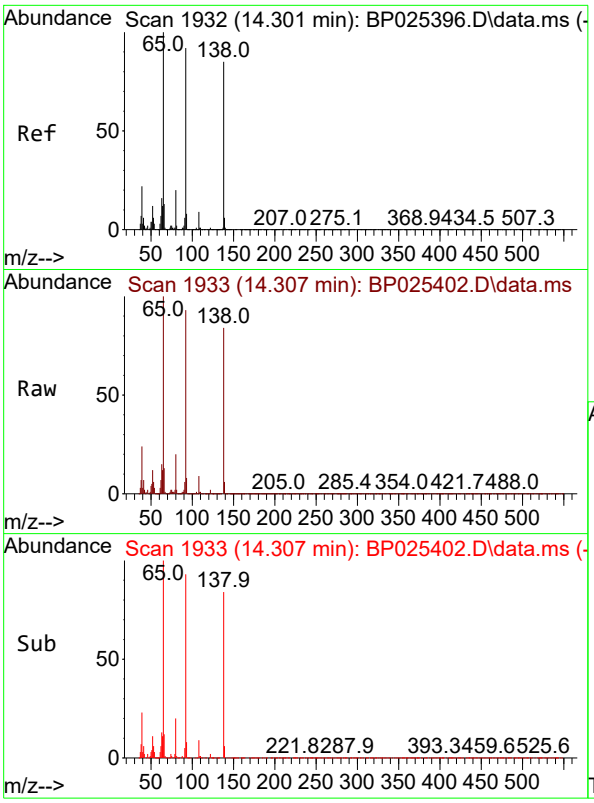


#52
Acenaphthene
Concen: 47.334 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:154 Resp: 1132105

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.2	135.2
152	53.1	42.1	63.1





#53
3-Nitroaniline
Concen: 43.858 ng
RT: 14.307 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Tgt Ion:138 Resp: 33171

Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.3	12.5
92	111.1	86.2	129.2

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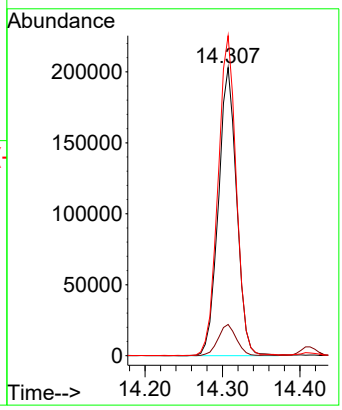
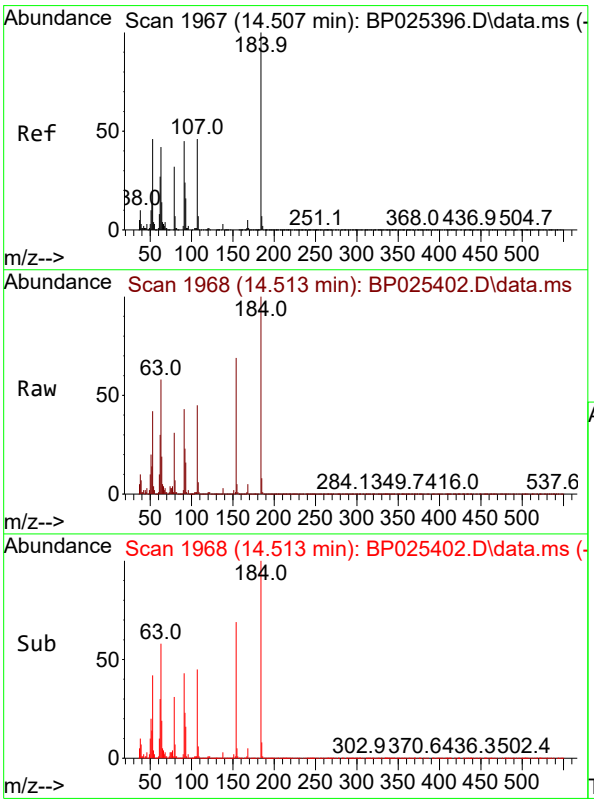
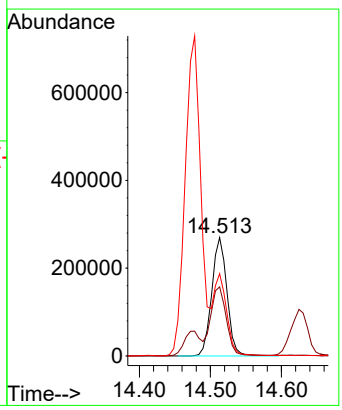


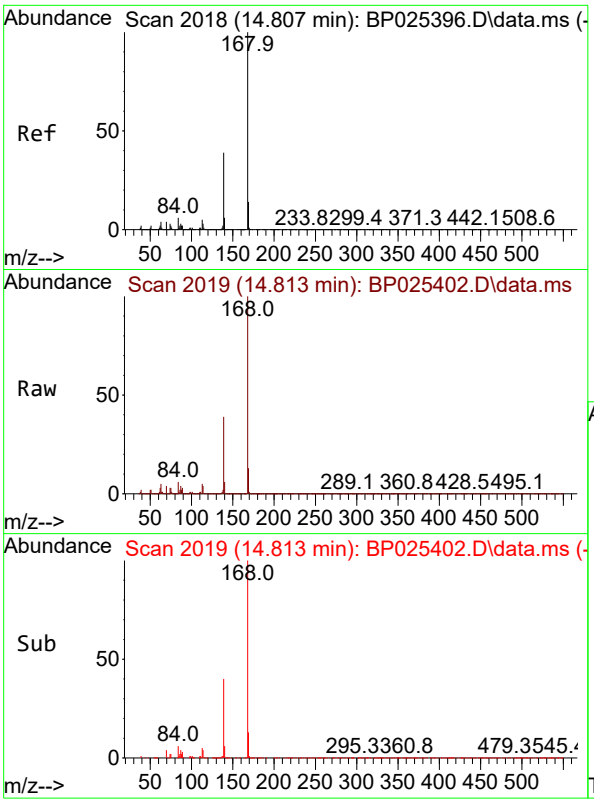


#54
2,4-Dinitrophenol
Concen: 111.865 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:184 Resp: 401585

Ion	Ratio	Lower	Upper
184	100		
63	58.4	49.4	74.2
154	69.4	54.6	82.0

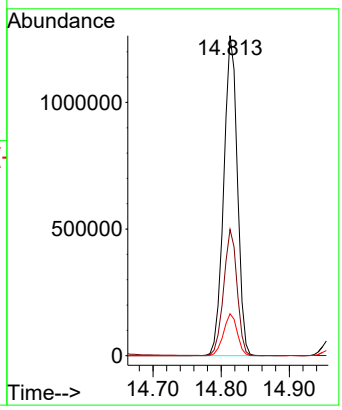




#55
Dibenzofuran
Concen: 46.470 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:168 Resp: 175720

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.5	47.3
169	13.1	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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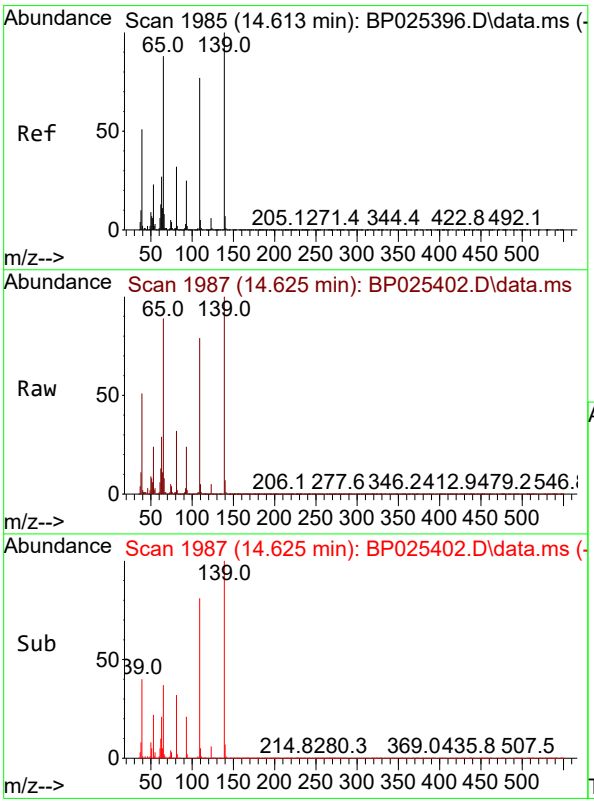
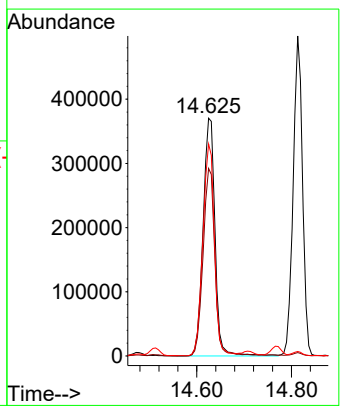
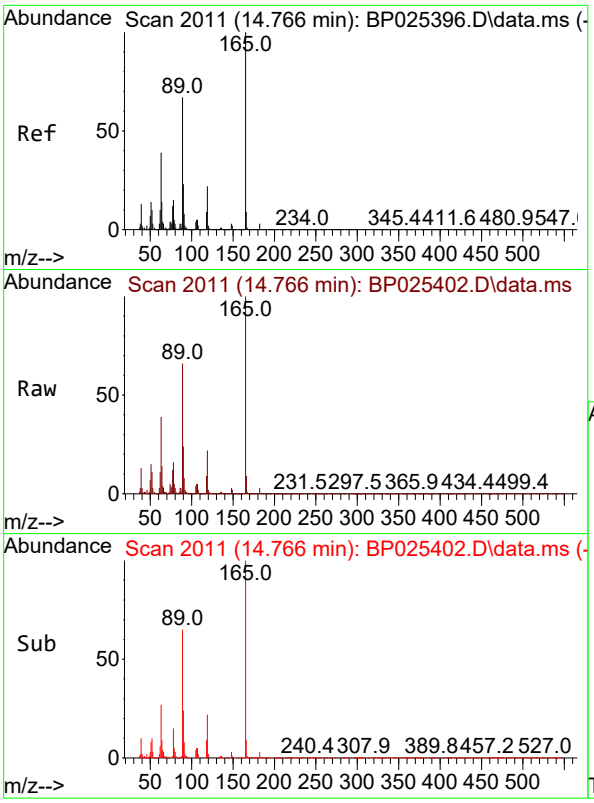


#56
4-Nitrophenol
Concen: 104.294 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:139 Resp: 648186

Ion	Ratio	Lower	Upper
139	100		
109	78.9	56.6	96.6
65	89.2	68.2	108.2

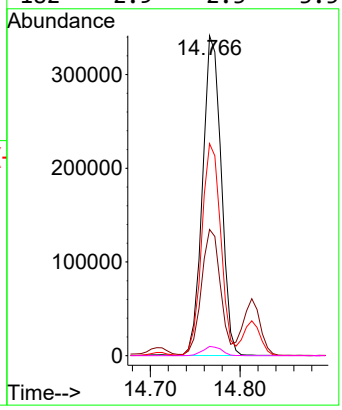




#57
2,4-Dinitrotoluene
Concen: 51.219 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:165 Resp: 49124

Ion	Ratio	Lower	Upper
165	100		
63	39.4	31.4	47.2
89	66.3	53.3	79.9
182	2.9	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
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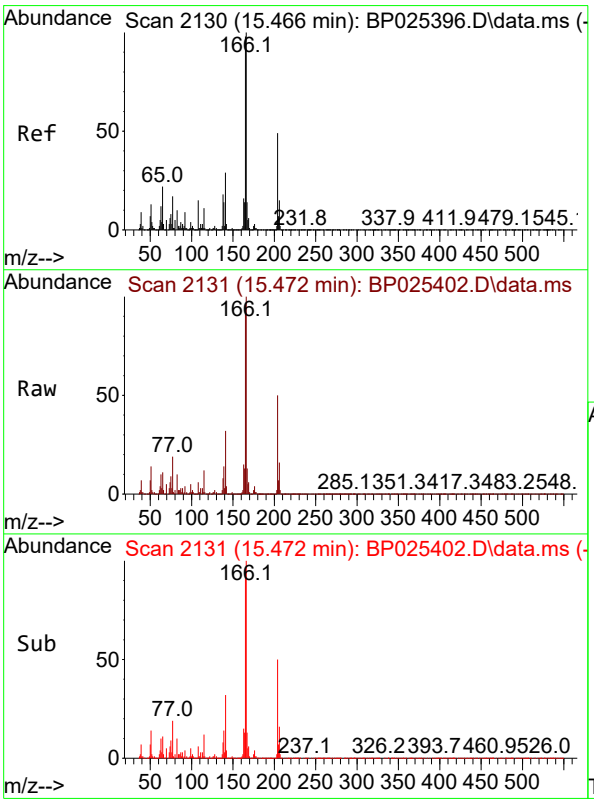
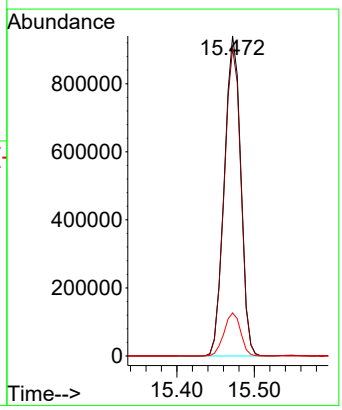
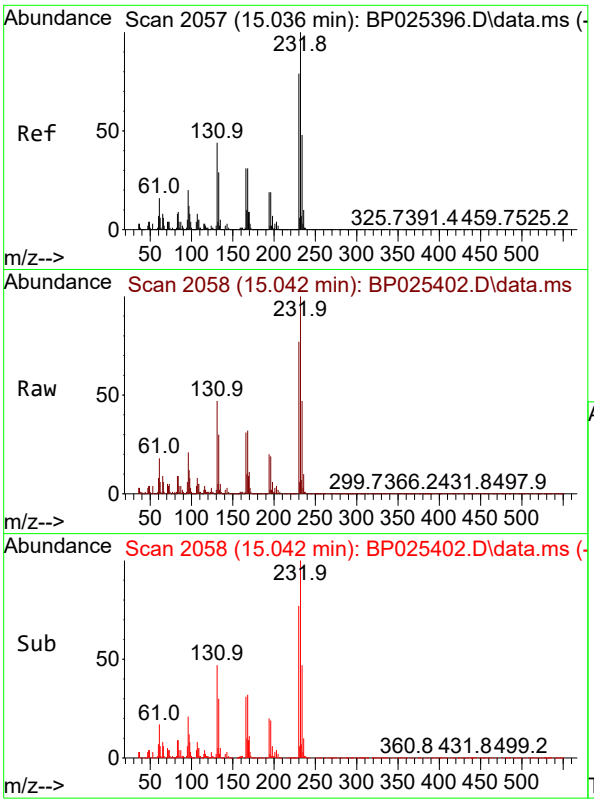


#58
Fluorene
Concen: 46.525 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:166 Resp: 1388189

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.8	118.2
167	13.4	11.0	16.4

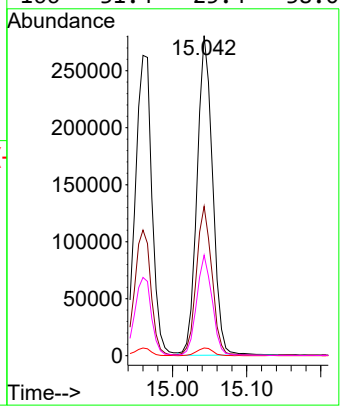




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.740 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:232 Resp: 40876

Ion	Ratio	Lower	Upper
232	100		
131	46.7	37.0	55.6
130	2.5	1.9	2.9
166	31.4	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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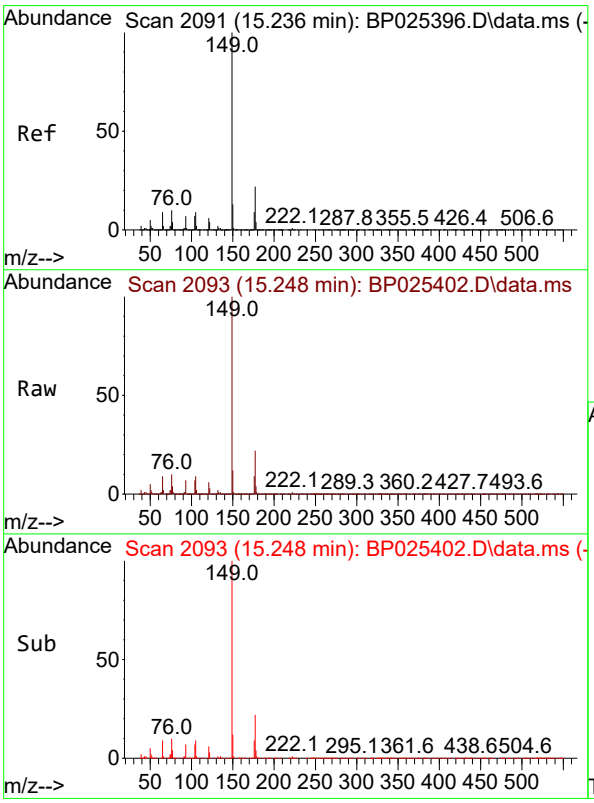
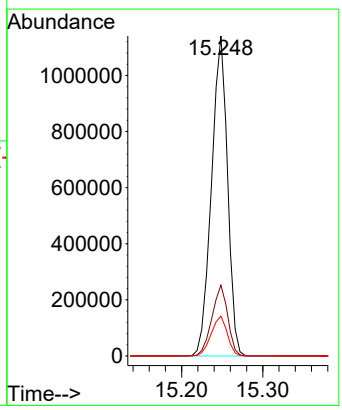
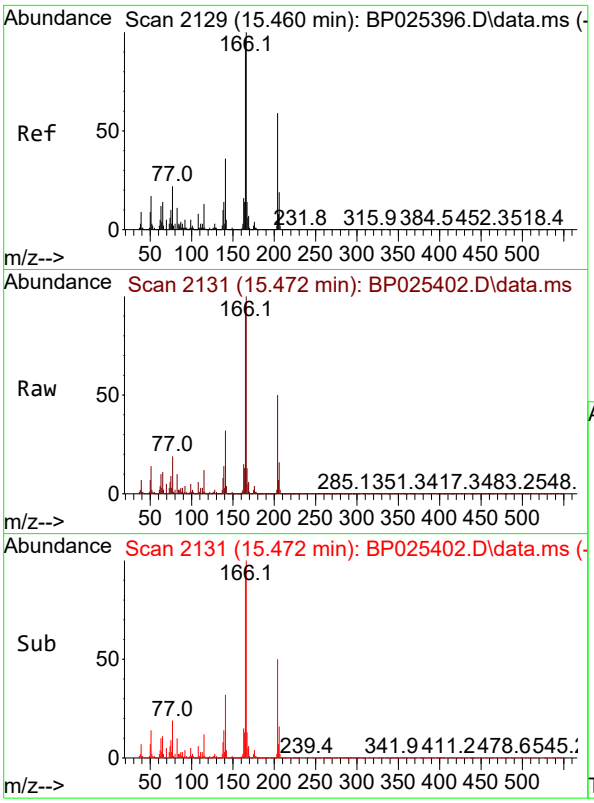


#60
Diethylphthalate
Concen: 48.233 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:149 Resp: 1563135

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.4	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.075 ng
RT: 15.472 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:204 Resp: 68373

Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.8
141	63.7	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
PB169210BS

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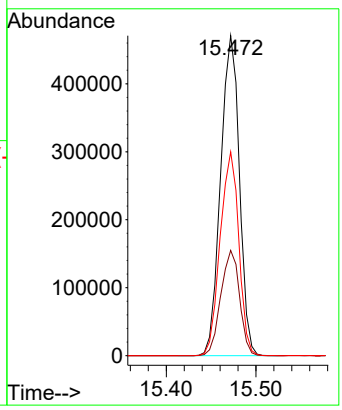
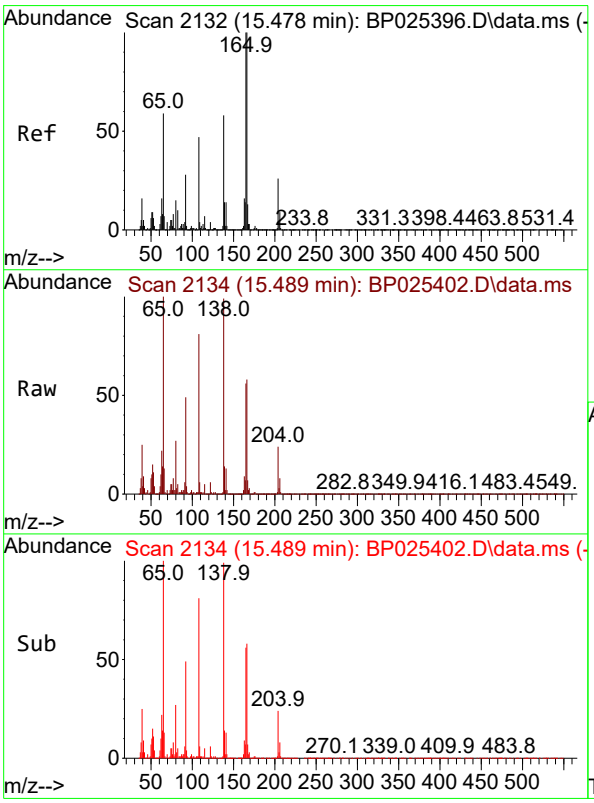
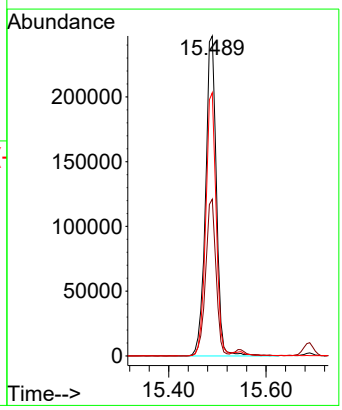


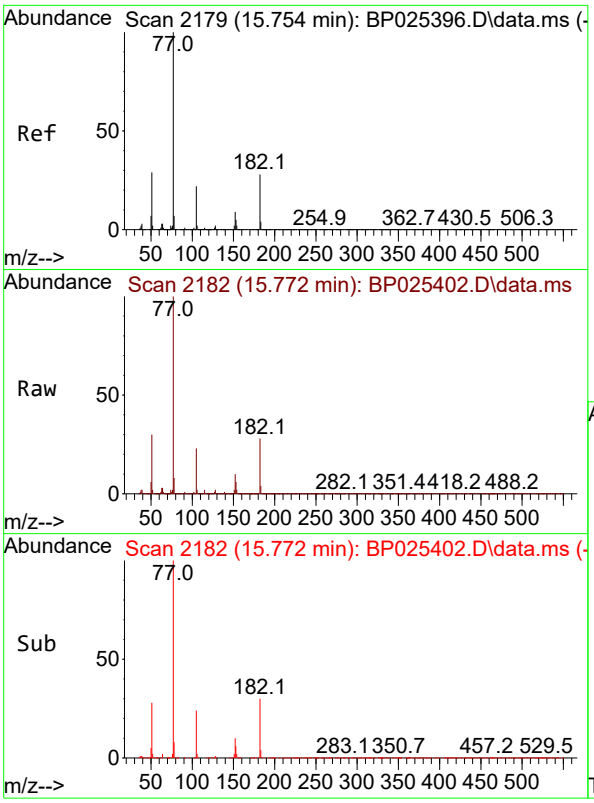


#62
4-Nitroaniline
Concen: 49.072 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:138 Resp: 380486

Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.1	69.1
108	82.2	61.5	101.5

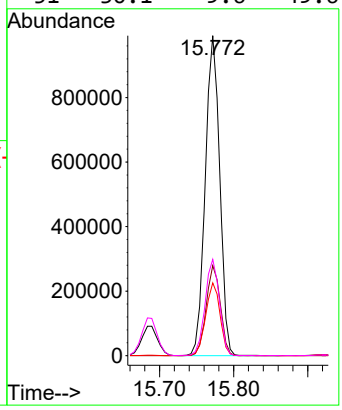




#63
Azobenzene
Concen: 48.409 ng
RT: 15.772 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 77 Resp: 134333

Ion	Ratio	Lower	Upper
77	100		
182	28.1	7.5	47.5
105	22.8	2.1	42.1
51	30.1	9.6	49.6



Instrument :
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ClientSampleId :
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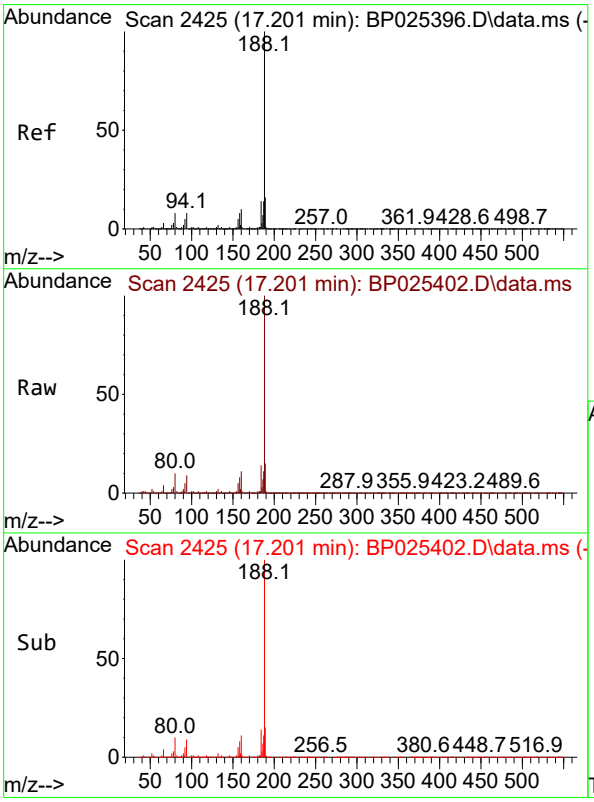
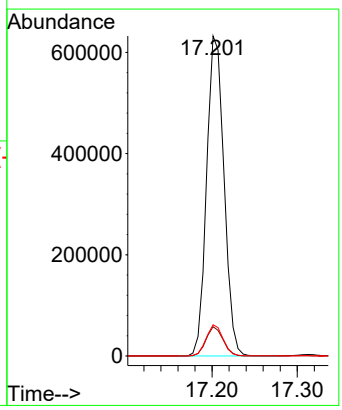
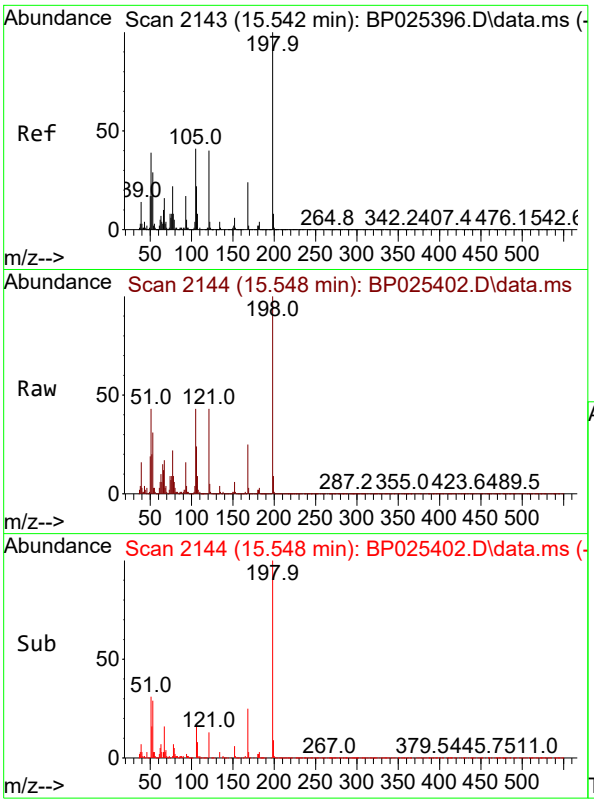


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:188 Resp: 895607

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	9.8	6.7	10.1

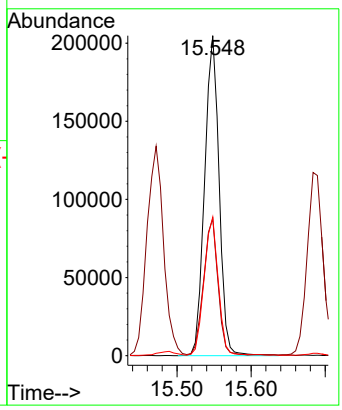




#65
4,6-Dinitro-2-methylphenol
Concen: 49.788 ng
RT: 15.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:198 Resp: 27795

Ion	Ratio	Lower	Upper
198	100		
51	42.8	19.6	59.6
105	43.3	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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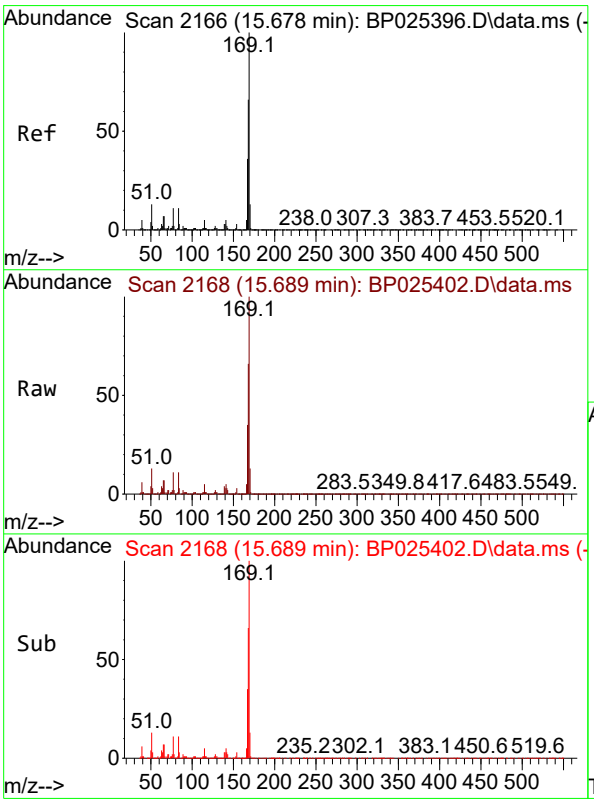
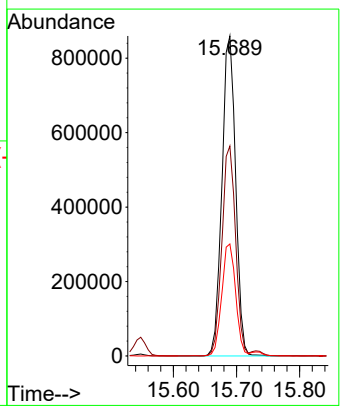
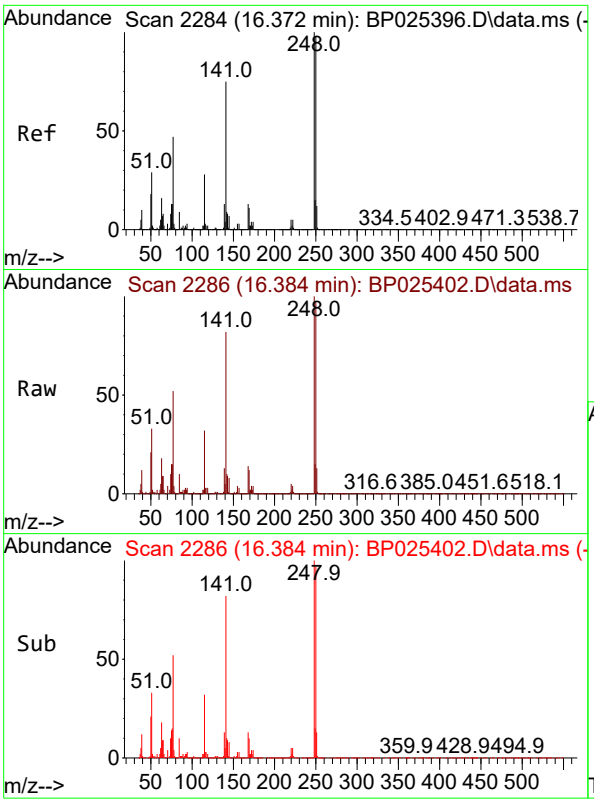


#66
n-Nitrosodiphenylamine
Concen: 47.265 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:169 Resp: 1290834

Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.2	79.8
167	35.0	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 46.761 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:248 Resp: 46060

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.2
141	82.2	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations
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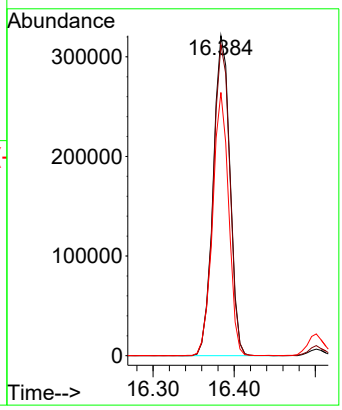
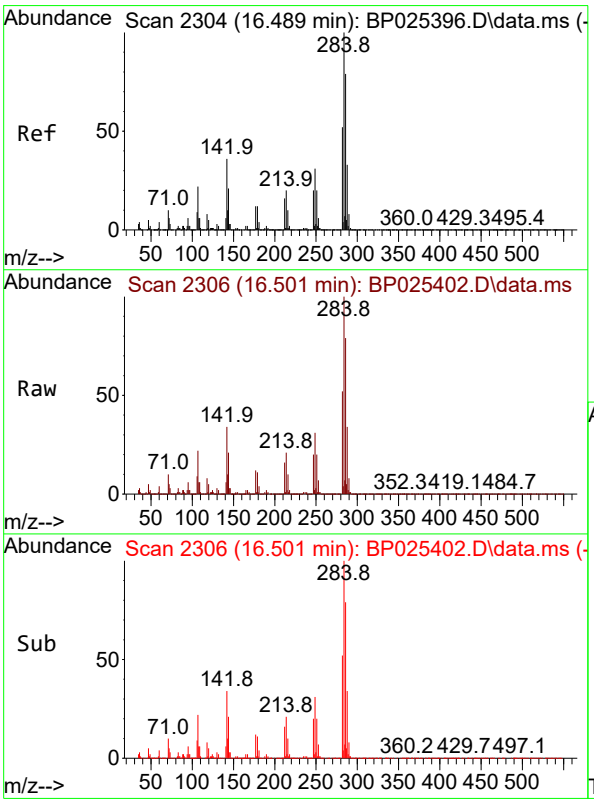
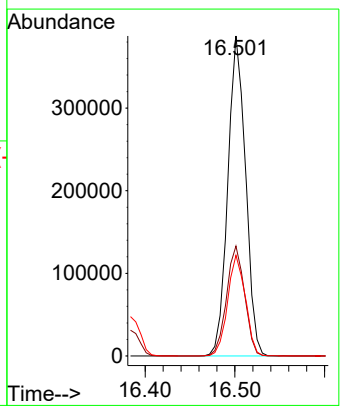


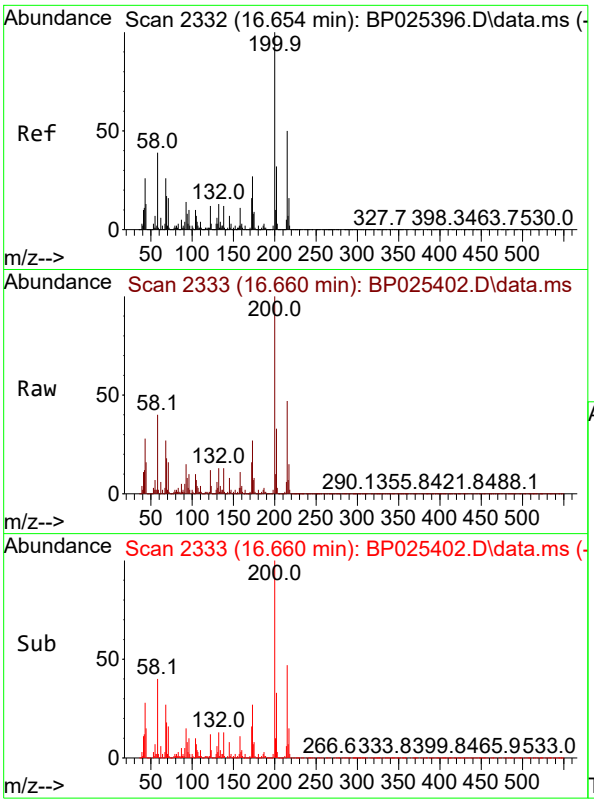


#68
Hexachlorobenzene
Concen: 46.564 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:284 Resp: 531682

Ion	Ratio	Lower	Upper
284	100		
142	34.4	29.1	43.7
249	31.5	25.0	37.4





#69
Atrazine
Concen: 48.184 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:200 Resp: 49282

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.7	46.7
215	47.3	29.7	69.7

Instrument :
BNA_P
ClientSampleId :
PB169210BS

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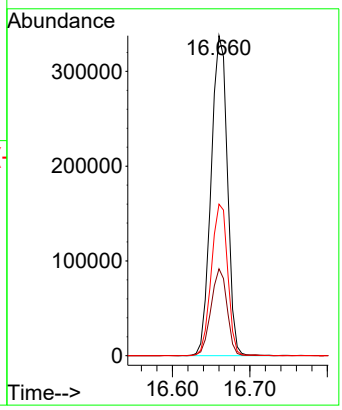
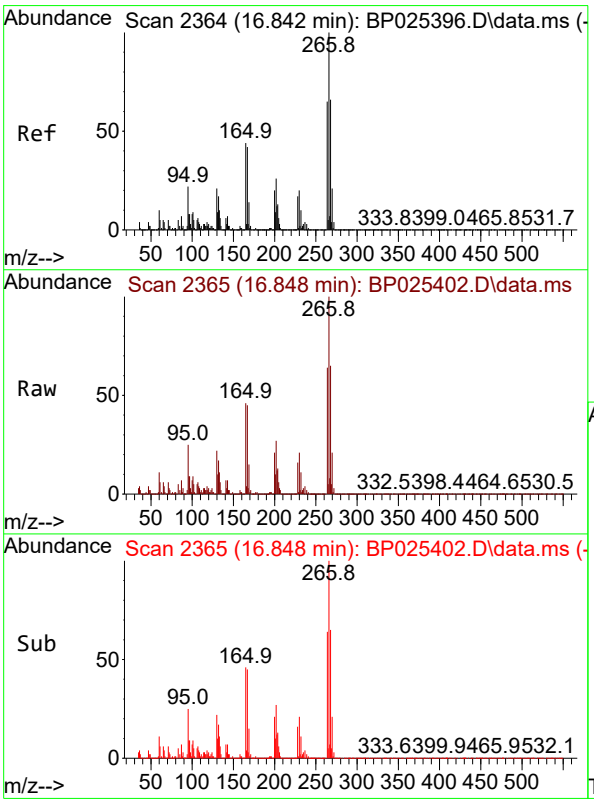
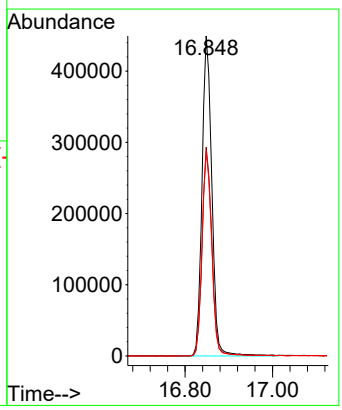


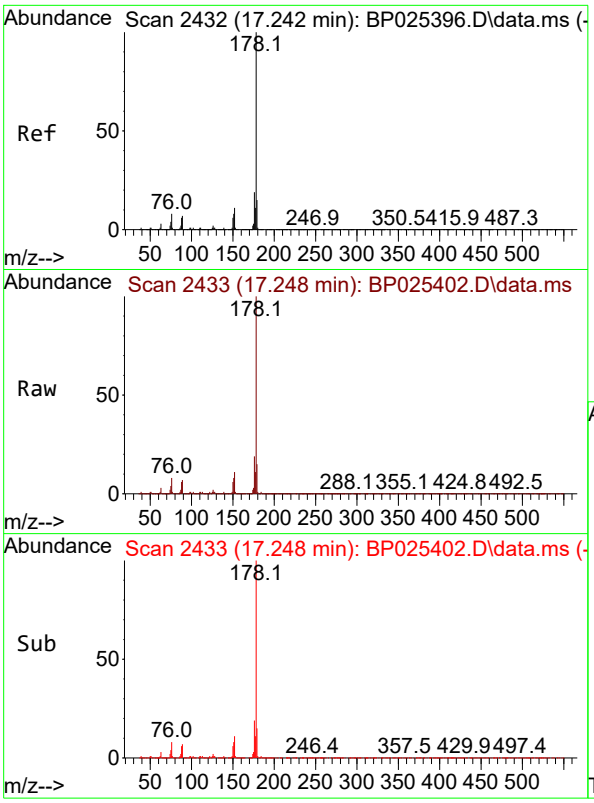


#70
Pentachlorophenol
Concen: 97.234 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:266 Resp: 700841

Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.6	79.0
264	64.0	52.0	78.0

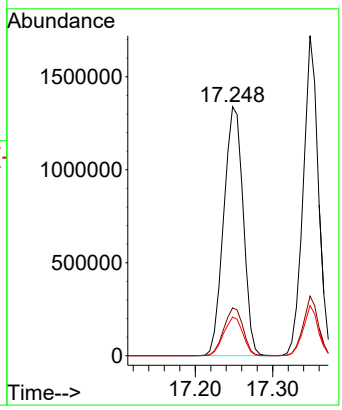




#71
Phenanthrene
Concen: 47.481 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:178 Resp: 233598

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.5	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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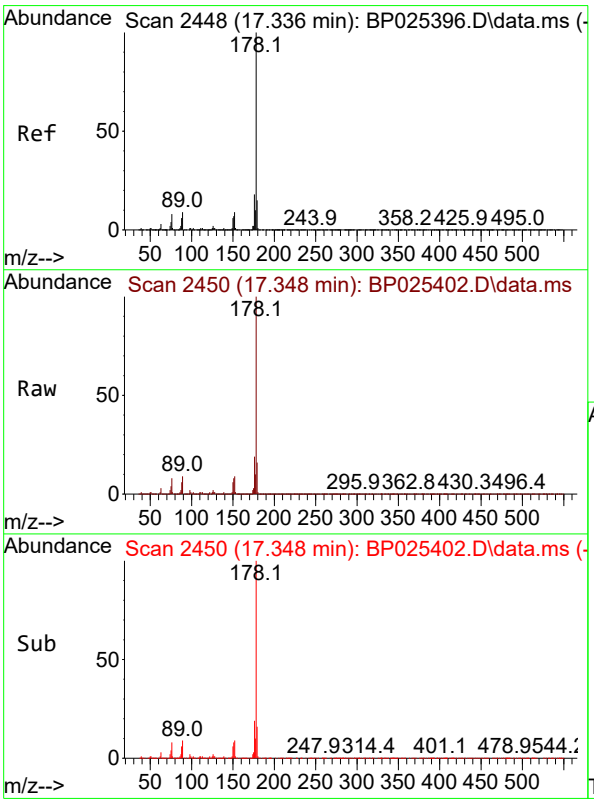
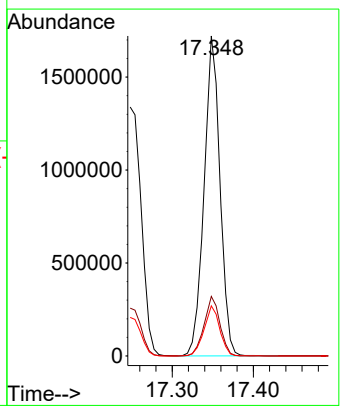
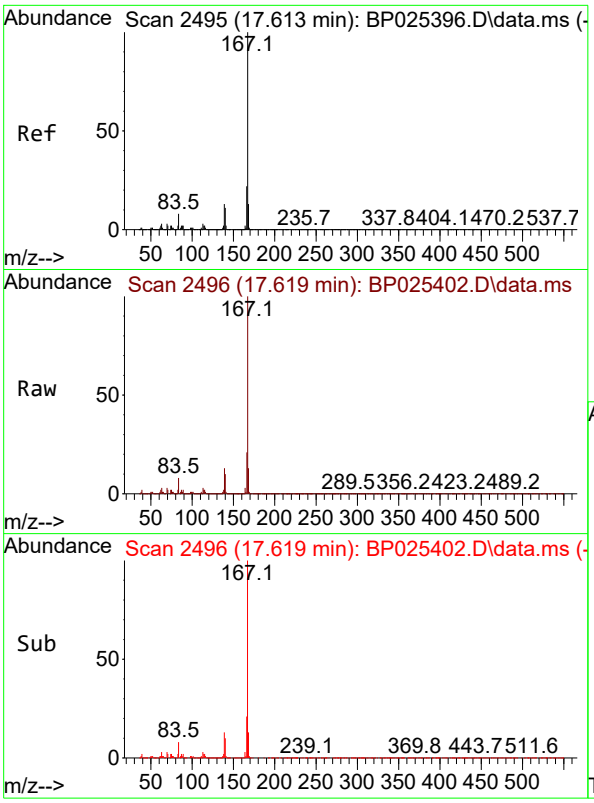


#72
Anthracene
Concen: 46.547 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:178 Resp: 2338590

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.7	12.2	18.2

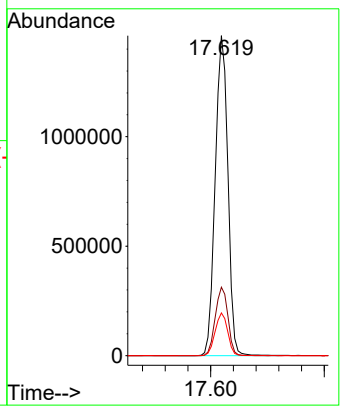




#73
Carbazole
Concen: 47.640 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:167 Resp: 225450

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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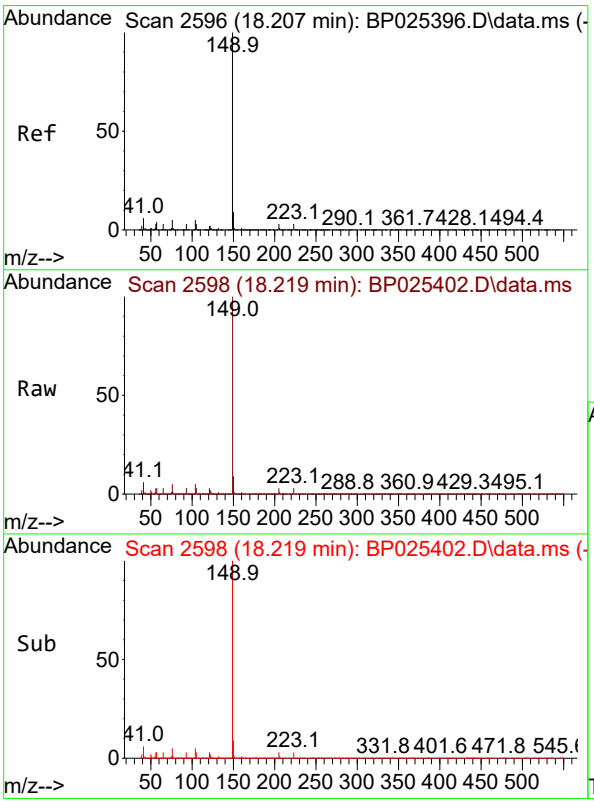
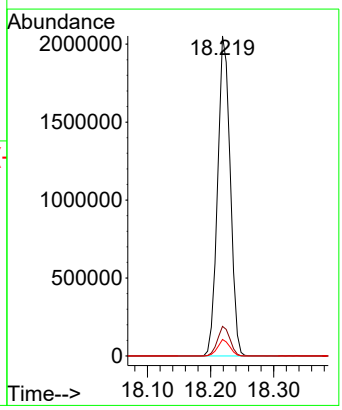
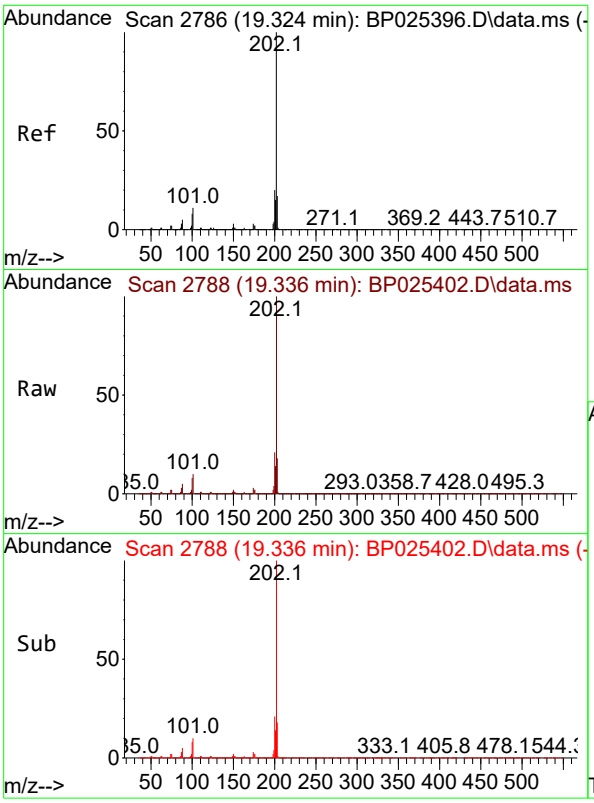


#74
Di-n-butylphthalate
Concen: 48.957 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:149 Resp: 2850461

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.2	4.2	6.2

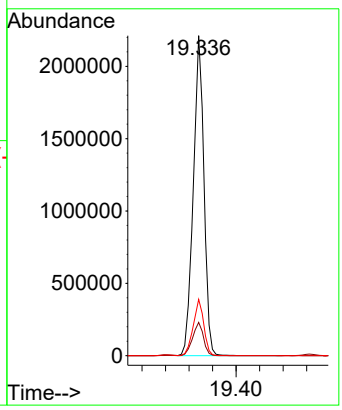




#75
Fluoranthene
Concen: 47.188 ng
RT: 19.336 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:202 Resp: 276923

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.1
203	17.6	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations
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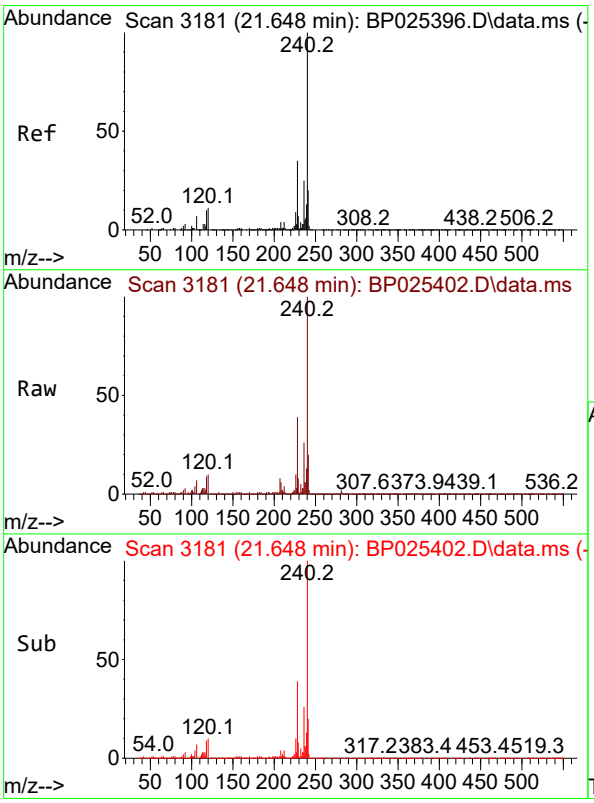
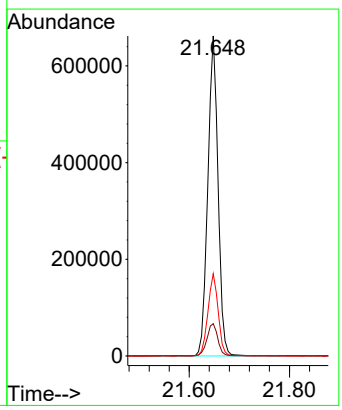
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

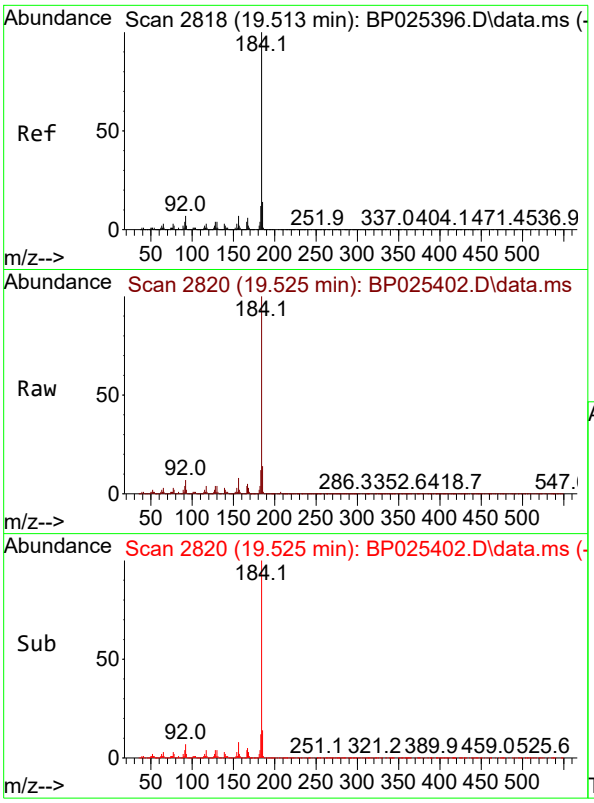


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:240 Resp: 937531

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.9	13.3
236	25.7	19.8	29.8

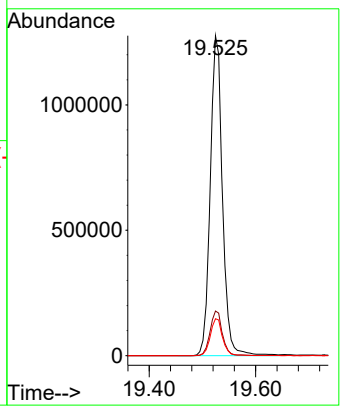




#77
Benzidine
Concen: 63.593 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:184 Resp: 203471

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	11.5	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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Reviewed By :Rahul Chavli 08/15/2025
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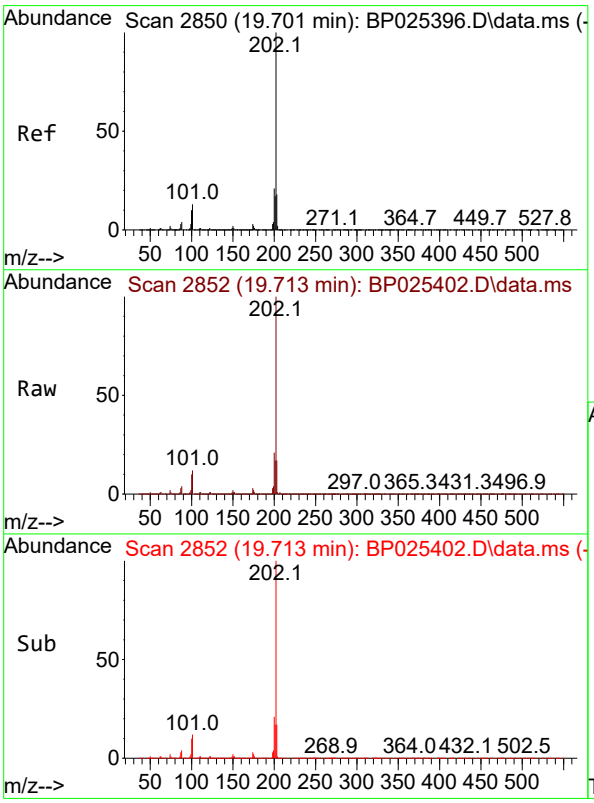
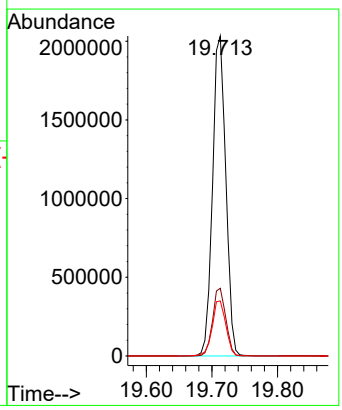
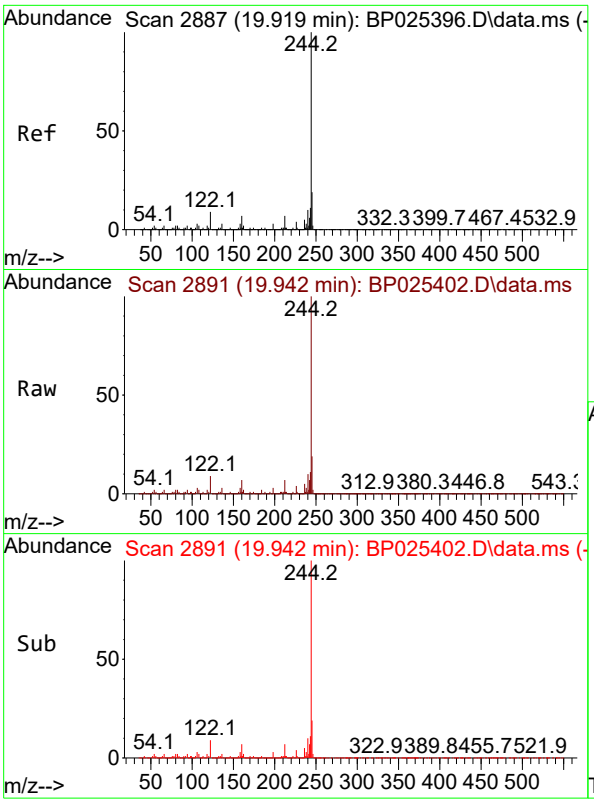


#78
Pyrene
Concen: 46.748 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:202 Resp: 2848697

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.2	14.2	21.2





#79
Terphenyl-d14
Concen: 83.062 ng
RT: 19.942 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:244 Resp: 425635

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.2	7.4	11.2

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations
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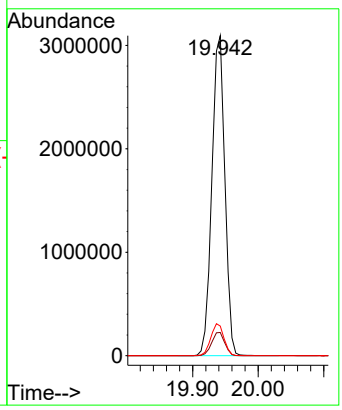
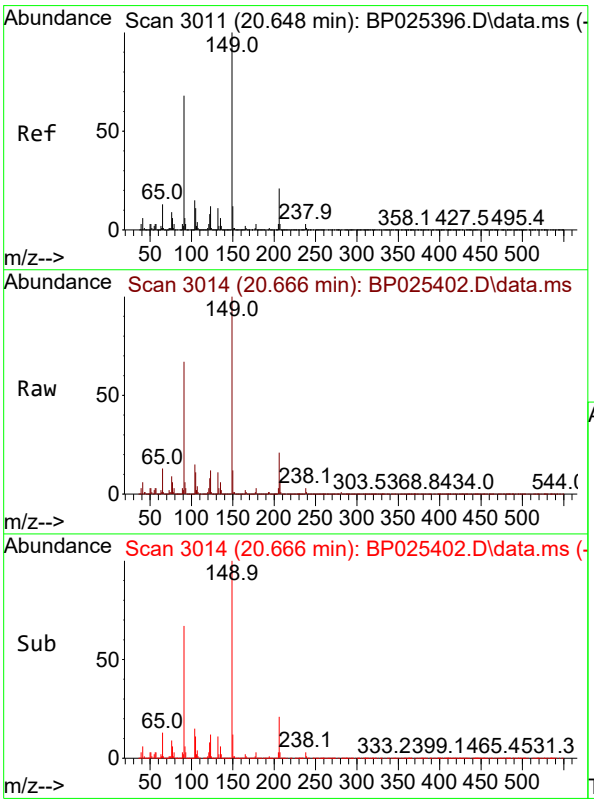
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

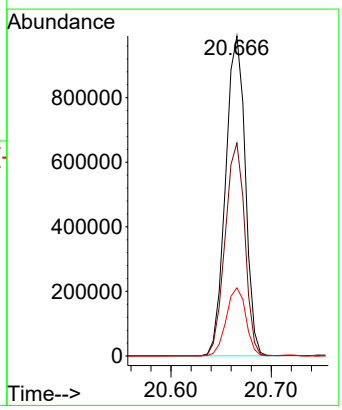


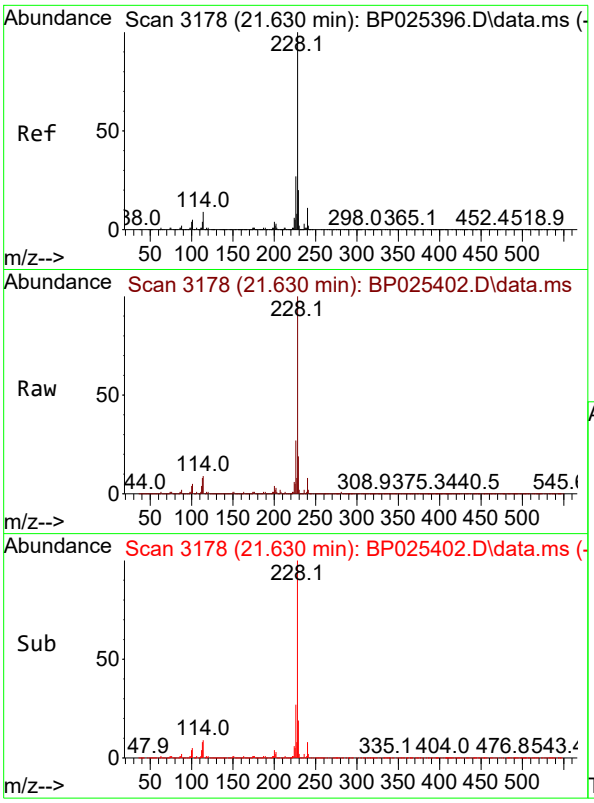


#80
Butylbenzylphthalate
Concen: 48.894 ng
RT: 20.666 min Scan# 3014
Delta R.T. 0.018 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:149 Resp: 1350312

Ion	Ratio	Lower	Upper
149	100		
91	66.6	54.2	81.2
206	21.3	16.6	24.8

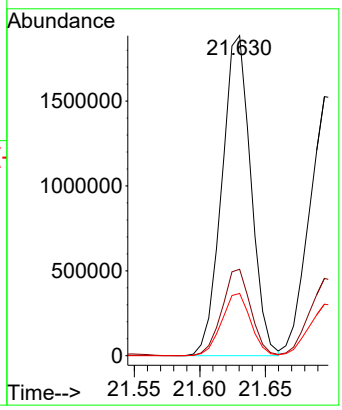




#81
Benzo(a)anthracene
Concen: 46.984 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:228 Resp: 290502

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations
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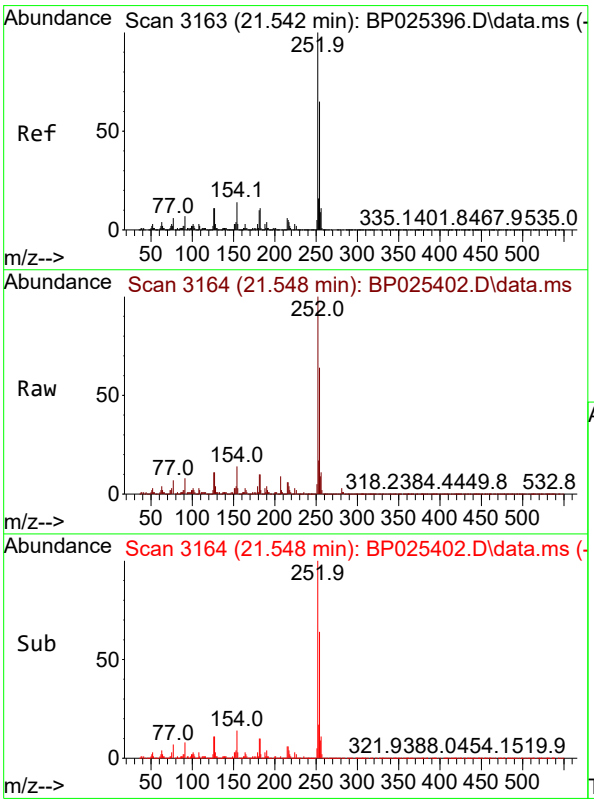
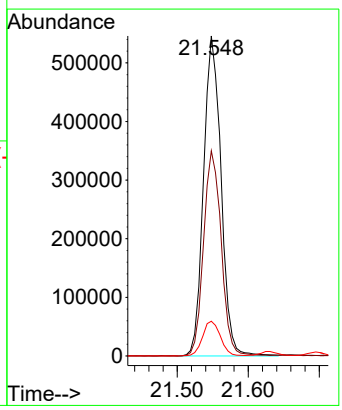
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

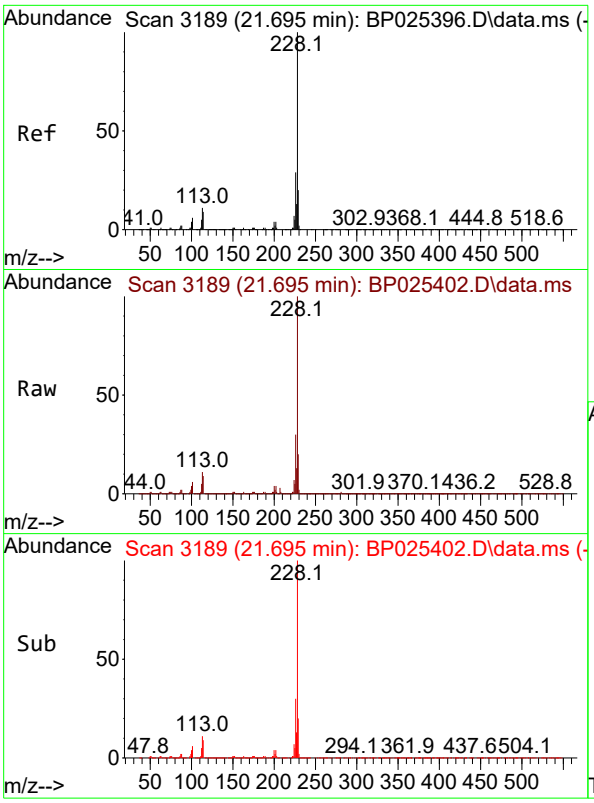


#82
3,3'-Dichlorobenzidine
Concen: 40.194 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:252 Resp: 936735

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.6
126	10.9	9.1	13.7

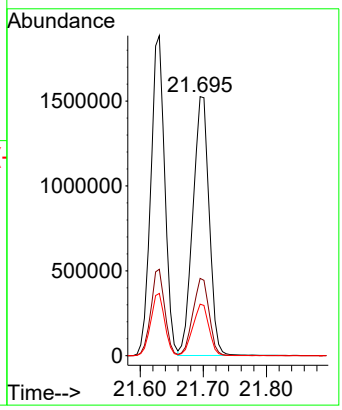




#83
Chrysene
Concen: 47.211 ng
RT: 21.695 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:228 Resp: 273373

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.2	34.8
229	19.9	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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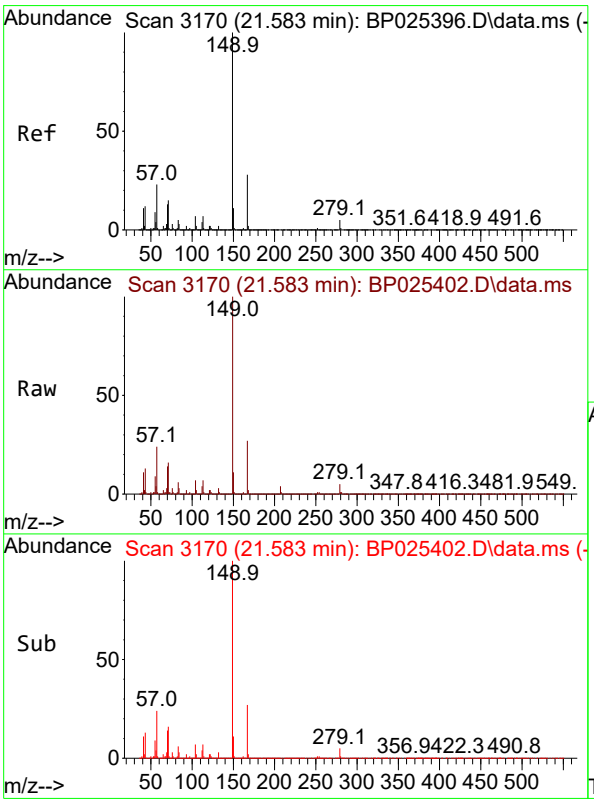
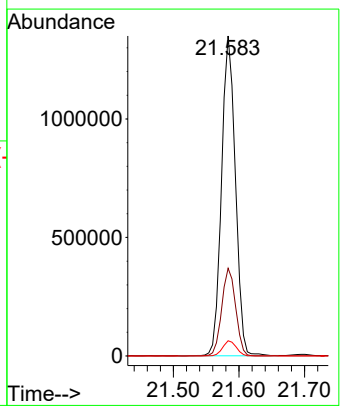
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

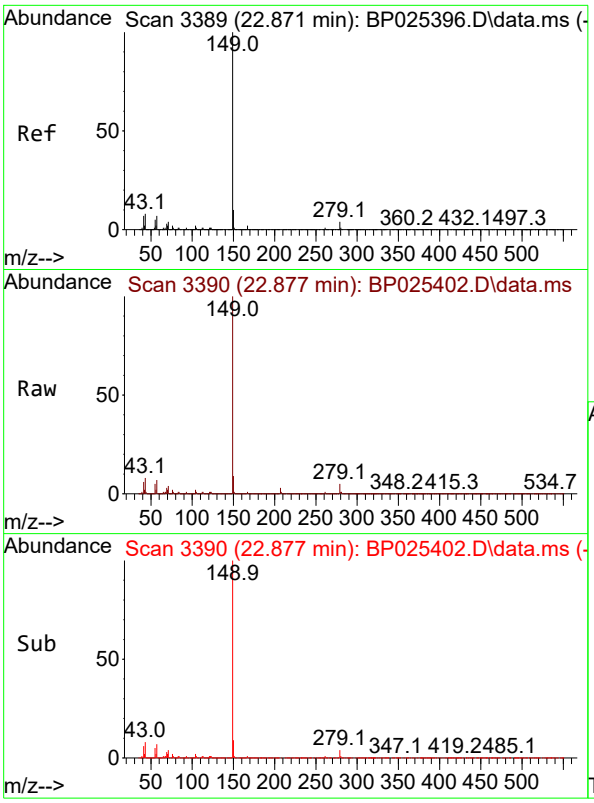


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.532 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:149 Resp: 1973001

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	4.7	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 47.320 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:149 Resp: 330892

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.3	9.5

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations
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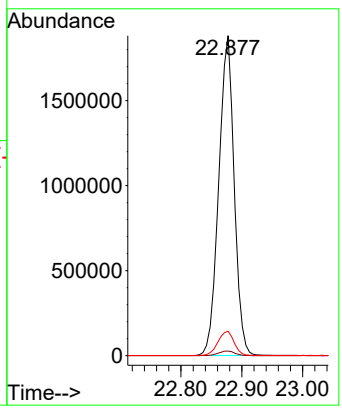
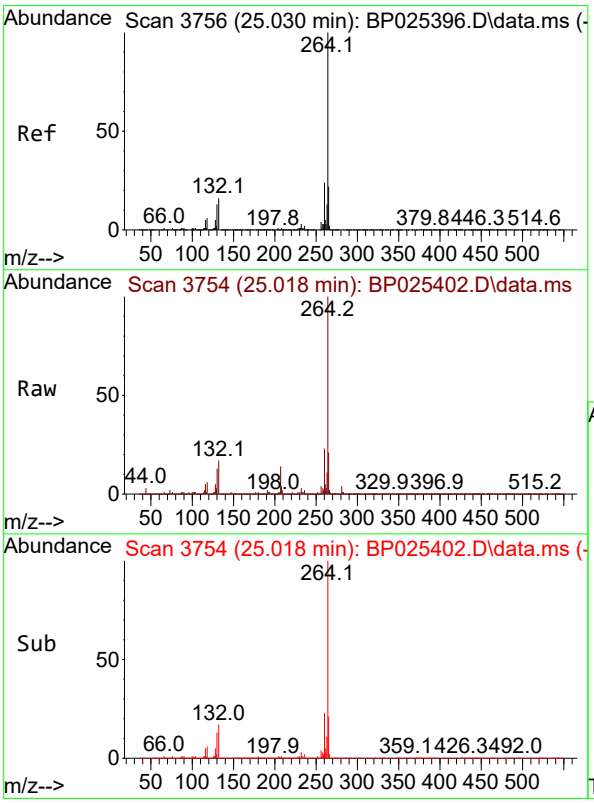
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

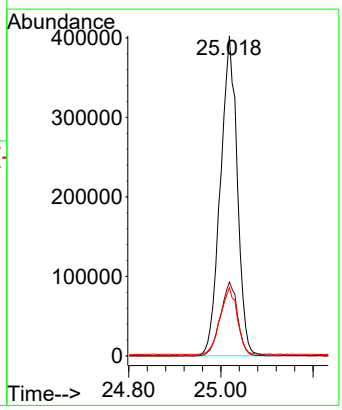


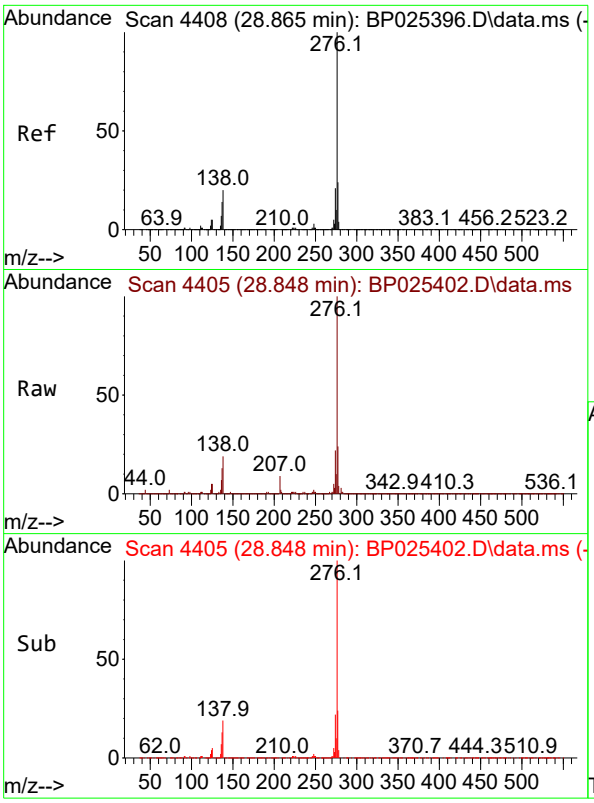


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:264 Resp: 1016818

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.3	17.4	26.0

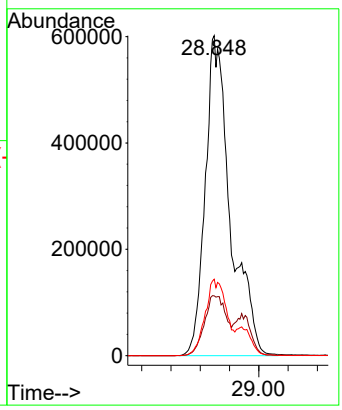




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.225 ng m
RT: 28.848 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:276 Resp: 359611

Ion	Ratio	Lower	Upper
276	100		
138	16.3	12.9	19.3
277	20.3	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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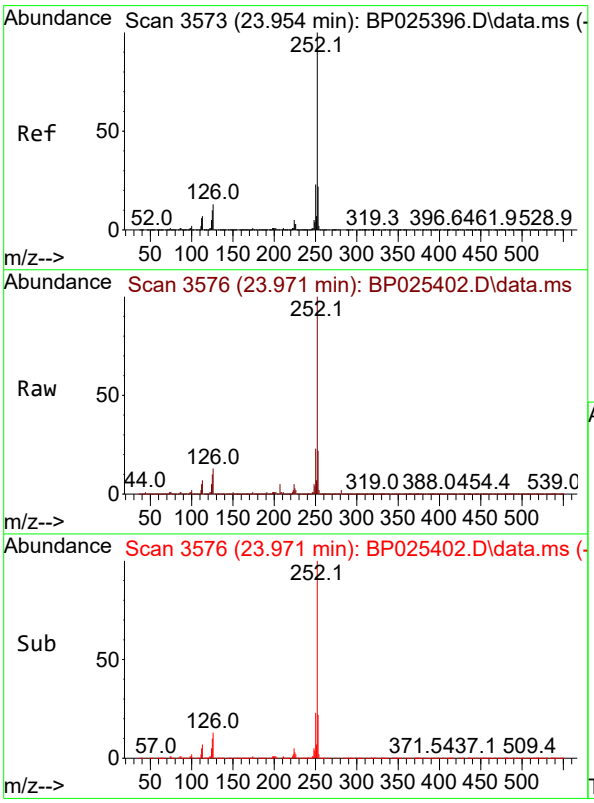
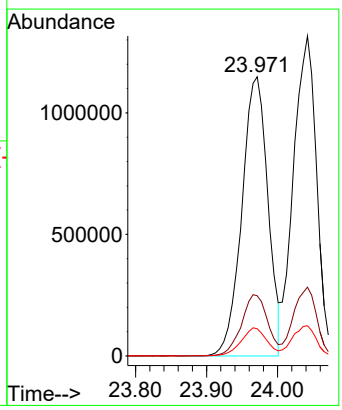
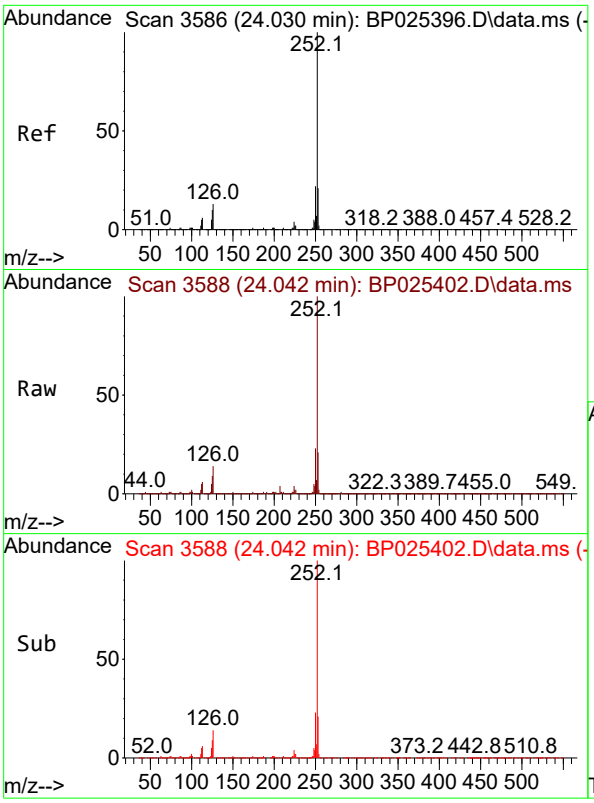


#88
Benzo(b)fluoranthene
Concen: 48.676 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:252 Resp: 2918542

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	9.7	7.9	11.9

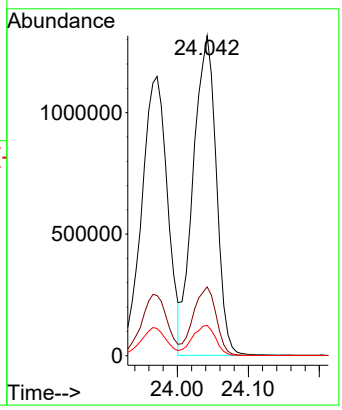




#89
Benzo(k)fluoranthene
Concen: 49.456 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:252 Resp: 296734

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	9.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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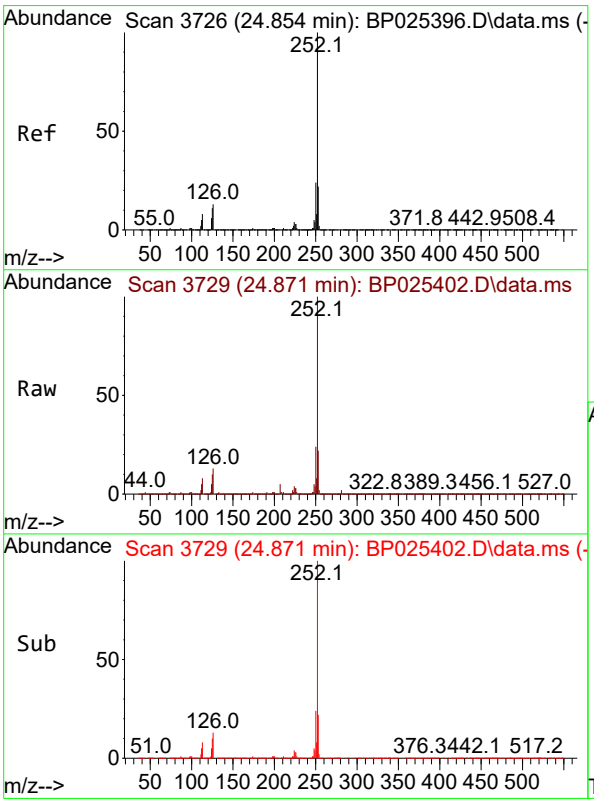
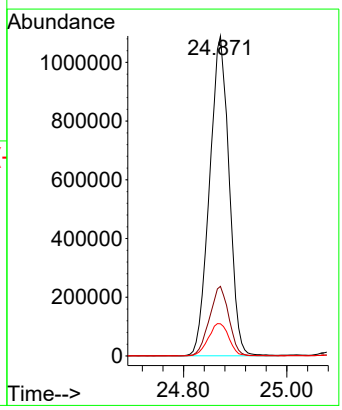
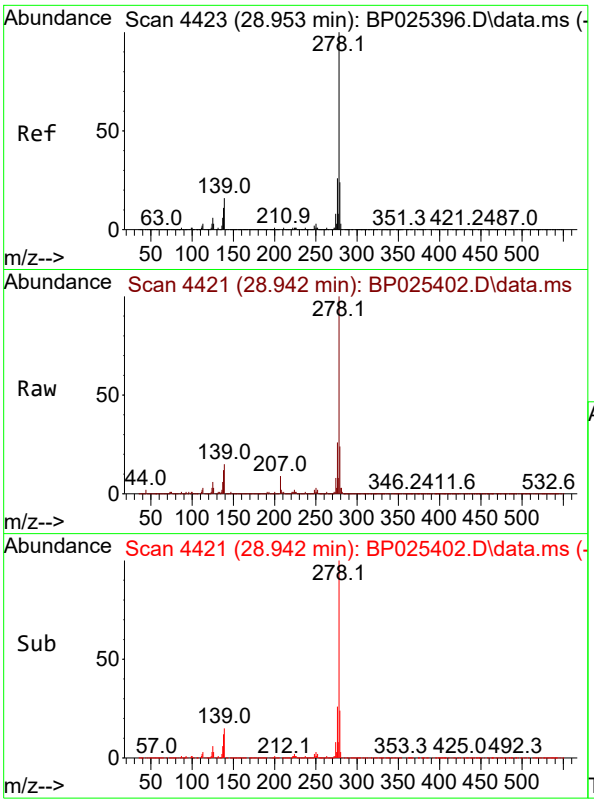


#90
Benzo(a)pyrene
Concen: 48.899 ng
RT: 24.871 min Scan# 3729
Delta R.T. 0.018 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:252 Resp: 2854031

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.1	8.7	13.1

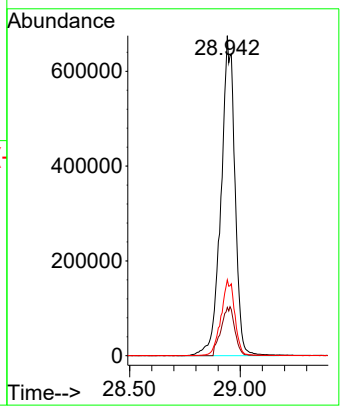




#91
Dibenzo(a,h)anthracene
Concen: 48.354 ng
RT: 28.942 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:278 Resp: 294661

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.0	19.4
279	23.7	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
PB169210BS

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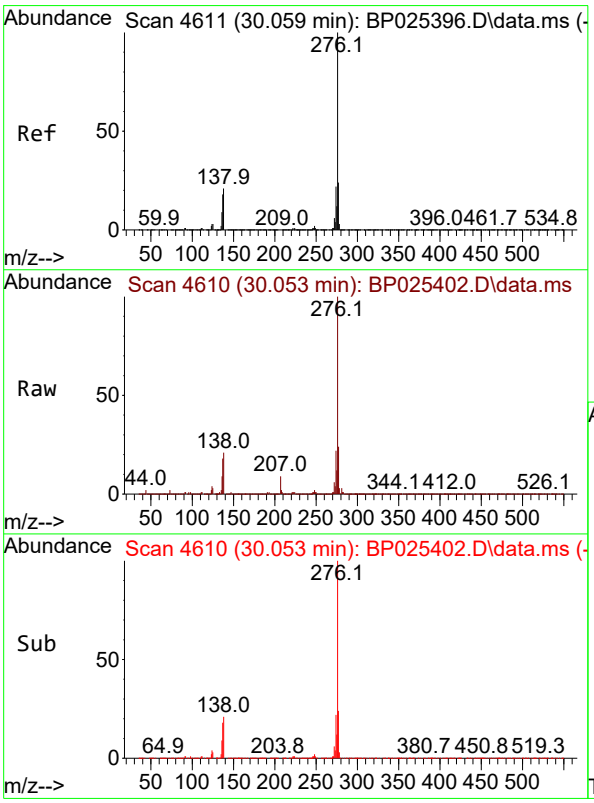
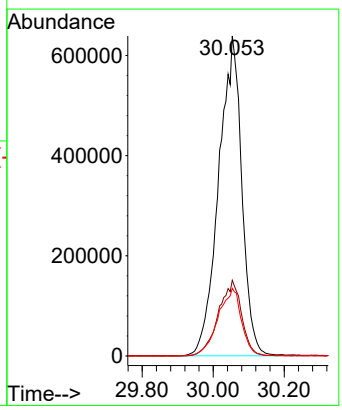


#92
Benzo(g,h,i)perylene
Concen: 48.068 ng
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:276 Resp: 2879368

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	21.1	16.7	25.1



Raw Data: **BF143367.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2818
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	820		120	240	ug/Kg
108-95-2	Phenol	1000		16.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		18.0	130	ug/Kg
95-57-8	2-Chlorophenol	1100		18.1	130	ug/Kg
95-48-7	2-Methylphenol	1100		22.1	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		27.8	130	ug/Kg
98-86-2	Acetophenone	1100		21.8	130	ug/Kg
65794-96-9	3+4-Methylphenols	1000		30.4	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		35.1	59.2	ug/Kg
67-72-1	Hexachloroethane	1200		13.0	130	ug/Kg
98-95-3	Nitrobenzene	1100		13.6	130	ug/Kg
78-59-1	Isophorone	1100		24.3	130	ug/Kg
88-75-5	2-Nitrophenol	1400		43.1	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		48.0	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		22.8	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		21.0	130	ug/Kg
91-20-3	Naphthalene	1100		16.8	130	ug/Kg
106-47-8	4-Chloroaniline	600		26.2	130	ug/Kg
87-68-3	Hexachlorobutadiene	1200		18.7	130	ug/Kg
105-60-2	Caprolactam	1200		38.6	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		21.3	130	ug/Kg
91-57-6	2-Methylnaphthalene	1000		19.0	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	E	85.9	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		14.7	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		21.6	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.1	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.7	130	ug/Kg
88-74-4	2-Nitroaniline	1200		35.6	130	ug/Kg
131-11-3	Dimethylphthalate	1200		20.1	130	ug/Kg

Raw Data: **BF143367.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2818
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		21.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		24.9	130	ug/Kg
99-09-2	3-Nitroaniline	820		34.1	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	170	240	ug/Kg
100-02-7	4-Nitrophenol	1900		79.2	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		37.1	130	ug/Kg
84-66-2	Diethylphthalate	1200		21.0	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		19.8	130	ug/Kg
86-73-7	Fluorene	1100		18.7	130	ug/Kg
100-01-6	4-Nitroaniline	1200		47.5	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		76.3	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		24.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		20.6	130	ug/Kg
118-74-1	Hexachlorobenzene	1200		18.7	130	ug/Kg
1912-24-9	Atrazine	1400		25.2	130	ug/Kg
87-86-5	Pentachlorophenol	2300	E	38.0	240	ug/Kg
85-01-8	Phenanthrene	1100		15.5	130	ug/Kg
120-12-7	Anthracene	1100		24.7	130	ug/Kg
86-74-8	Carbazole	1100		23.1	130	ug/Kg
84-74-2	Di-n-butylphthalate	1600		35.5	130	ug/Kg
206-44-0	Fluoranthene	1200		22.2	130	ug/Kg
129-00-0	Pyrene	870		26.7	130	ug/Kg
85-68-7	Butylbenzylphthalate	1800		52.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	960		27.2	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.0	130	ug/Kg
218-01-9	Chrysene	1100		14.7	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		43.8	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		64.3	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		14.1	130	ug/Kg

Raw Data: **BF143367.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2818
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		16.6	130	ug/Kg
50-32-8	Benzo(a)pyrene	1200		21.8	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.6	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		20.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.0	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		19.0	130	ug/Kg
123-91-1	1,4-Dioxane	980		33.5	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		20.3	130	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	95.7		18 - 112	64%	SPK: 150
13127-88-3	Phenol-d6	95.4		15 - 107	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.4		18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.9		20 - 109	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		10 - 116	81%	SPK: 150
1718-51-0	Terphenyl-d14	58.4		10 - 105	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	138000	6.928			
1146-65-2	Naphthalene-d8	517000	8.21			
15067-26-2	Acenaphthene-d10	273000	9.963			
1517-22-2	Phenanthrene-d10	392000	11.451			
1719-03-5	Chrysene-d12	309000	14.092			
1520-96-3	Perylene-d12	383000	15.58			

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: **BF143367.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143367.D
Acq On : 13 Aug 2025 11:12
Operator : RC/JU
Sample : Q2830-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 11:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/14/2025
Supervised By :Jagrut Upadhyay

08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137804	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	517024	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	272568	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	391965	20.000	ng	0.00
76) Chrysene-d12	14.092	240	309493	20.000	ng	0.00
86) Perylene-d12	15.580	264	383464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	762938	95.739	ng	0.00
7) Phenol-d6	6.563	99	975086	95.417	ng	0.00
23) Nitrobenzene-d5	7.487	82	626187	75.422	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	241161	121.066	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1107824	68.922	ng	0.00
79) Terphenyl-d14	13.027	244	1013154	58.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	163035	39.537	ng	99
3) Pyridine	3.575	79	438470	39.902	ng	100
4) n-Nitrosodimethylamine	3.510	42	231473	45.221	ng	99
6) Aniline	6.592	93	442543	30.717	ng	95
8) 2-Chlorophenol	6.722	128	387249	45.478	ng	96
9) Benzaldehyde	6.481	77	223837	33.140	ng	98
10) Phenol	6.575	94	499579	41.267	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	401332	44.981	ng	99
12) 1,3-Dichlorobenzene	6.875	146	434984	44.288	ng	99
13) 1,4-Dichlorobenzene	6.945	146	436306	44.261	ng	99
14) 1,2-Dichlorobenzene	7.098	146	419380	44.818	ng	100
15) Benzyl Alcohol	7.069	79	344289	47.000	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	711810	44.687	ng	97
17) 2-Methylphenol	7.181	107	310496	43.198	ng	100
18) Hexachloroethane	7.445	117	149347	48.325	ng	96
19) n-Nitroso-di-n-propyla...	7.334	70	280271	44.386	ng	97
20) 3+4-Methylphenols	7.334	107	369644	42.523	ng	95
22) Acetophenone	7.334	105	511443	44.896	ng	97
24) Nitrobenzene	7.504	77	418648	46.430	ng	99
25) Isophorone	7.745	82	768386	45.335	ng	99
26) 2-Nitrophenol	7.822	139	203194	55.608	ng	99
27) 2,4-Dimethylphenol	7.863	122	349296m	49.398	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	478776	46.267	ng	100
29) 2,4-Dichlorophenol	8.069	162	324090	46.926	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	347348	47.679	ng	99
31) Naphthalene	8.234	128	1089838	43.806	ng	100
32) Benzoic acid	7.975	122	193304	58.598	ng	99
33) 4-Chloroaniline	8.275	127	219162	24.424	ng	99
34) Hexachlorobutadiene	8.351	225	213552	47.123	ng	100
35) Caprolactam	8.645	113	95843	49.365	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	325053	44.895	ng	99
37) 2-Methylnaphthalene	8.922	142	660623	40.391	ng	99
38) 1-Methylnaphthalene	9.022	142	682387	43.320	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	340812	45.694	ng	99
41) Hexachlorocyclopentadiene	9.081	237	306137	113.347	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	214621	50.715	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143367.D
Acq On : 13 Aug 2025 11:12
Operator : RC/JU
Sample : Q2830-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 11:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
08/14/2025
Supervised By :Jagrut Upadhyay
08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	229789	48.084	ng		98
46) 1,1'-Biphenyl	9.386	154	876424	45.476	ng		99
47) 2-Chloronaphthalene	9.410	162	670874	44.200	ng		99
48) 2-Nitroaniline	9.504	65	209062	47.772	ng		99
49) Acenaphthylene	9.828	152	1078567	49.207	ng		100
50) Dimethylphthalate	9.680	163	767406	48.184	ng		100
51) 2,6-Dinitrotoluene	9.739	165	165224	54.402	ng		97
52) Acenaphthene	9.998	154	682321	46.824	ng		99
53) 3-Nitroaniline	9.910	138	108458	33.253	ng		98
54) 2,4-Dinitrophenol	10.022	184	128950	93.173	ng	#	82
55) Dibenzofuran	10.169	168	930157	44.351	ng		100
56) 4-Nitrophenol	10.080	139	201185	77.373	ng		96
57) 2,4-Dinitrotoluene	10.145	165	215672	53.556	ng		93
58) Fluorene	10.516	166	710470	44.351	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	187331	58.151	ng		97
60) Diethylphthalate	10.380	149	719937	50.466	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	352284	45.513	ng		99
62) 4-Nitroaniline	10.522	138	150805	47.789	ng		99
63) Azobenzene	10.663	77	785525	48.208	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	98616	60.040	ng		95
66) n-Nitrosodiphenylamine	10.622	169	608929	47.180	ng		99
67) 4-Bromophenyl-phenylether	10.992	248	215964	48.176	ng		98
68) Hexachlorobenzene	11.063	284	225664	46.702	ng		98
69) Atrazine	11.145	200	184901	54.927	ng		99
70) Pentachlorophenol	11.257	266	226544	94.613	ng		97
71) Phenanthrene	11.474	178	960966	44.935	ng		99
72) Anthracene	11.527	178	994942	45.875	ng		99
73) Carbazole	11.680	167	820685	44.432	ng		99
74) Di-n-butylphthalate	12.004	149	1030302	65.918	ng		100
75) Fluoranthene	12.663	202	909808	48.568	ng		99
77) Benzidine	12.780	184	293910	34.736	ng		99
78) Pyrene	12.892	202	914572	35.225	ng		100
80) Butylbenzylphthalate	13.504	149	381128	72.449	ng		97
81) Benzo(a)anthracene	14.080	228	899115	45.707	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	206592	38.894	ng		98
83) Chrysene	14.115	228	830343	45.269	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	559729	71.994	ng		98
85) Di-n-octyl phthalate	14.674	149	1029373	65.934	ng		98
87) Indeno(1,2,3-cd)pyrene	17.104	276	1220480	44.425	ng		100
88) Benzo(b)fluoranthene	15.145	252	1021721	48.714	ng		99
89) Benzo(k)fluoranthene	15.174	252	918699	45.078	ng		99
90) Benzo(a)pyrene	15.515	252	951612	48.173	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	979680	44.637	ng		100
92) Benzo(g,h,i)perylene	17.562	276	974809	44.090	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143367.D
Acq On : 13 Aug 2025 11:12
Operator : RC/JU
Sample : Q2830-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 11:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

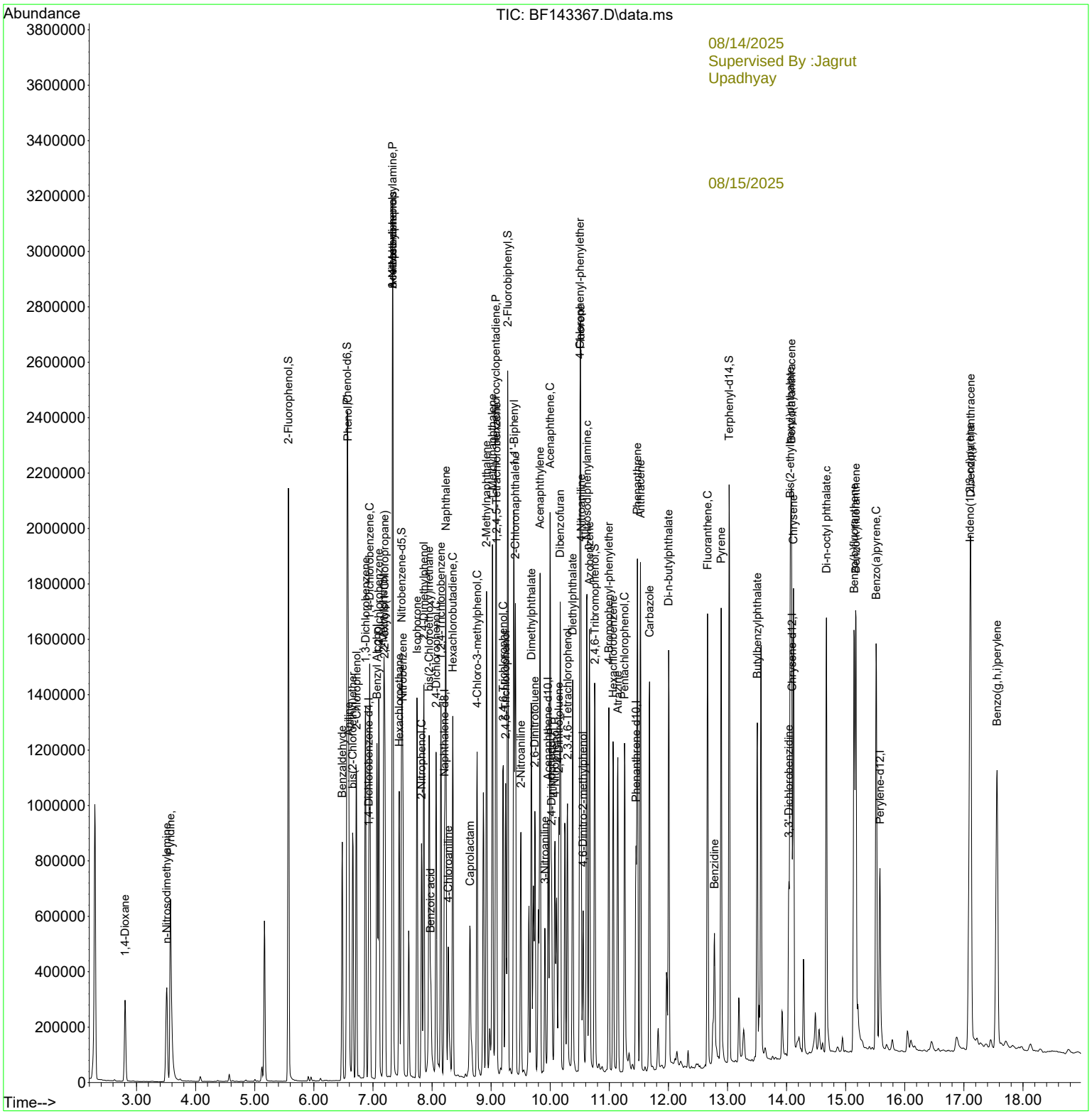
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

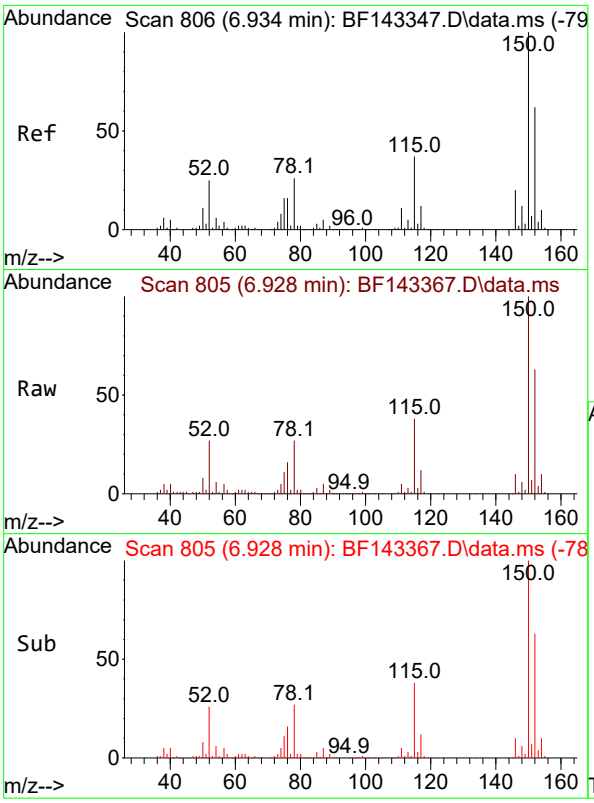
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/14/2025
Supervised By :Jagrut Upadhyay

08/15/2025

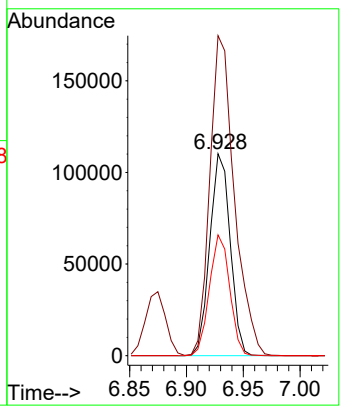




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:152 Resp: 13780

Ion	Ratio	Lower	Upper
152	100		
150	158.5	129.8	194.8
115	59.9	47.8	71.8



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

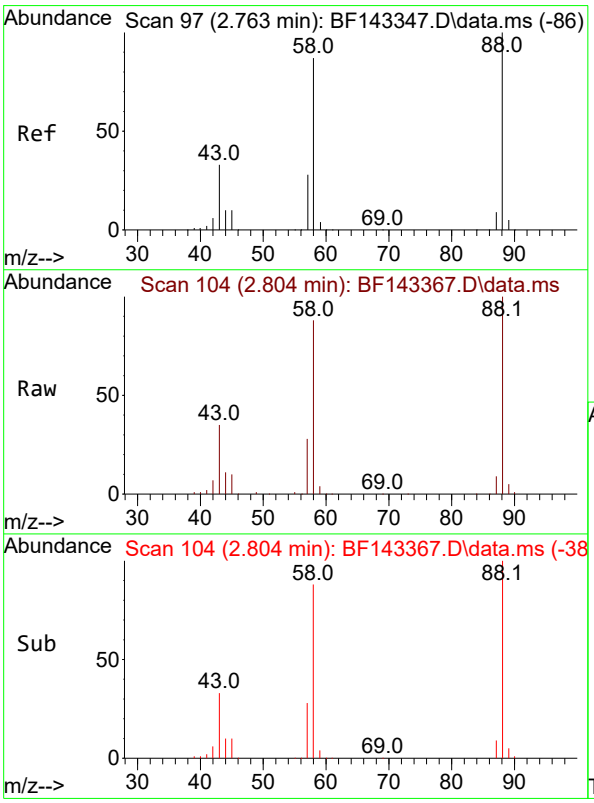
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/14/2025

Supervised By :Jagrut Upadhyay

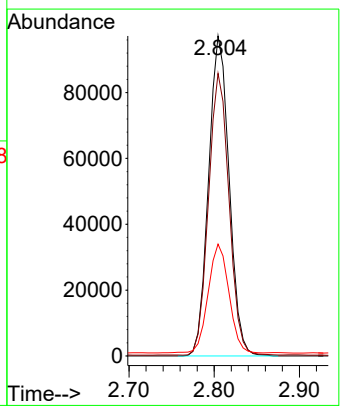
08/15/2025

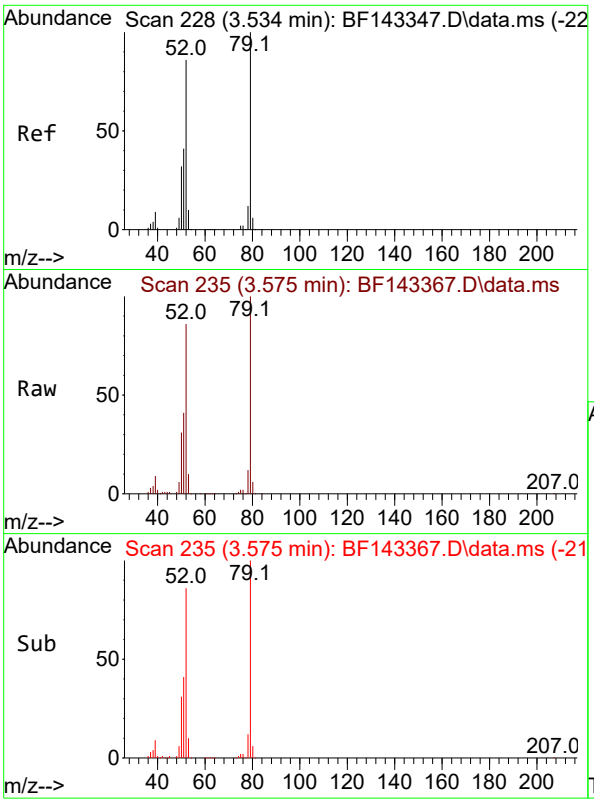


#2
1,4-Dioxane
Concen: 39.537 ng
RT: 2.804 min Scan# 104
Delta R.T. 0.041 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 88 Resp: 163035

Ion	Ratio	Lower	Upper
88	100		
58	87.6	71.0	106.6
43	34.3	27.0	40.6

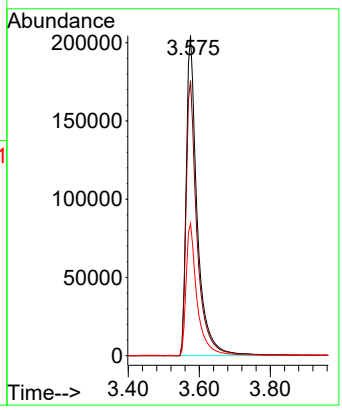




#3
Pyridine
Concen: 39.902 ng
RT: 3.575 min Scan# 2
Delta R.T. 0.041 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 79 Resp: 43847

Ion	Ratio	Lower	Upper
79	100		
52	85.9	68.7	103.1
51	41.3	33.4	50.0



Instrument :
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ClientSampleId :
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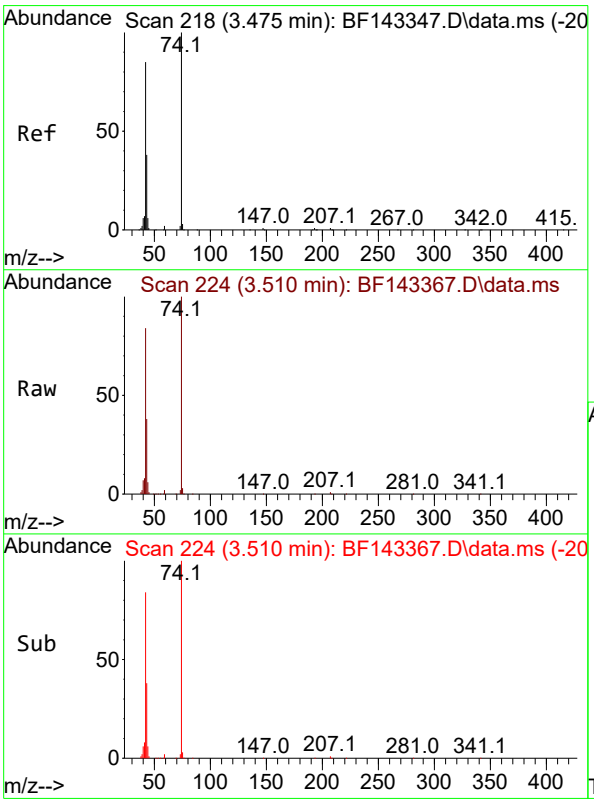
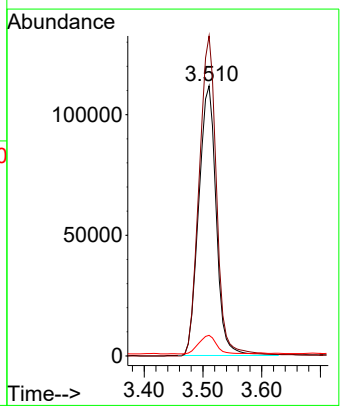
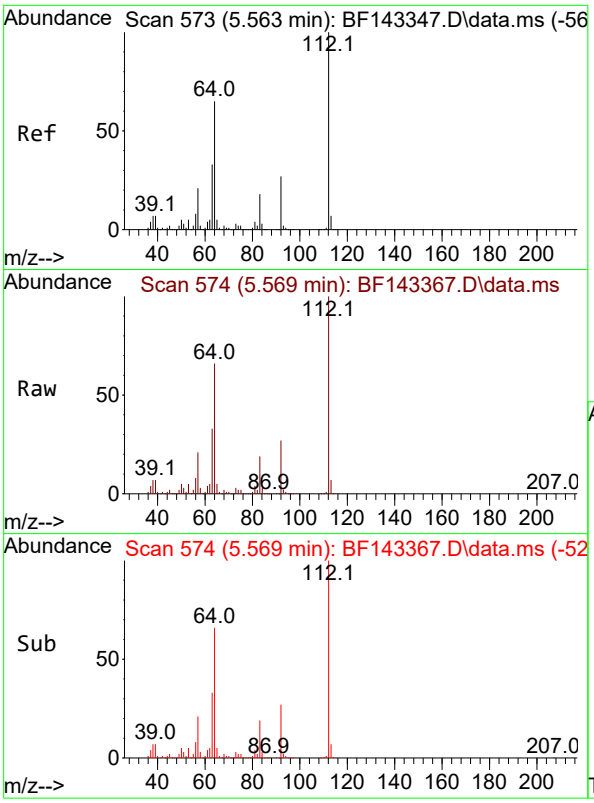


#4
n-Nitrosodimethylamine
Concen: 45.221 ng
RT: 3.510 min Scan# 224
Delta R.T. 0.035 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 42 Resp: 231473

Ion	Ratio	Lower	Upper
42	100		
74	118.5	94.1	141.1
44	7.7	6.5	9.7

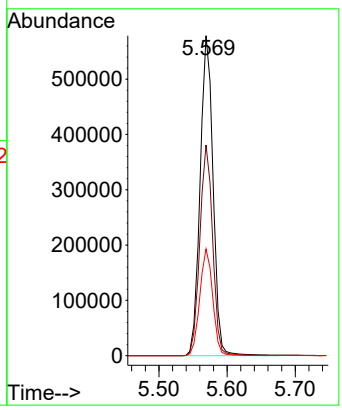




#5
2-Fluorophenol
Concen: 95.739 ng
RT: 5.569 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:112 Resp: 76293

Ion	Ratio	Lower	Upper
112	100		
64	65.8	52.1	78.1
63	33.3	26.6	39.8



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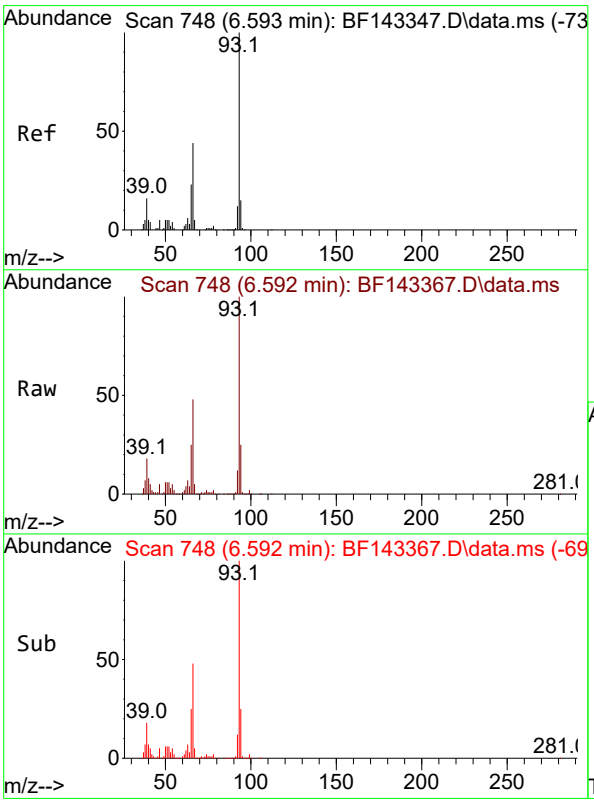
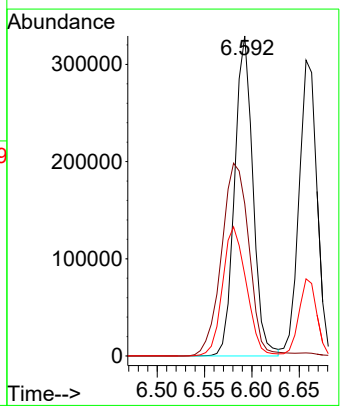
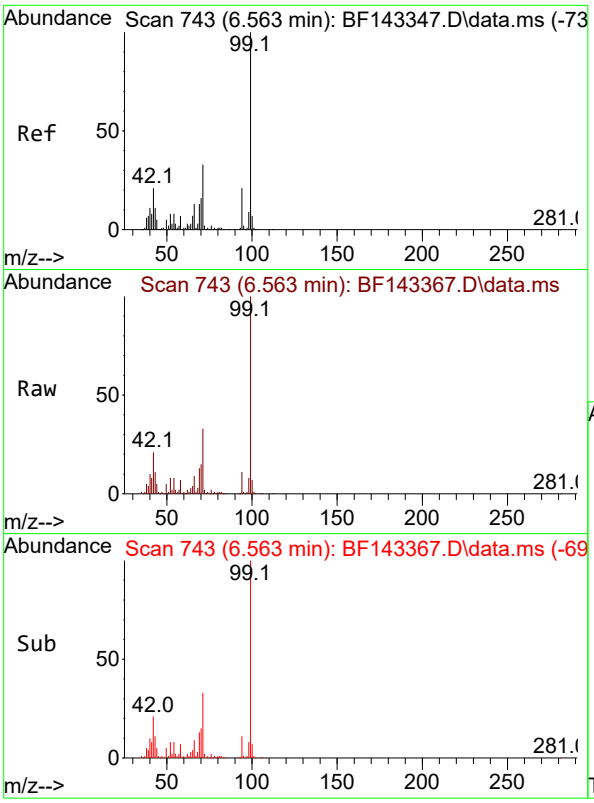


#6
Aniline
Concen: 30.717 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 93 Resp: 442543

Ion	Ratio	Lower	Upper
93	100		
66	47.6	35.3	52.9
65	25.4	18.2	27.4

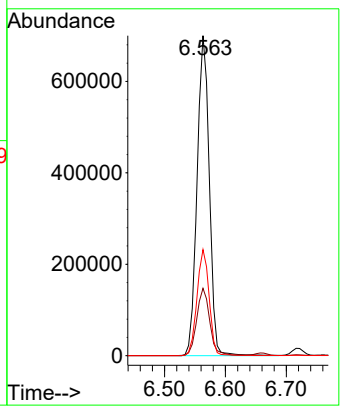




#7
Phenol-d6
Concen: 95.417 ng
RT: 6.563 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 99 Resp: 97508

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.6	25.0
71	33.2	26.2	39.2



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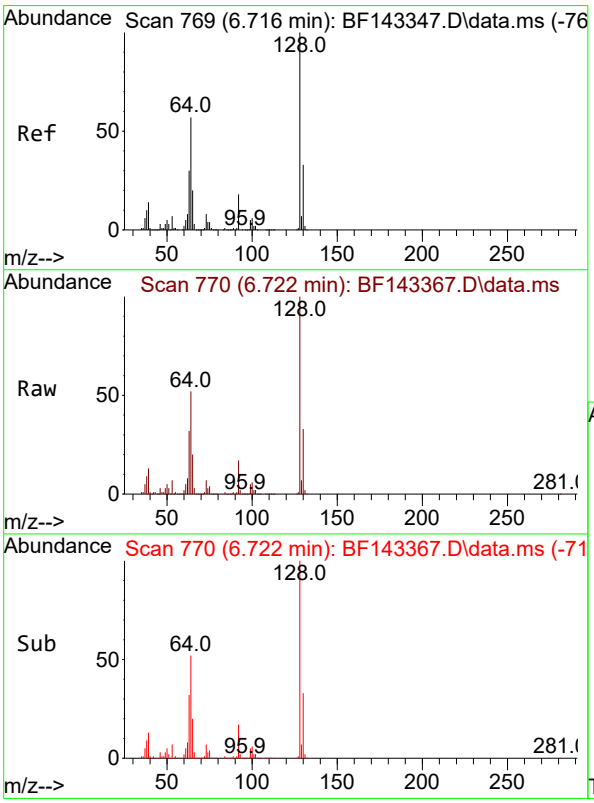
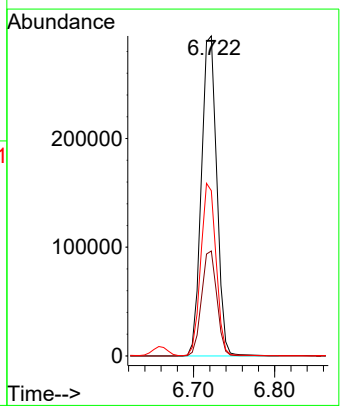
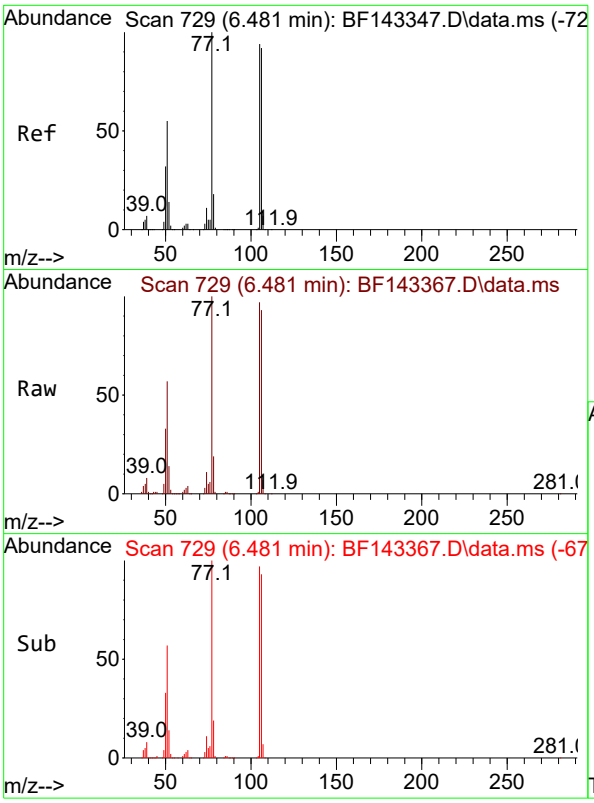


#8
2-Chlorophenol
Concen: 45.478 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:128 Resp: 387249

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	51.7	36.7	76.7

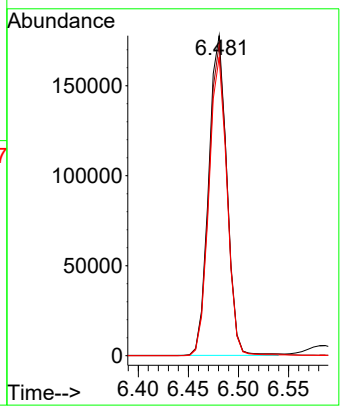




#9
Benzaldehyde
Concen: 33.140 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 77 Resp: 22383

Ion	Ratio	Lower	Upper
77	100		
105	97.2	74.2	114.2
106	93.3	72.2	112.2



Instrument :
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ClientSampleId :
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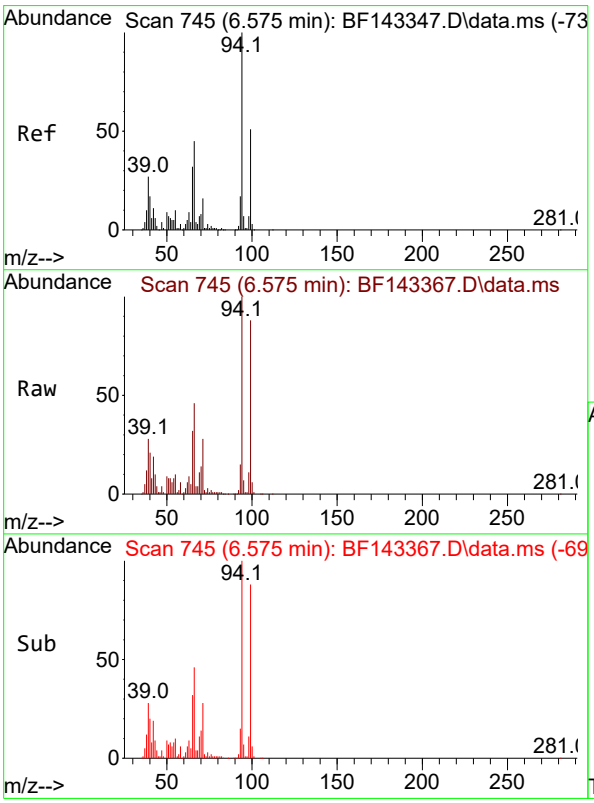
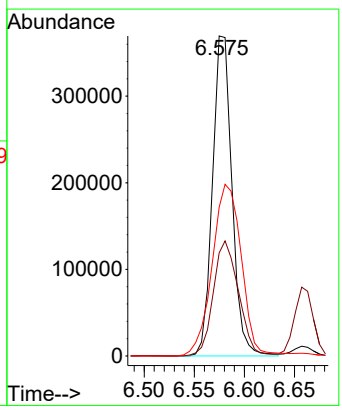
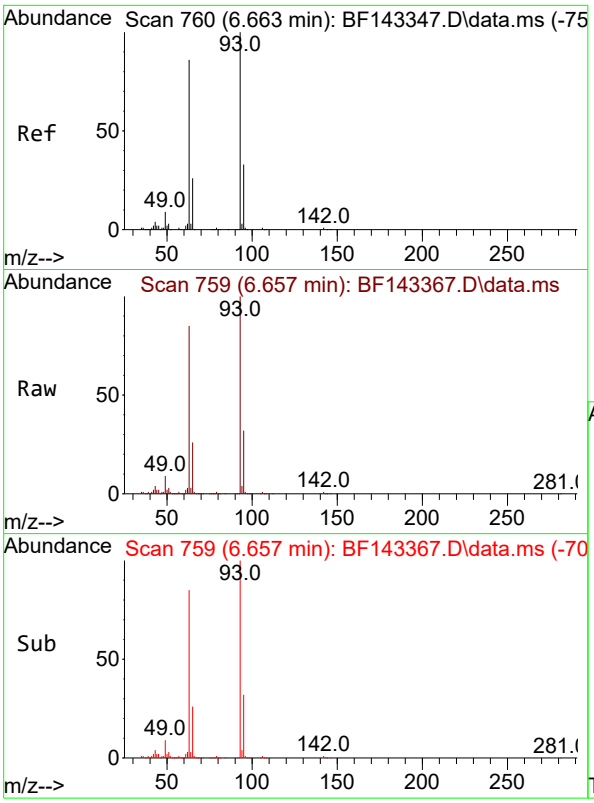


#10
Phenol
Concen: 41.267 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 94 Resp: 499579

Ion	Ratio	Lower	Upper
94	100		
65	32.2	12.0	52.0
66	46.4	25.6	65.6

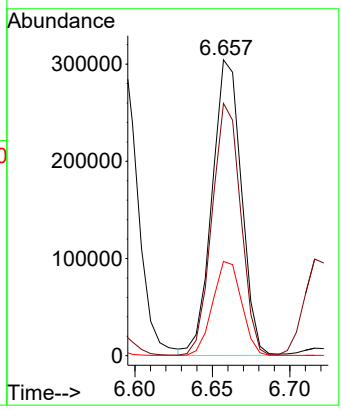




#11
bis(2-Chloroethyl)ether
Concen: 44.981 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 93 Resp: 40133

Ion	Ratio	Lower	Upper
93	100		
63	85.3	65.7	105.7
95	31.8	13.0	53.0



Instrument :
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ClientSampleId :
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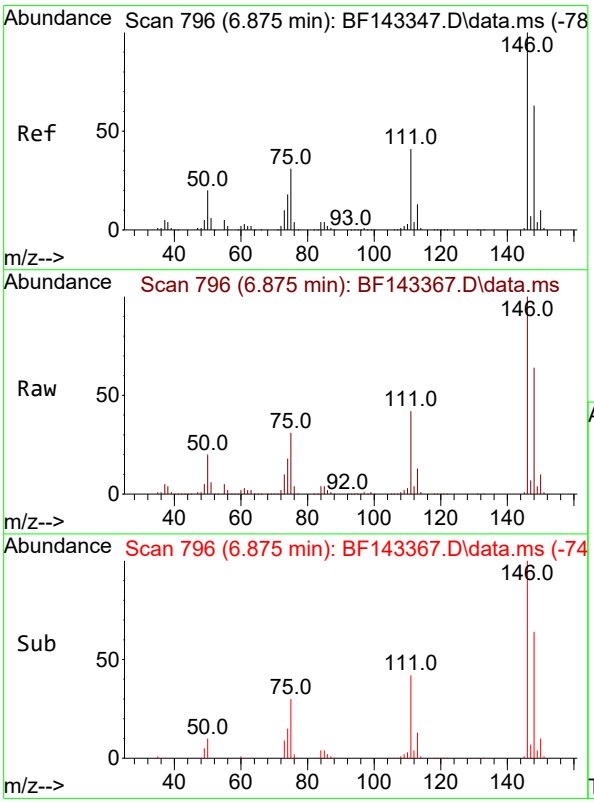
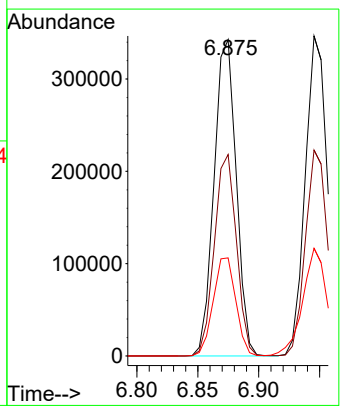
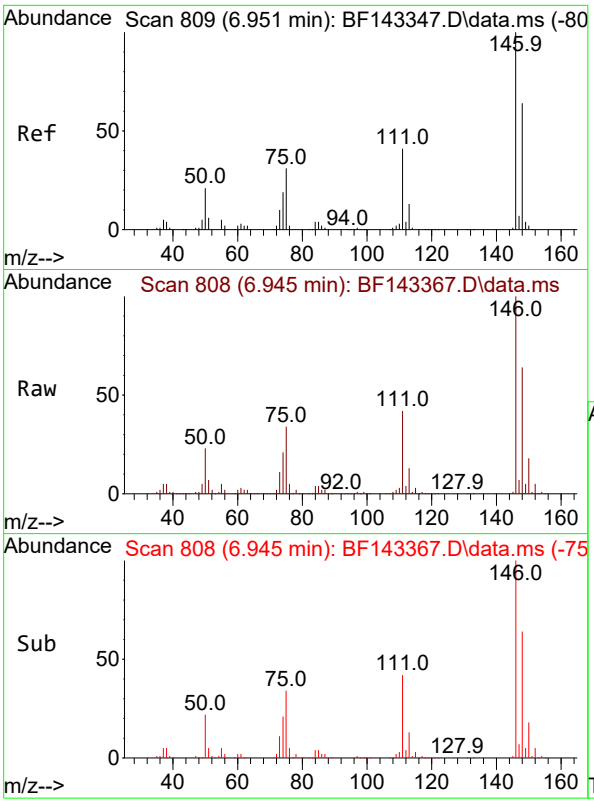


#12
1,3-Dichlorobenzene
Concen: 44.288 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:146 Resp: 434984

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
75	31.0	24.9	37.3

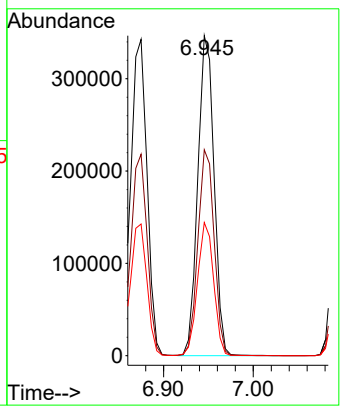




#13
1,4-Dichlorobenzene
Concen: 44.261 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:146 Resp: 43630

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	41.6	32.6	48.8



Instrument :
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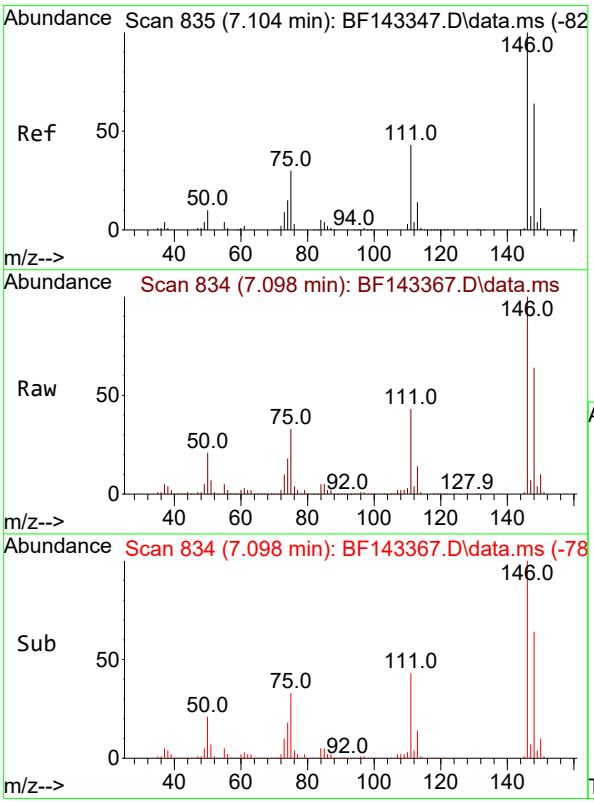
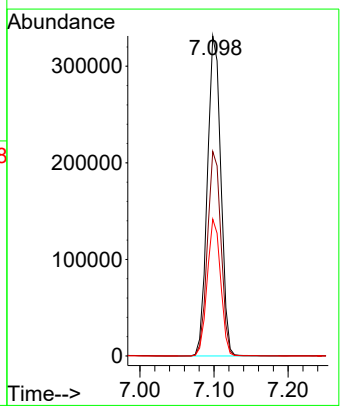
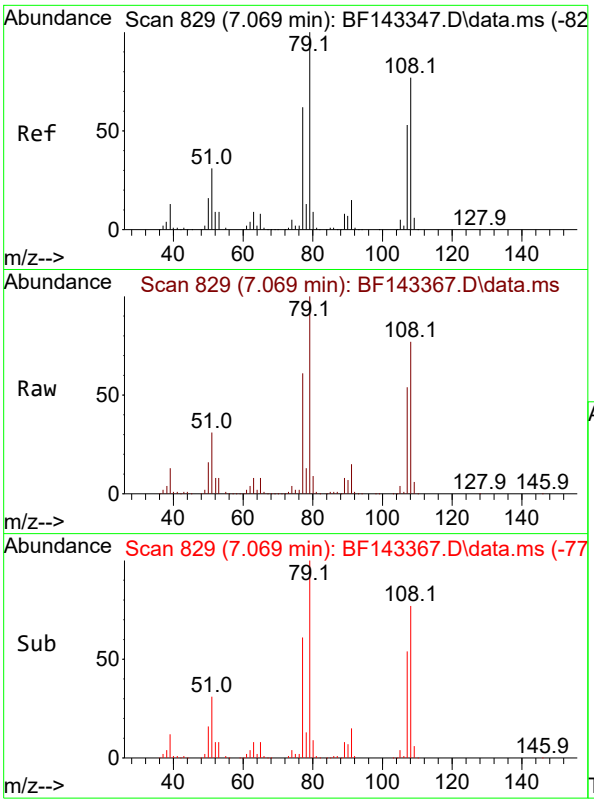


#14
1,2-Dichlorobenzene
Concen: 44.818 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:146 Resp: 419380

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	42.8	34.1	51.1





#15
Benzyl Alcohol
Concen: 47.000 ng
RT: 7.069 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 79 Resp: 34428

Ion	Ratio	Lower	Upper
79	100		
108	77.4	61.5	92.3
77	61.0	49.8	74.8

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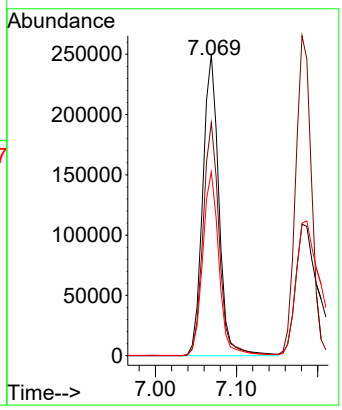
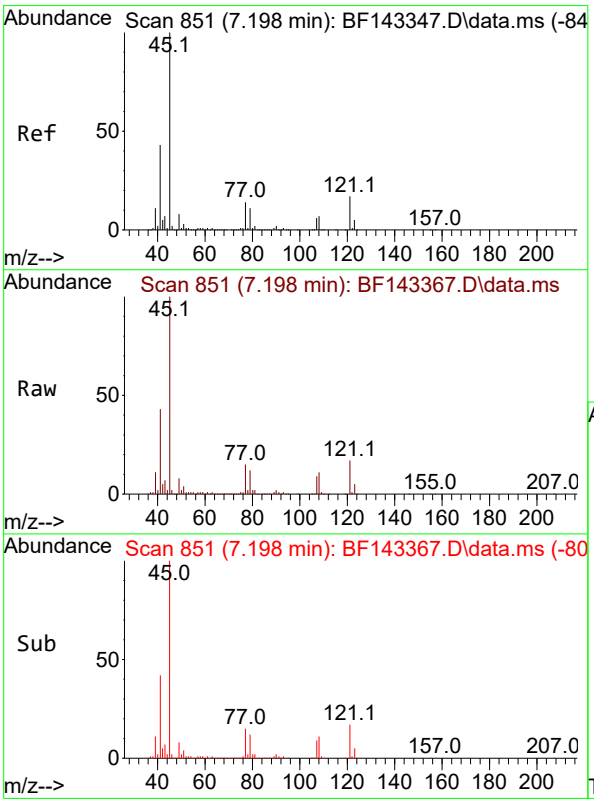
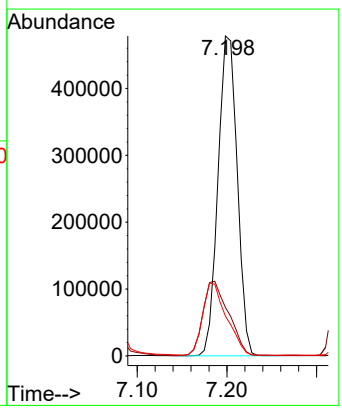


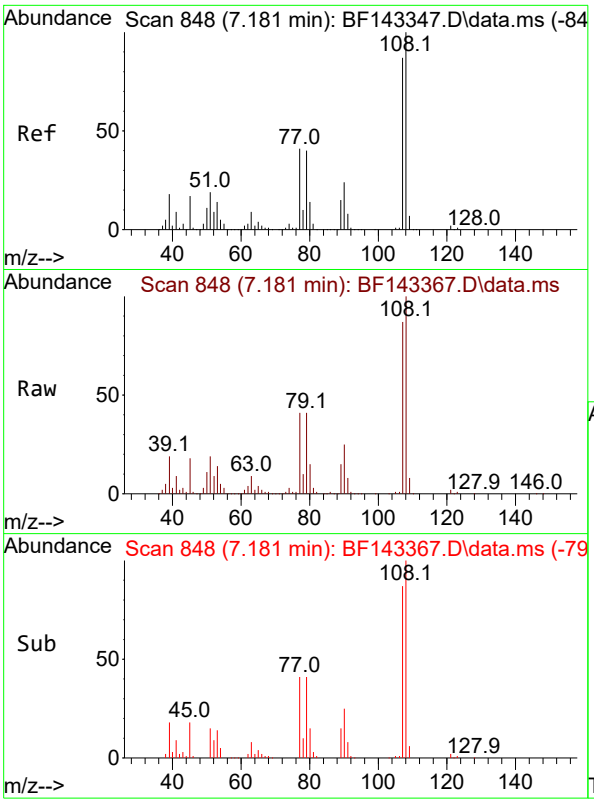


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.687 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 45 Resp: 711810

Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.0
79	12.4	0.0	31.1

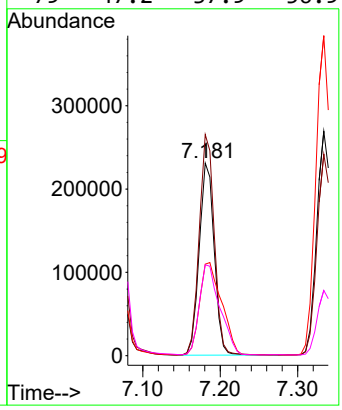




#17
2-Methylphenol
Concen: 43.198 ng
RT: 7.181 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:107 Resp: 31049

Ion	Ratio	Lower	Upper
107	100		
108	114.8	92.0	138.0
77	47.5	38.2	57.2
79	47.2	37.9	56.9



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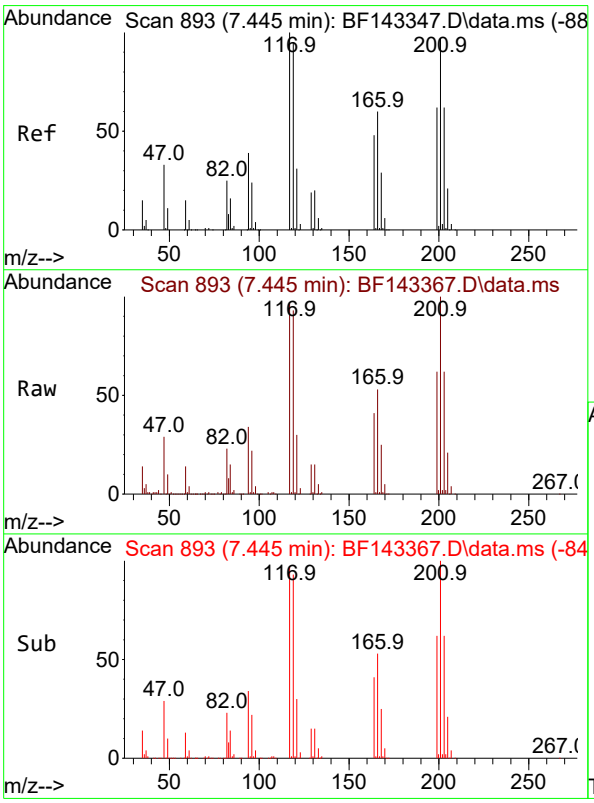
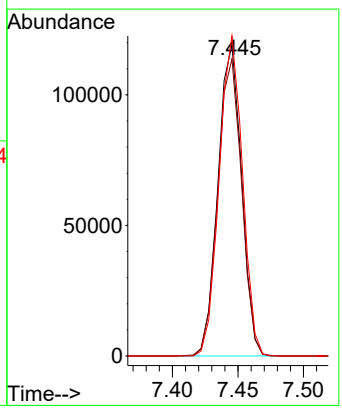
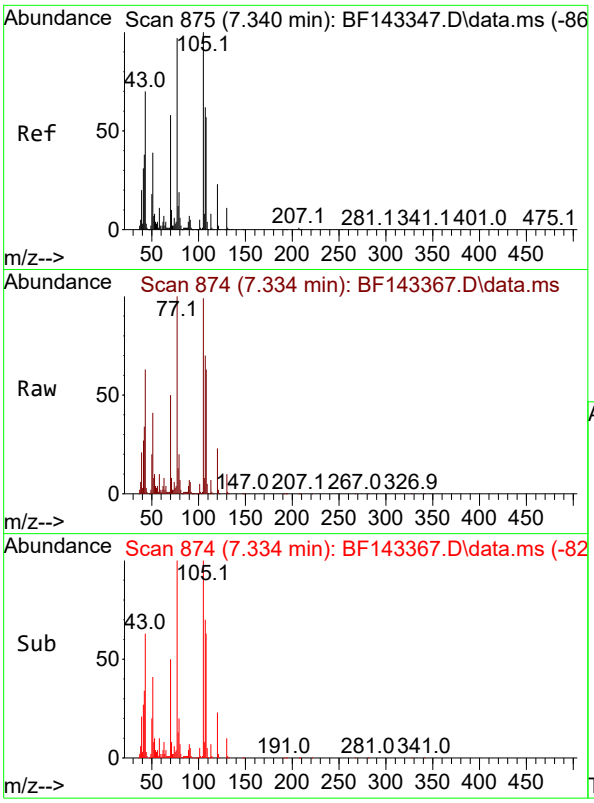


#18
Hexachloroethane
Concen: 48.325 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:117 Resp: 149347

Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	102.8	77.2	115.8

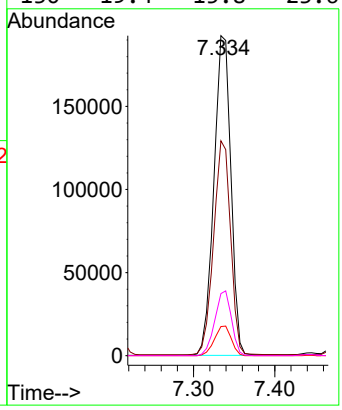




#19
n-Nitroso-di-n-propylamine
Concen: 44.386 ng
RT: 7.334 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 70 Resp: 28027

Ion	Ratio	Lower	Upper
70	100		
42	67.1	51.6	77.4
101	9.1	7.5	11.3
130	19.4	15.8	23.6



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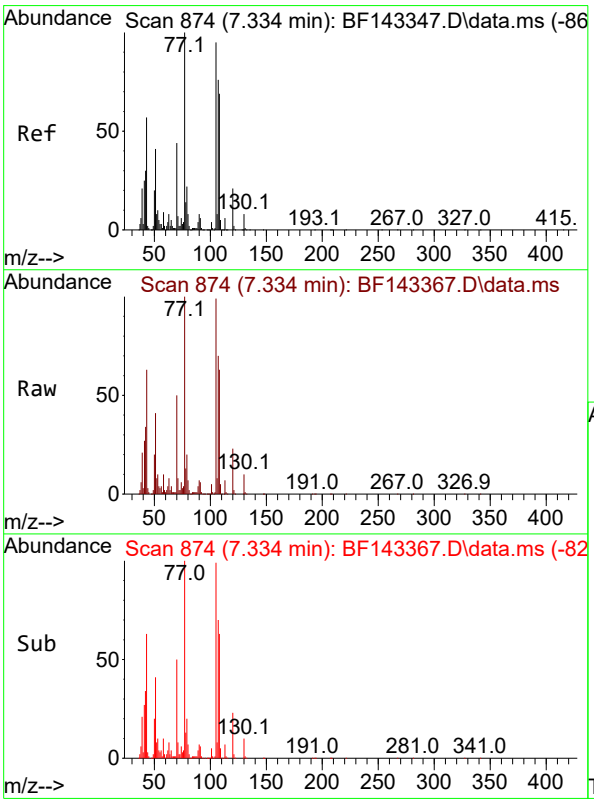
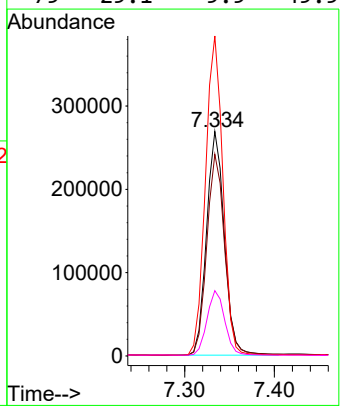
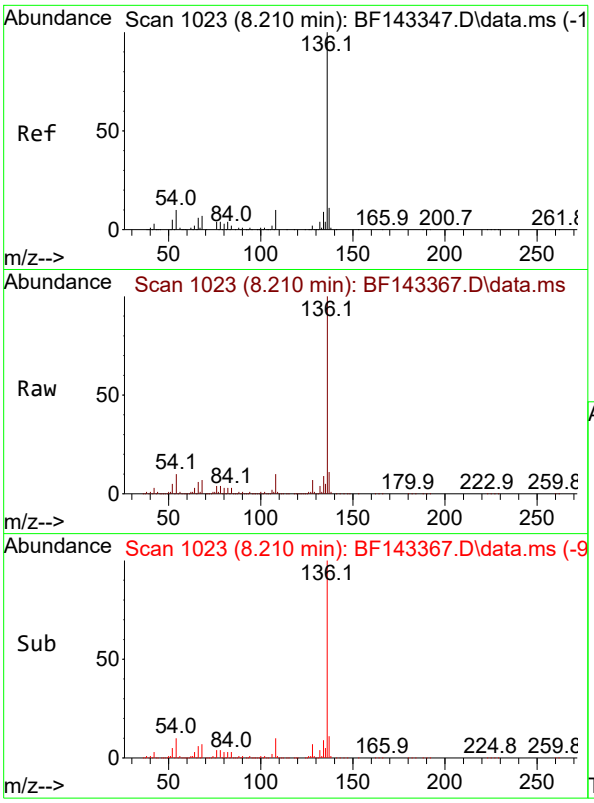


#20
3+4-Methylphenols
Concen: 42.523 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:107 Resp: 369644

Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.6	110.6
77	142.5	112.0	152.0
79	29.1	9.9	49.9

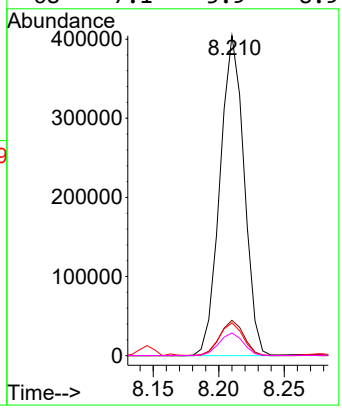




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:136 Resp: 51702

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.3	8.4	12.6
68	7.1	5.9	8.9



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

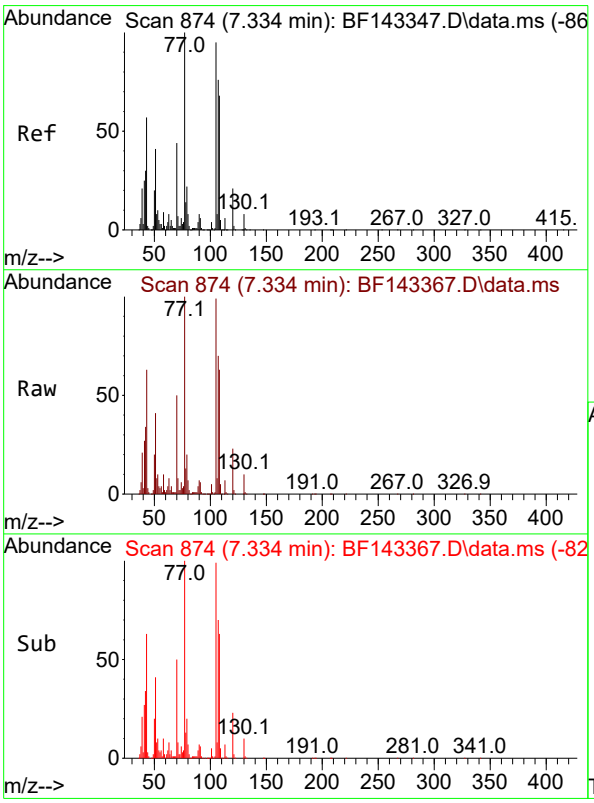
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/14/2025

Supervised By :Jagrut Upadhyay

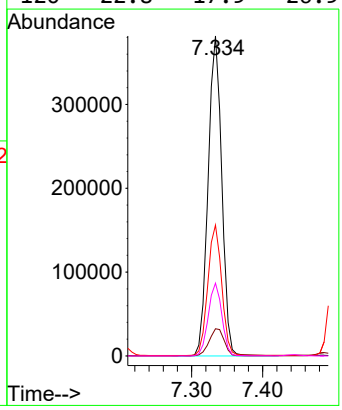
08/15/2025

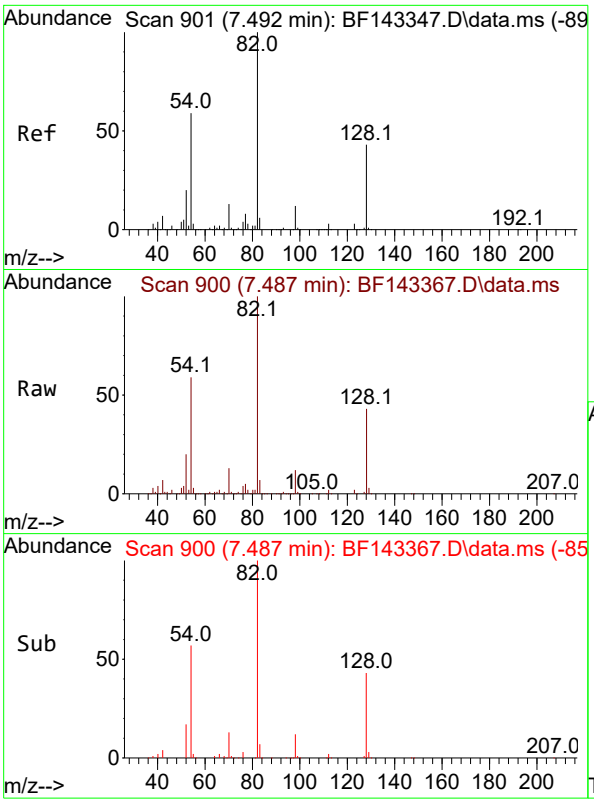


#22
Acetophenone
Concen: 44.896 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:105 Resp: 511443

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.2	9.4
51	40.9	34.8	52.2
120	22.8	17.9	26.9

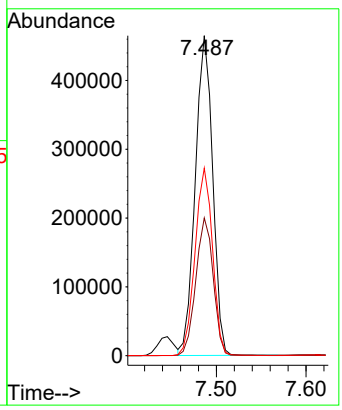




#23
Nitrobenzene-d5
Concen: 75.422 ng
RT: 7.487 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 82 Resp: 62618

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.5	50.3
54	58.6	46.7	70.1



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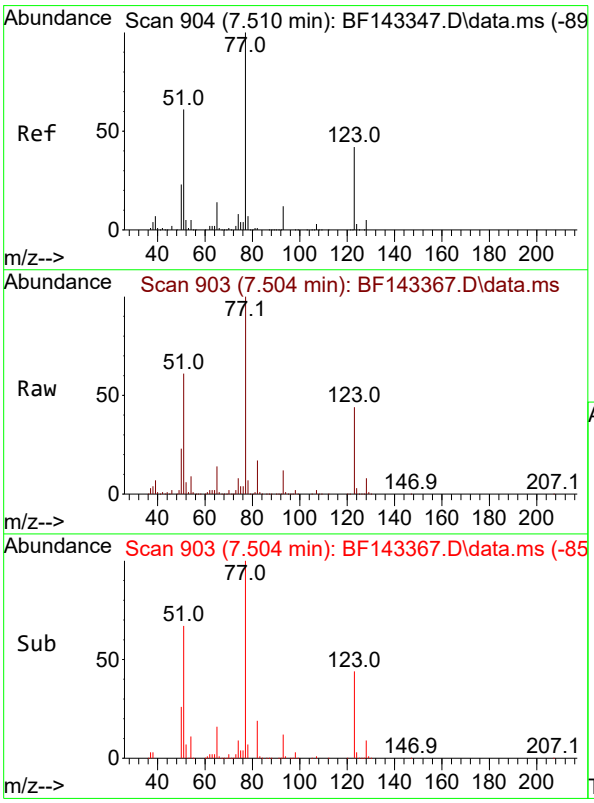
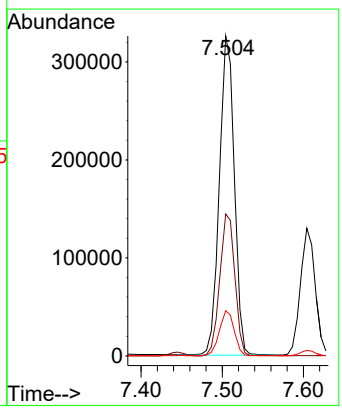
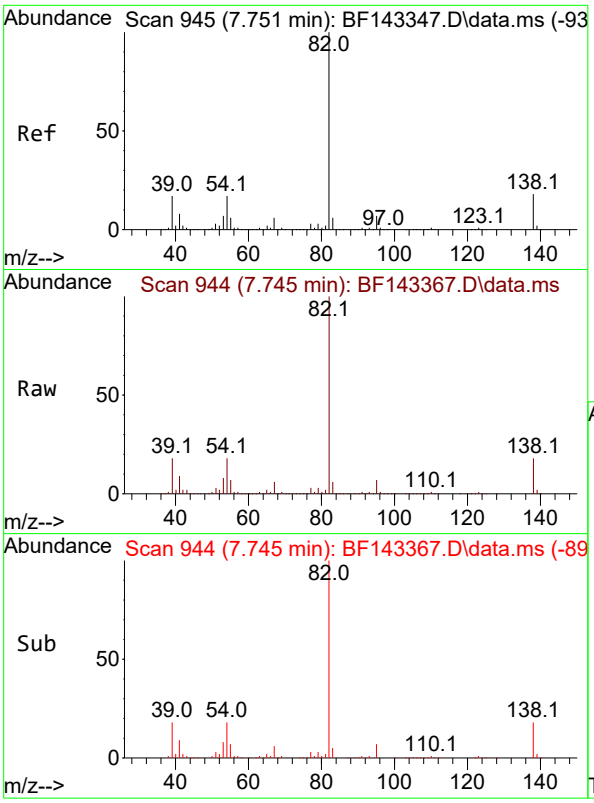


#24
Nitrobenzene
Concen: 46.430 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 77 Resp: 418648

Ion	Ratio	Lower	Upper
77	100		
123	44.3	34.8	52.2
65	14.2	11.0	16.6

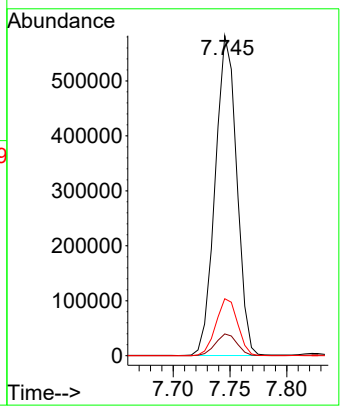




#25
Isophorone
Concen: 45.335 ng
RT: 7.745 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 82 Resp: 76838

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	17.8	14.6	21.8



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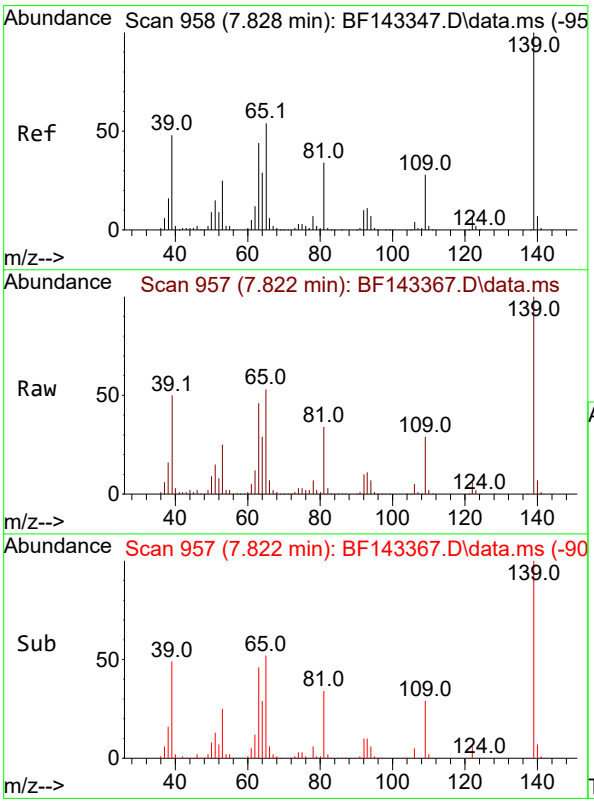
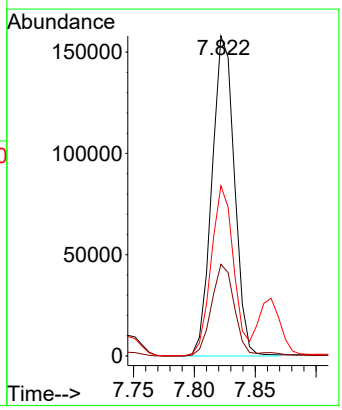
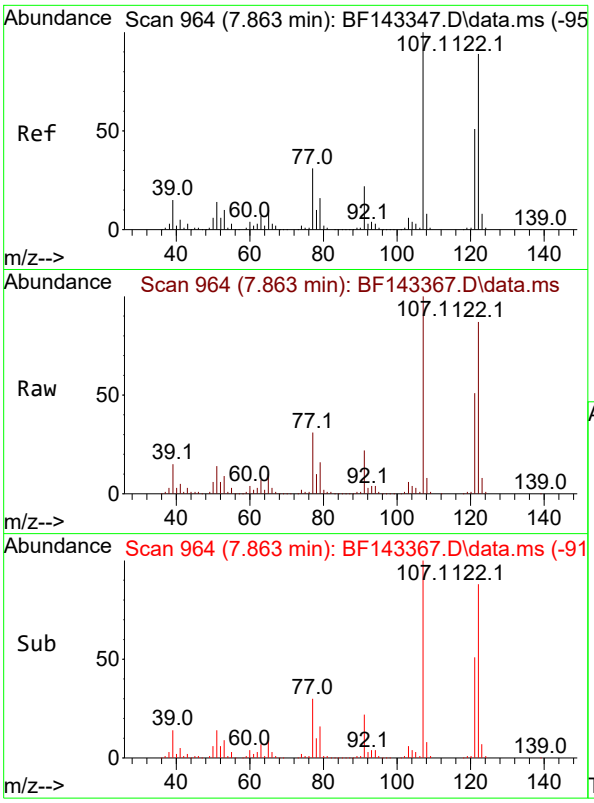


#26
2-Nitrophenol
Concen: 55.608 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:139 Resp: 203194

Ion	Ratio	Lower	Upper
139	100		
109	28.7	22.4	33.6
65	53.2	42.9	64.3

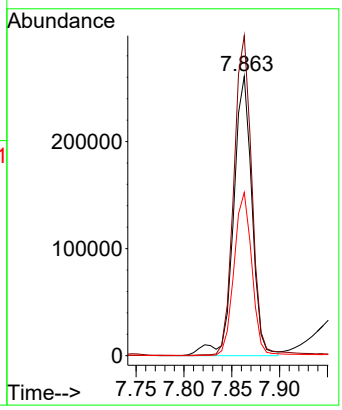




#27
2,4-Dimethylphenol
Concen: 49.398 ng m
RT: 7.863 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:122 Resp: 34929

Ion	Ratio	Lower	Upper
122	100		
107	114.5	89.9	134.9
121	58.4	46.2	69.4



Instrument :
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ClientSampleId :
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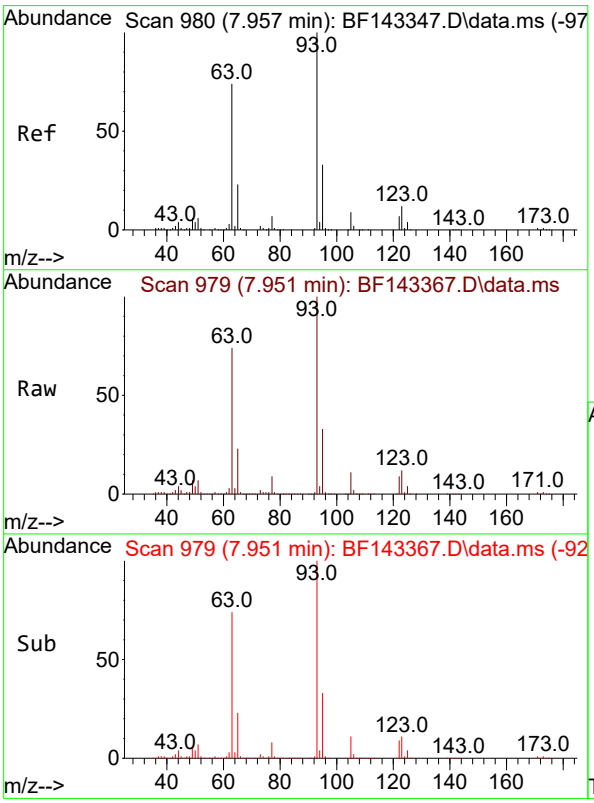
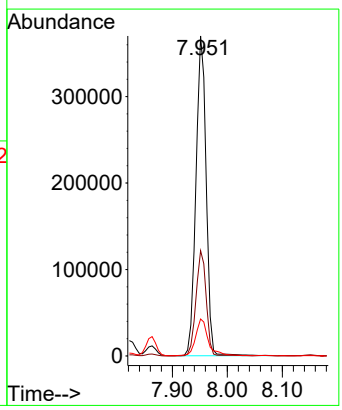
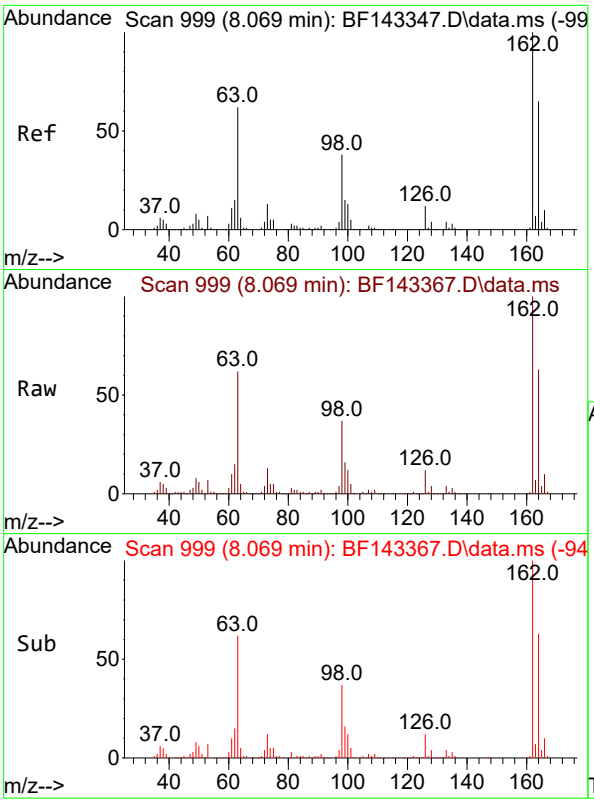


#28
bis(2-Chloroethoxy)methane
Concen: 46.267 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 93 Resp: 478776

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	11.6	9.4	14.2





#29
2,4-Dichlorophenol
Concen: 46.926 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:162 Resp: 32409

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.5	84.5
98	37.3	17.7	57.7

Instrument :
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ClientSampleId :
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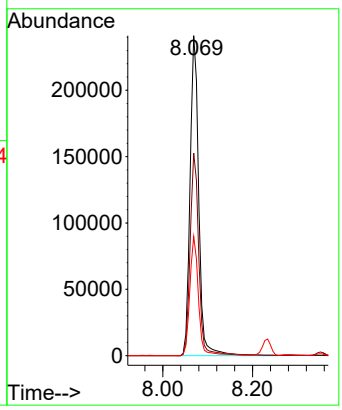

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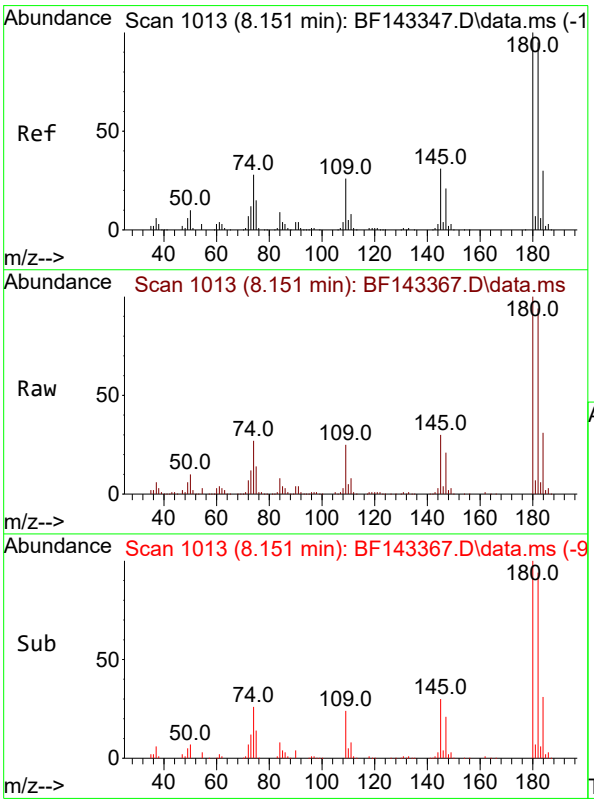
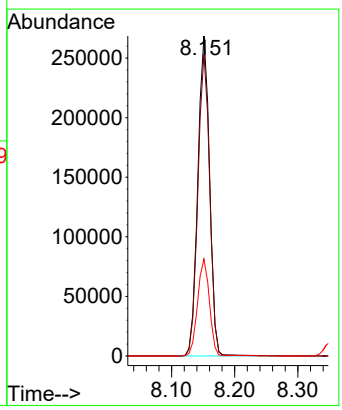
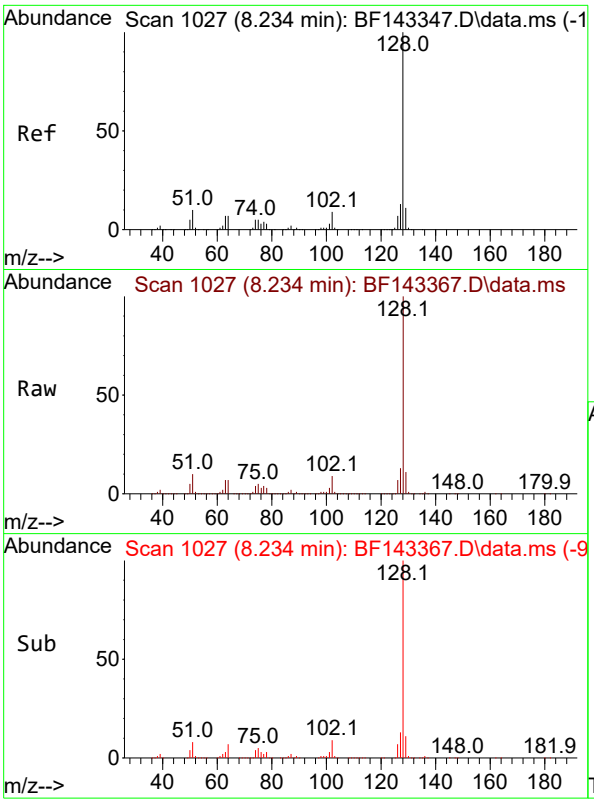


#30
1,2,4-Trichlorobenzene
Concen: 47.679 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:180 Resp: 347348

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.1	114.1
145	30.3	24.9	37.3

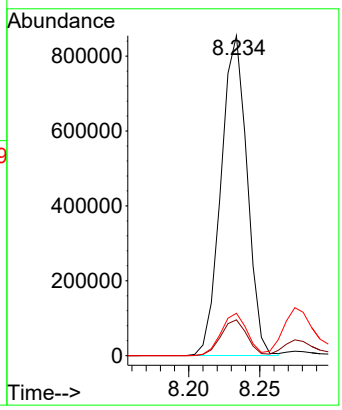




#31
Naphthalene
Concen: 43.806 ng
RT: 8.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:128 Resp: 108983

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	10.7	16.1



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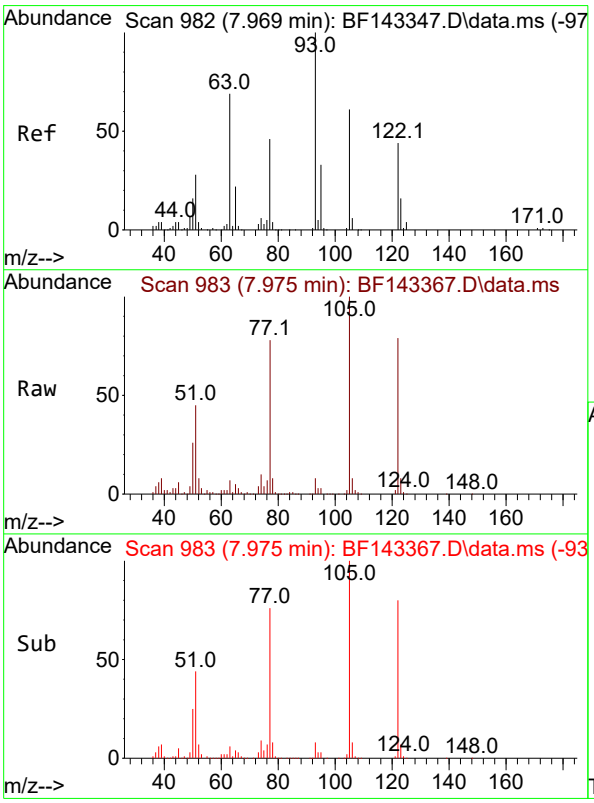
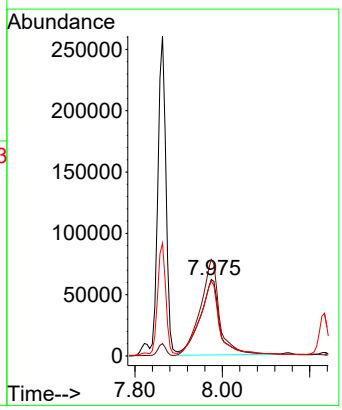
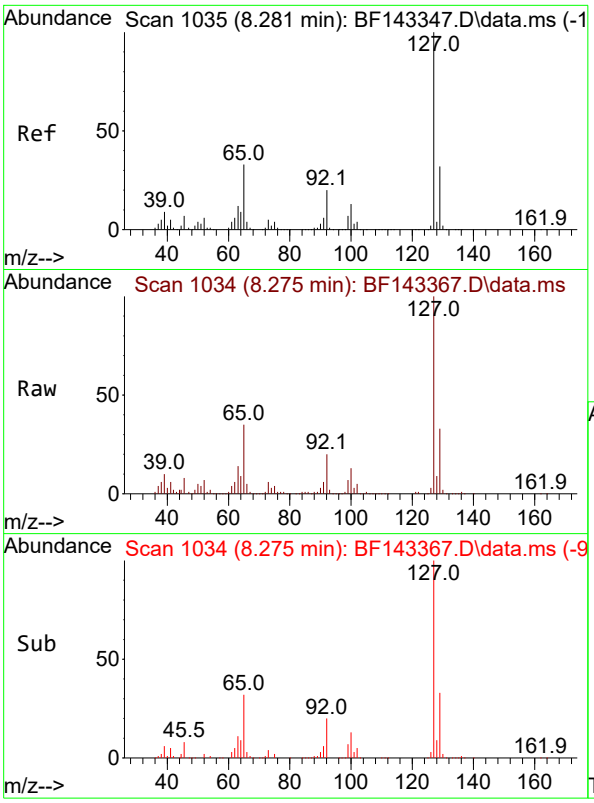


#32
Benzoic acid
Concen: 58.598 ng
RT: 7.975 min Scan# 983
Delta R.T. 0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:122 Resp: 193304

Ion	Ratio	Lower	Upper
122	100		
105	126.2	106.4	146.4
77	98.0	79.2	119.2





#33
4-Chloroaniline
Concen: 24.424 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Instrument :
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Tgt Ion:127 Resp: 21916

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	34.5	27.0	40.4
92	20.3	16.2	24.2

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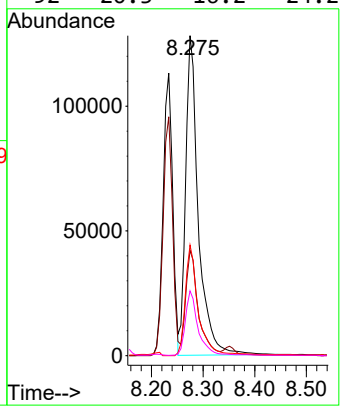
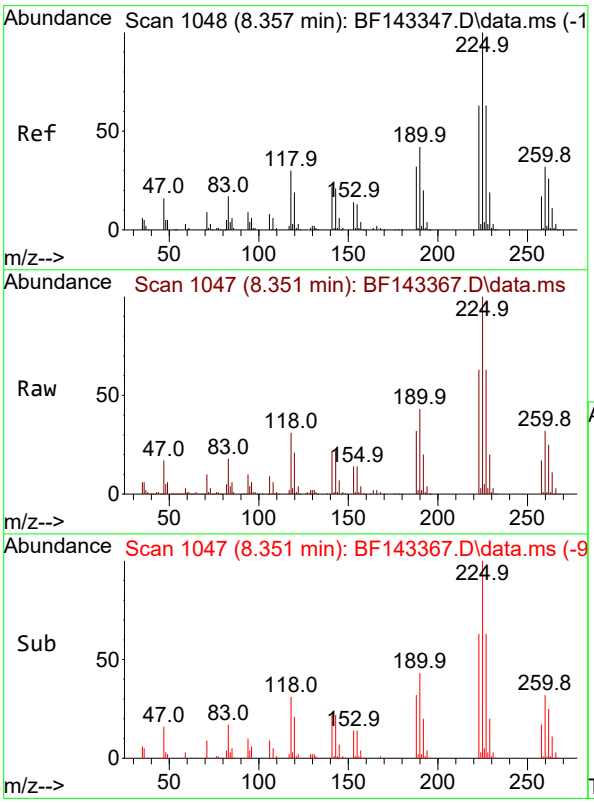
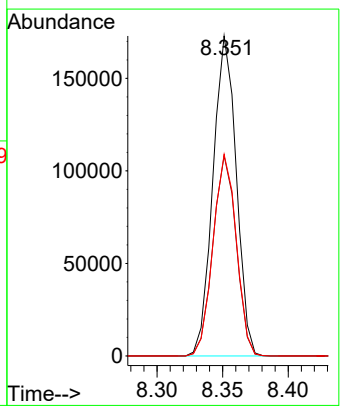


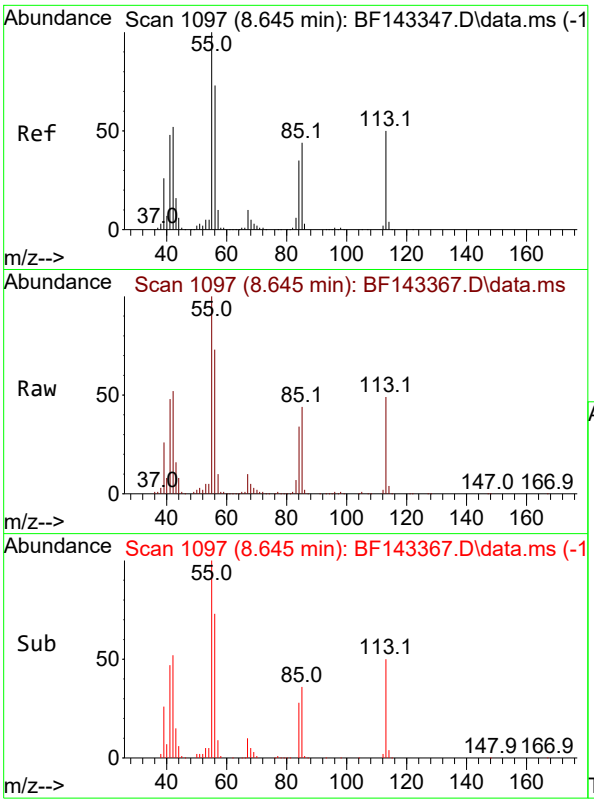


#34
Hexachlorobutadiene
Concen: 47.123 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:225 Resp: 213552

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	63.0	50.6	75.8

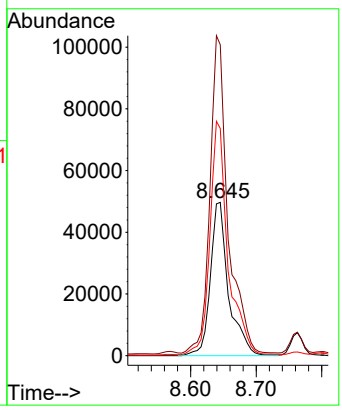




#35
Caprolactam
Concen: 49.365 ng
RT: 8.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:113 Resp: 9584

Ion	Ratio	Lower	Upper
113	100		
55	202.8	181.4	221.4
56	148.3	127.3	167.3



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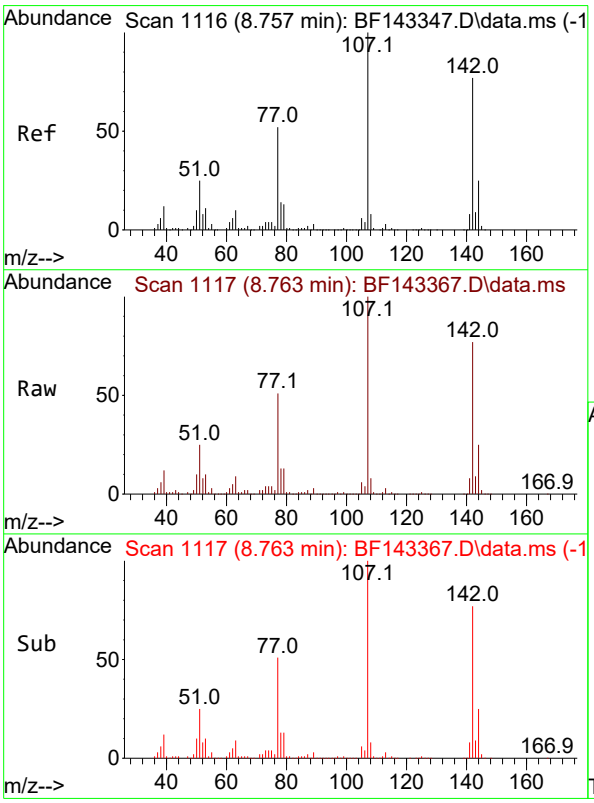
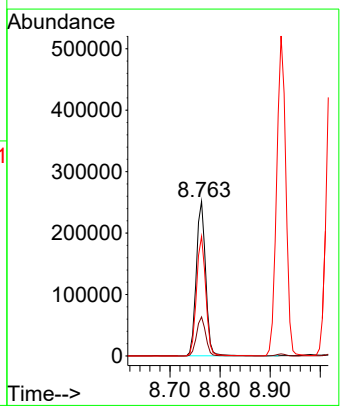
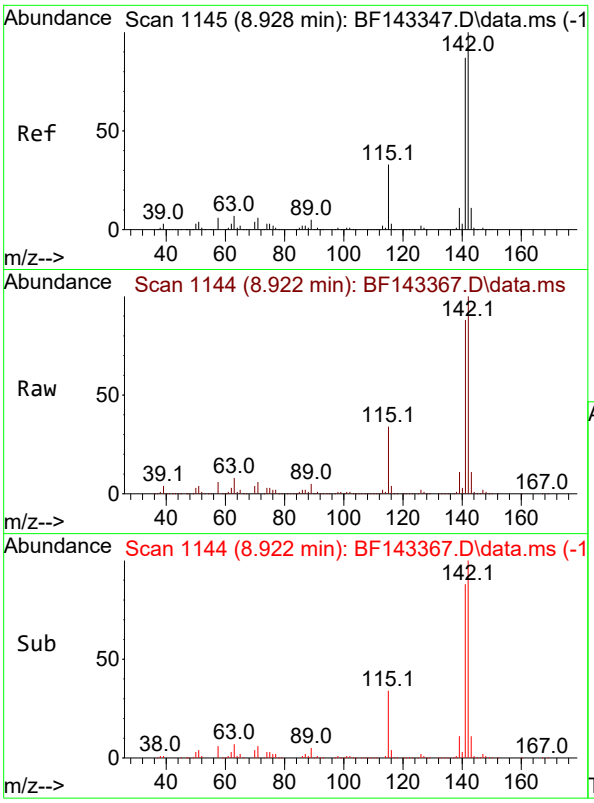


#36
4-Chloro-3-methylphenol
Concen: 44.895 ng
RT: 8.763 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:107 Resp: 325053

Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.0	30.0
142	77.4	61.3	91.9





#37
2-Methylnaphthalene
Concen: 40.391 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:142 Resp: 66062

Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.8	104.8

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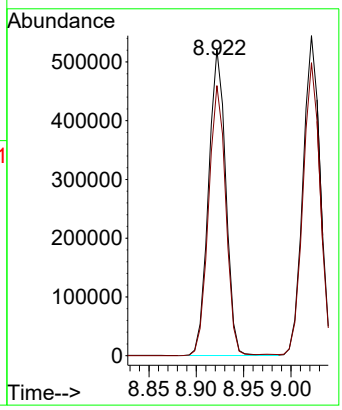
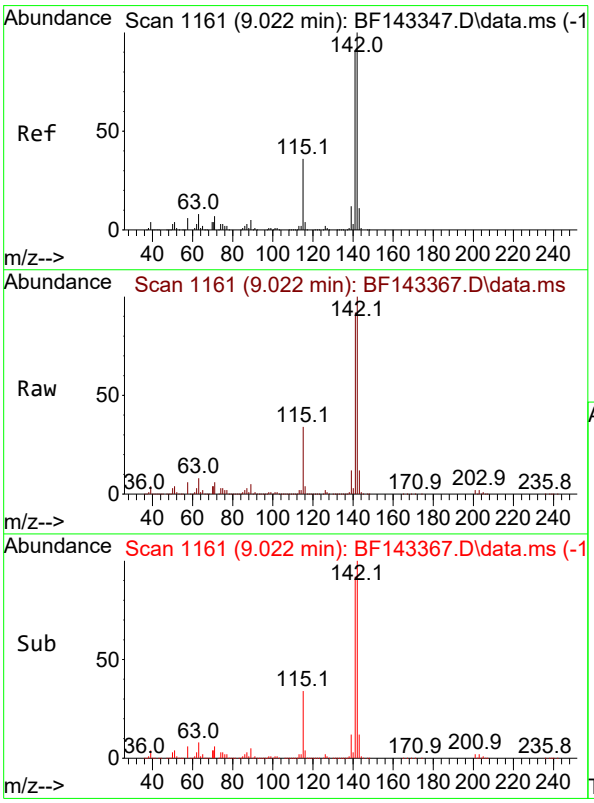
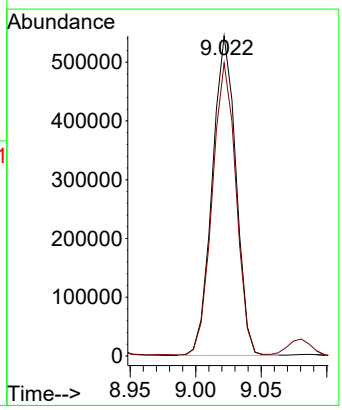


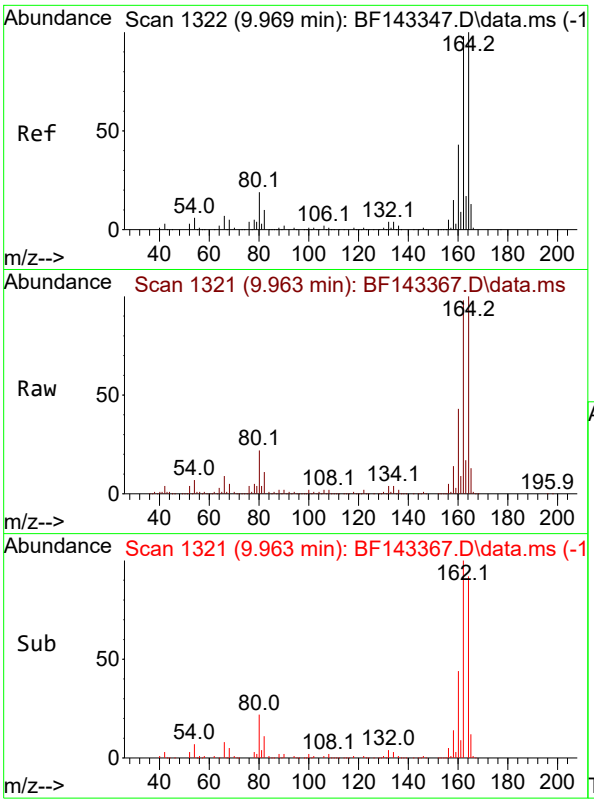


#38
1-Methylnaphthalene
Concen: 43.320 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:142 Resp: 682387

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:164 Resp: 27256

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.6	118.0
160	42.6	34.4	51.6

Instrument :
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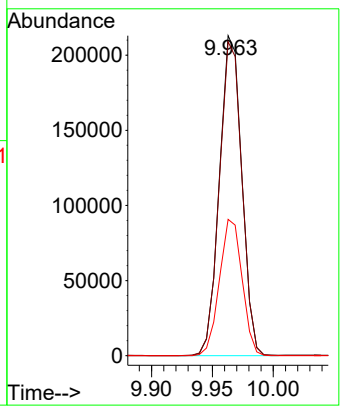
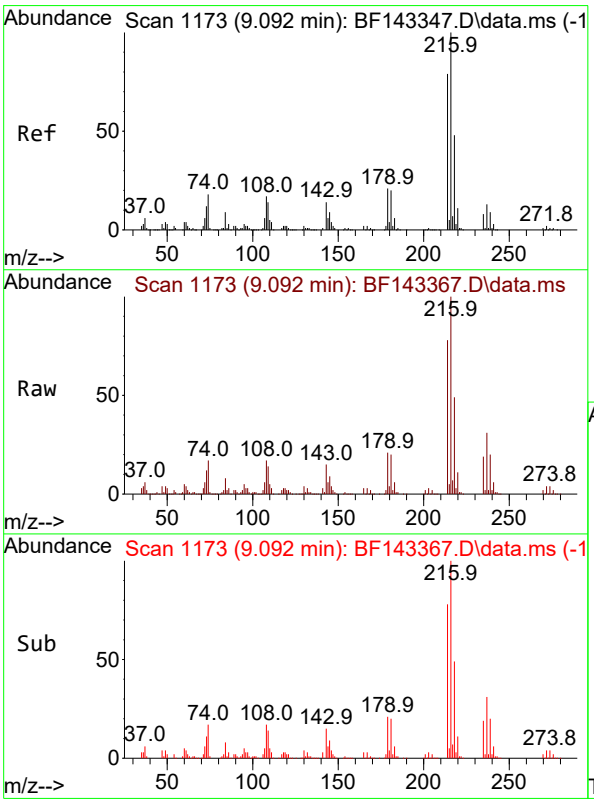
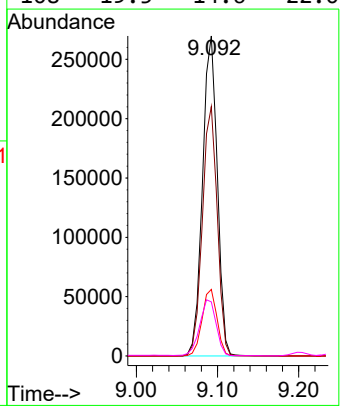


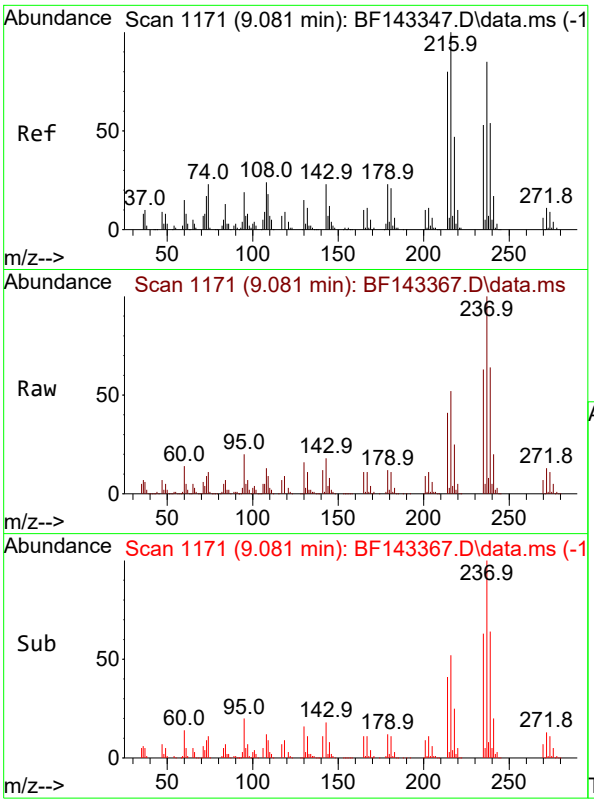


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.694 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:216 Resp: 340812

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.0	17.0	25.4
108	19.5	14.6	22.0

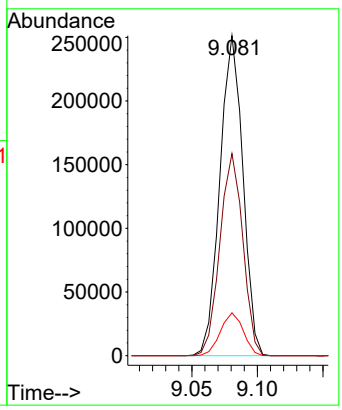




#41
Hexachlorocyclopentadiene
Concen: 113.347 ng
RT: 9.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:237 Resp: 30613

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.0	82.0
272	13.4	0.0	32.6



Instrument :
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ClientSampleId :
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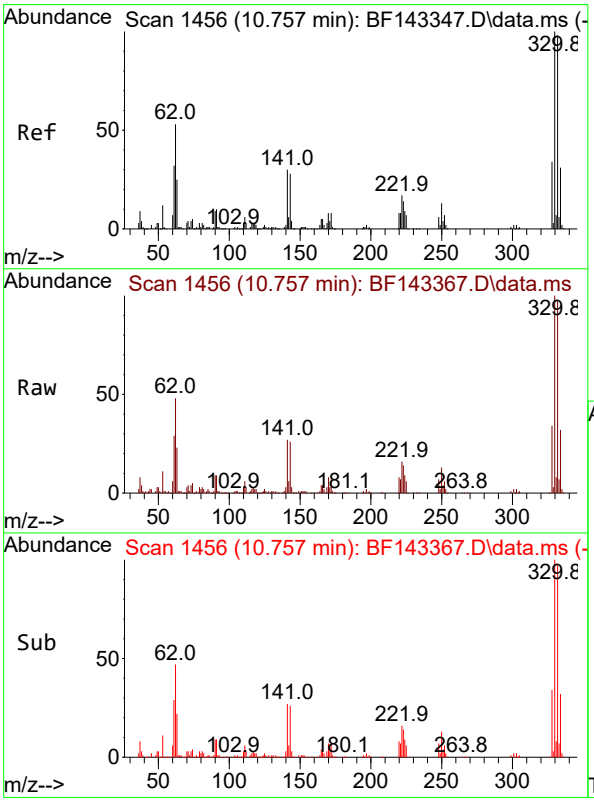
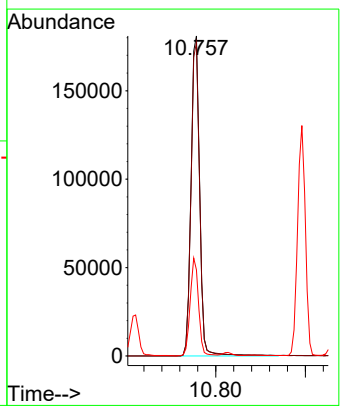
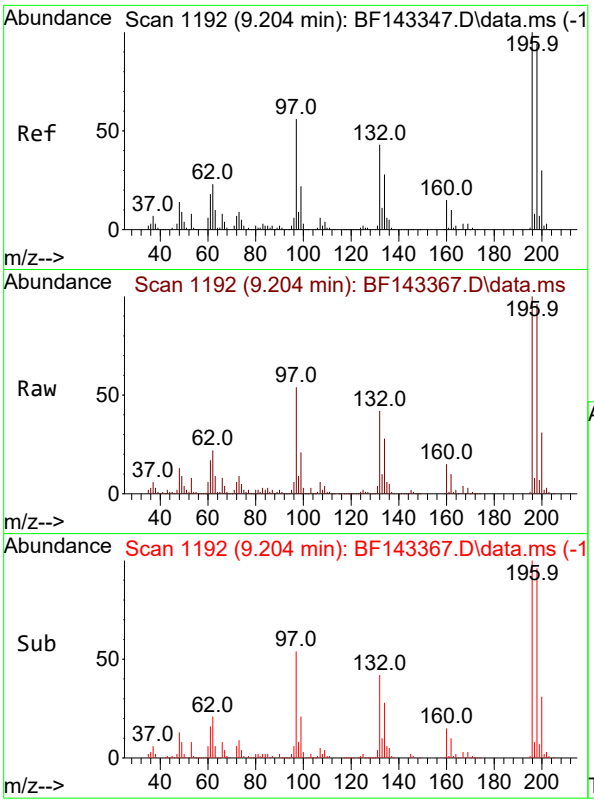


#42
2,4,6-Tribromophenol
Concen: 121.066 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:330 Resp: 241161

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.1	117.1
141	29.9	25.4	38.0

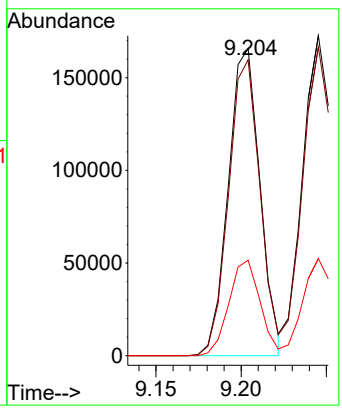




#43
2,4,6-Trichlorophenol
Concen: 50.715 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:196 Resp: 21462

Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.4	113.0
200	31.1	24.3	36.5



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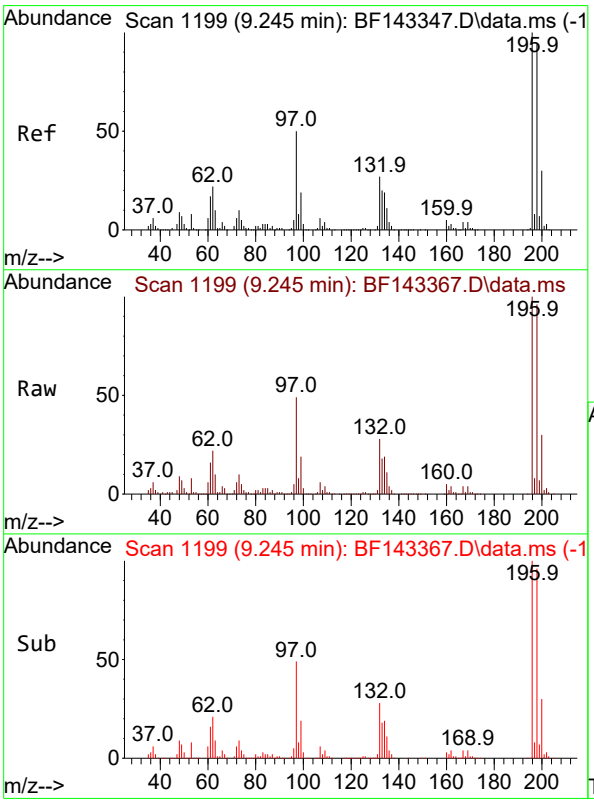
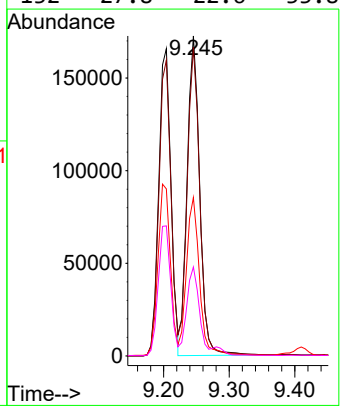
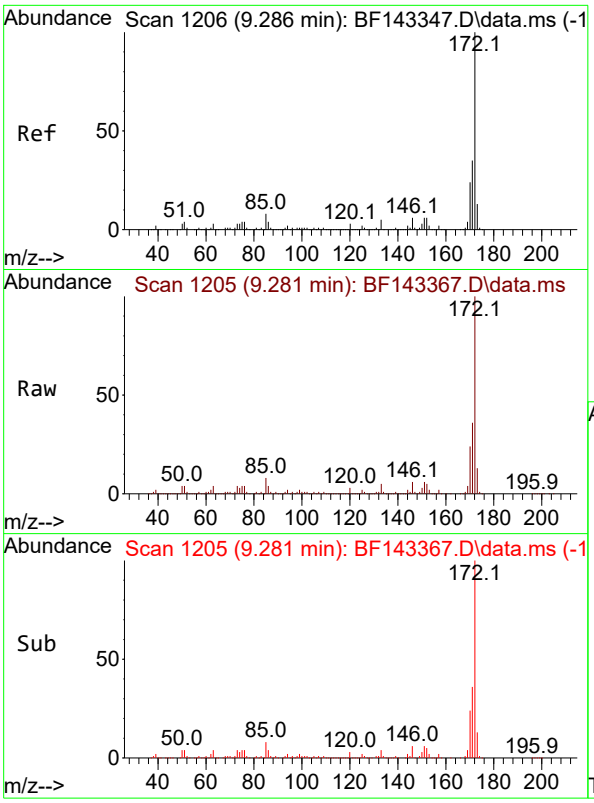


#44
2,4,5-Trichlorophenol
Concen: 48.084 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:196 Resp: 229789

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.4	113.2
97	49.5	39.9	59.9
132	27.8	22.6	33.8

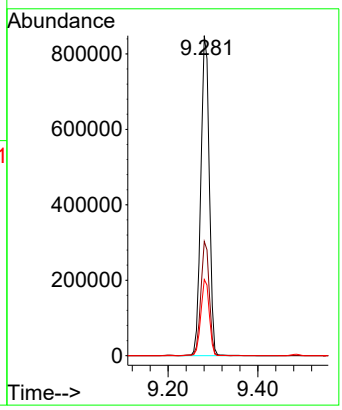




#45
2-Fluorobiphenyl
Concen: 68.922 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:172 Resp: 110782

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	23.8	19.1	28.7



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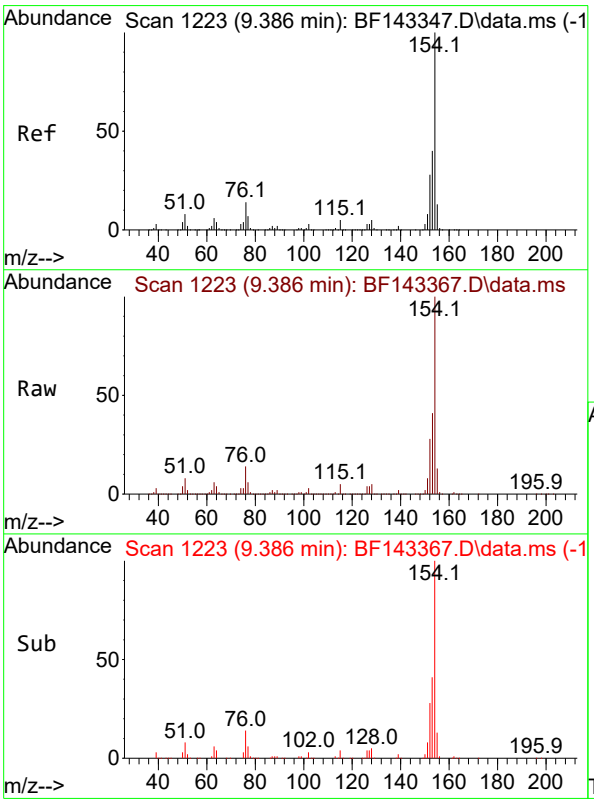
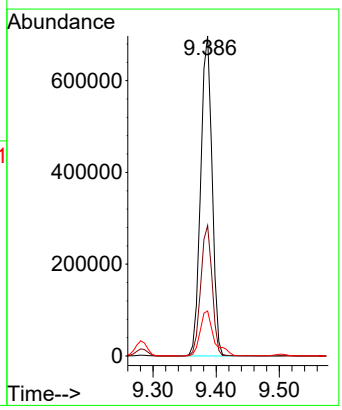
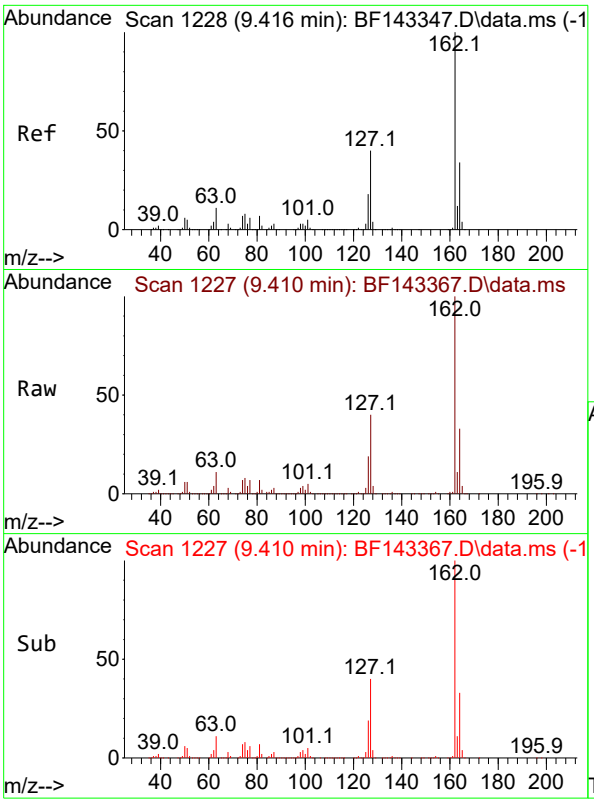


#46
1,1'-Biphenyl
Concen: 45.476 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:154 Resp: 876424

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.2	60.2
76	14.1	0.0	34.4

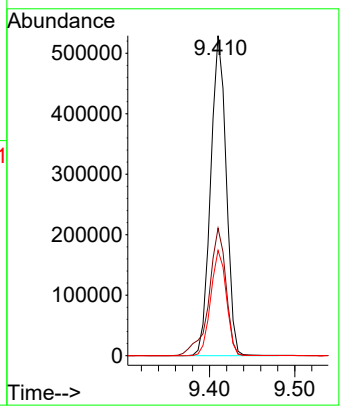




#47
2-Chloronaphthalene
Concen: 44.200 ng
RT: 9.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:162 Resp: 67087

Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.1	48.1
164	32.9	27.0	40.4



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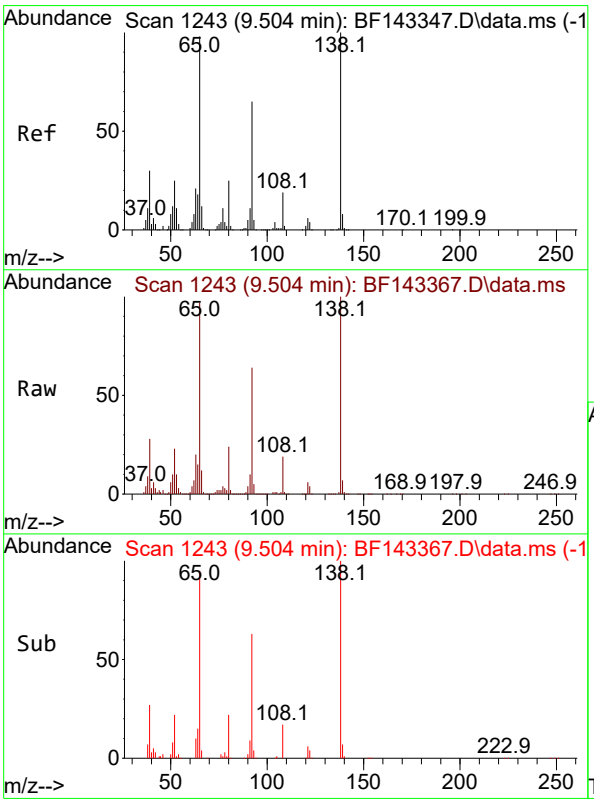
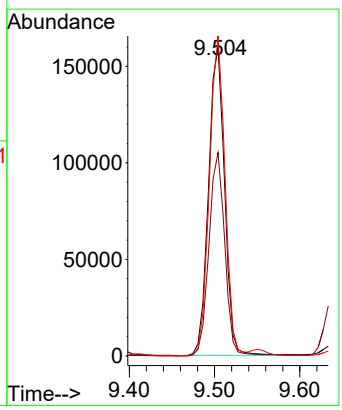
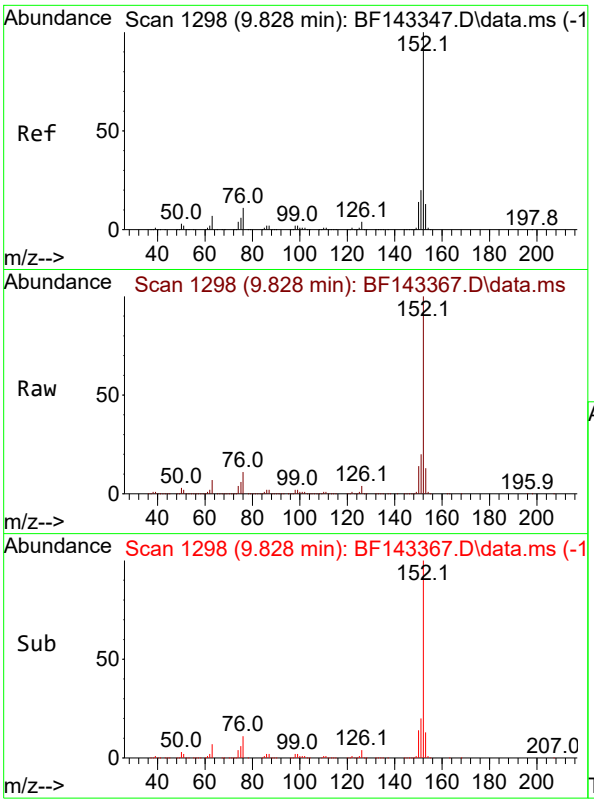


#48
2-Nitroaniline
Concen: 47.772 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 65 Resp: 209062

Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.1	79.7
138	103.6	81.4	122.0

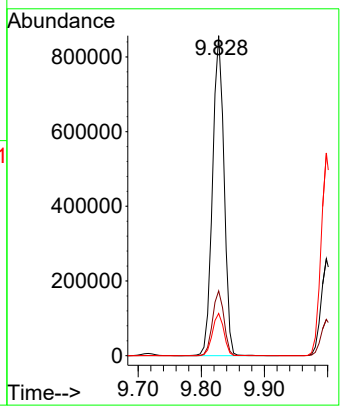




#49
Acenaphthylene
Concen: 49.207 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:152 Resp: 107856

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.2	10.6	16.0



Instrument :
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ClientSampleId :
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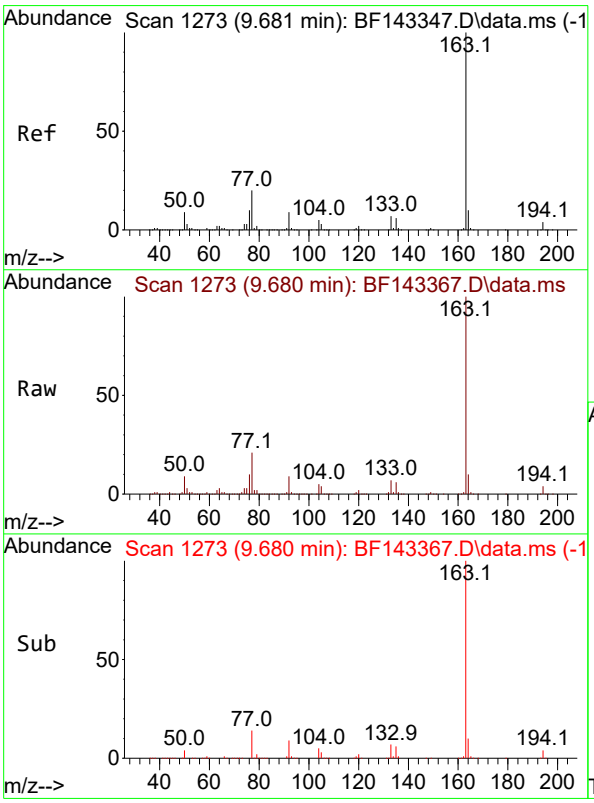
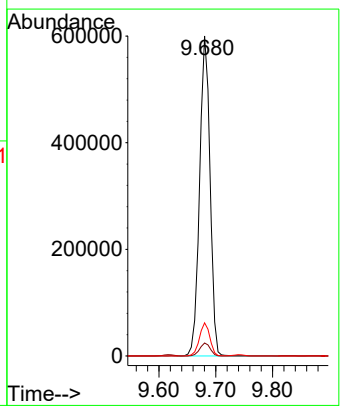
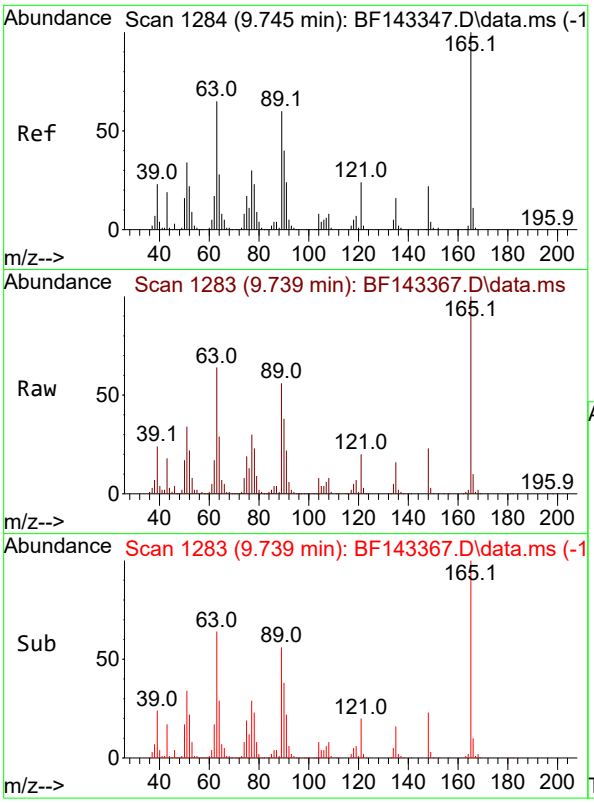


#50
Dimethylphthalate
Concen: 48.184 ng
RT: 9.680 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:163 Resp: 767406

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.2

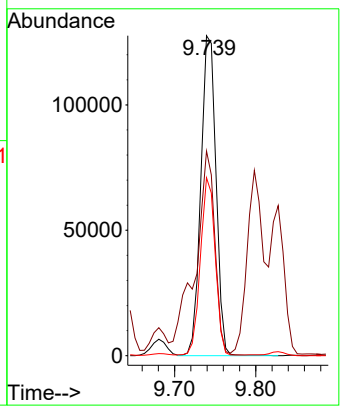




#51
2,6-Dinitrotoluene
Concen: 54.402 ng
RT: 9.739 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:165 Resp: 16522

Ion	Ratio	Lower	Upper
165	100		
63	63.9	51.6	77.4
89	55.6	47.7	71.5



Instrument :
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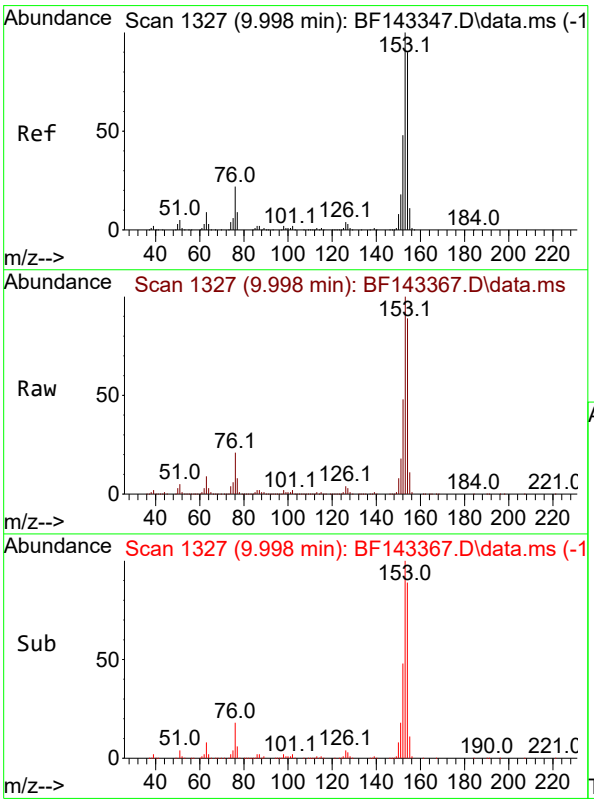
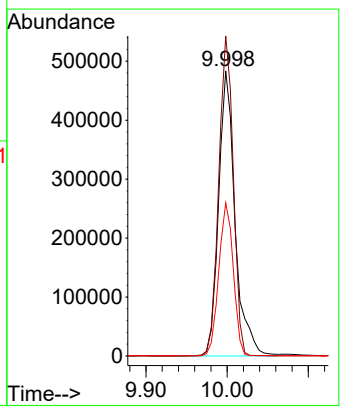
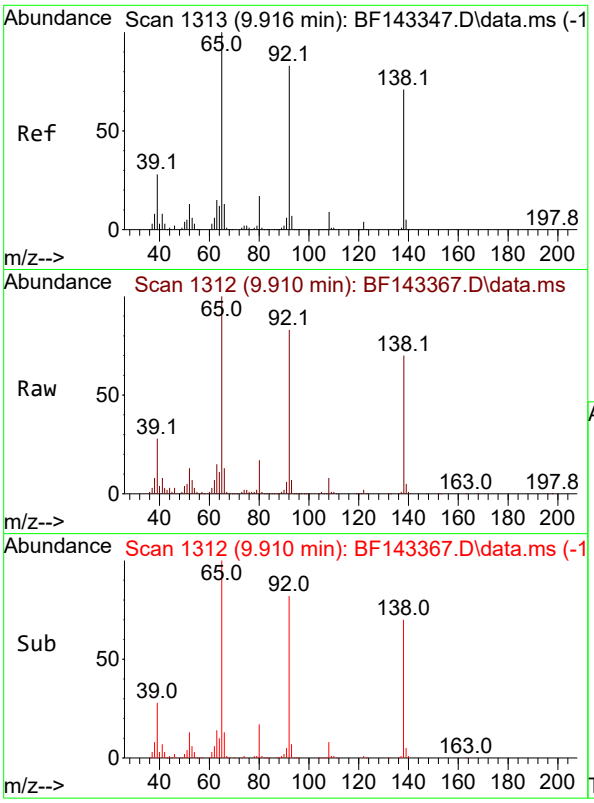


#52
Acenaphthene
Concen: 46.824 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:154 Resp: 682321

Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.5	132.7
152	53.7	42.4	63.6





#53
3-Nitroaniline
Concen: 33.253 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:138 Resp: 10845

Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.6	14.4
92	118.5	93.4	140.2

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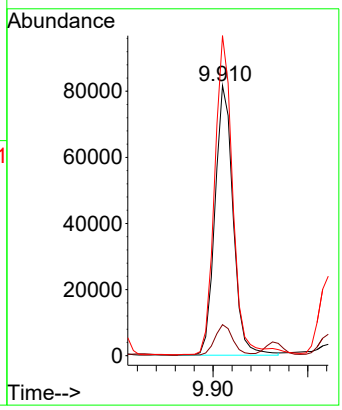
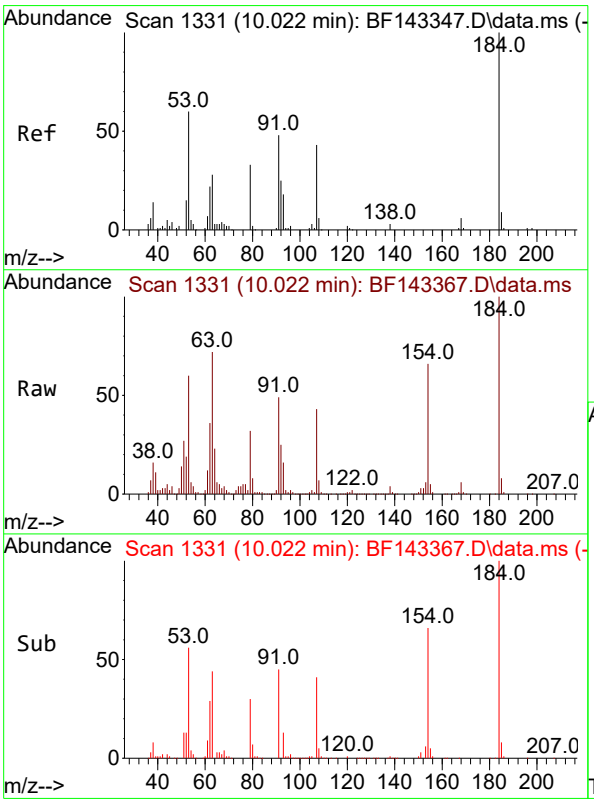
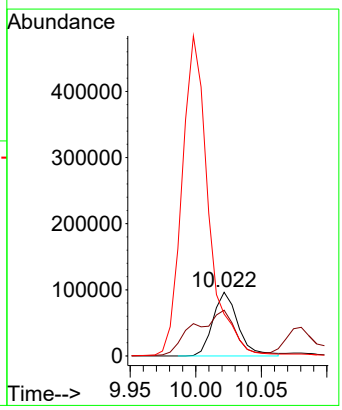


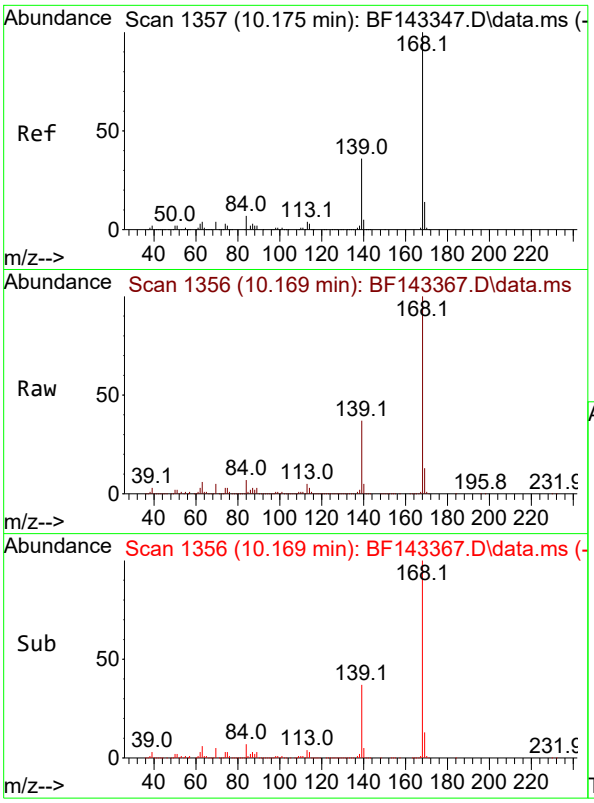


#54
2,4-Dinitrophenol
Concen: 93.173 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:184 Resp: 128950

Ion	Ratio	Lower	Upper
184	100		
63	71.9	62.5	93.7
154	66.0	73.0	109.4#

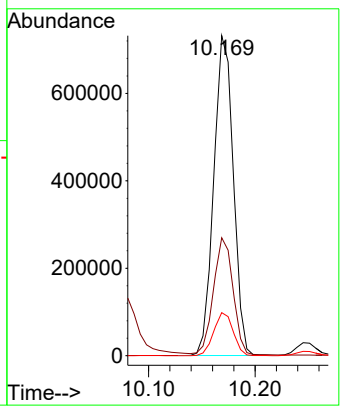




#55
Dibenzofuran
Concen: 44.351 ng
RT: 10.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:168 Resp: 93015

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.4	44.0
169	13.5	11.0	16.6



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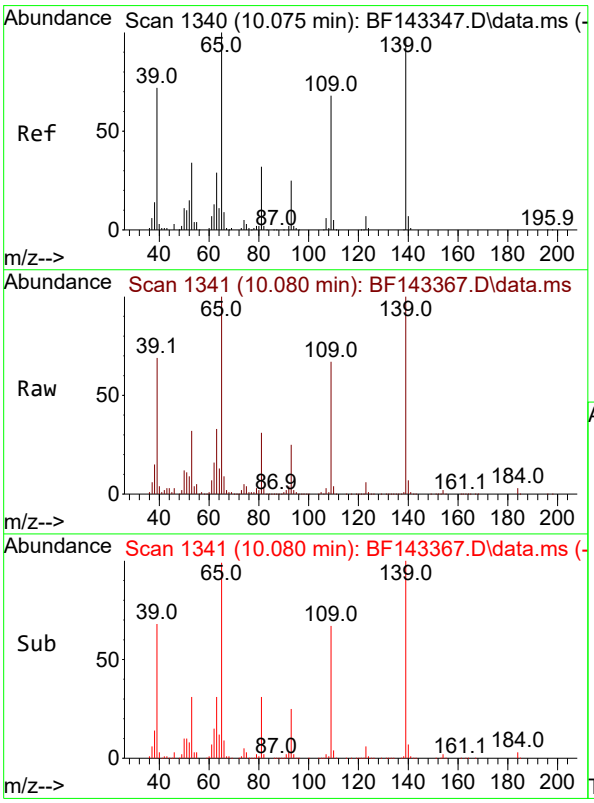
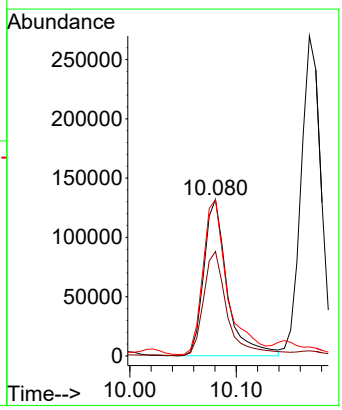
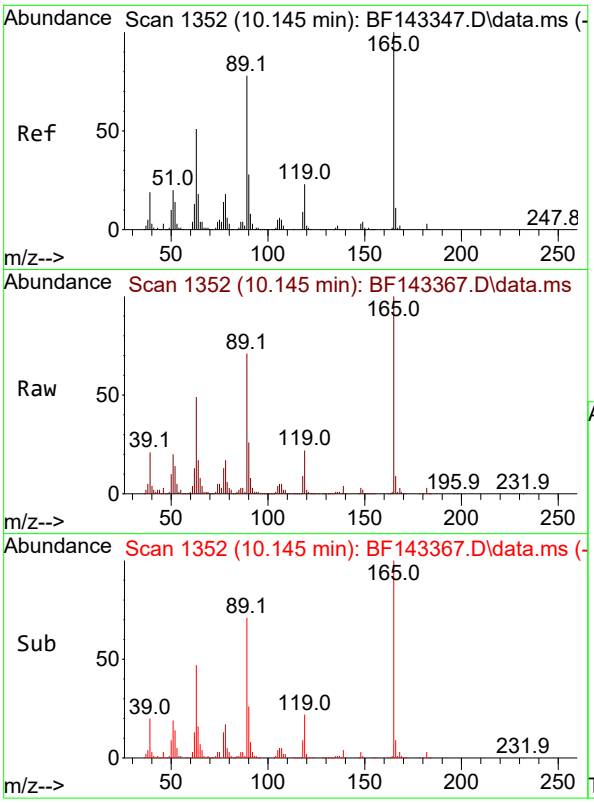


#56
4-Nitrophenol
Concen: 77.373 ng
RT: 10.080 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:139 Resp: 201185

Ion	Ratio	Lower	Upper
139	100		
109	66.8	49.4	89.4
65	99.9	83.7	123.7

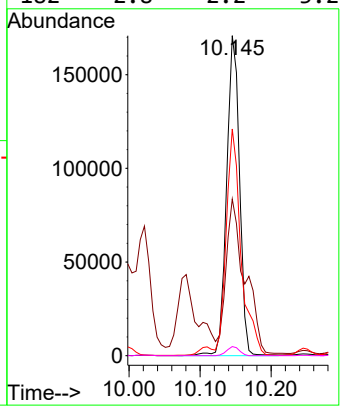




#57
2,4-Dinitrotoluene
Concen: 53.556 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:165 Resp: 21567

Ion	Ratio	Lower	Upper
165	100		
63	49.0	41.8	62.8
89	70.8	62.4	93.6
182	2.8	2.2	3.2



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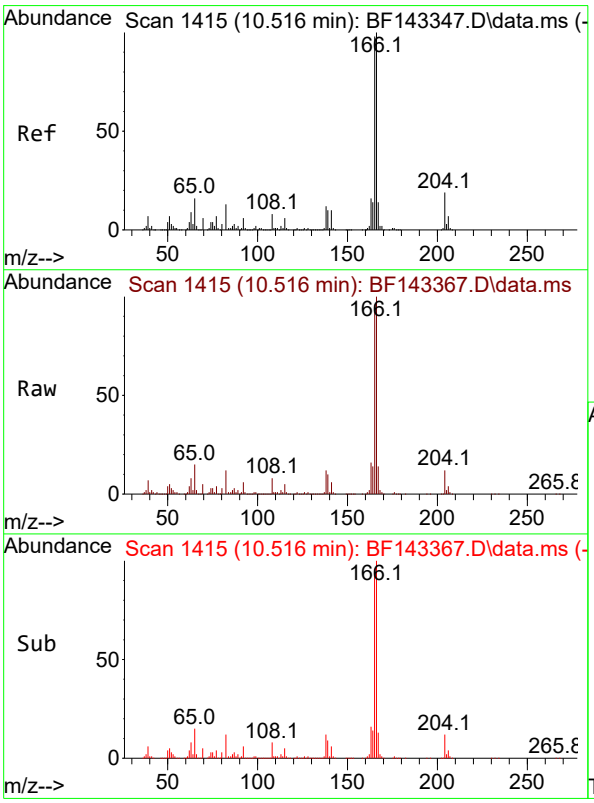
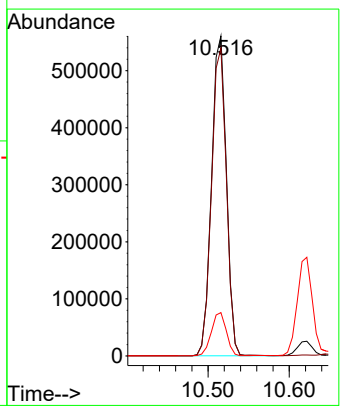
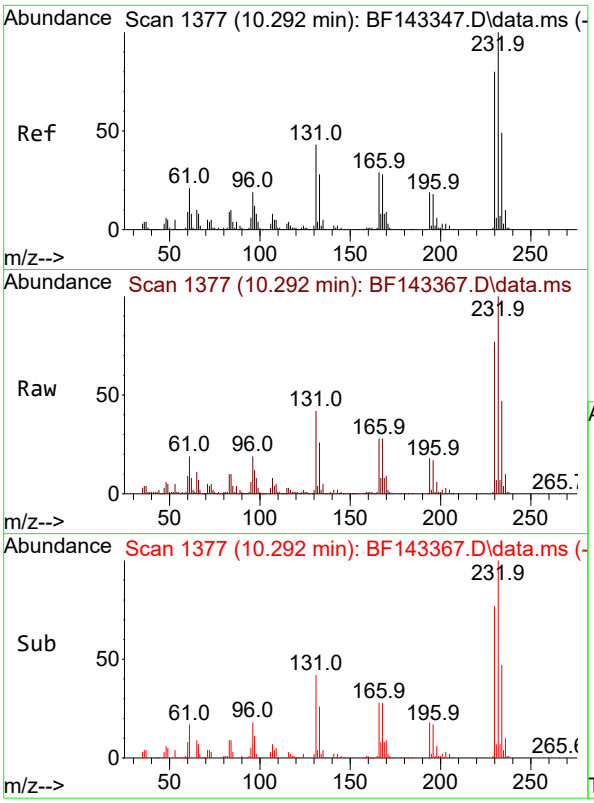


#58
Fluorene
Concen: 44.351 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:166 Resp: 710470

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.2	117.4
167	13.5	10.9	16.3

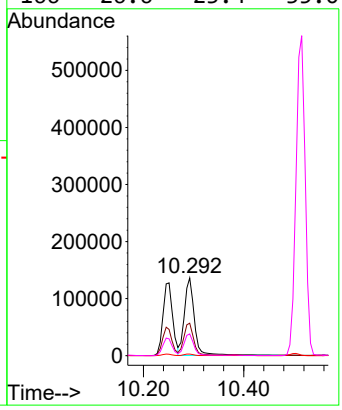




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.151 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:232 Resp: 18733

Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.6	51.8
130	1.8	1.7	2.5
166	26.6	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
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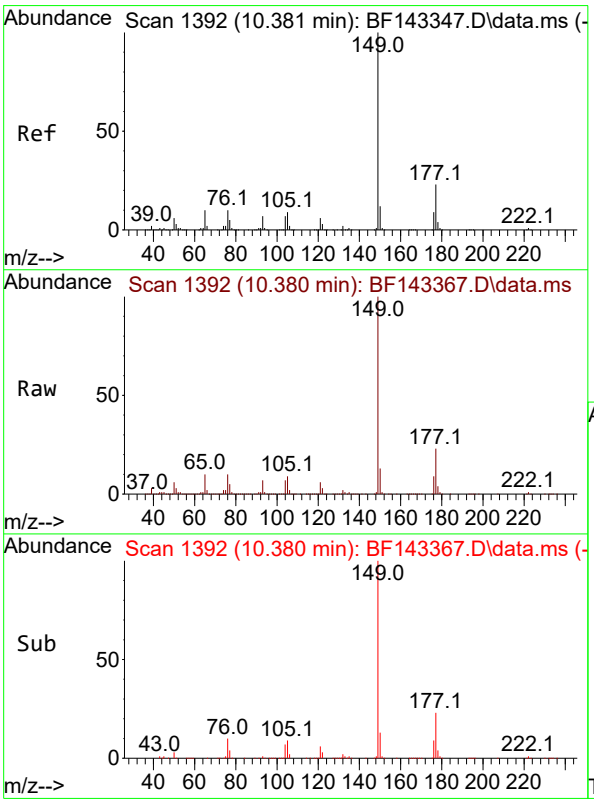
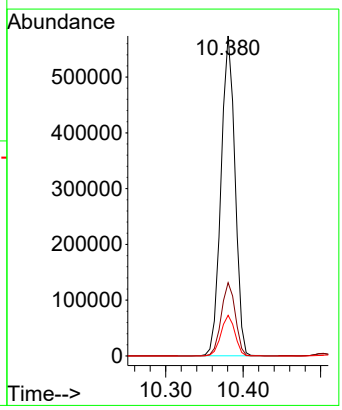
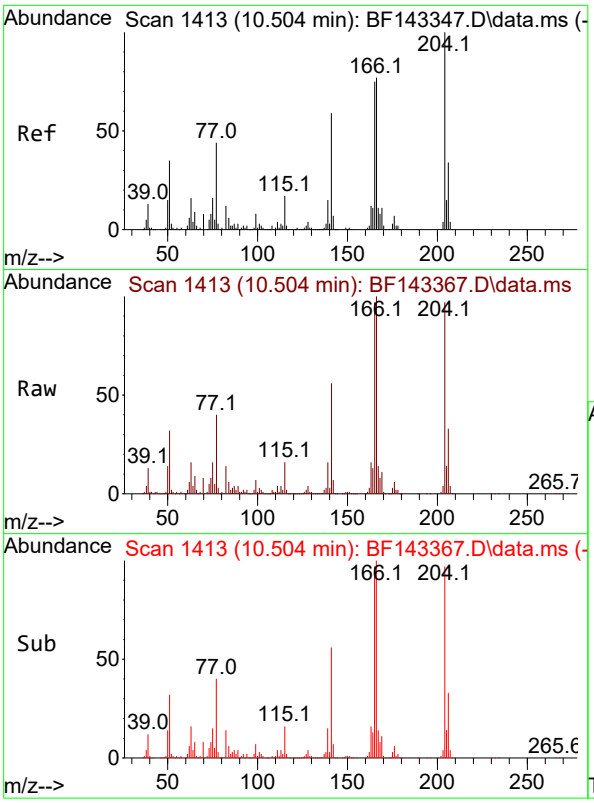


#60
Diethylphthalate
Concen: 50.466 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:149 Resp: 719937

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.2
150	12.7	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.513 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:204 Resp: 35228

Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.2
141	57.5	46.9	70.3

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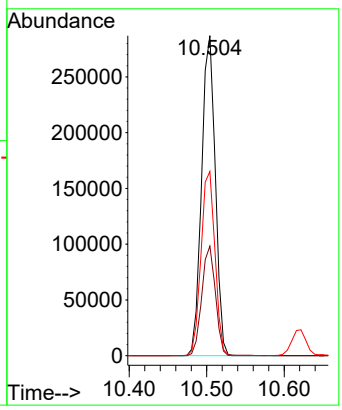
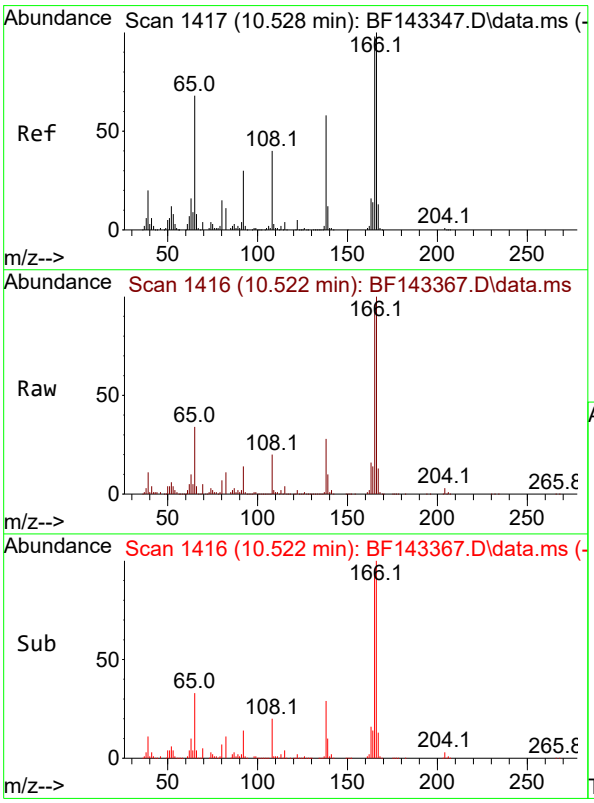
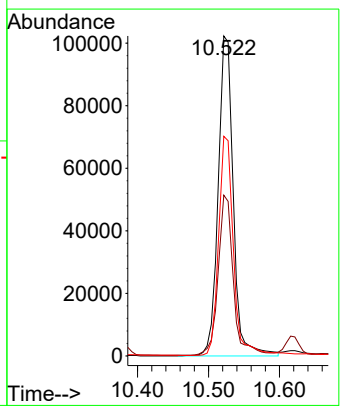


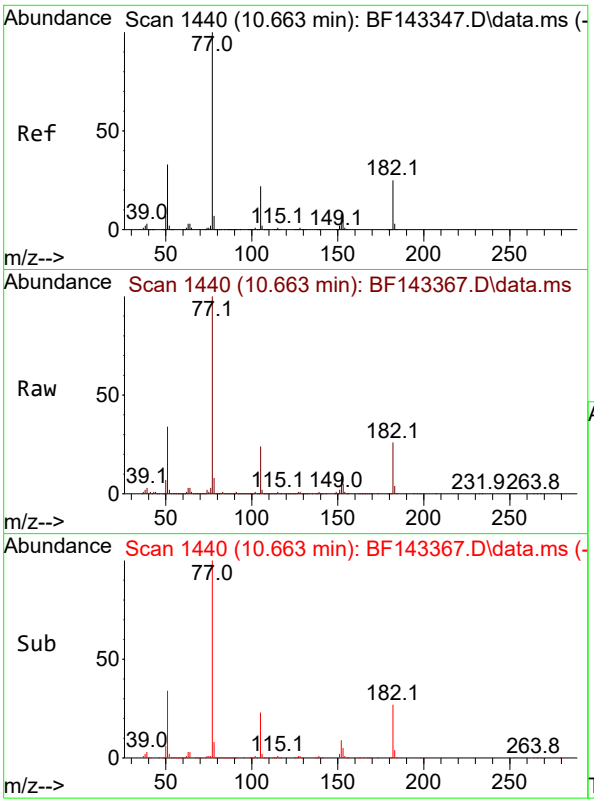


#62
4-Nitroaniline
Concen: 47.789 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:138 Resp: 150805

Ion	Ratio	Lower	Upper
138	100		
92	50.2	31.2	71.2
108	68.7	48.1	88.1

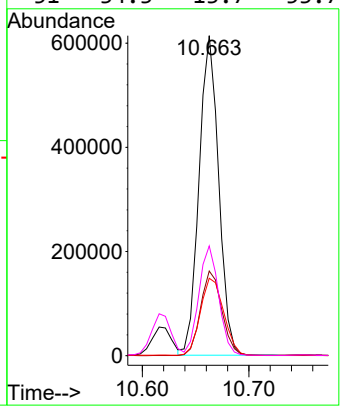




#63
Azobenzene
Concen: 48.208 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 77 Resp: 78552

Ion	Ratio	Lower	Upper
77	100		
182	26.5	4.4	44.4
105	24.2	1.8	41.8
51	34.3	13.7	53.7



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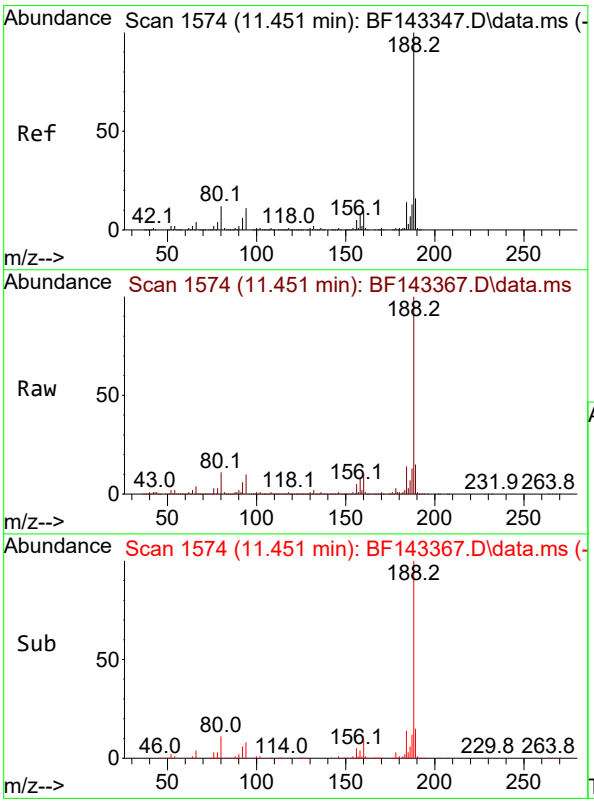
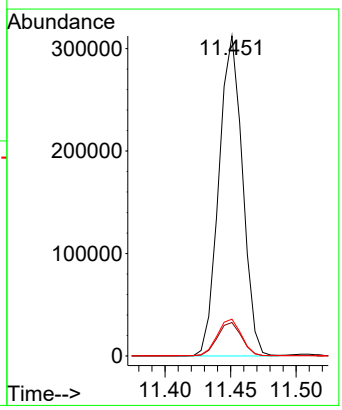
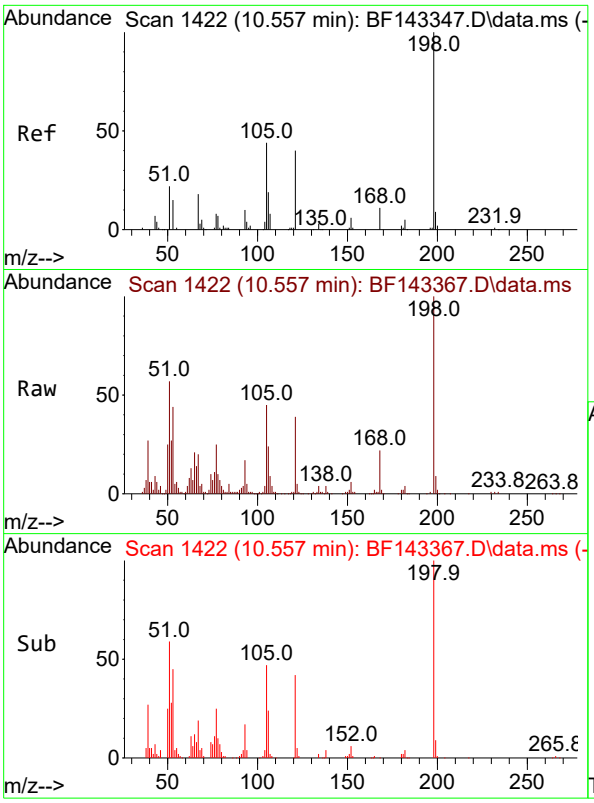


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:188 Resp: 391965

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.8	13.2
80	11.5	9.7	14.5





#65
4,6-Dinitro-2-methylphenol
Concen: 60.040 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:198 Resp: 9861

Ion	Ratio	Lower	Upper
198	100		
51	56.6	41.7	81.7
105	44.6	26.8	66.8

Instrument :
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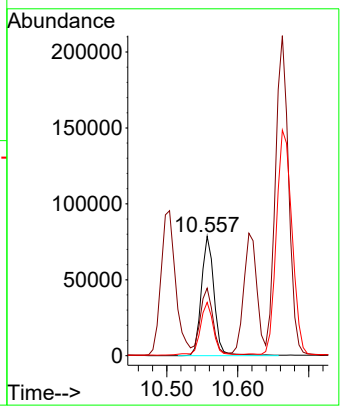
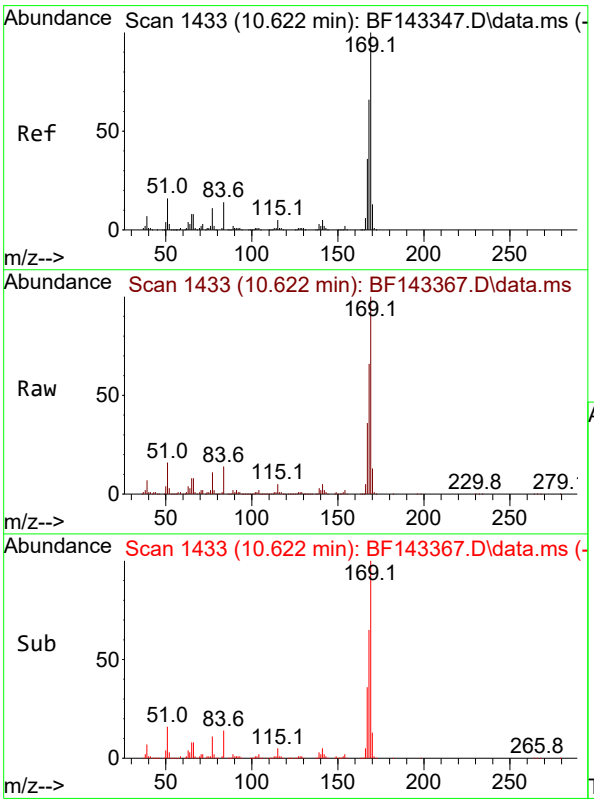
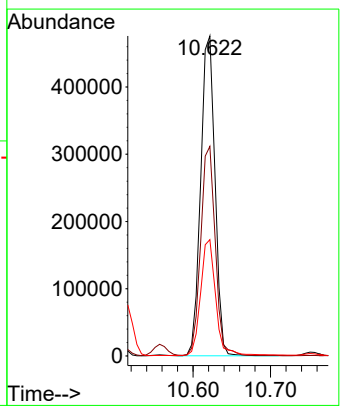


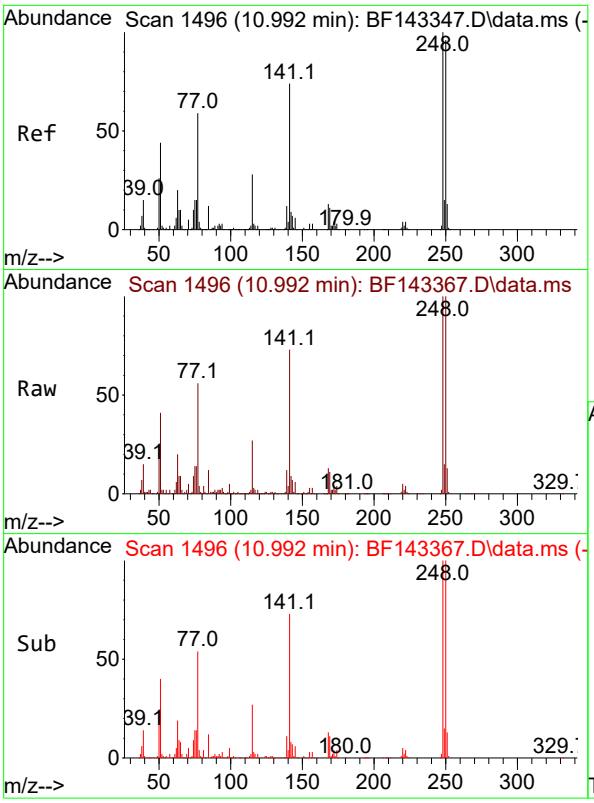


#66
n-Nitrosodiphenylamine
Concen: 47.180 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:169 Resp: 608929

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.7	79.1
167	36.3	28.6	42.8





#67
4-Bromophenyl-phenylether
Concen: 48.176 ng
RT: 10.992 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:248 Resp: 21596

Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.1	115.7
141	72.7	59.1	88.7

Instrument :
BNA_F
ClientSampleId :
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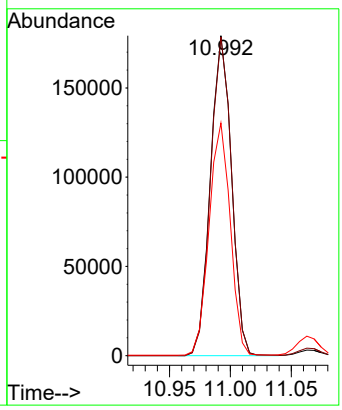
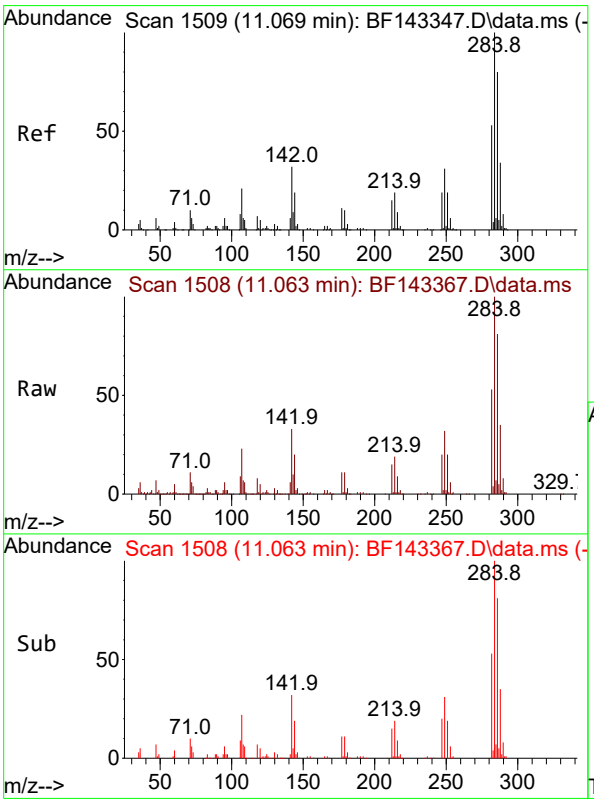
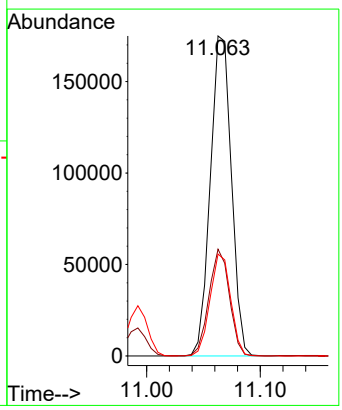


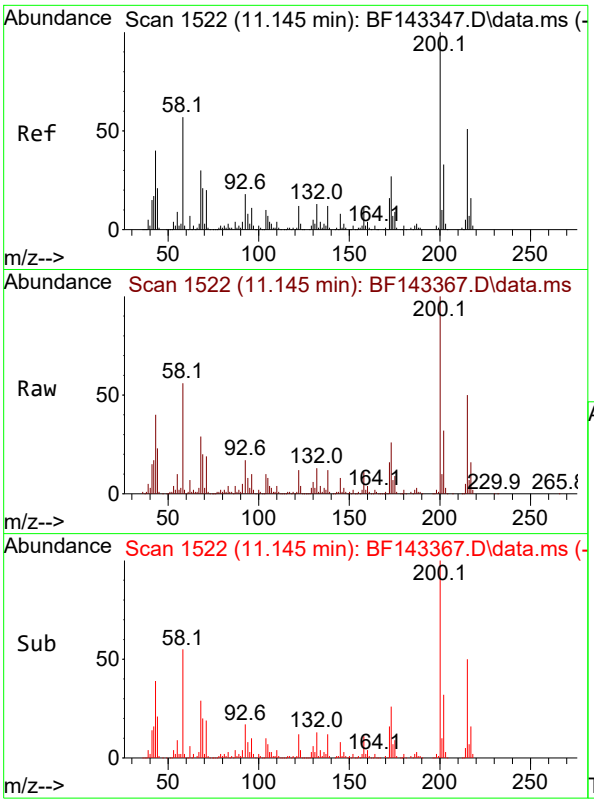


#68
Hexachlorobenzene
Concen: 46.702 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:284 Resp: 225664

Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.7	38.5
249	31.8	24.6	37.0





#69
Atrazine
Concen: 54.927 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:200 Resp: 18490

Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.6	46.6
215	49.5	30.6	70.6

Instrument :
BNA_F
ClientSampleId :
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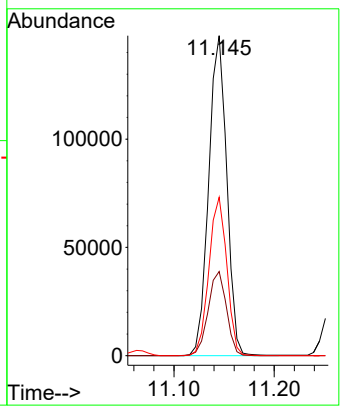
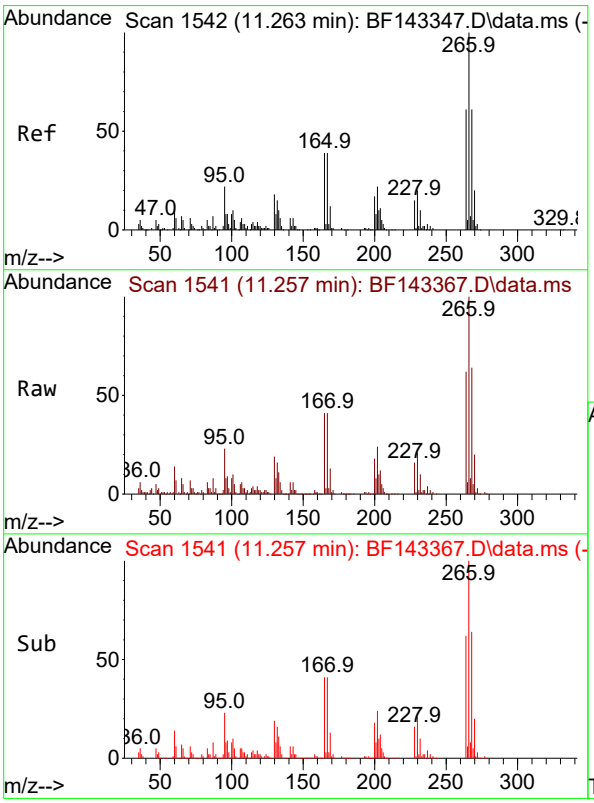
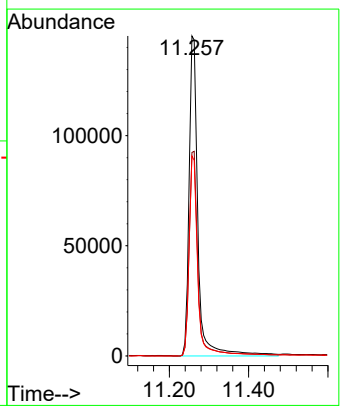


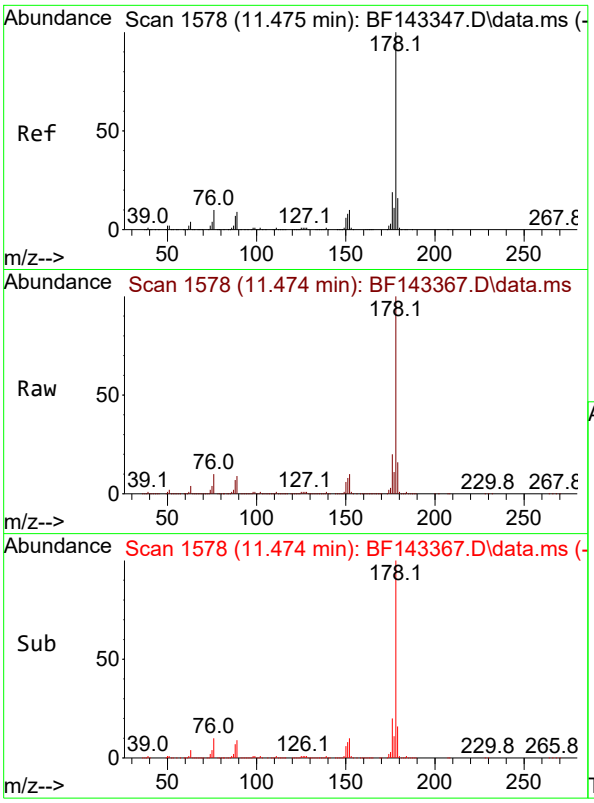


#70
Pentachlorophenol
Concen: 94.613 ng
RT: 11.257 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:266 Resp: 226544

Ion	Ratio	Lower	Upper
266	100		
268	63.6	48.8	73.2
264	62.5	48.8	73.2

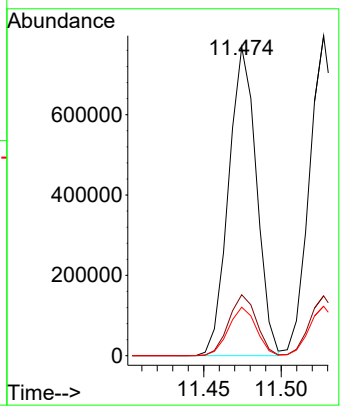




#71
Phenanthrene
Concen: 44.935 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:178 Resp: 96096

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.7	12.5	18.7



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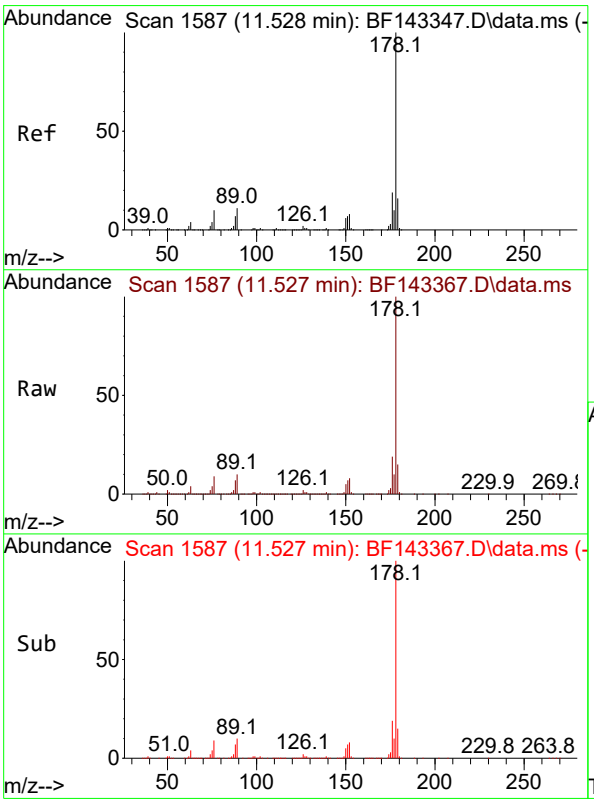
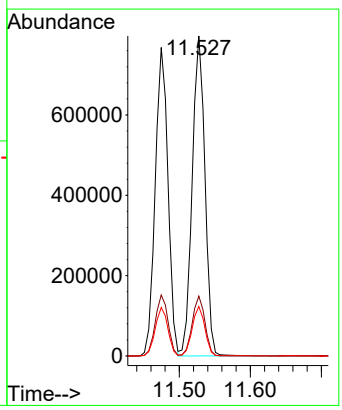
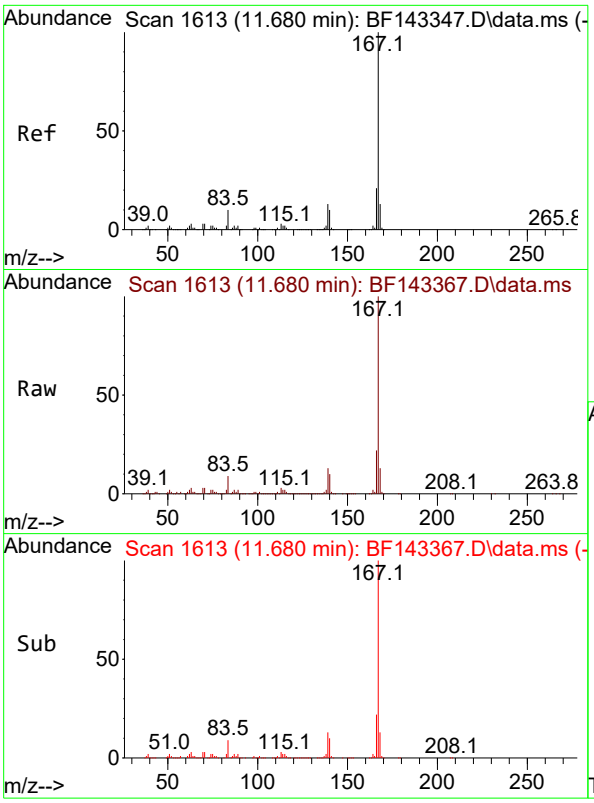


#72
Anthracene
Concen: 45.875 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:178 Resp: 994942

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.4	12.7	19.1

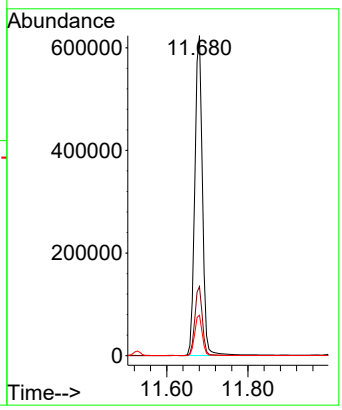




#73
Carbazole
Concen: 44.432 ng
RT: 11.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:167 Resp: 82068

Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.8	25.2
139	12.7	10.2	15.2



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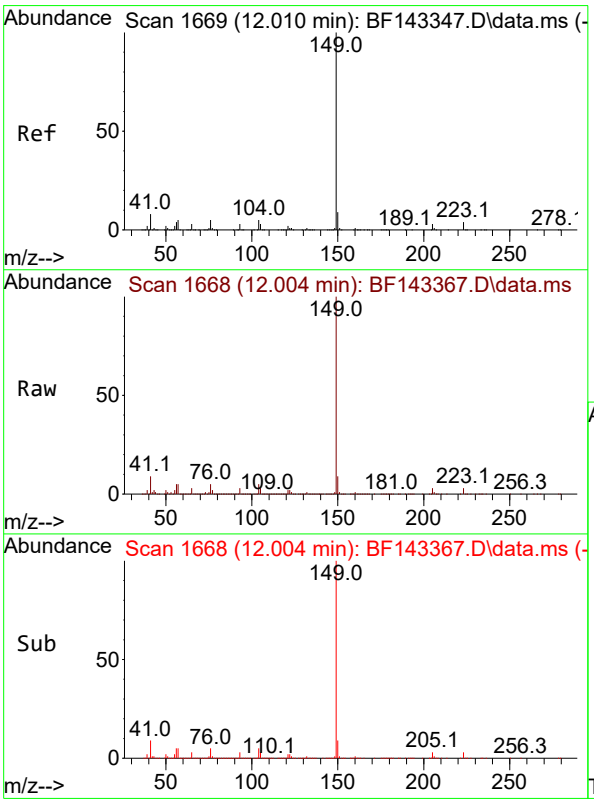
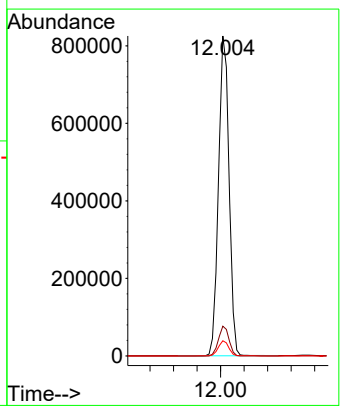
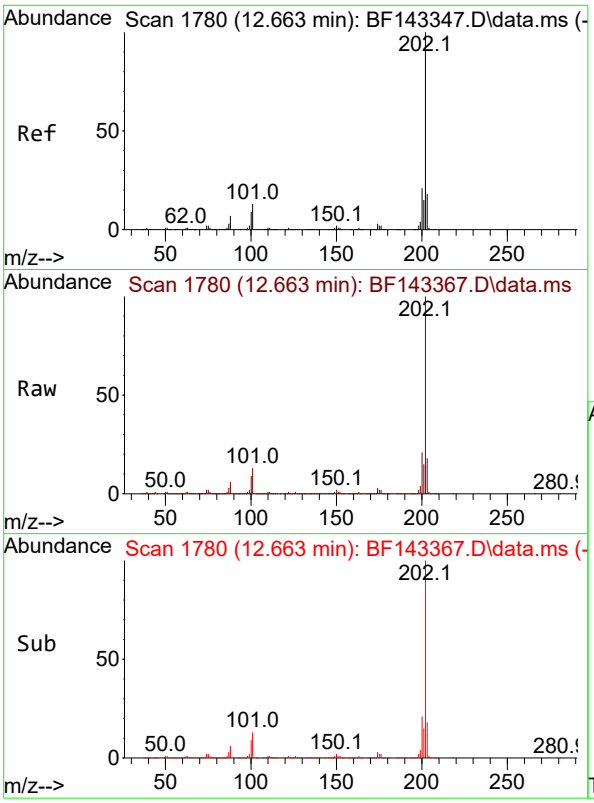


#74
Di-n-butylphthalate
Concen: 65.918 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:149 Resp: 1030302

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.7	3.8	5.8

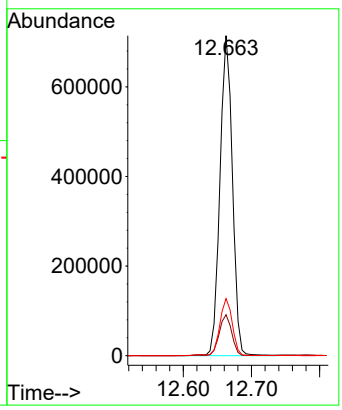




#75
Fluoranthene
Concen: 48.568 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:202 Resp: 90980

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.9	0.0	37.6



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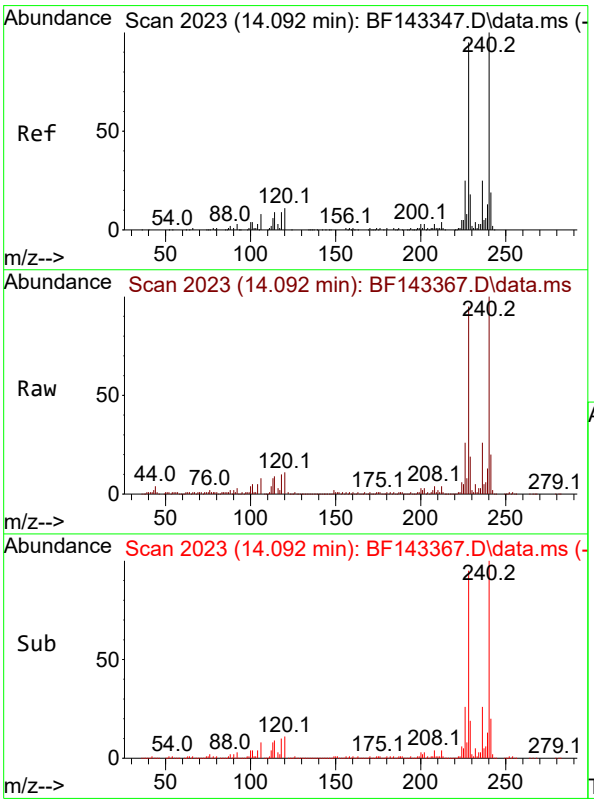
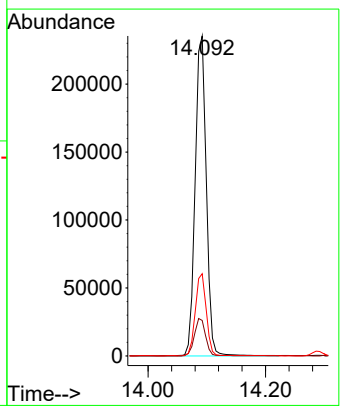
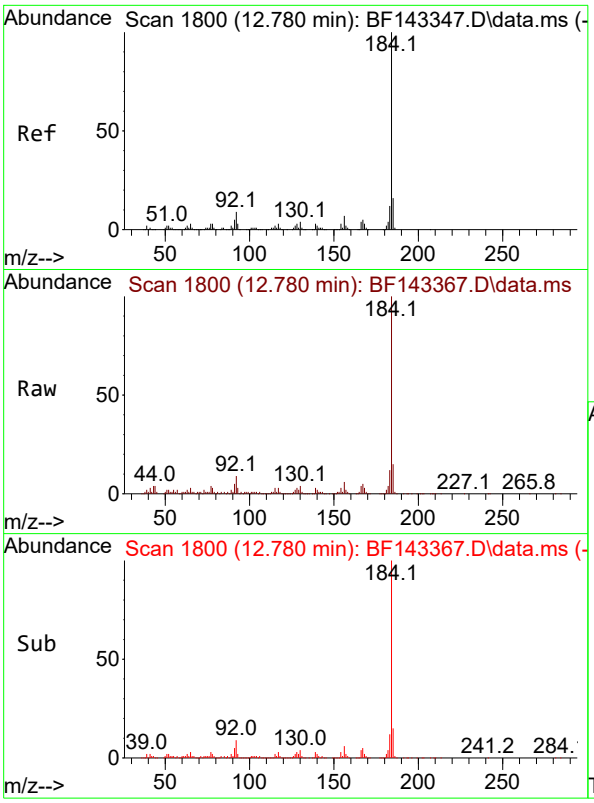


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:240 Resp: 309493

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.6
236	25.7	19.9	29.9

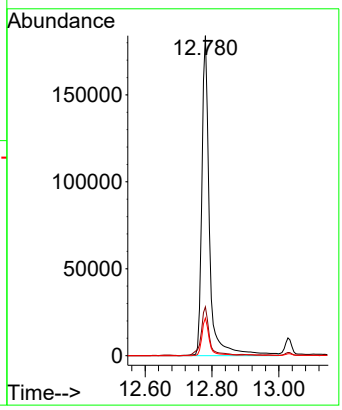




#77
Benzidine
Concen: 34.736 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:184 Resp: 29391

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.8	19.2
183	11.7	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

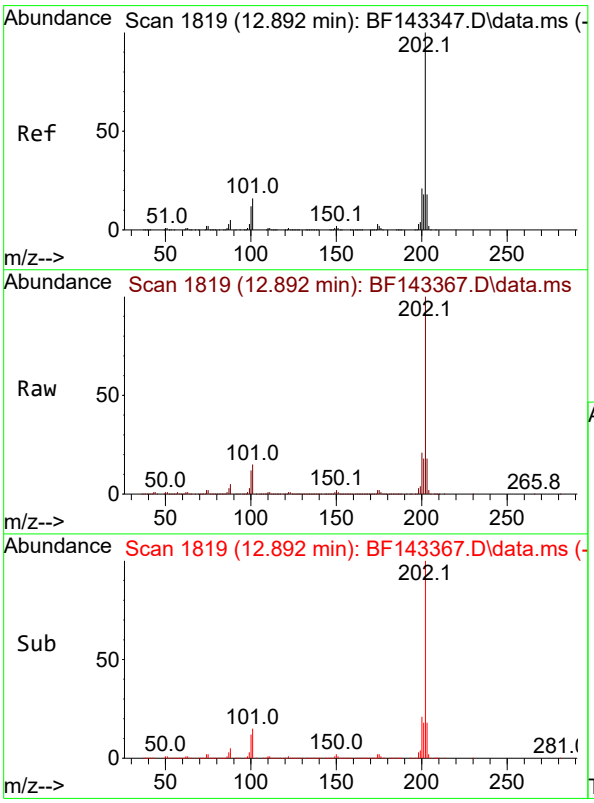
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/14/2025

Supervised By :Jagrut Upadhyay

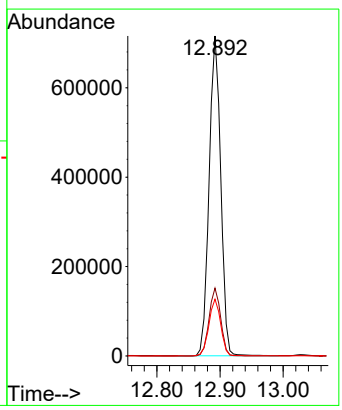
08/15/2025

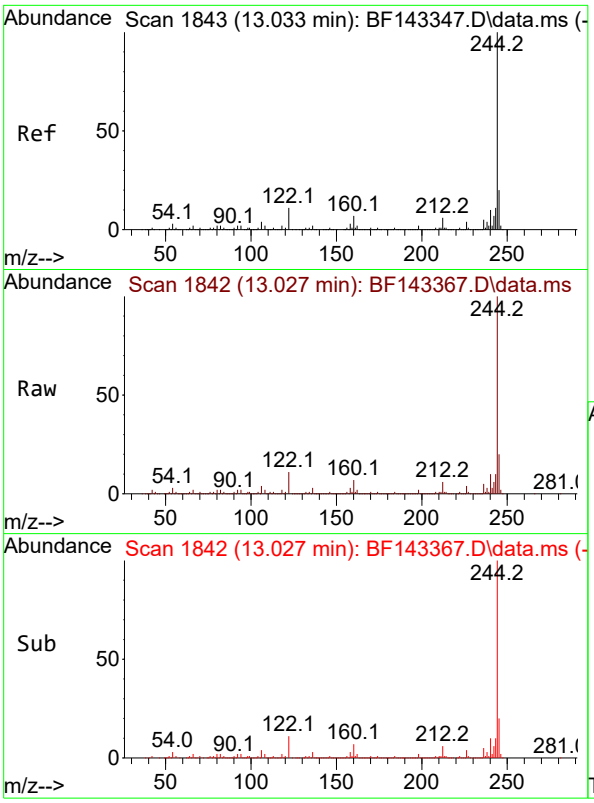


#78
Pyrene
Concen: 35.225 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:202 Resp: 914572

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.8	14.2	21.4

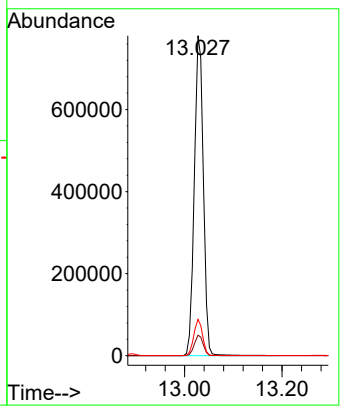




#79
Terphenyl-d14
Concen: 58.445 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:244 Resp: 101315

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.1	7.7
122	11.4	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

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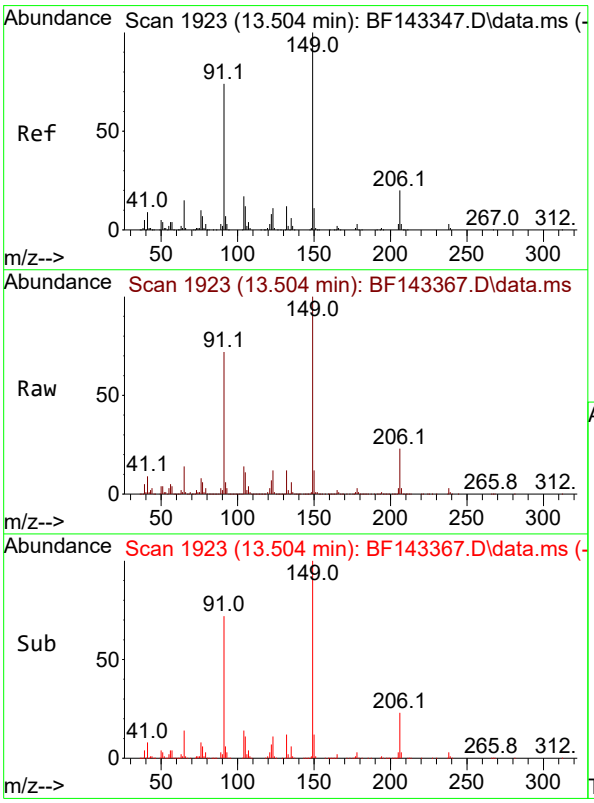
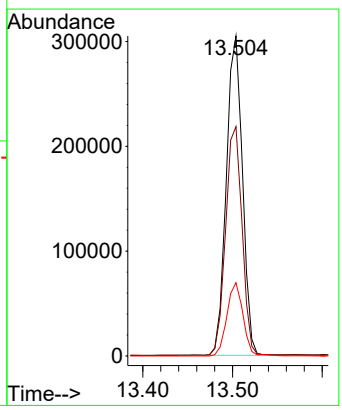
08/15/2025

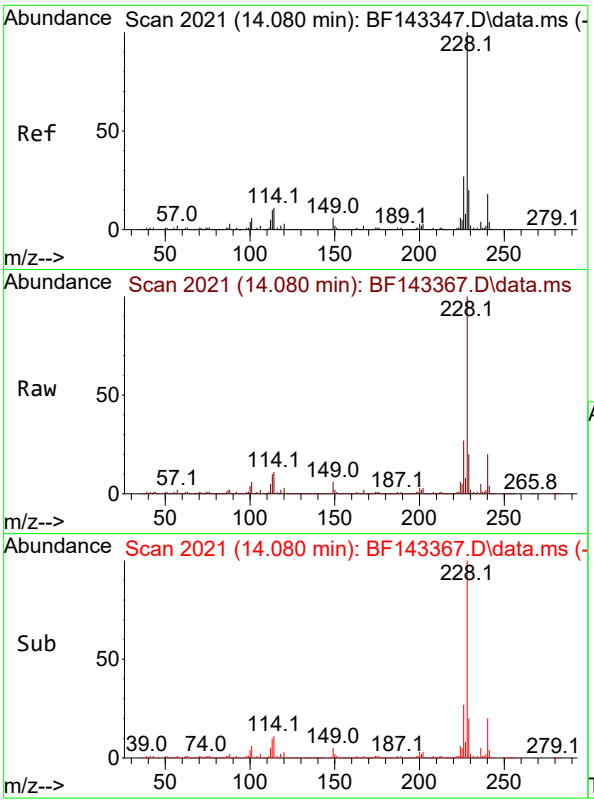


#80
Butylbenzylphthalate
Concen: 72.449 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:149 Resp: 381128

Ion	Ratio	Lower	Upper
149	100		
91	71.7	58.8	88.2
206	22.9	16.4	24.6

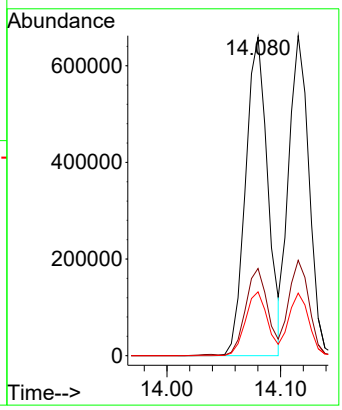




#81
Benzo(a)anthracene
Concen: 45.707 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:228 Resp: 89911

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	20.1	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED

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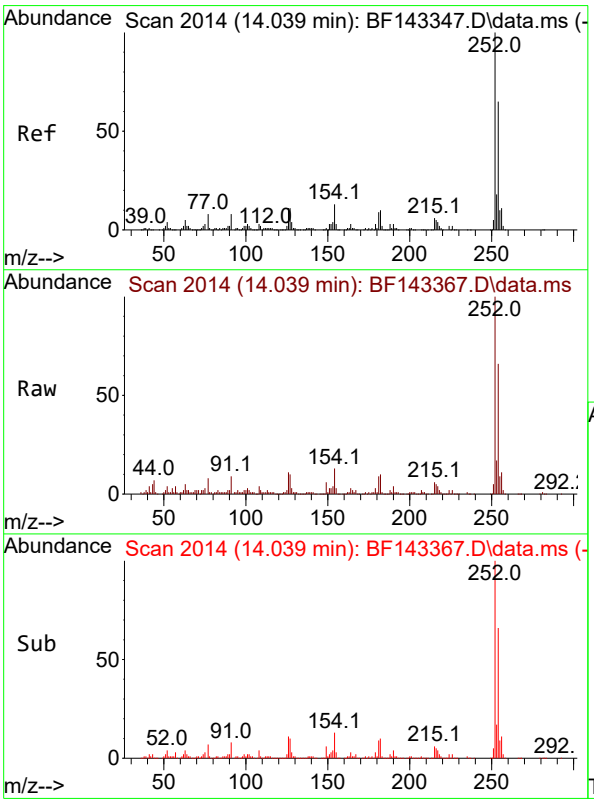
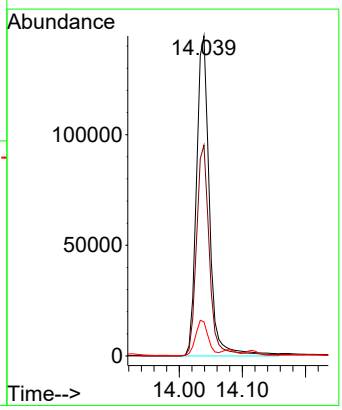
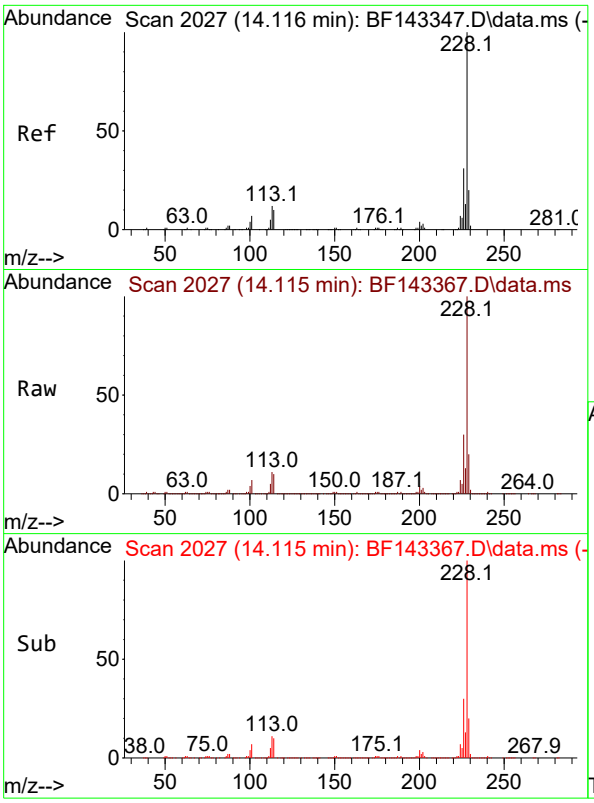


#82
3,3'-Dichlorobenzidine
Concen: 38.894 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:252 Resp: 206592

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.7	77.5
126	10.7	9.2	13.8

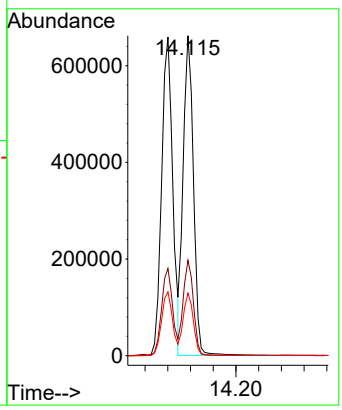




#83
Chrysene
Concen: 45.269 ng
RT: 14.115 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:228 Resp: 83034

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.5	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations
APPROVED

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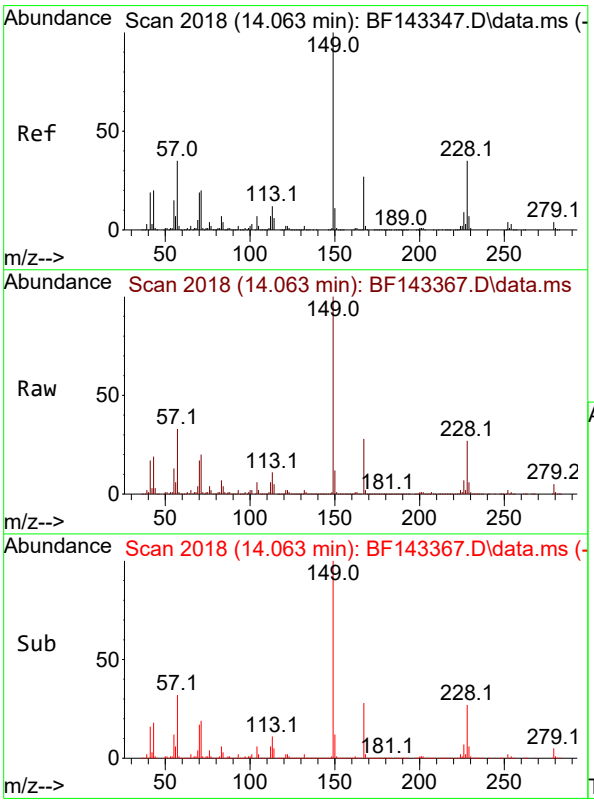
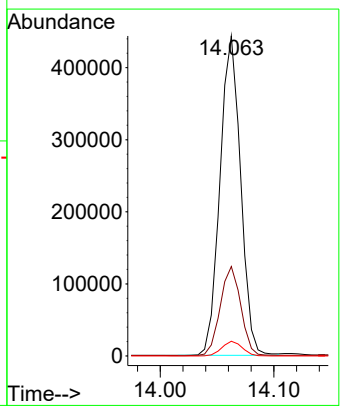
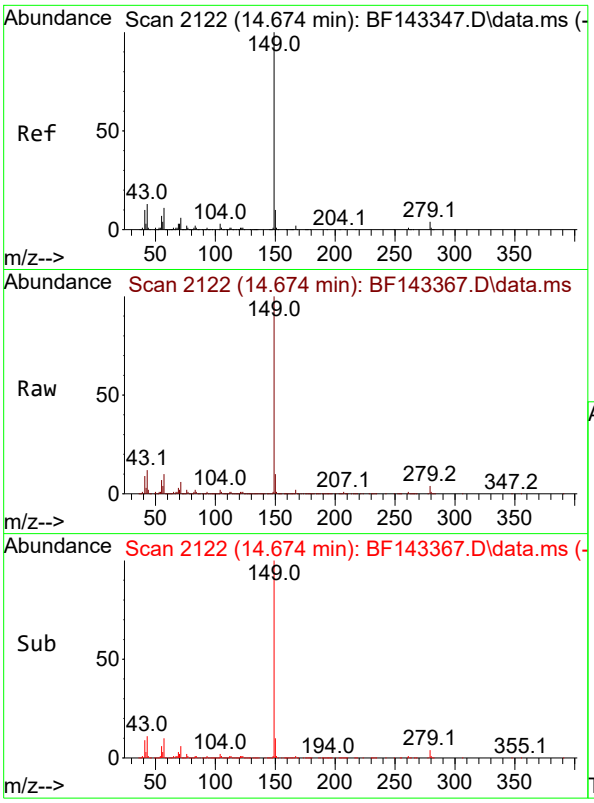


#84
Bis(2-ethylhexyl)phthalate
Concen: 71.994 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:149 Resp: 559729

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.4	32.0
279	4.6	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 65.934 ng
RT: 14.674 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:149 Resp: 102937

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.7	10.8	16.2

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED

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08/14/2025

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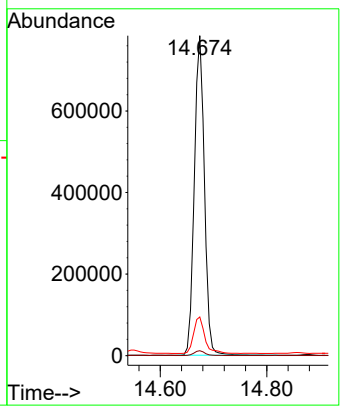
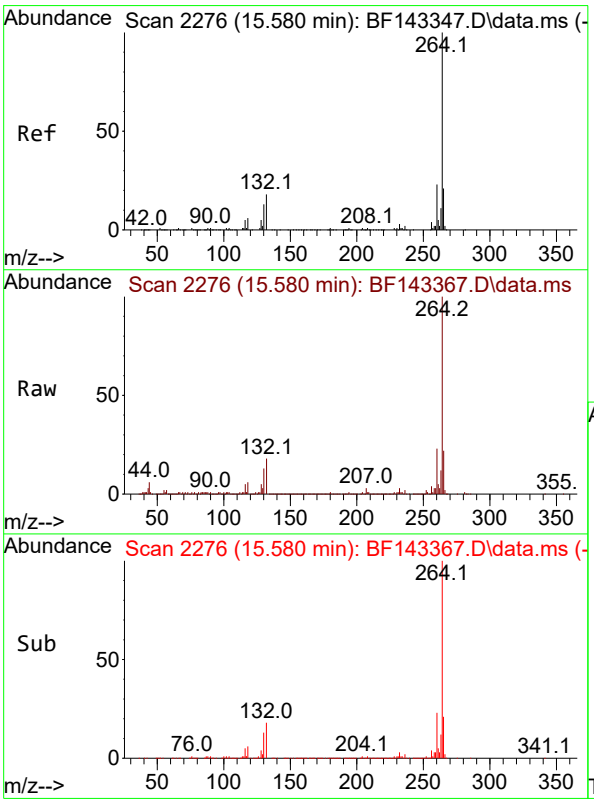
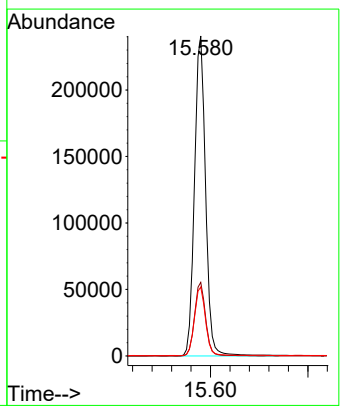


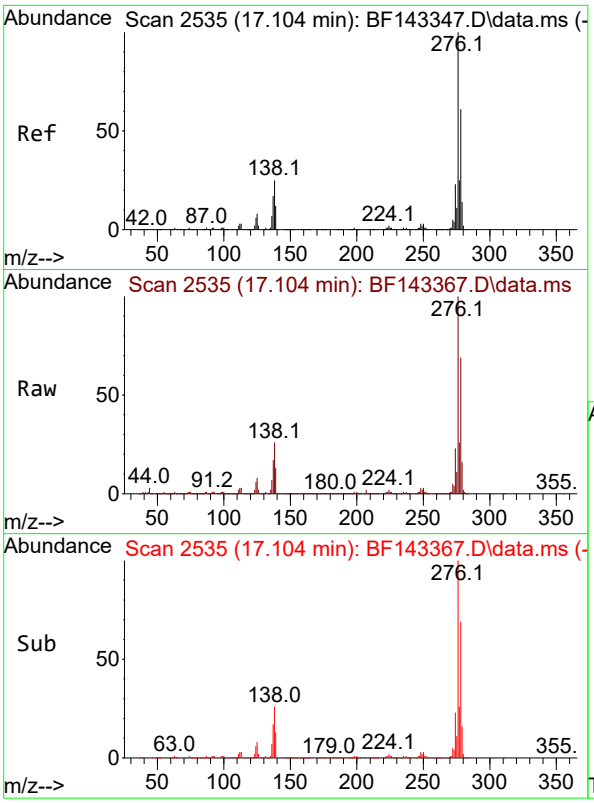


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:264 Resp: 383464

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.5	17.2	25.8

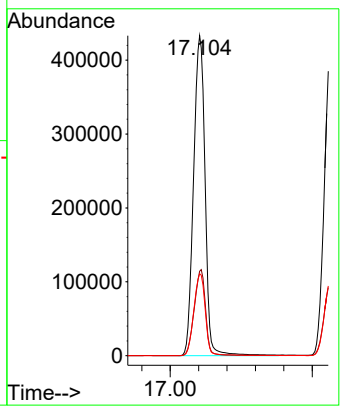




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.425 ng
RT: 17.104 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:276 Resp: 122048

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.1	31.7
277	25.3	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

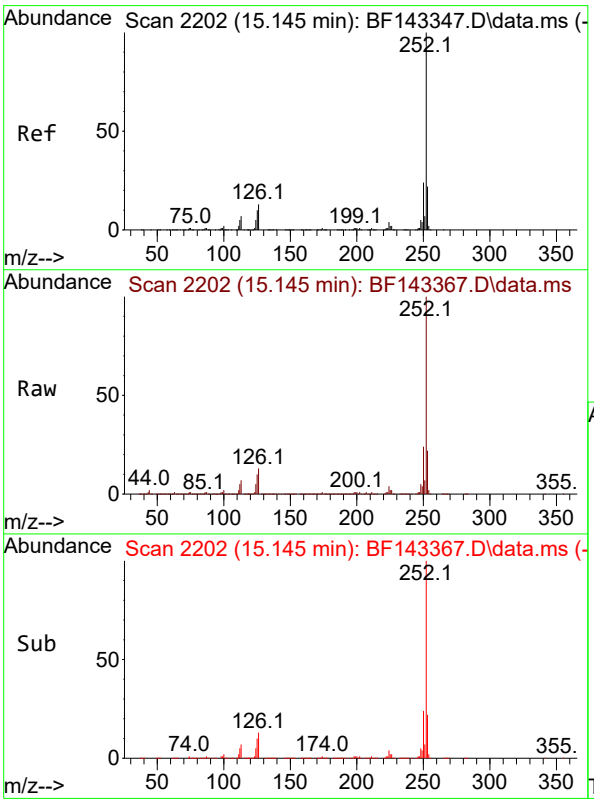
Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/14/2025

Supervised By :Jagrut Upadhyay

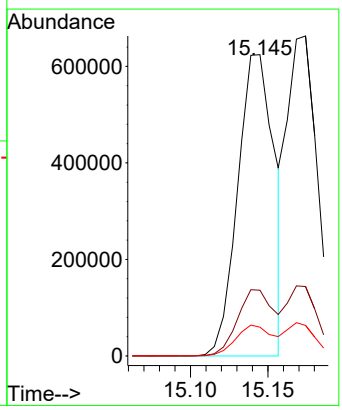
08/15/2025

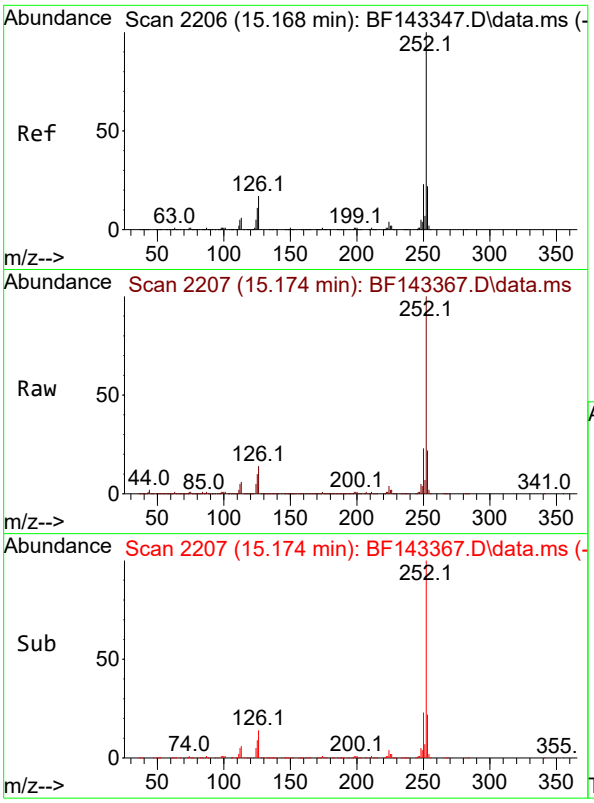


#88
Benzo(b)fluoranthene
Concen: 48.714 ng
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:252 Resp: 1021721

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	9.6	7.8	11.6

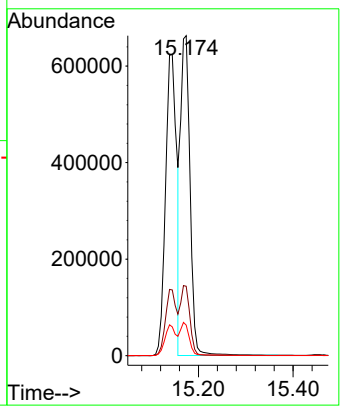




#89
Benzo(k)fluoranthene
Concen: 45.078 ng
RT: 15.174 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:252 Resp: 91869

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.5	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

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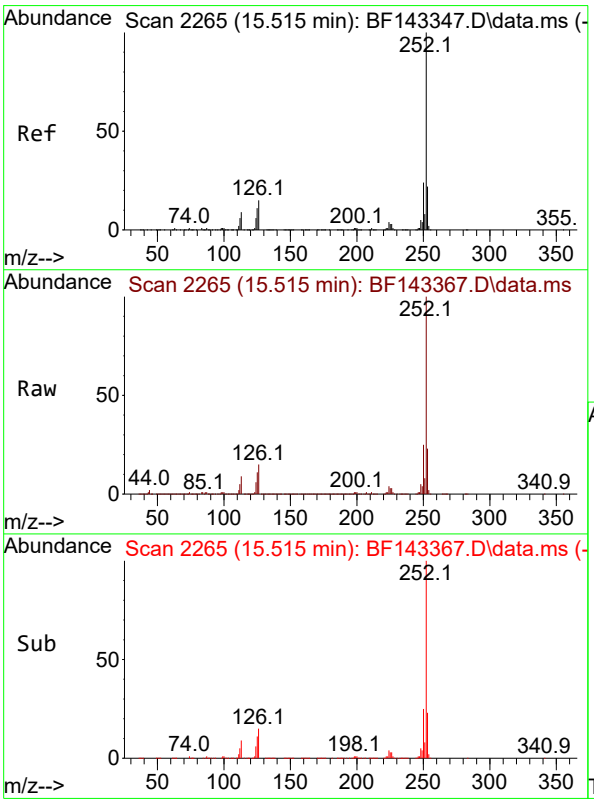
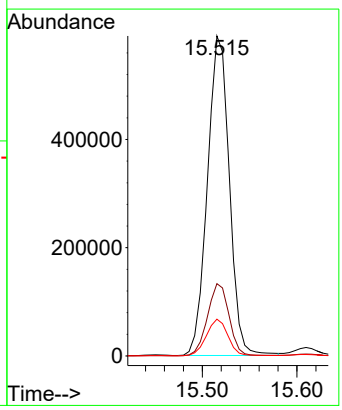
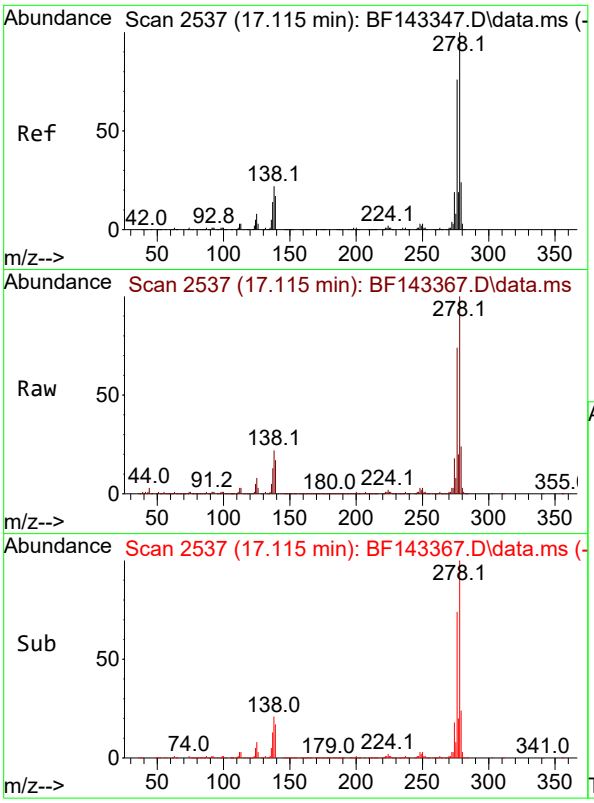


#90
Benzo(a)pyrene
Concen: 48.173 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:252 Resp: 951612

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.5	9.1	13.7





#91
Dibenzo(a,h)anthracene
Concen: 44.637 ng
RT: 17.115 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:278 Resp: 97968

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.0	21.0
279	24.0	19.4	29.0

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations APPROVED

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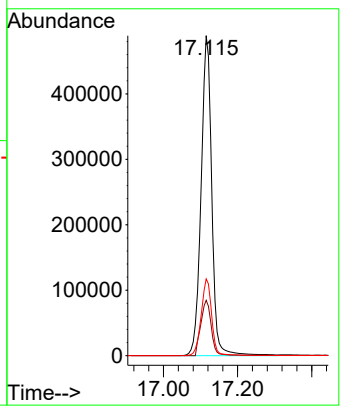
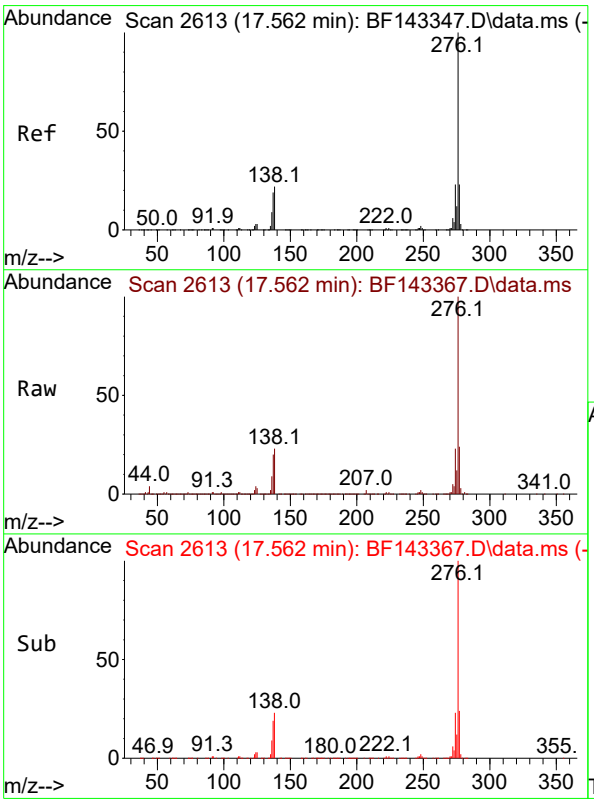
08/15/2025

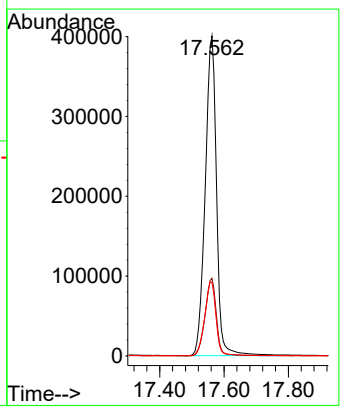




#92
Benzo(g,h,i)perylene
Concen: 44.090 ng
RT: 17.562 min Scan# 2613
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:276 Resp: 974809

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	23.1	17.8	26.8



Raw Data: **BF143368.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2818
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 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
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	870		120	240	ug/Kg
108-95-2	Phenol	1100		16.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		18.0	130	ug/Kg
95-57-8	2-Chlorophenol	1200		18.1	130	ug/Kg
95-48-7	2-Methylphenol	1200		22.1	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		27.8	130	ug/Kg
98-86-2	Acetophenone	1100		21.8	130	ug/Kg
65794-96-9	3+4-Methylphenols	1100		30.4	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		35.1	59.2	ug/Kg
67-72-1	Hexachloroethane	1200		13.0	130	ug/Kg
98-95-3	Nitrobenzene	1200		13.5	130	ug/Kg
78-59-1	Isophorone	1200		24.3	130	ug/Kg
88-75-5	2-Nitrophenol	1400		43.1	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		48.0	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		22.8	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		21.0	130	ug/Kg
91-20-3	Naphthalene	1100		16.8	130	ug/Kg
106-47-8	4-Chloroaniline	550		26.2	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		18.7	130	ug/Kg
105-60-2	Caprolactam	1500		38.6	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		21.2	130	ug/Kg
91-57-6	2-Methylnaphthalene	1000		19.0	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	E	85.9	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		14.7	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		21.5	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.1	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.7	130	ug/Kg
88-74-4	2-Nitroaniline	1300		35.6	130	ug/Kg
131-11-3	Dimethylphthalate	1300		20.1	130	ug/Kg

Raw Data: **BF143368.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2818
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 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
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		21.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		24.9	130	ug/Kg
99-09-2	3-Nitroaniline	990		34.1	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	170	240	ug/Kg
100-02-7	4-Nitrophenol	2400	E	79.2	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		37.1	130	ug/Kg
84-66-2	Diethylphthalate	1400		21.0	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		19.8	130	ug/Kg
86-73-7	Fluorene	1100		18.7	130	ug/Kg
100-01-6	4-Nitroaniline	1500		47.5	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		76.3	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		24.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		20.6	130	ug/Kg
118-74-1	Hexachlorobenzene	1100		18.7	130	ug/Kg
1912-24-9	Atrazine	1400		25.2	130	ug/Kg
87-86-5	Pentachlorophenol	2500	E	38.0	240	ug/Kg
85-01-8	Phenanthrene	1100		15.5	130	ug/Kg
120-12-7	Anthracene	1100		24.7	130	ug/Kg
86-74-8	Carbazole	1100		23.1	130	ug/Kg
84-74-2	Di-n-butylphthalate	1700		35.5	130	ug/Kg
206-44-0	Fluoranthene	1300		22.2	130	ug/Kg
129-00-0	Pyrene	1200		26.7	130	ug/Kg
85-68-7	Butylbenzylphthalate	2300	E	52.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860		27.2	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.0	130	ug/Kg
218-01-9	Chrysene	1200		14.7	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		43.8	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		64.3	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		14.1	130	ug/Kg

Raw Data: **BF143368.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2818
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 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
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1300		16.6	130	ug/Kg
50-32-8	Benzo(a)pyrene	1200		21.8	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.5	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		20.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.0	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		19.0	130	ug/Kg
123-91-1	1,4-Dioxane	980		33.5	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		20.3	130	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.8		18 - 112	65%	SPK: 150
13127-88-3	Phenol-d6	101		15 - 107	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.3		18 - 107	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.9		20 - 109	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		10 - 116	95%	SPK: 150
1718-51-0	Terphenyl-d14	77.5		10 - 105	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	182000	6.928			
1146-65-2	Naphthalene-d8	708000	8.21			
15067-26-2	Acenaphthene-d10	401000	9.969			
1517-22-2	Phenanthrene-d10	660000	11.451			
1719-03-5	Chrysene-d12	401000	14.092			
1520-96-3	Perylene-d12	381000	15.58			

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: **BF143368.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143368.D
Acq On : 13 Aug 2025 11:42
Operator : RC/JU
Sample : Q2830-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 12:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	182122	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	707644	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	400799	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	660496	20.000	ng		0.00
76) Chrysene-d12	14.092	240	401162	20.000	ng		0.00
86) Perylene-d12	15.580	264	380758	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	1030173	97.815	ng		0.01
7) Phenol-d6	6.569	99	1365162	101.081	ng		0.00
23) Nitrobenzene-d5	7.487	82	878016	77.266	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	416362	142.146	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	1556632	65.860	ng		0.00
79) Terphenyl-d14	13.033	244	1742522	77.549	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.852	88	216902	39.800	ng		99
3) Pyridine	3.610	79	587317	40.442	ng		98
4) n-Nitrosodimethylamine	3.552	42	317834	46.983	ng		99
6) Aniline	6.593	93	623006	32.720	ng	#	85
8) 2-Chlorophenol	6.722	128	538312	47.835	ng		97
9) Benzaldehyde	6.481	77	312941	35.058	ng		99
10) Phenol	6.581	94	683901	42.745	ng		90
11) bis(2-Chloroethyl)ether	6.663	93	535850	45.443	ng		100
12) 1,3-Dichlorobenzene	6.875	146	578637	44.578	ng		99
13) 1,4-Dichlorobenzene	6.945	146	581723	44.652	ng		99
14) 1,2-Dichlorobenzene	7.098	146	570467	46.129	ng		100
15) Benzyl Alcohol	7.069	79	492701	50.893	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	961341	45.666	ng		98
17) 2-Methylphenol	7.187	107	443333	46.670	ng		98
18) Hexachloroethane	7.445	117	202404	49.556	ng		97
19) n-Nitroso-di-n-propyla...	7.340	70	388884	46.600	ng		100
20) 3+4-Methylphenols	7.334	107	518418	45.126	ng		98
22) Acetophenone	7.334	105	694973	44.573	ng		99
24) Nitrobenzene	7.510	77	593508	48.092	ng		98
25) Isophorone	7.751	82	1117448	48.170	ng		100
26) 2-Nitrophenol	7.828	139	294278	58.630	ng		98
27) 2,4-Dimethylphenol	7.863	122	511164	52.817	ng		99
28) bis(2-Chloroethoxy)met...	7.957	93	676006	47.729	ng		100
29) 2,4-Dichlorophenol	8.069	162	468786	49.593	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	478500	47.989	ng		99
31) Naphthalene	8.234	128	1505002	44.199	ng		100
32) Benzoic acid	7.998	122	309164	65.585	ng		98
33) 4-Chloroaniline	8.275	127	272712	22.205	ng		99
34) Hexachlorobutadiene	8.351	225	288283	46.477	ng		99
35) Caprolactam	8.657	113	165196m	62.166	ng		
36) 4-Chloro-3-methylphenol	8.769	107	502504	50.708	ng		98
37) 2-Methylnaphthalene	8.922	142	946801	42.295	ng		100
38) 1-Methylnaphthalene	9.022	142	966128	44.811	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	480387	43.801	ng		99
41) Hexachlorocyclopentadiene	9.081	237	428209	108.143	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	328493	52.788	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143368.D
Acq On : 13 Aug 2025 11:42
Operator : RC/JU
Sample : Q2830-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 12:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	351758	50.056	ng		100
46) 1,1'-Biphenyl	9.386	154	1270549	44.834	ng		100
47) 2-Chloronaphthalene	9.416	162	979937	43.906	ng		99
48) 2-Nitroaniline	9.504	65	340937	52.679	ng		100
49) Acenaphthylene	9.828	152	1581483	49.067	ng		99
50) Dimethylphthalate	9.686	163	1214679	51.866	ng		99
51) 2,6-Dinitrotoluene	9.745	165	268843	59.883	ng		94
52) Acenaphthene	10.004	154	1043271	48.688	ng		99
53) 3-Nitroaniline	9.916	138	192473	40.131	ng		98
54) 2,4-Dinitrophenol	10.028	184	241742	108.851	ng	#	79
55) Dibenzofuran	10.175	168	1401976	45.461	ng		99
56) 4-Nitrophenol	10.086	139	377068	97.115	ng		95
57) 2,4-Dinitrotoluene	10.151	165	367974	61.658	ng		94
58) Fluorene	10.516	166	1069858	45.419	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	302951	63.954	ng		98
60) Diethylphthalate	10.386	149	1155461	55.082	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	544980	47.882	ng		99
62) 4-Nitroaniline	10.534	138	276498	59.587	ng		99
63) Azobenzene	10.669	77	1235605	51.569	ng		95
65) 4,6-Dinitro-2-methylph...	10.563	198	186228	66.409	ng		96
66) n-Nitrosodiphenylamine	10.622	169	962968	44.277	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	358621	47.475	ng		95
68) Hexachlorobenzene	11.069	284	376657	46.259	ng		99
69) Atrazine	11.151	200	331678	58.471	ng		99
70) Pentachlorophenol	11.263	266	403940	99.770	ng		97
71) Phenanthrene	11.480	178	1582864	43.924	ng		99
72) Anthracene	11.533	178	1617222	44.251	ng		100
73) Carbazole	11.680	167	1435658	46.126	ng		98
74) Di-n-butylphthalate	12.010	149	1806368	68.584	ng		100
75) Fluoranthene	12.669	202	1600581	50.705	ng		99
77) Benzidine	12.780	184	443223	40.413	ng		98
78) Pyrene	12.898	202	1573380	46.752	ng		99
80) Butylbenzylphthalate	13.504	149	628406	91.246	ng		98
81) Benzo(a)anthracene	14.080	228	1177706	46.189	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	240837	34.980	ng		99
83) Chrysene	14.121	228	1116683	46.969	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	801196	79.088	ng		97
85) Di-n-octyl phthalate	14.674	149	1151053	57.708	ng		96
87) Indeno(1,2,3-cd)pyrene	17.104	276	1270391	46.571	ng		99
88) Benzo(b)fluoranthene	15.145	252	1011358	48.563	ng		99
89) Benzo(k)fluoranthene	15.174	252	1035288	51.160	ng		100
90) Benzo(a)pyrene	15.521	252	987713	50.356	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	1038764	47.665	ng		99
92) Benzo(g,h,i)perylene	17.562	276	1008201	45.924	ng		99

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

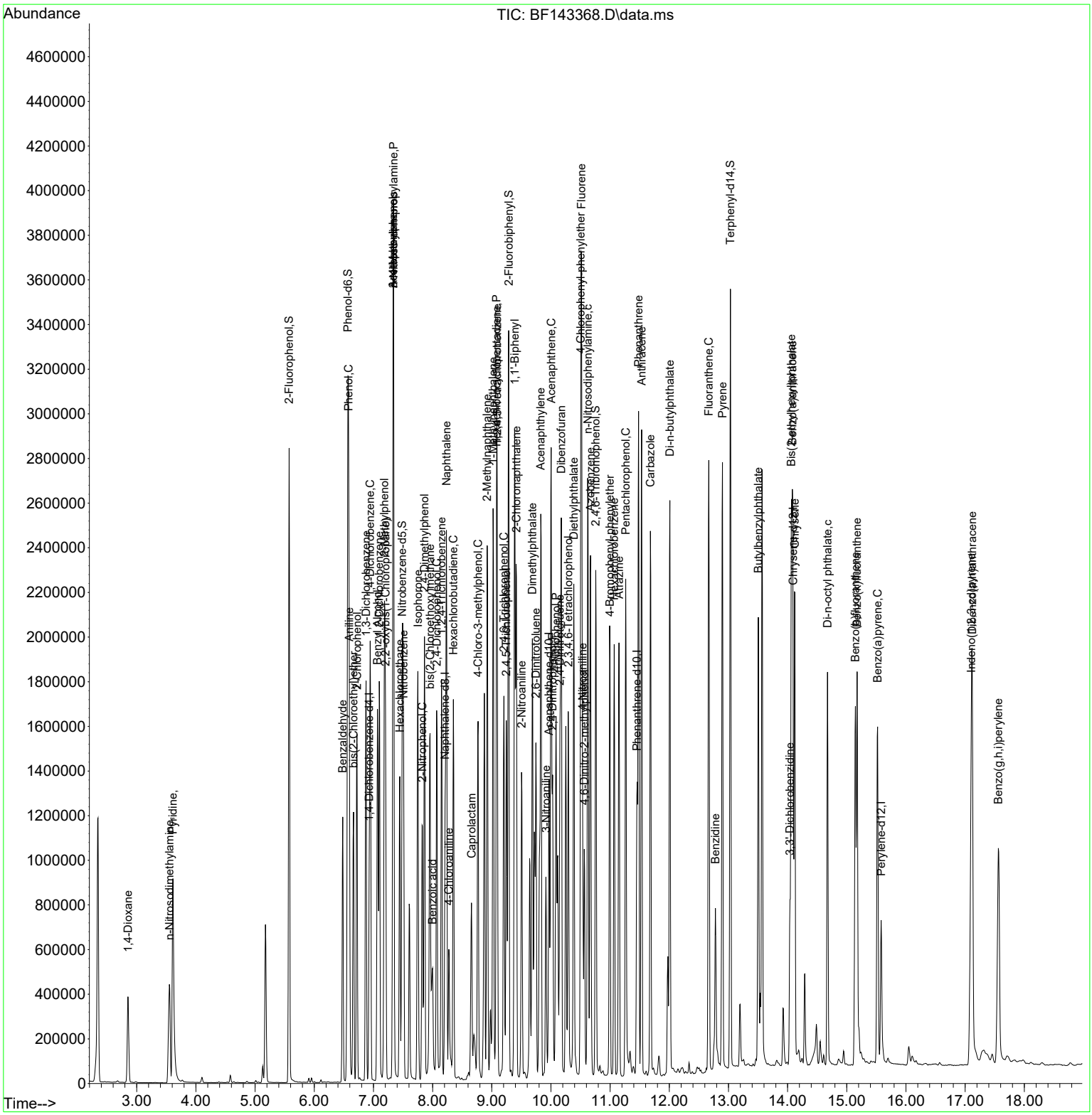
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143368.D
Acq On : 13 Aug 2025 11:42
Operator : RC/JU
Sample : Q2830-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

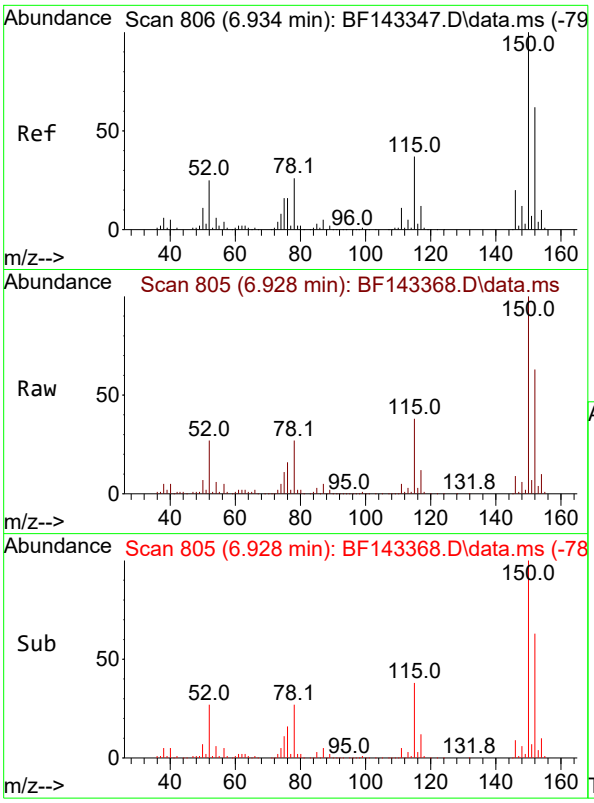
Quant Time: Aug 13 12:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

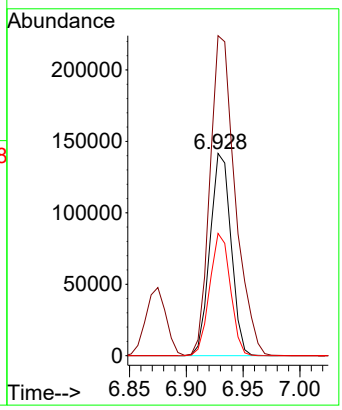




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:152 Resp: 18212

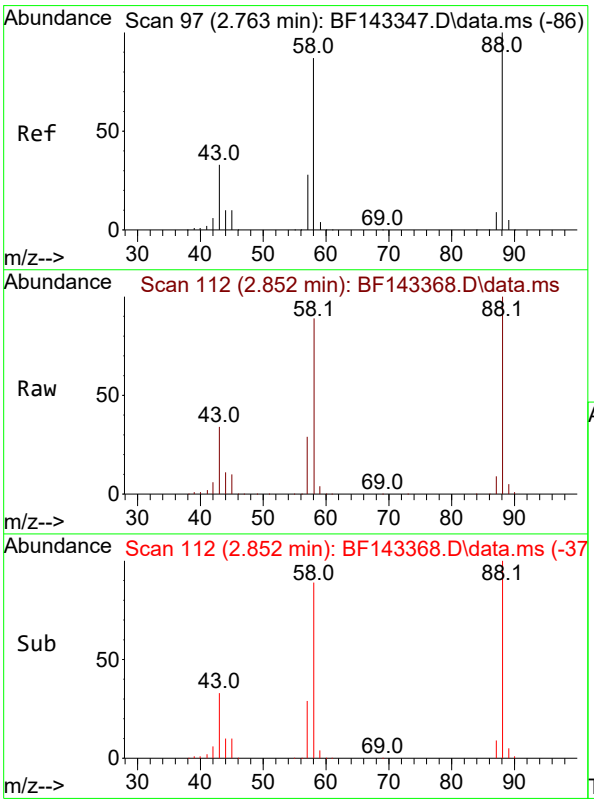
Ion	Ratio	Lower	Upper
152	100		
150	158.2	129.8	194.8
115	60.5	47.8	71.8



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations
APPROVED

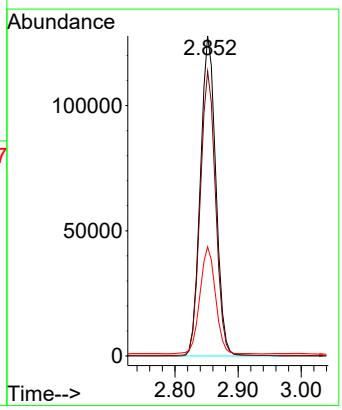
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

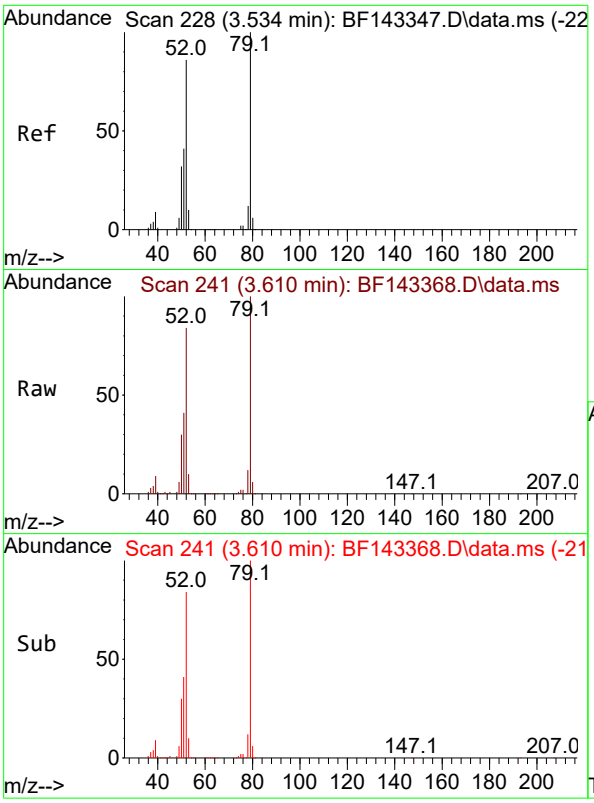


#2
1,4-Dioxane
Concen: 39.800 ng
RT: 2.852 min Scan# 112
Delta R.T. 0.088 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 88 Resp: 216902

Ion	Ratio	Lower	Upper
88	100		
58	87.7	71.0	106.6
43	33.7	27.0	40.6





#3
Pyridine
Concen: 40.442 ng
RT: 3.610 min Scan# 24
Delta R.T. 0.077 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

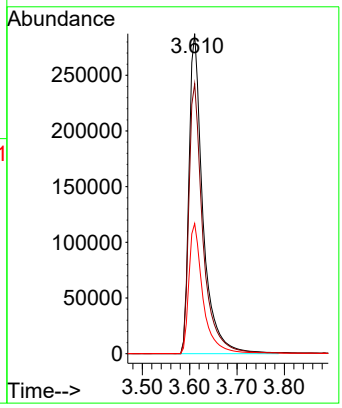
Tgt Ion: 79 Resp: 58731

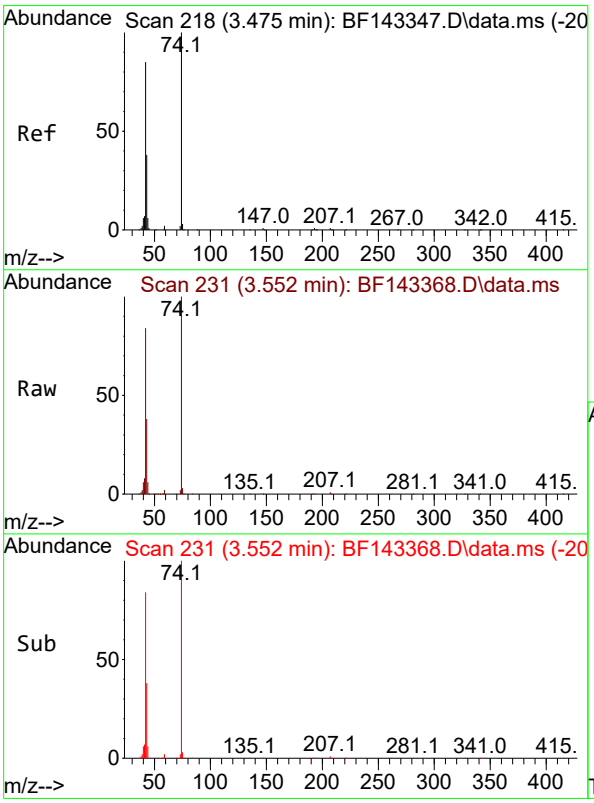
Ion	Ratio	Lower	Upper
79	100		
52	84.4	68.7	103.1
51	40.6	33.4	50.0

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

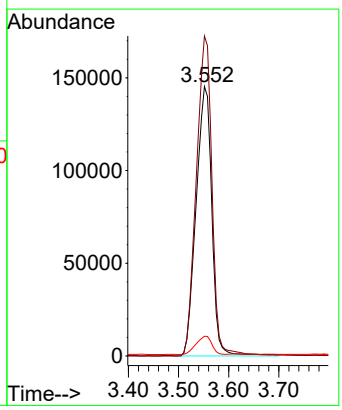


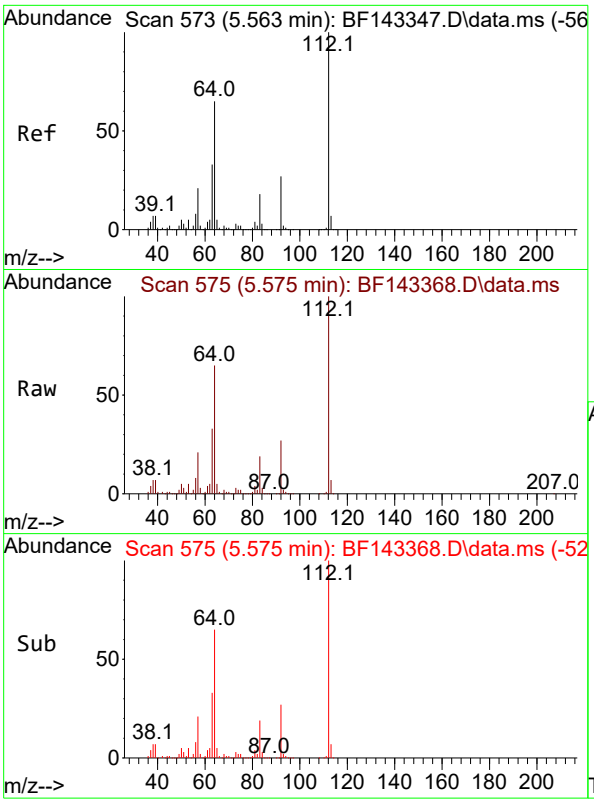


#4
n-Nitrosodimethylamine
Concen: 46.983 ng
RT: 3.552 min Scan# 231
Delta R.T. 0.076 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 42 Resp: 317834

Ion	Ratio	Lower	Upper
42	100		
74	118.8	94.1	141.1
44	7.3	6.5	9.7





#5
2-Fluorophenol
Concen: 97.815 ng
RT: 5.575 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:112 Resp: 103017

Ion	Ratio	Lower	Upper
112	100		
64	65.1	52.1	78.1
63	33.1	26.6	39.8

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

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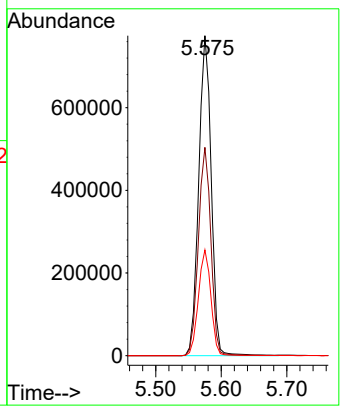
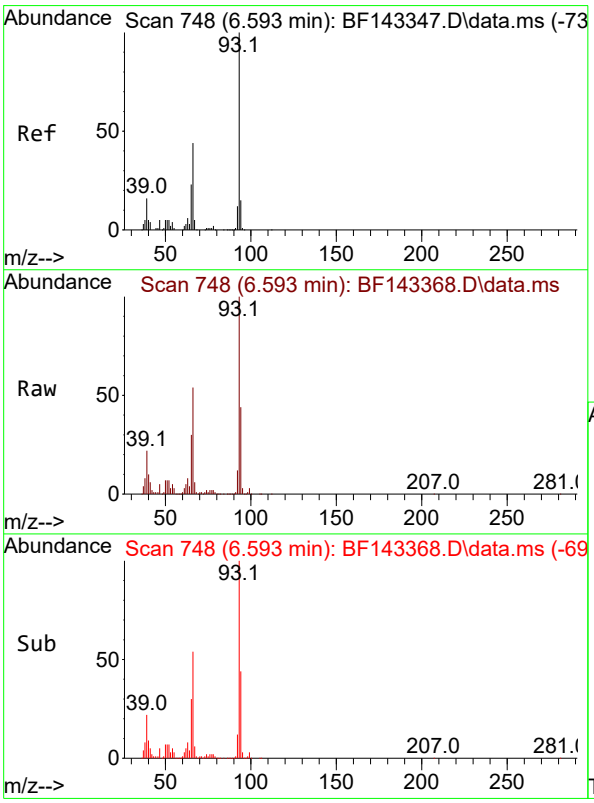
Supervised By :Jagrut Upadhyay 08/15/2025

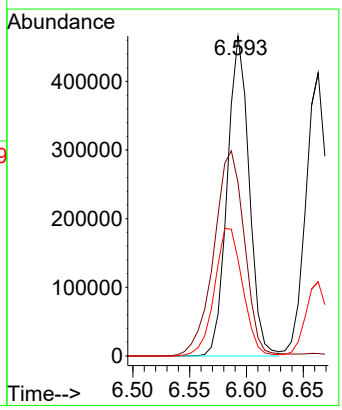


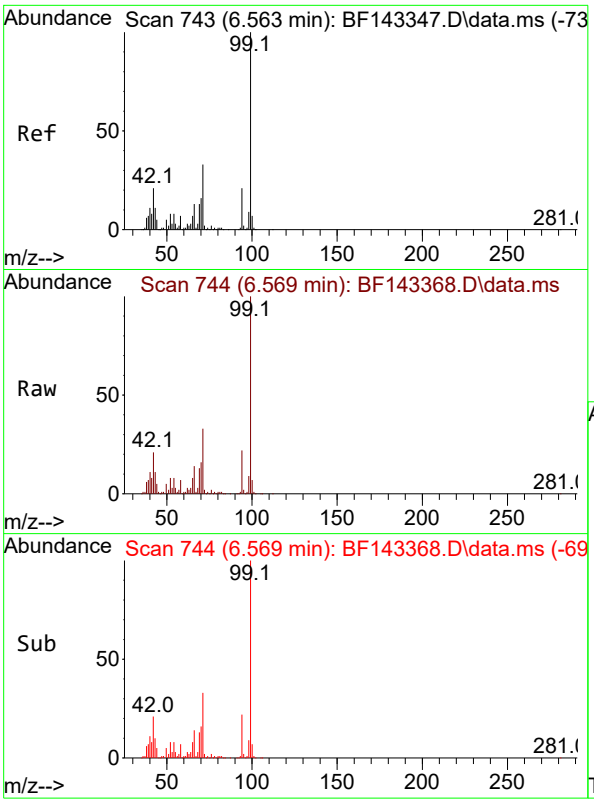


#6
Aniline
Concen: 32.720 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 93 Resp: 623006

Ion	Ratio	Lower	Upper
93	100		
66	54.2	35.3	52.9#
65	30.1	18.2	27.4#

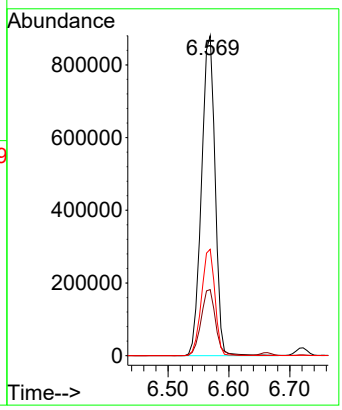




#7
Phenol-d6
Concen: 101.081 ng
RT: 6.569 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 99 Resp: 136516

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	25.0
71	33.3	26.2	39.2



Instrument :
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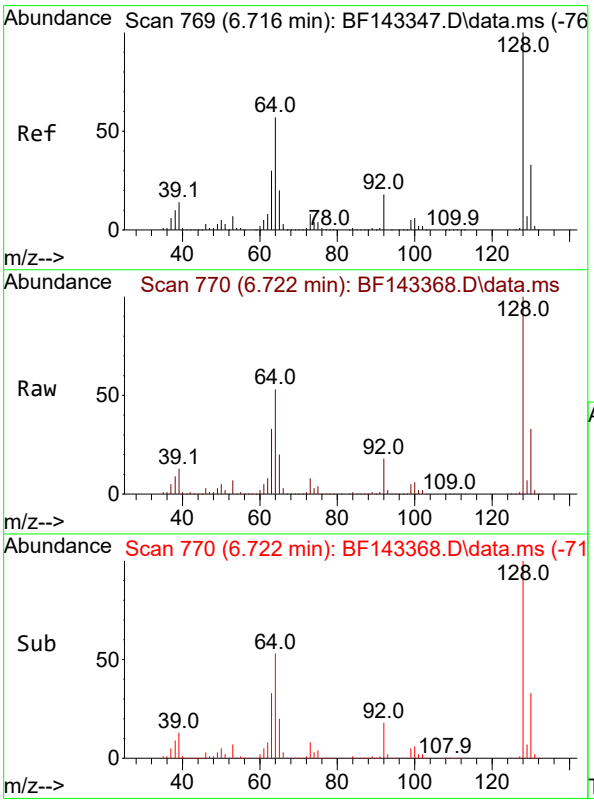
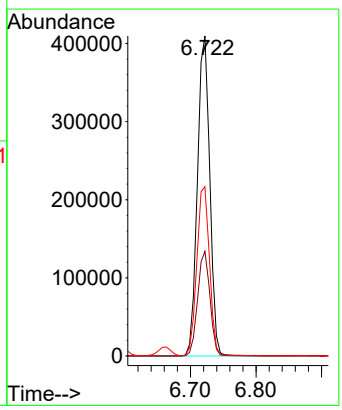
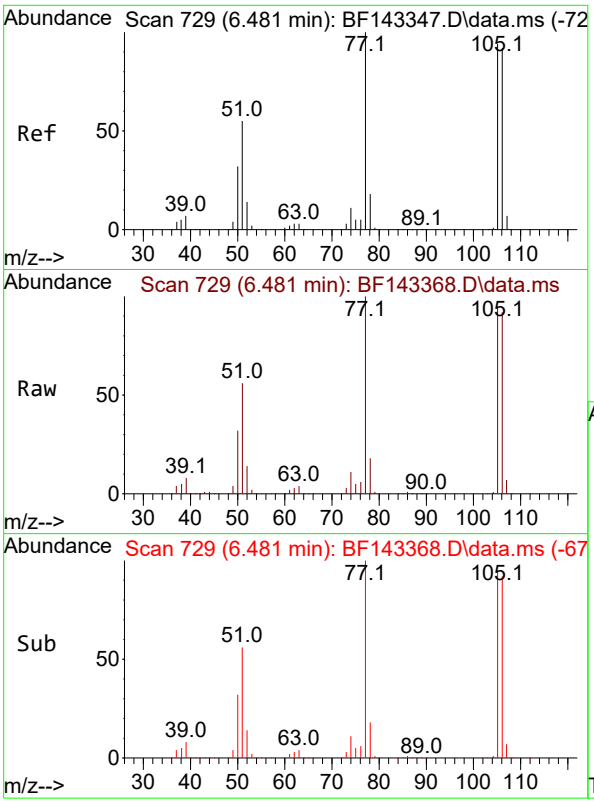


#8
2-Chlorophenol
Concen: 47.835 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:128 Resp: 538312

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	52.9	36.7	76.7

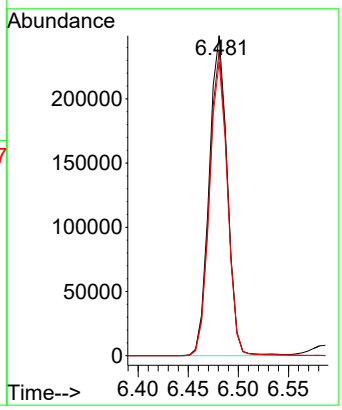




#9
Benzaldehyde
Concen: 35.058 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 77 Resp: 31294

Ion	Ratio	Lower	Upper
77	100		
105	95.1	74.2	114.2
106	91.9	72.2	112.2



Instrument :
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ClientSampleId :
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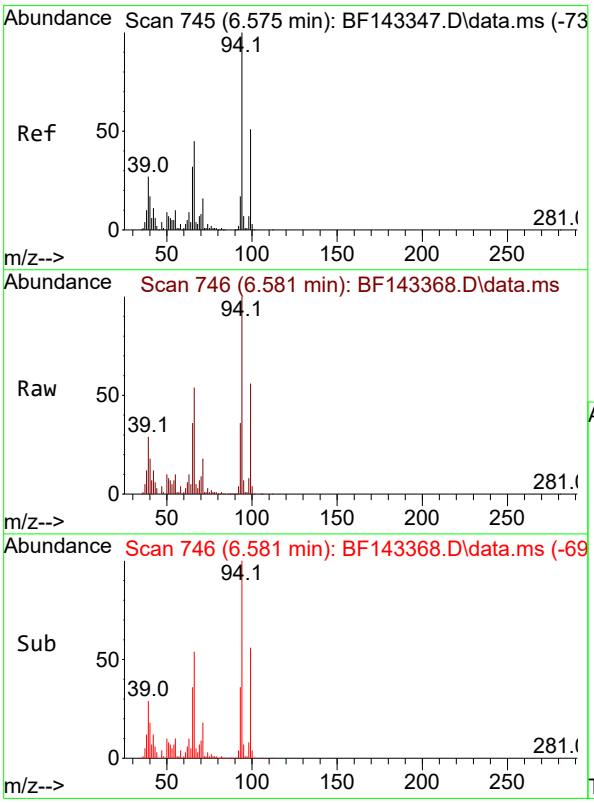
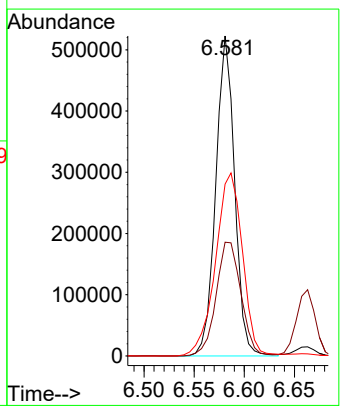
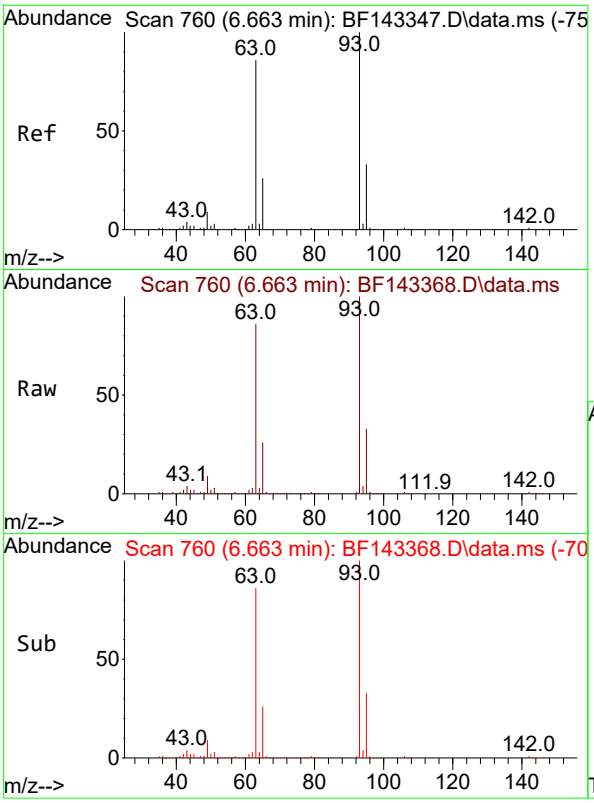


#10
Phenol
Concen: 42.745 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 94 Resp: 683901

Ion	Ratio	Lower	Upper
94	100		
65	35.6	12.0	52.0
66	53.7	25.6	65.6





#11
bis(2-Chloroethyl)ether
Concen: 45.443 ng
RT: 6.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 93 Resp: 53585

Ion	Ratio	Lower	Upper
93	100		
63	85.6	65.7	105.7
95	32.5	13.0	53.0

Instrument :
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ClientSampleId :
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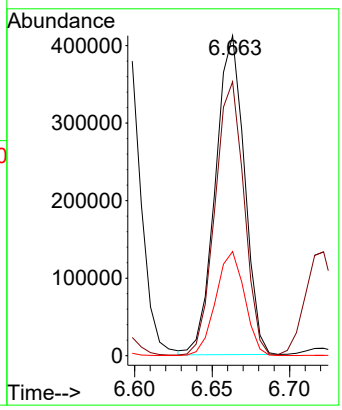
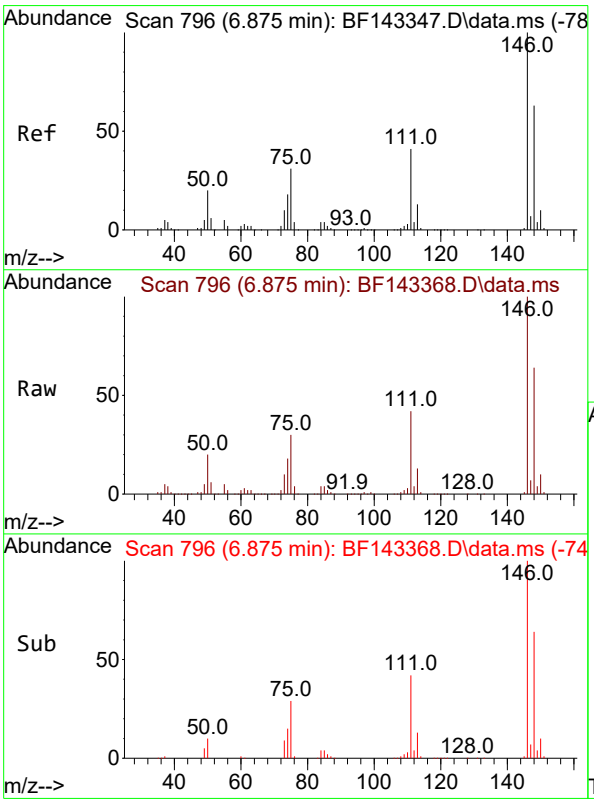
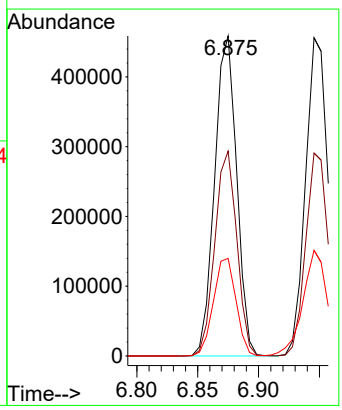


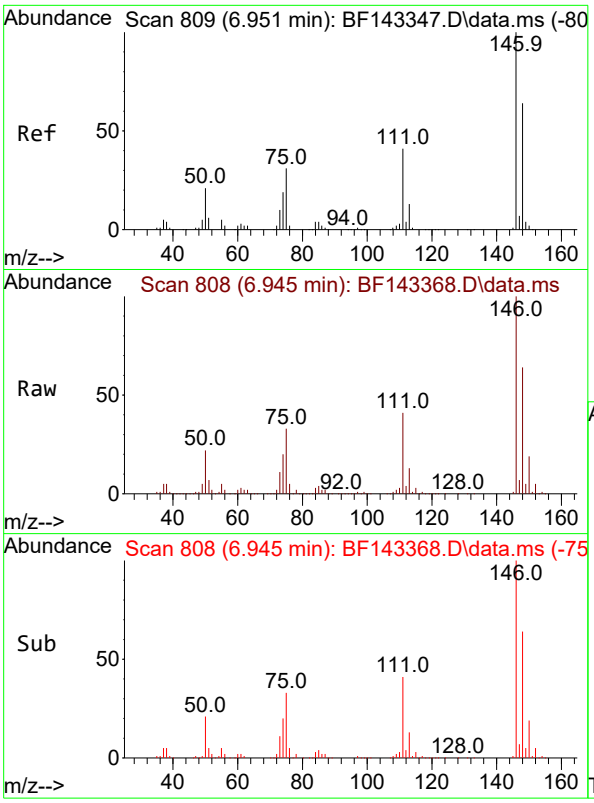


#12
1,3-Dichlorobenzene
Concen: 44.578 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:146 Resp: 578637

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
75	30.5	24.9	37.3

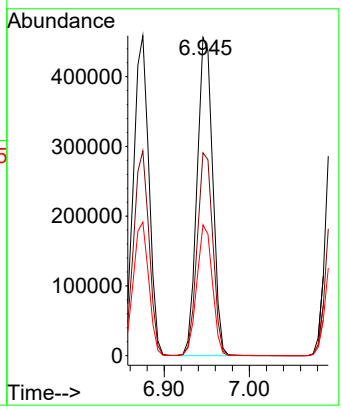




#13
1,4-Dichlorobenzene
Concen: 44.652 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:146 Resp: 58172

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	41.1	32.6	48.8



Instrument :
BNA_F
ClientSampleId :
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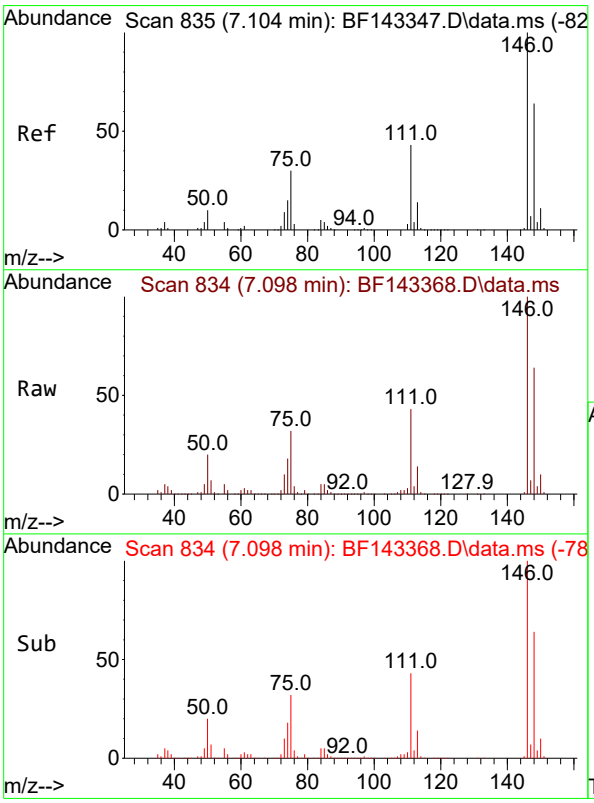
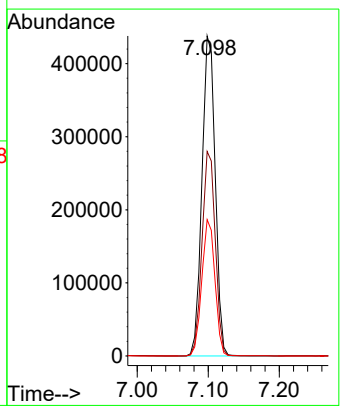
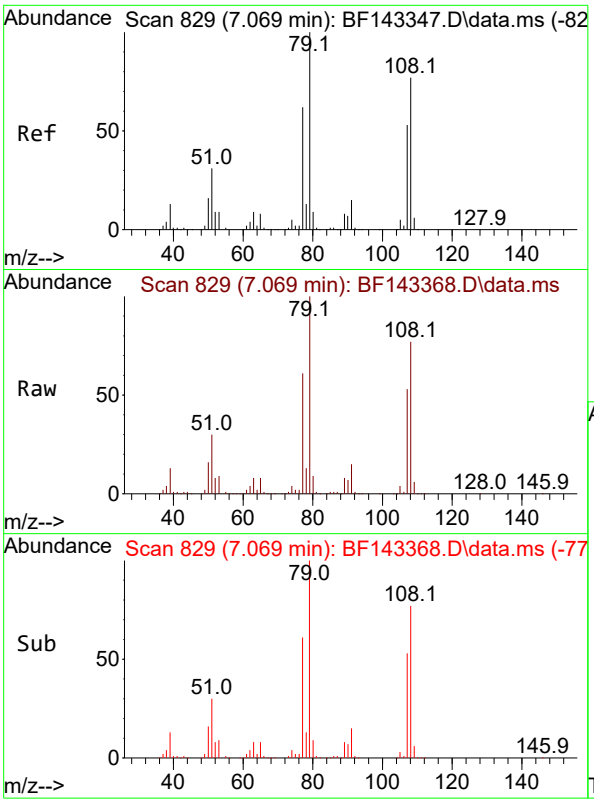


#14
1,2-Dichlorobenzene
Concen: 46.129 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:146 Resp: 570467

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	42.6	34.1	51.1





#15
Benzyl Alcohol
Concen: 50.893 ng
RT: 7.069 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion: 79 Resp: 49270

Ion	Ratio	Lower	Upper
79	100		
108	76.5	61.5	92.3
77	61.4	49.8	74.8

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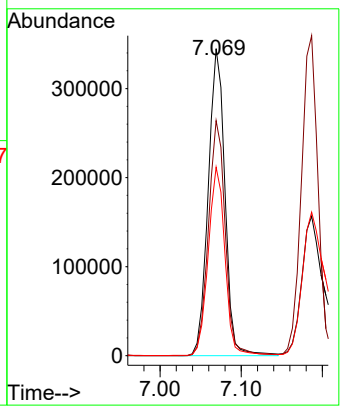
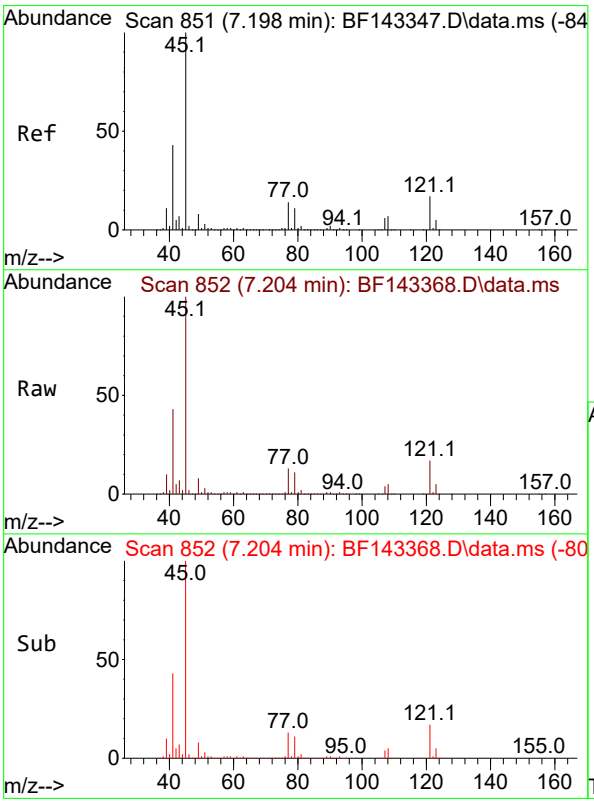
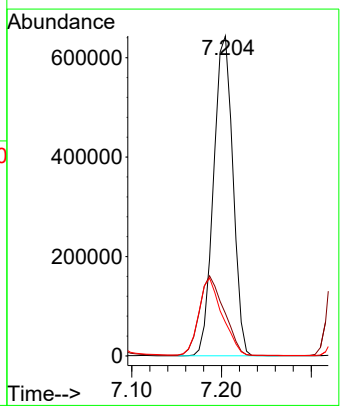


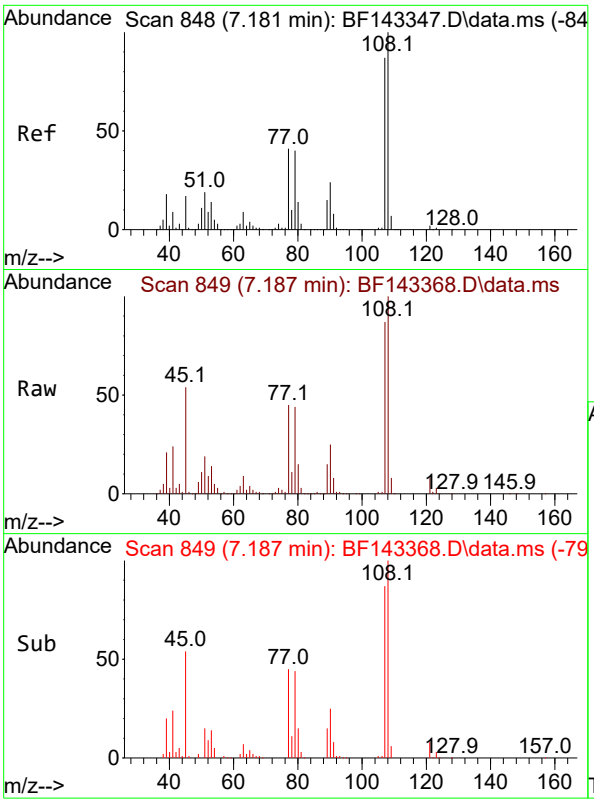


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.666 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 45 Resp: 961341

Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	34.0
79	10.5	0.0	31.1

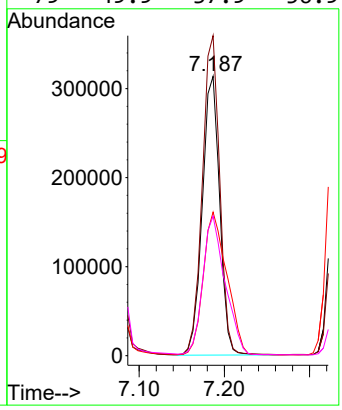




#17
2-Methylphenol
Concen: 46.670 ng
RT: 7.187 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:107 Resp: 44333

Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.0	138.0
77	51.4	38.2	57.2
79	49.9	37.9	56.9



Instrument :
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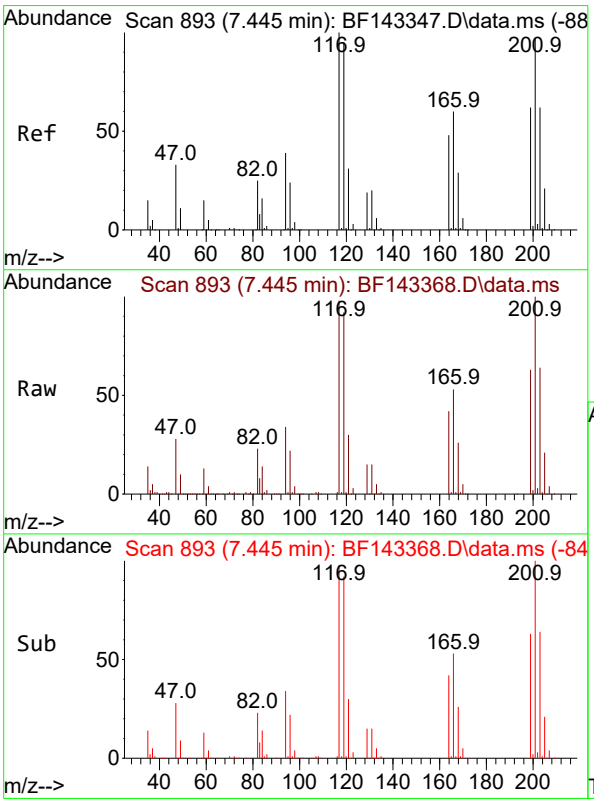
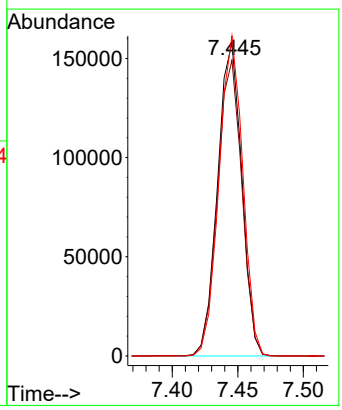
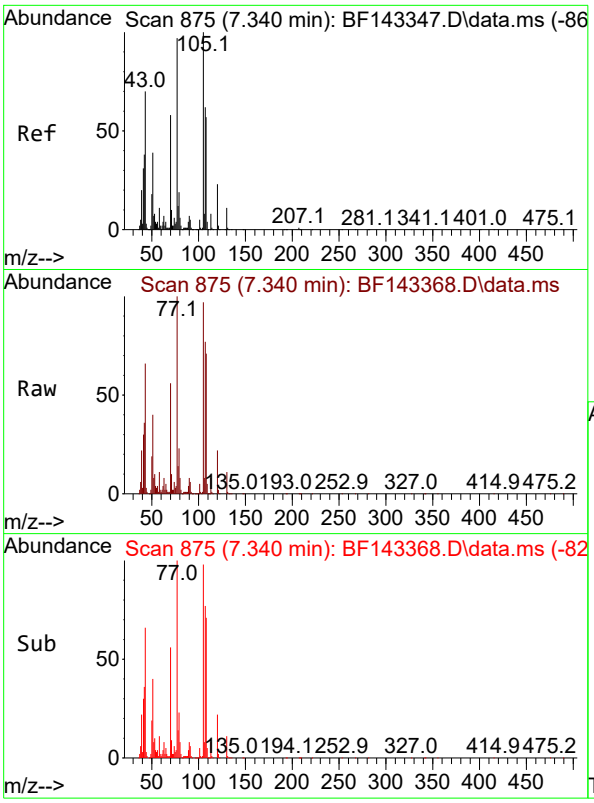


#18
Hexachloroethane
Concen: 49.556 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:117 Resp: 202404

Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	102.2	77.2	115.8

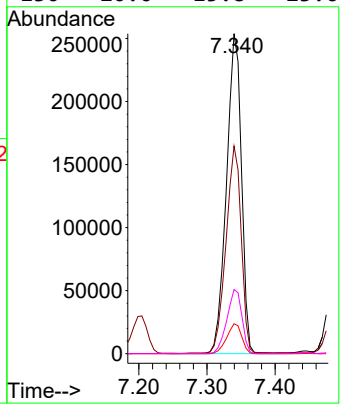




#19
n-Nitroso-di-n-propylamine
Concen: 46.600 ng
RT: 7.340 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 70 Resp: 38888

Ion	Ratio	Lower	Upper
70	100		
42	64.9	51.6	77.4
101	9.4	7.5	11.3
130	20.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
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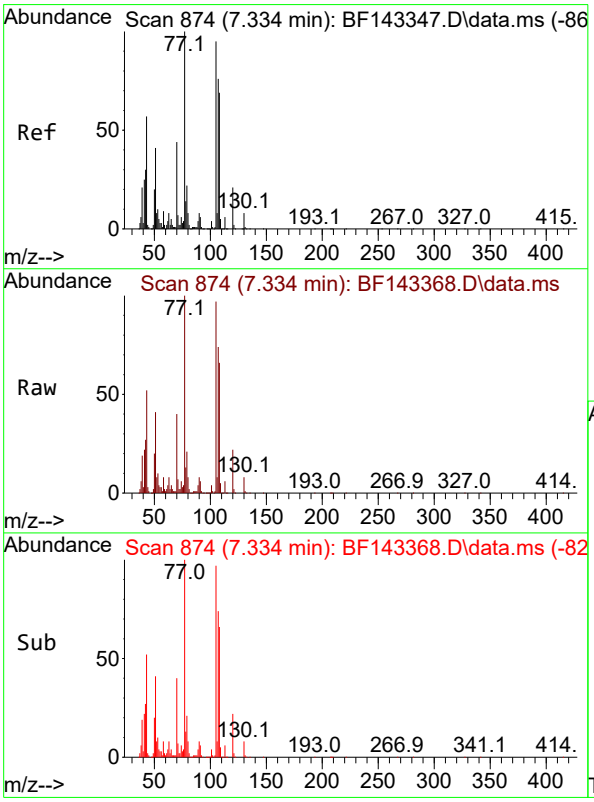
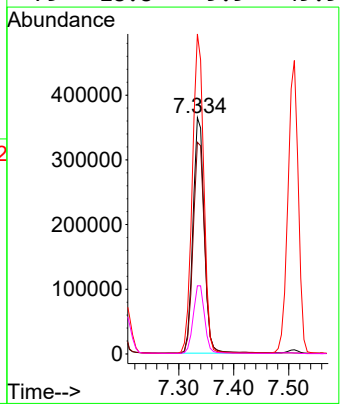
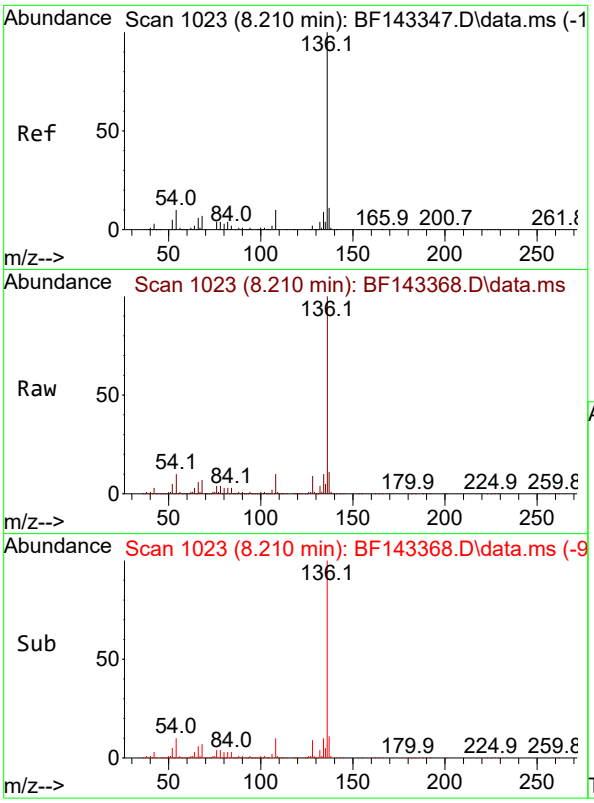


#20
3+4-Methylphenols
Concen: 45.126 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:107 Resp: 518418

Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.6	110.6
77	135.4	112.0	152.0
79	28.8	9.9	49.9

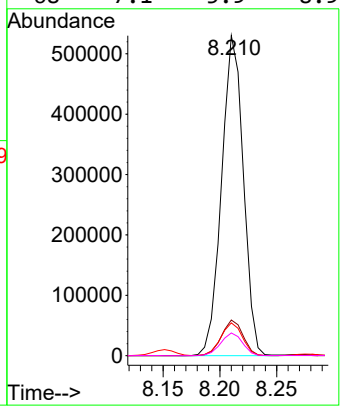




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:136 Resp: 70764

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.3	8.4	12.6
68	7.1	5.9	8.9



Instrument :
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ClientSampleId :
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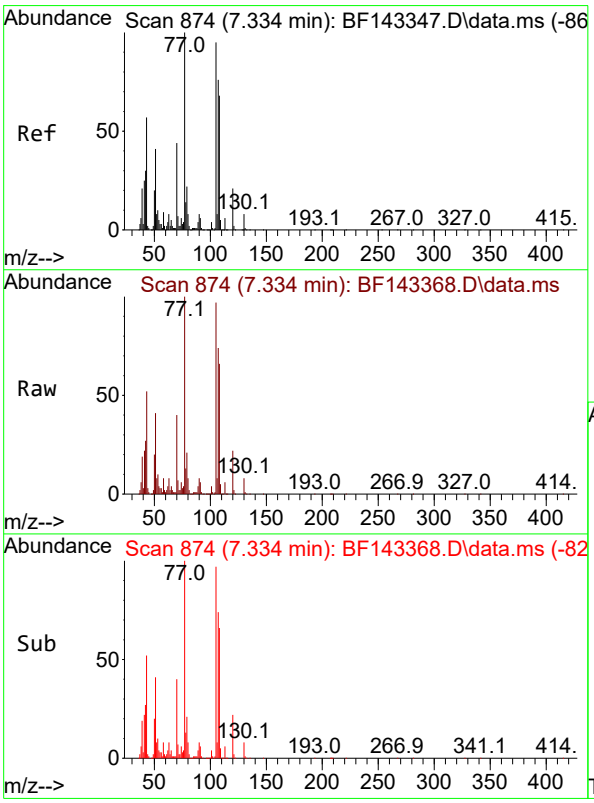
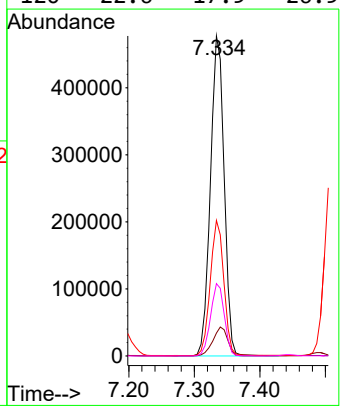
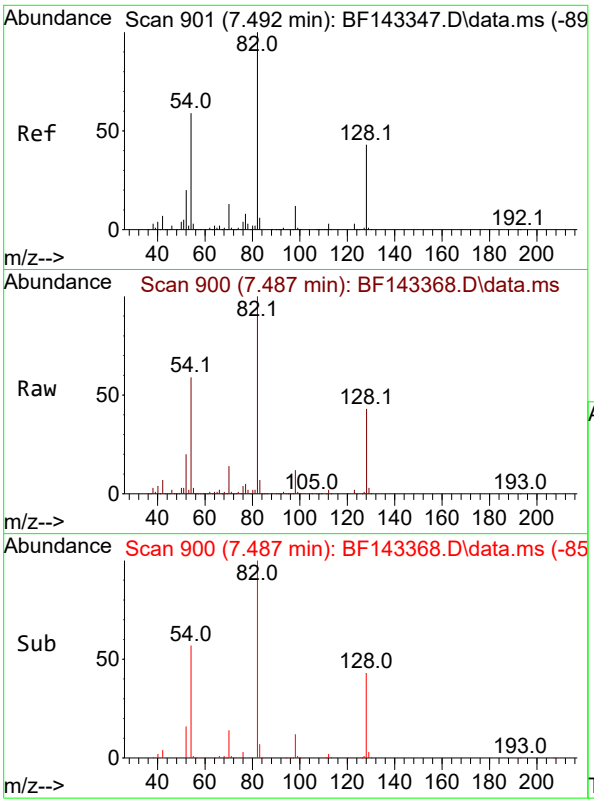


#22
Acetophenone
Concen: 44.573 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:105 Resp: 694973

Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.2	9.4
51	42.3	34.8	52.2
120	22.6	17.9	26.9

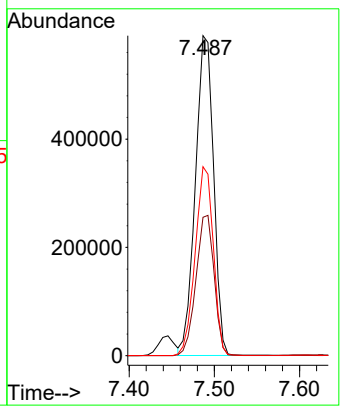




#23
Nitrobenzene-d5
Concen: 77.266 ng
RT: 7.487 min Scan# 9(
Delta R.T. -0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 82 Resp: 87801(

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.5	50.3
54	59.0	46.7	70.1



Instrument :
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ClientSampleId :
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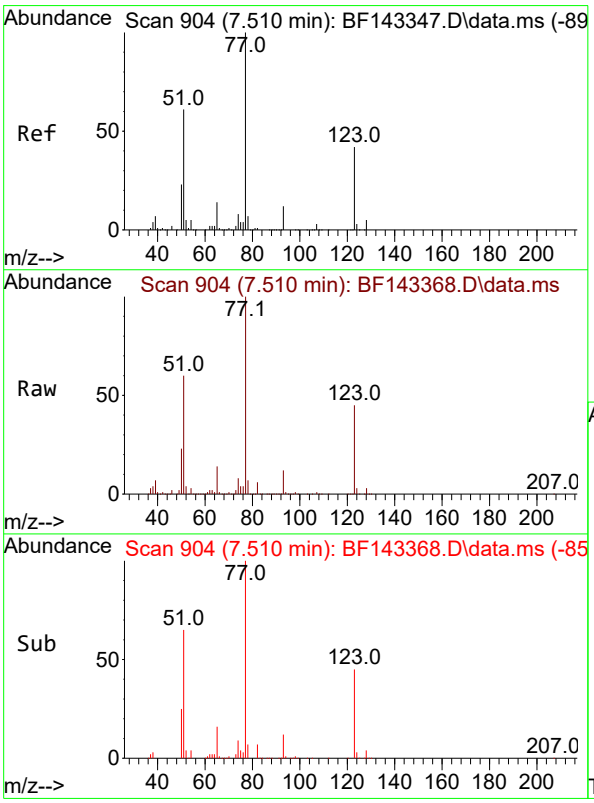
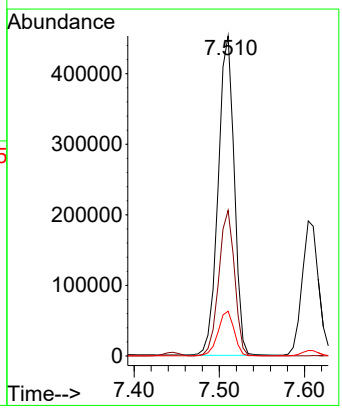
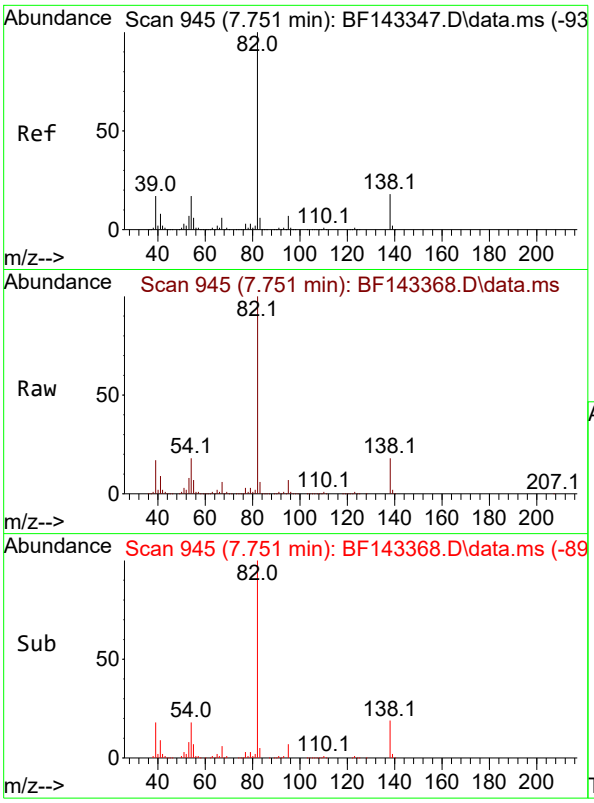


#24
Nitrobenzene
Concen: 48.092 ng
RT: 7.510 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 77 Resp: 593508

Ion	Ratio	Lower	Upper
77	100		
123	45.5	34.8	52.2
65	14.0	11.0	16.6





#25
Isophorone
Concen: 48.170 ng
RT: 7.751 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion: 82 Resp: 111744

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	18.3	14.6	21.8

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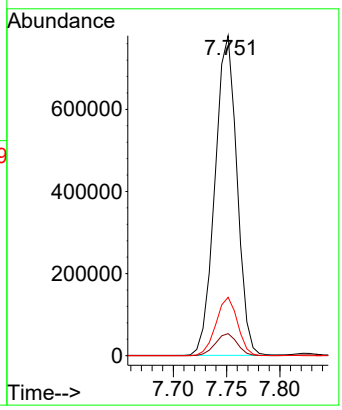
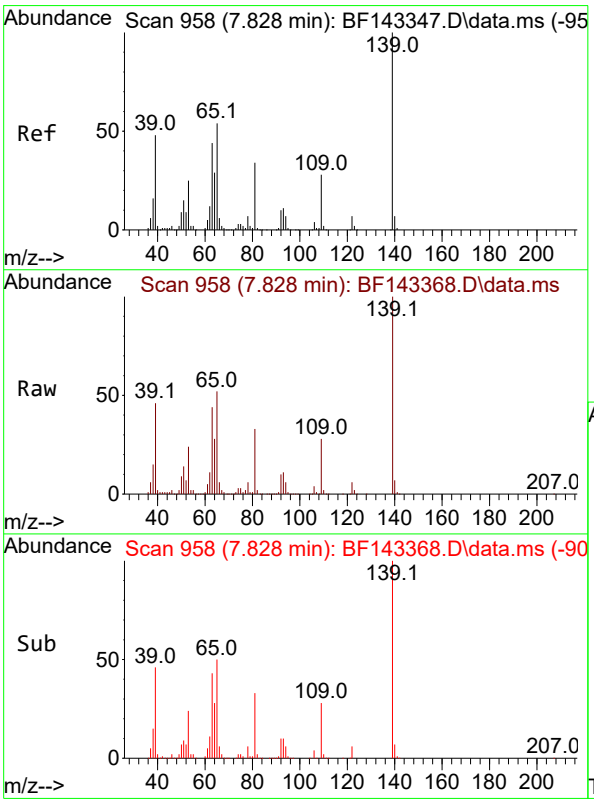
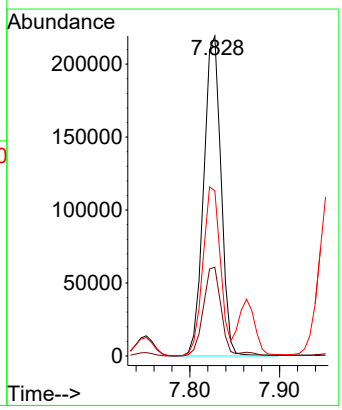


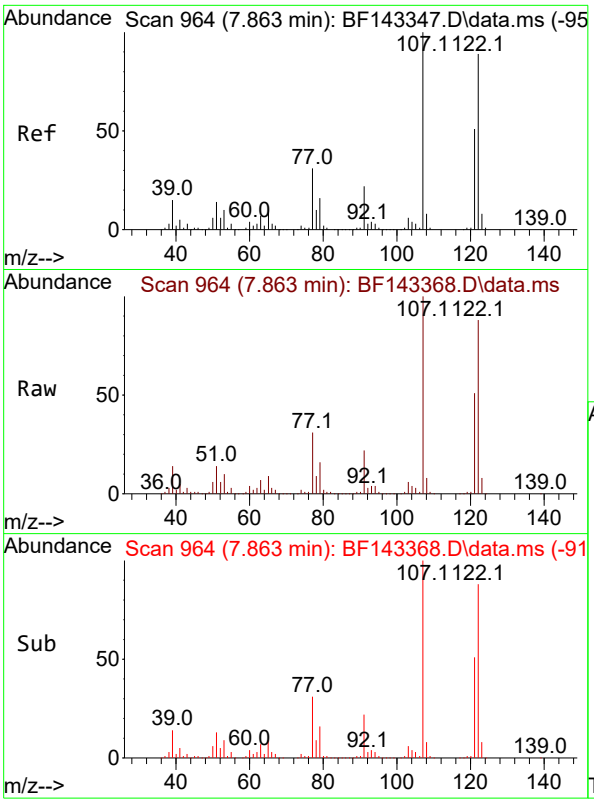


#26
2-Nitrophenol
Concen: 58.630 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:139 Resp: 294278

Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.4	33.6
65	51.7	42.9	64.3

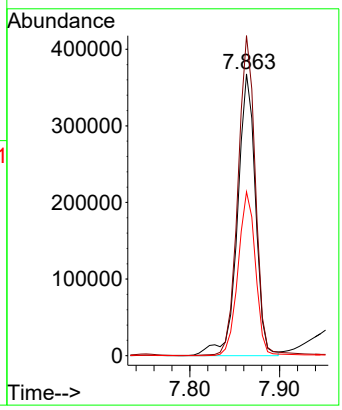




#27
2,4-Dimethylphenol
Concen: 52.817 ng
RT: 7.863 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:122 Resp: 51116

Ion	Ratio	Lower	Upper
122	100		
107	113.6	89.9	134.9
121	58.2	46.2	69.4



Instrument :
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ClientSampleId :
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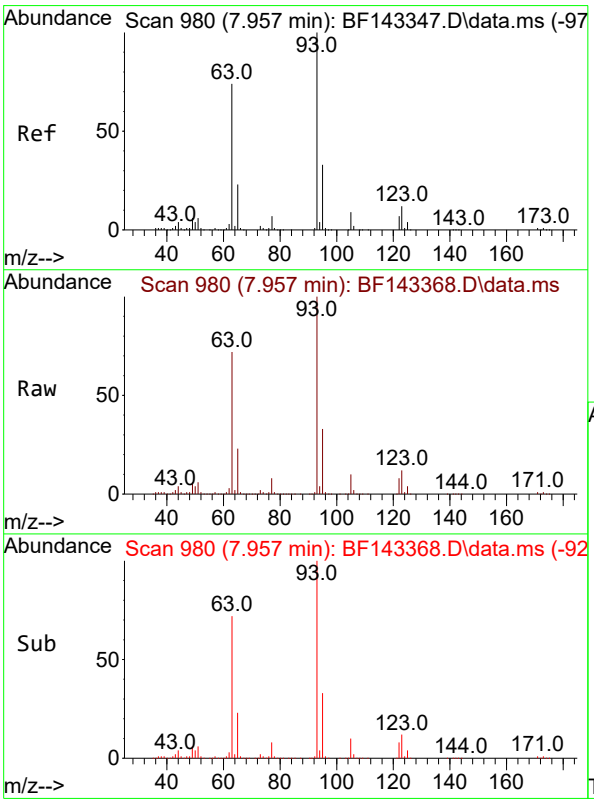
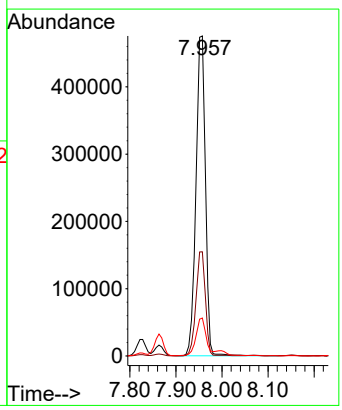
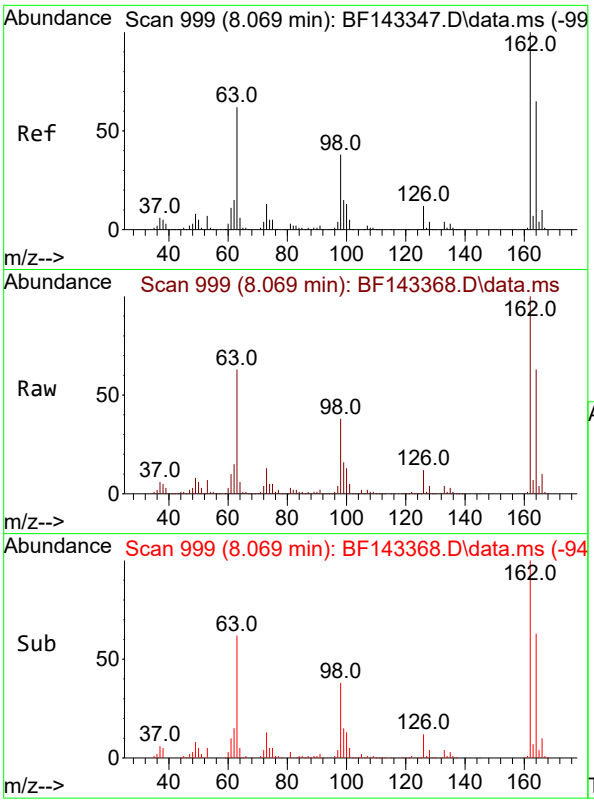


#28
bis(2-Chloroethoxy)methane
Concen: 47.729 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 93 Resp: 676006

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	11.9	9.4	14.2

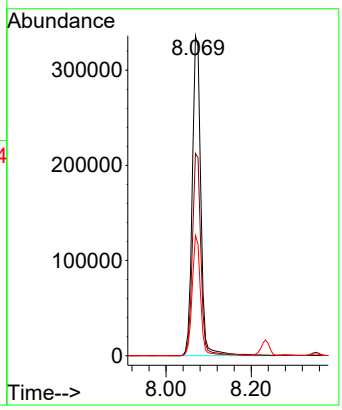




#29
2,4-Dichlorophenol
Concen: 49.593 ng
RT: 8.069 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:162 Resp: 46878

Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.5	84.5
98	37.6	17.7	57.7



Instrument :
BNA_F
ClientSampleId :
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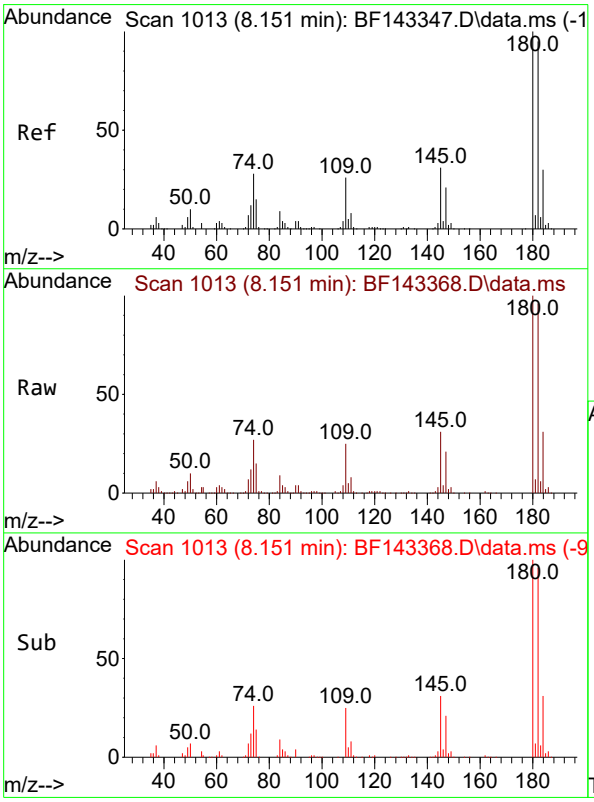
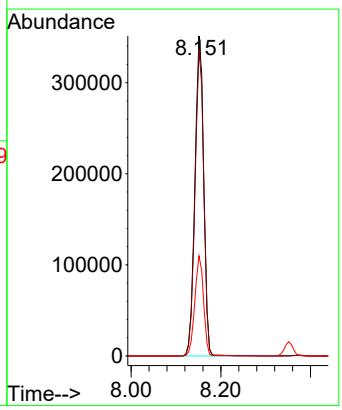
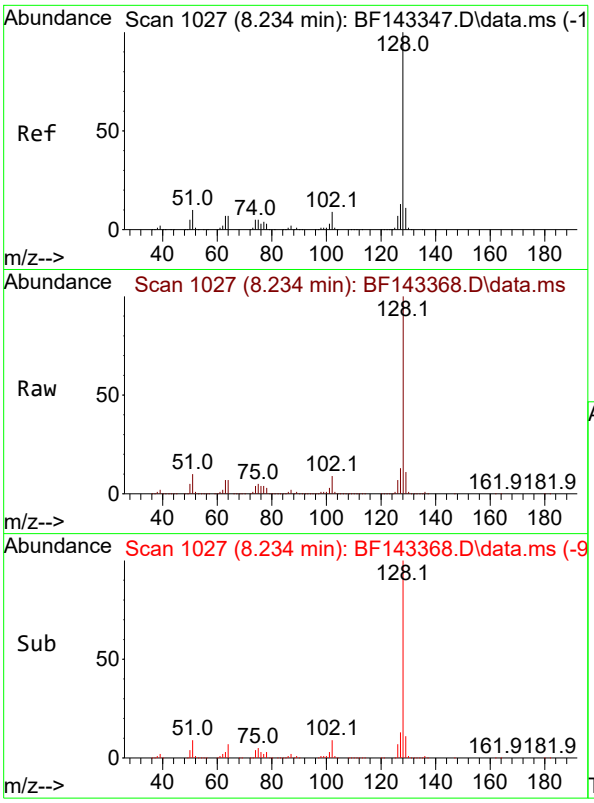


#30
1,2,4-Trichlorobenzene
Concen: 47.989 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:180 Resp: 478500

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.1	114.1
145	31.3	24.9	37.3





#31
Naphthalene
Concen: 44.199 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:128 Resp: 150500

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.2	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
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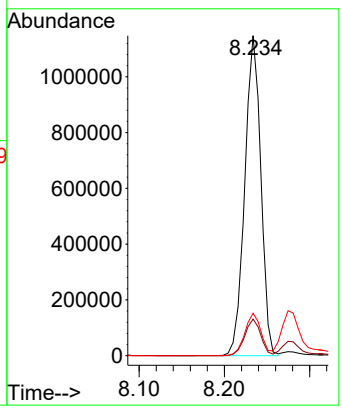
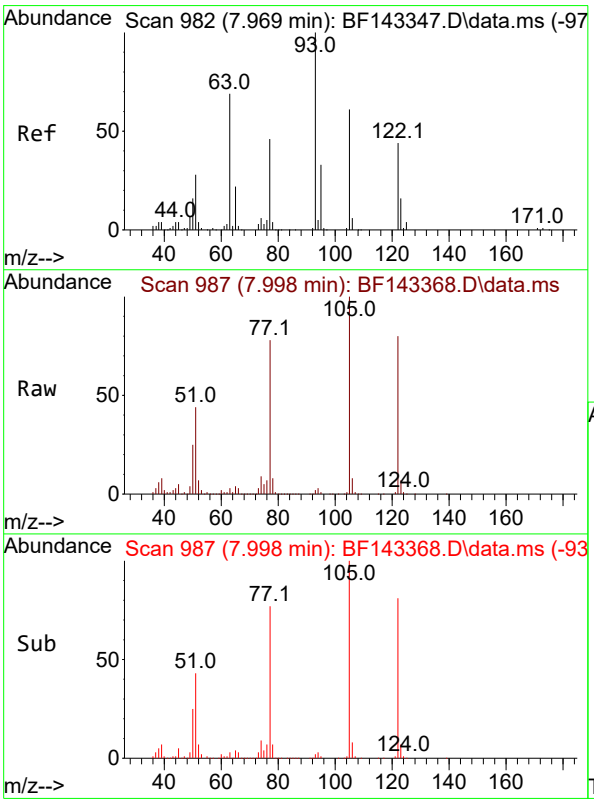
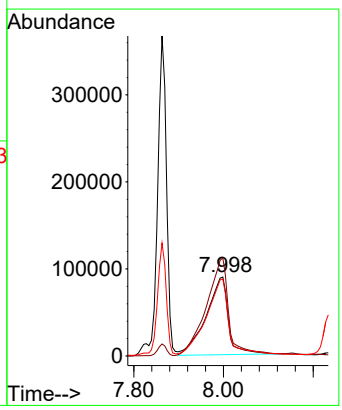


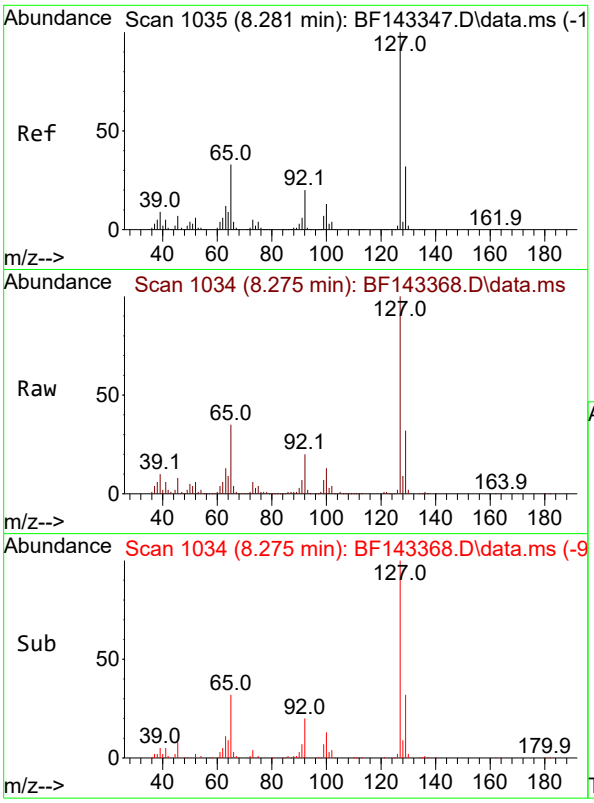


#32
Benzoic acid
Concen: 65.585 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.029 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:122 Resp: 309164

Ion	Ratio	Lower	Upper
122	100		
105	124.3	106.4	146.4
77	97.5	79.2	119.2

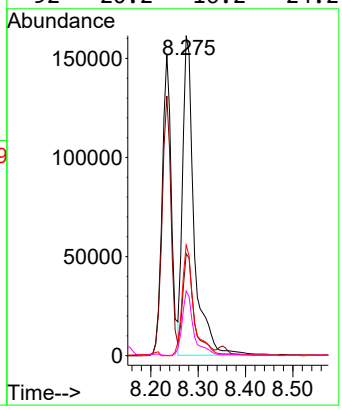




#33
4-Chloroaniline
Concen: 22.205 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:127 Resp: 27271

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.0	39.0
65	34.6	27.0	40.4
92	20.2	16.2	24.2



Instrument :
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ClientSampleId :
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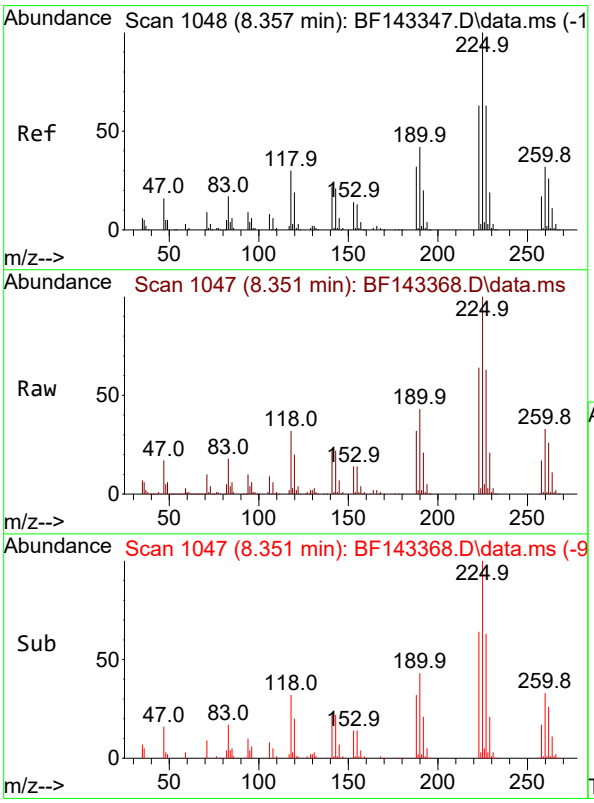
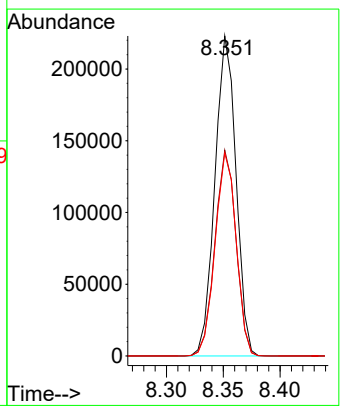
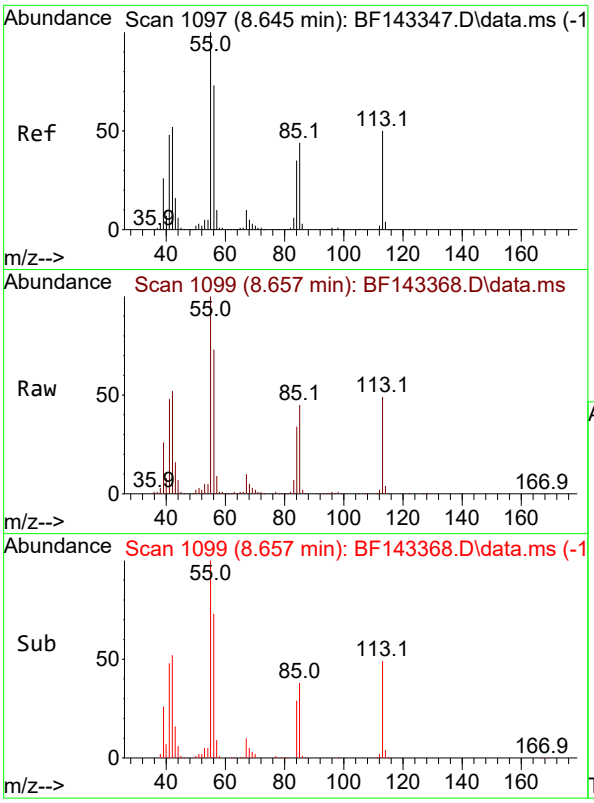


#34
Hexachlorobutadiene
Concen: 46.477 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:225 Resp: 288283

Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.1	75.1
227	63.4	50.6	75.8

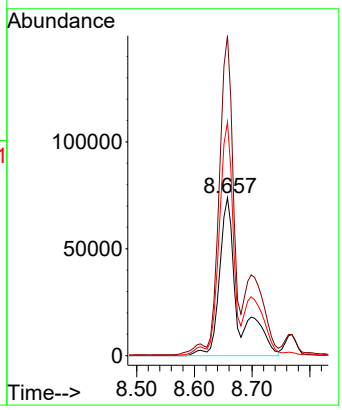




#35
Caprolactam
Concen: 62.166 ng m
RT: 8.657 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:113 Resp: 16519

Ion	Ratio	Lower	Upper
113	100		
55	202.6	181.4	221.4
56	147.9	127.3	167.3



Instrument :
BNA_F
ClientSampleId :
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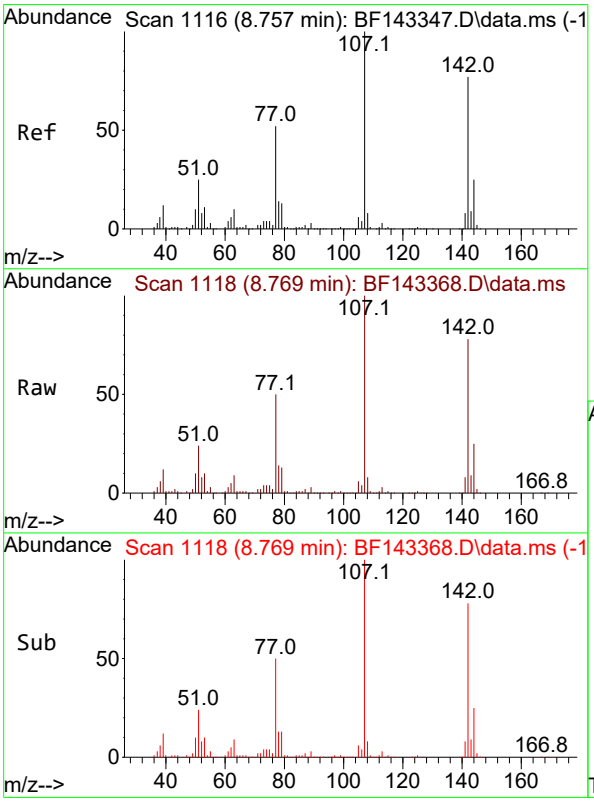
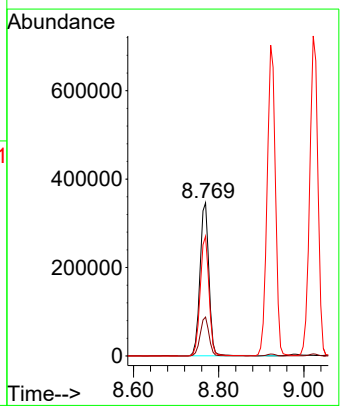
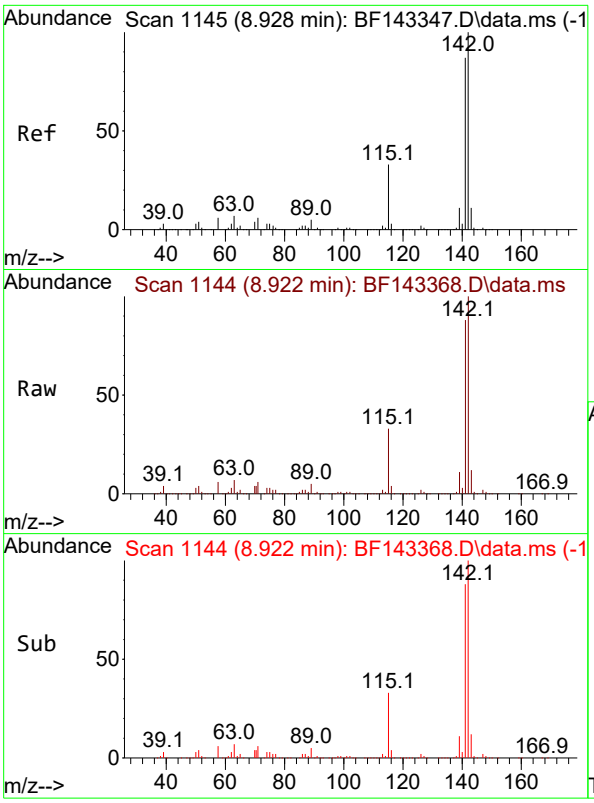


#36
4-Chloro-3-methylphenol
Concen: 50.708 ng
RT: 8.769 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:107 Resp: 502504

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.0	30.0
142	78.2	61.3	91.9





#37
2-Methylnaphthalene
Concen: 42.295 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:142 Resp: 94680

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.8	104.8

Instrument :
BNA_F
ClientSampleId :
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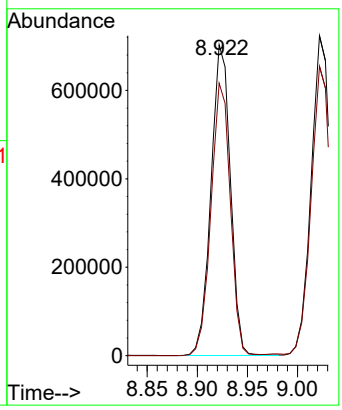
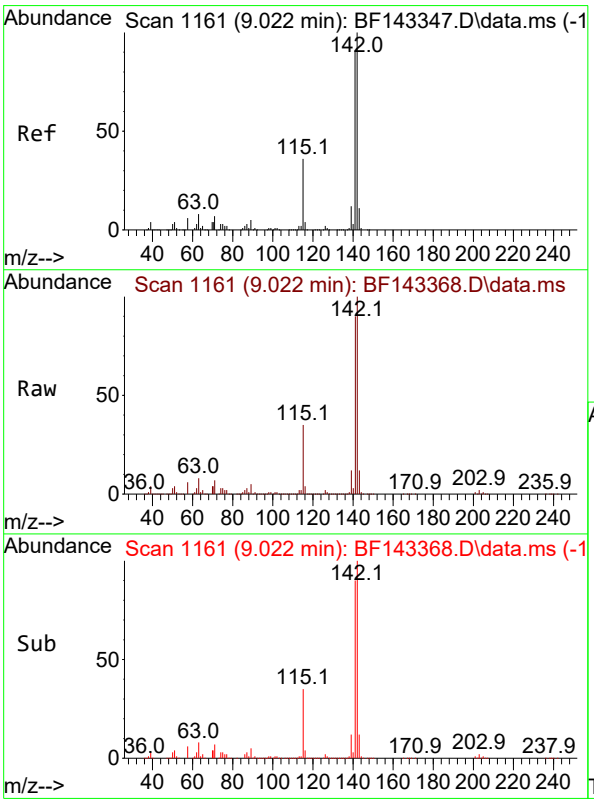
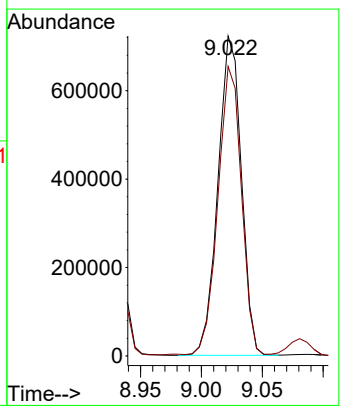


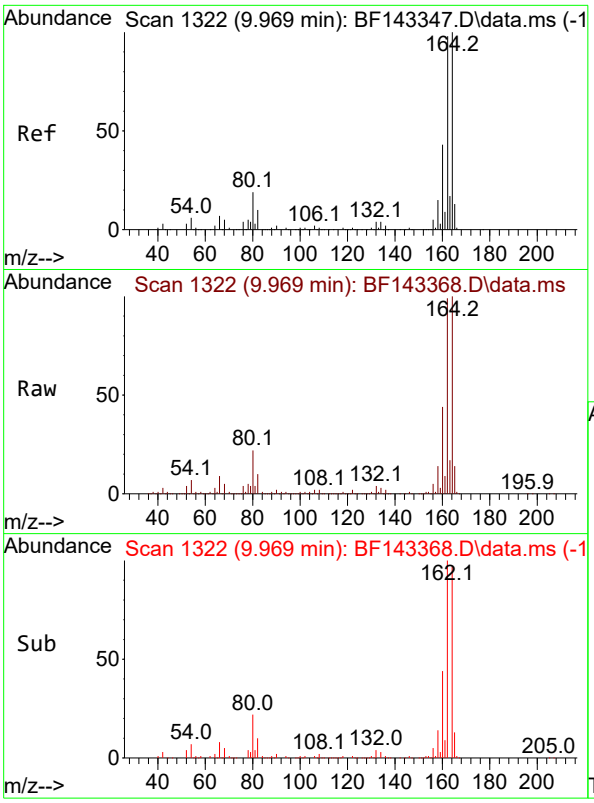


#38
1-Methylnaphthalene
Concen: 44.811 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:142 Resp: 966128

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.0	109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:164 Resp: 40079

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.6	118.0
160	43.5	34.4	51.6

Instrument :
BNA_F
ClientSampleId :
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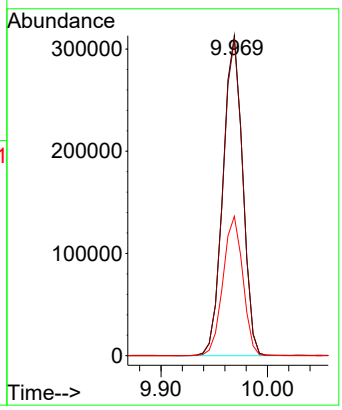
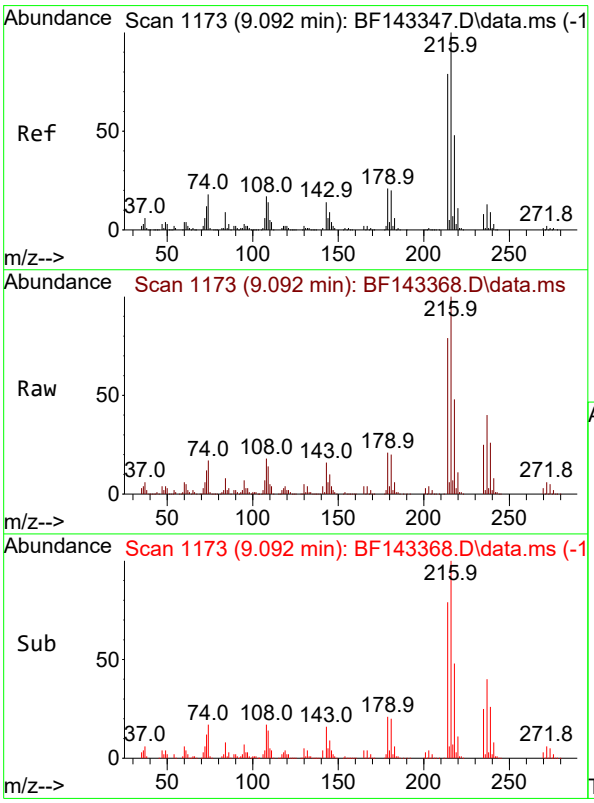
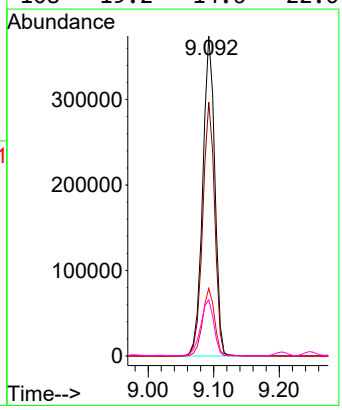


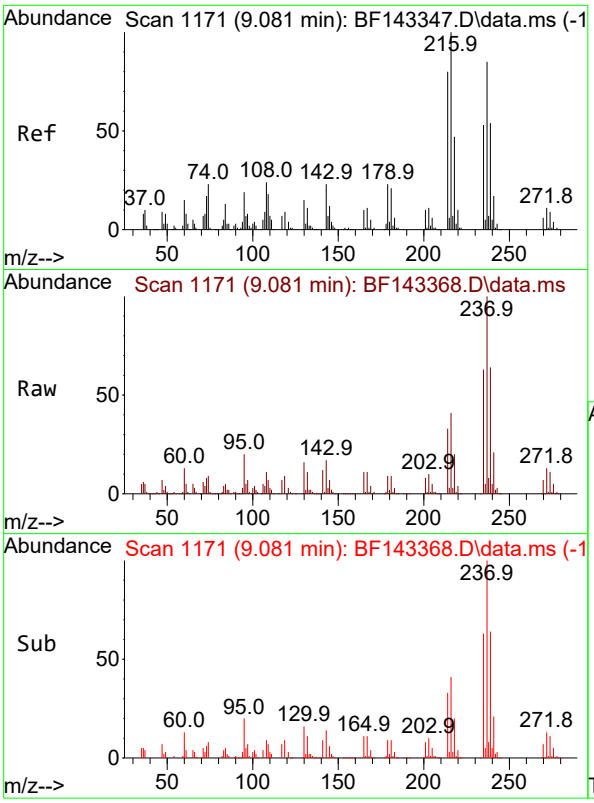


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.801 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:216 Resp: 480387

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	20.9	17.0	25.4
108	19.2	14.6	22.0





#41
Hexachlorocyclopentadiene
Concen: 108.143 ng
RT: 9.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:237 Resp: 42820

Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.0	82.0
272	13.3	0.0	32.6

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

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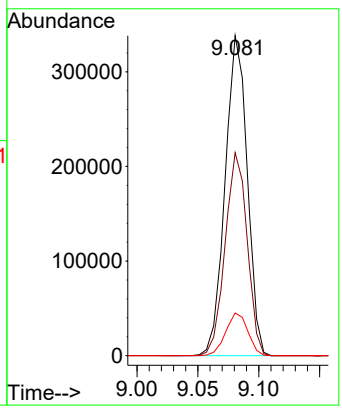
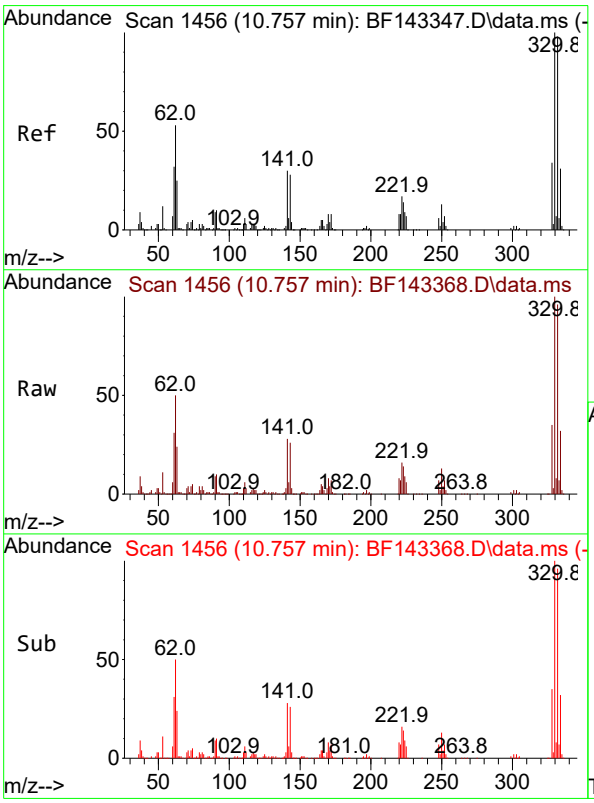
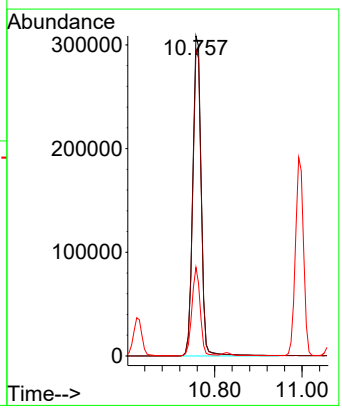


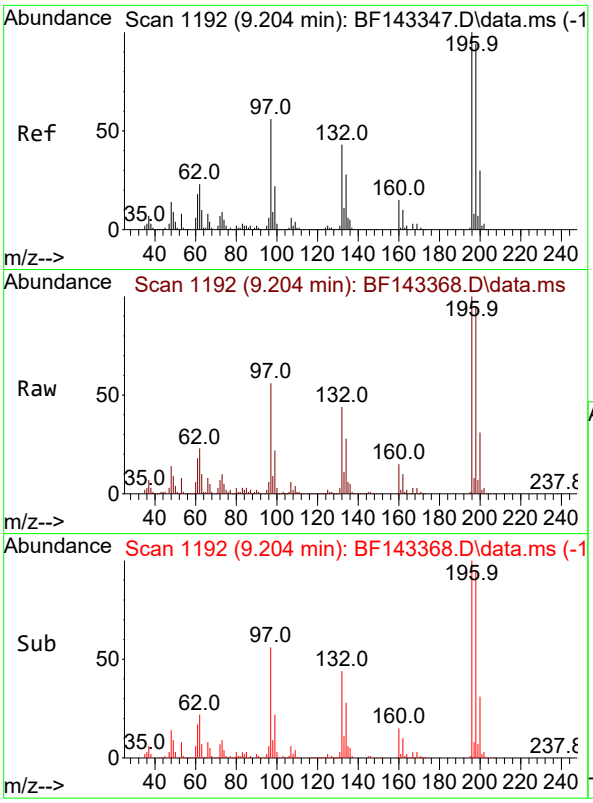


#42
2,4,6-Tribromophenol
Concen: 142.146 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:330 Resp: 416362

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.1	117.1
141	26.9	25.4	38.0

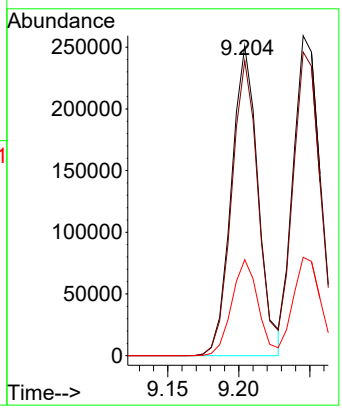




#43
2,4,6-Trichlorophenol
Concen: 52.788 ng
RT: 9.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:196 Resp: 32849

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.0
200	31.0	24.3	36.5



Instrument :
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ClientSampleId :
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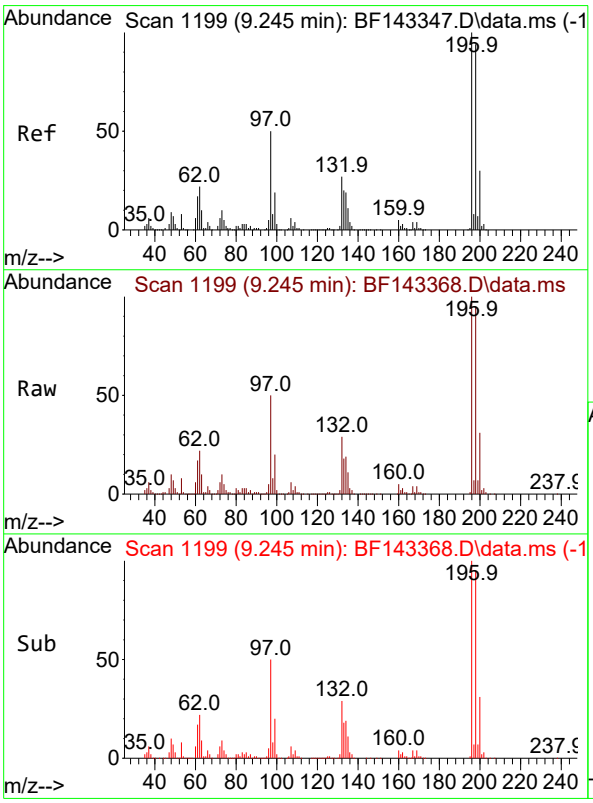
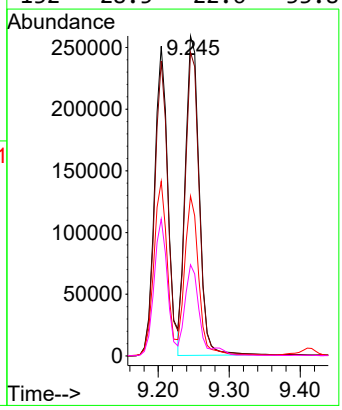
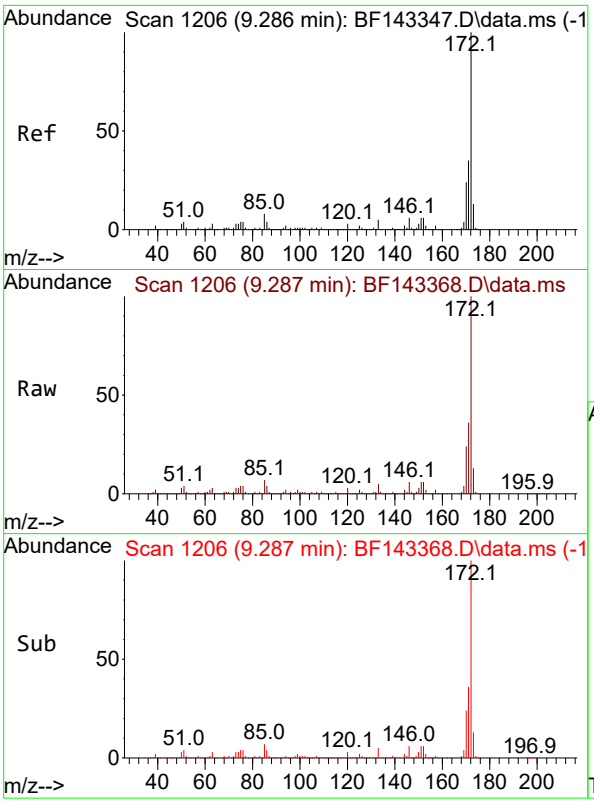


#44
2,4,5-Trichlorophenol
Concen: 50.056 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:196 Resp: 351758

Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.4	113.2
97	49.9	39.9	59.9
132	28.5	22.6	33.8

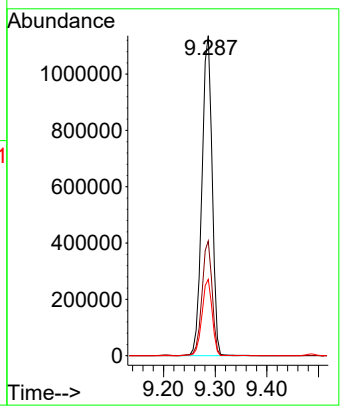




#45
2-Fluorobiphenyl
Concen: 65.860 ng
RT: 9.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:172 Resp: 155663

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.4	42.6
170	23.9	19.1	28.7



Instrument :
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ClientSampleId :
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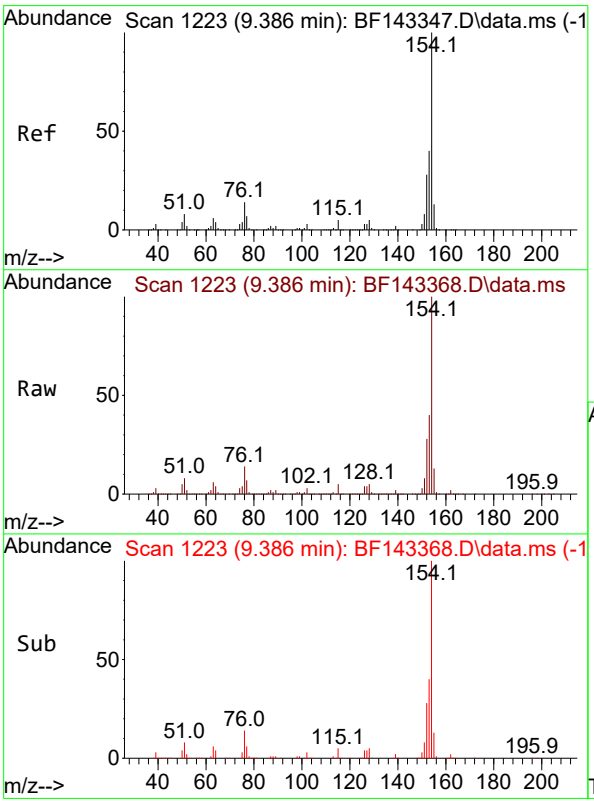
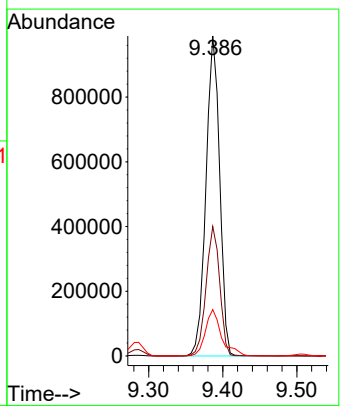
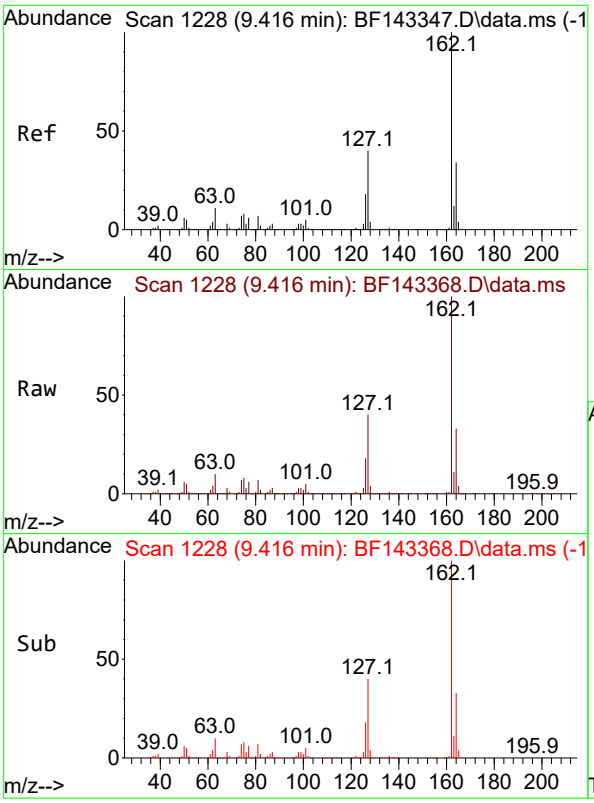


#46
1,1'-Biphenyl
Concen: 44.834 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:154 Resp: 1270549

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.2	60.2
76	14.5	0.0	34.4

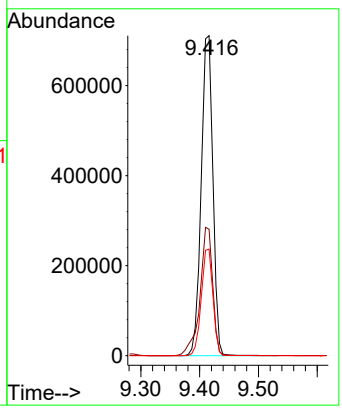




#47
2-Chloronaphthalene
Concen: 43.906 ng
RT: 9.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:162 Resp: 97993

Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.1	48.1
164	33.3	27.0	40.4



Instrument :
BNA_F
ClientSampleId :
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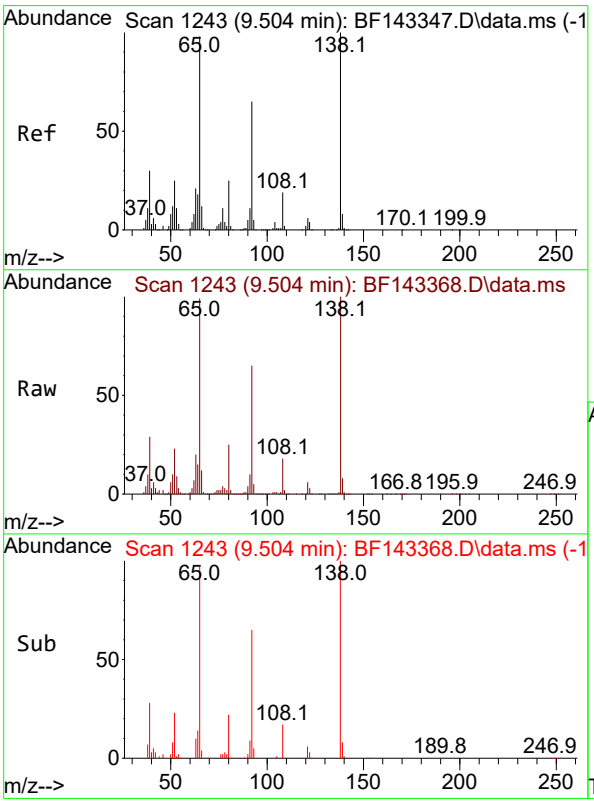
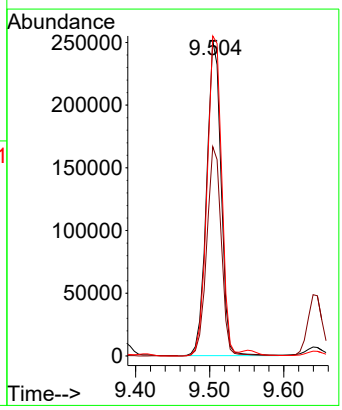
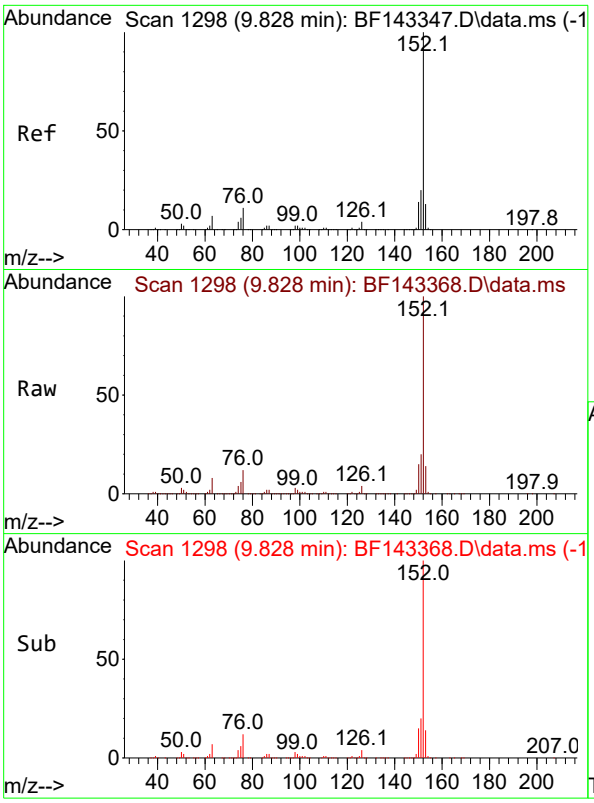


#48
2-Nitroaniline
Concen: 52.679 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 65 Resp: 340937

Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.1	79.7
138	101.5	81.4	122.0





#49
Acenaphthylene
Concen: 49.067 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:152 Resp: 158148

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.7	10.6	16.0

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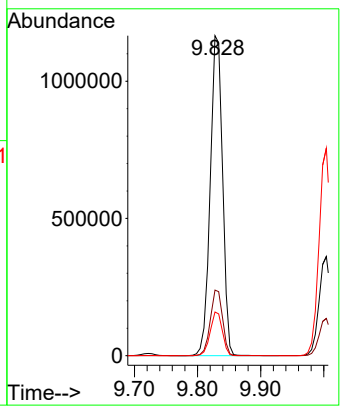
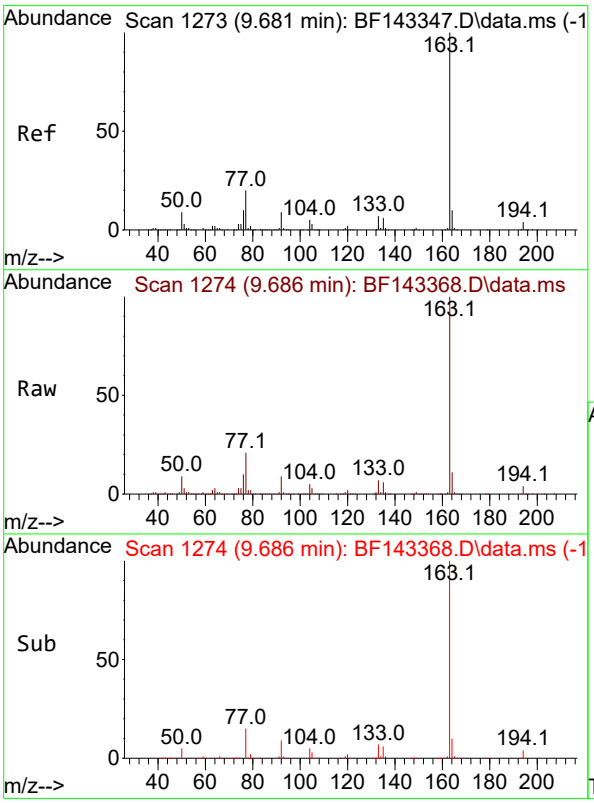
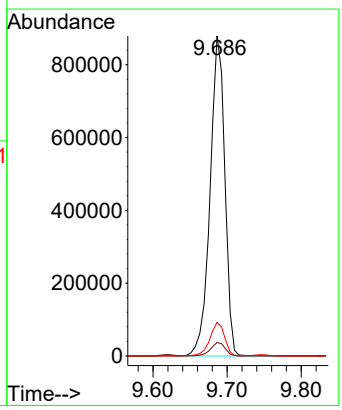


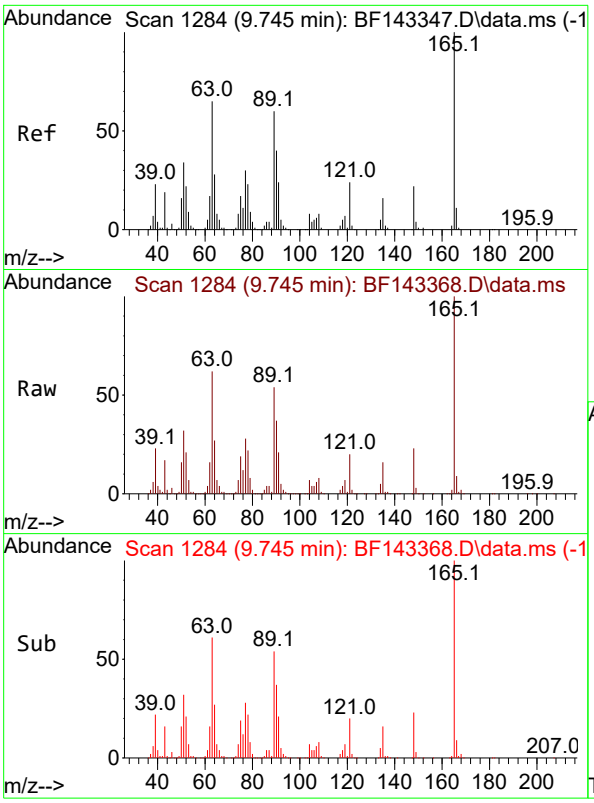


#50
Dimethylphthalate
Concen: 51.866 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:163 Resp: 1214679

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.5	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 59.883 ng
RT: 9.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:165 Resp: 26884

Ion	Ratio	Lower	Upper
165	100		
63	61.5	51.6	77.4
89	53.8	47.7	71.5

Instrument :
BNA_F
ClientSampleId :
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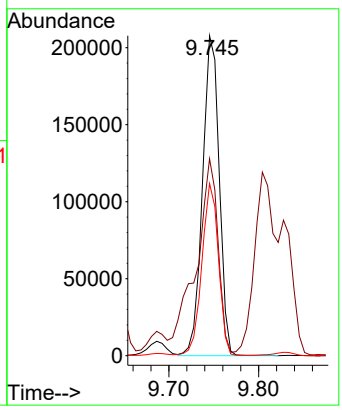
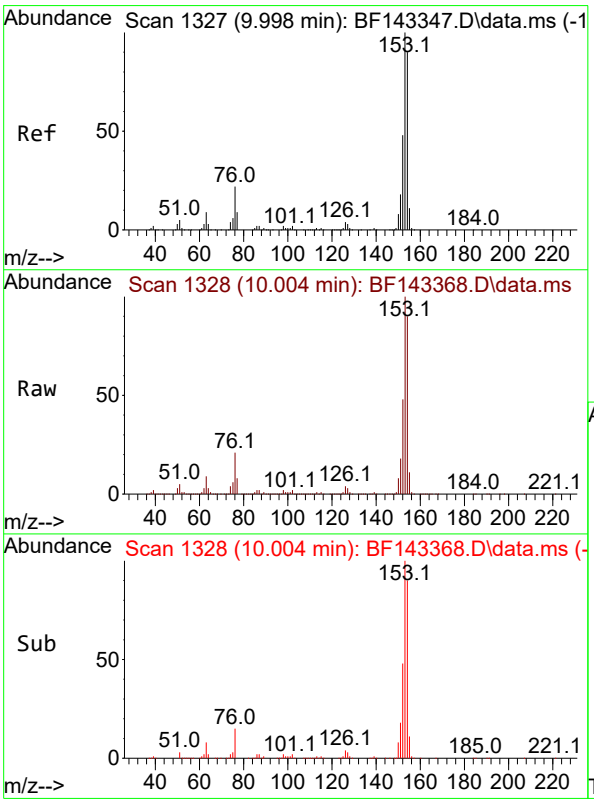
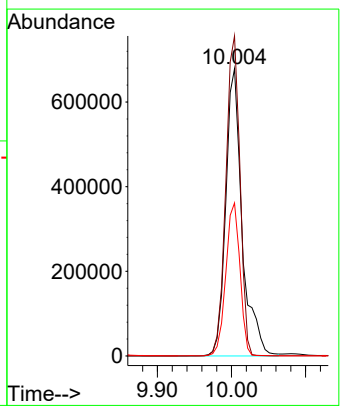


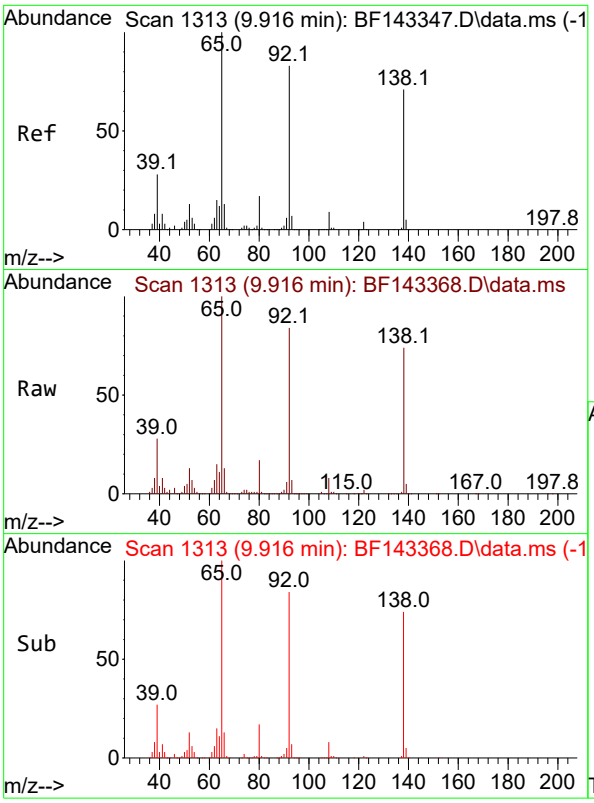


#52
Acenaphthene
Concen: 48.688 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:154 Resp: 1043271

Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.5	132.7
152	53.2	42.4	63.6





#53
3-Nitroaniline
Concen: 40.131 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:138 Resp: 19247

Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.6	14.4
92	114.4	93.4	140.2

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

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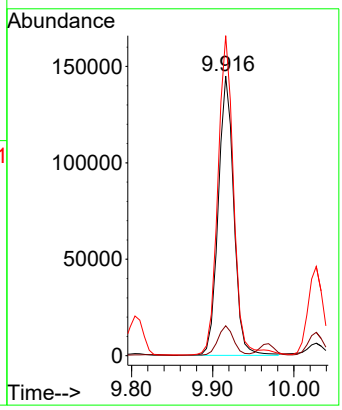
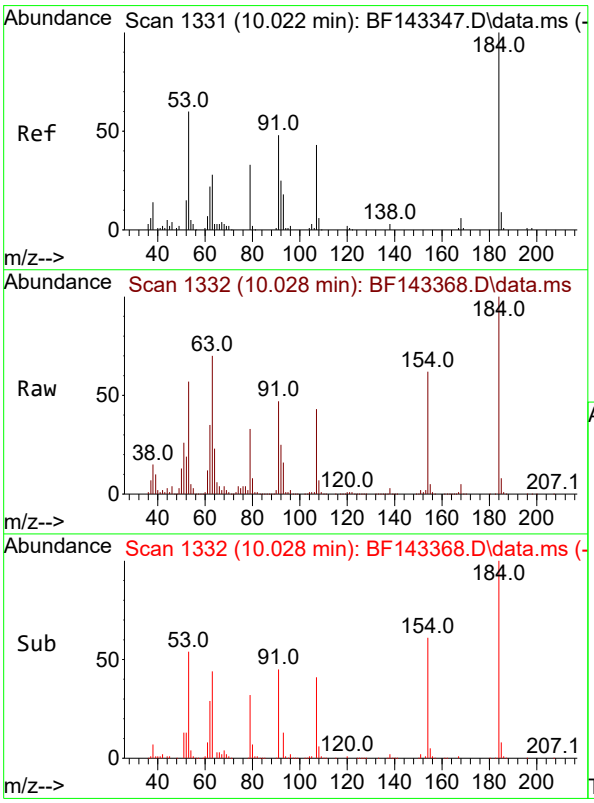
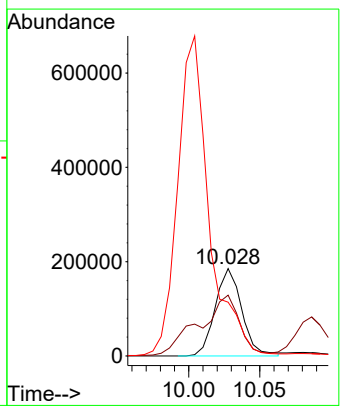


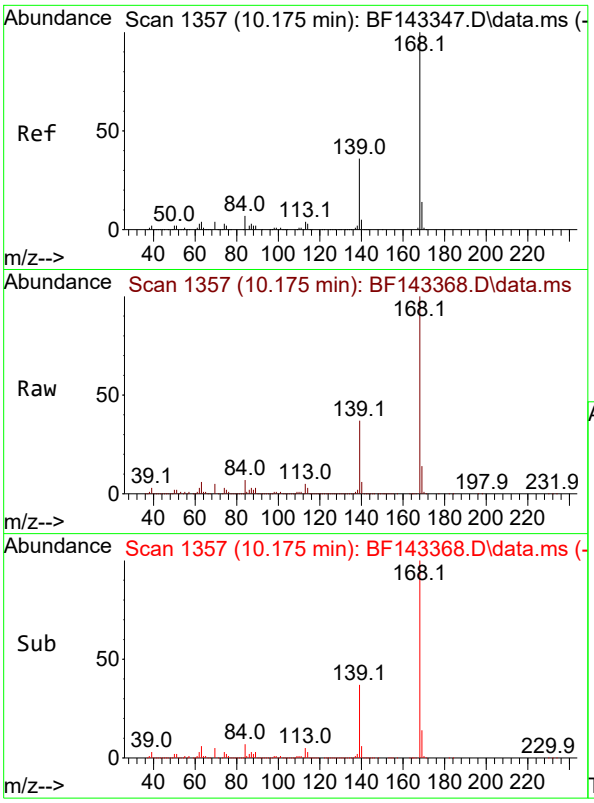


#54
2,4-Dinitrophenol
Concen: 108.851 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:184 Resp: 241742

Ion	Ratio	Lower	Upper
184	100		
63	69.7	62.5	93.7
154	61.6	73.0	109.4#

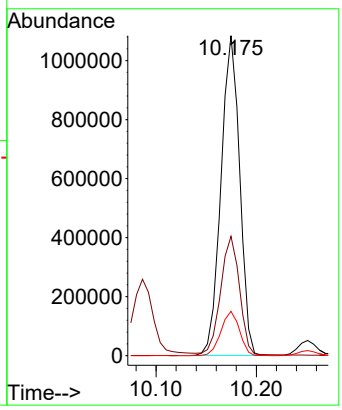




#55
Dibenzofuran
Concen: 45.461 ng
RT: 10.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:168 Resp: 140197

Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.4	44.0
169	13.8	11.0	16.6



Instrument :
BNA_F
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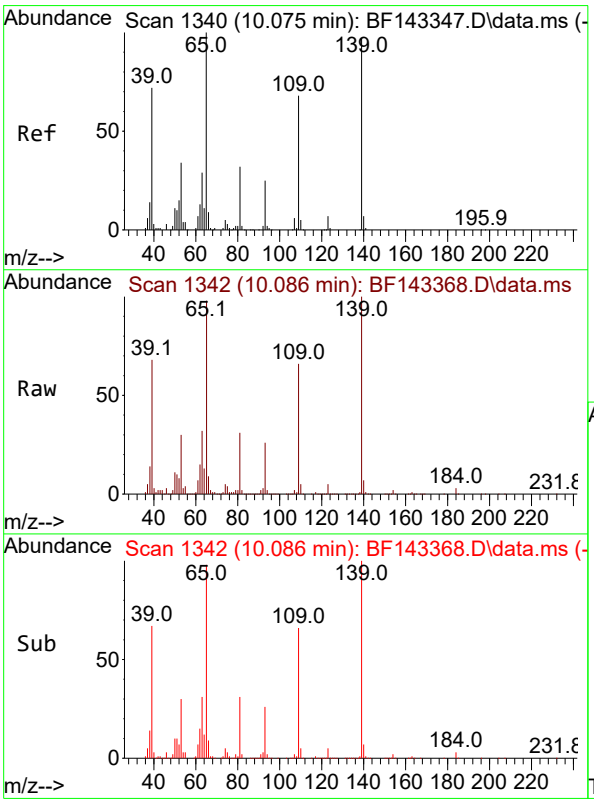
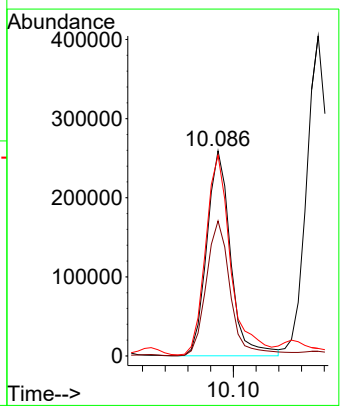
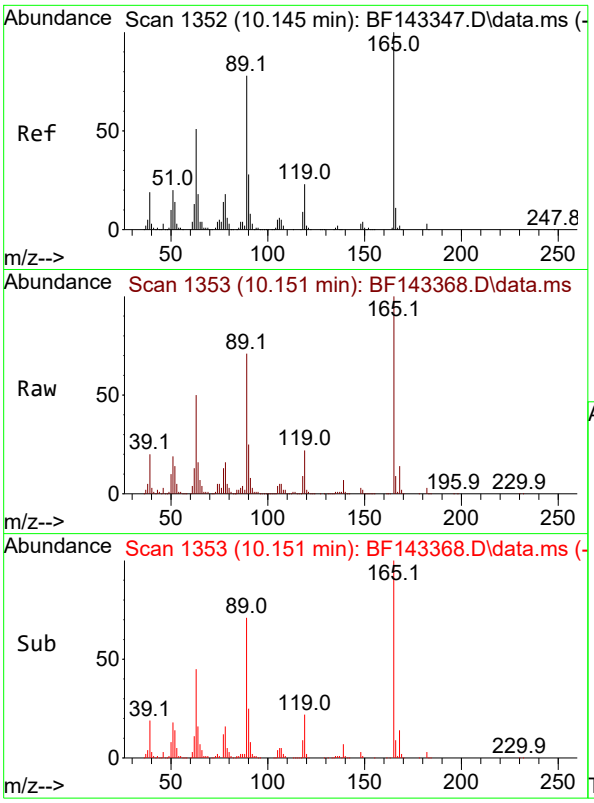


#56
4-Nitrophenol
Concen: 97.115 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:139 Resp: 377068

Ion	Ratio	Lower	Upper
139	100		
109	65.9	49.4	89.4
65	97.8	83.7	123.7

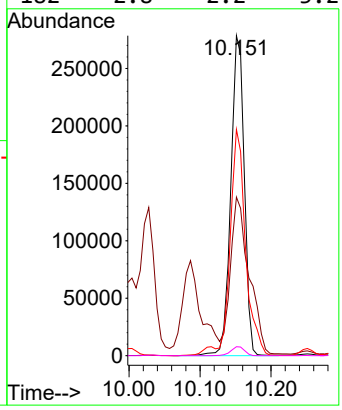




#57
2,4-Dinitrotoluene
Concen: 61.658 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:165 Resp: 36797

Ion	Ratio	Lower	Upper
165	100		
63	49.5	41.8	62.8
89	70.7	62.4	93.6
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
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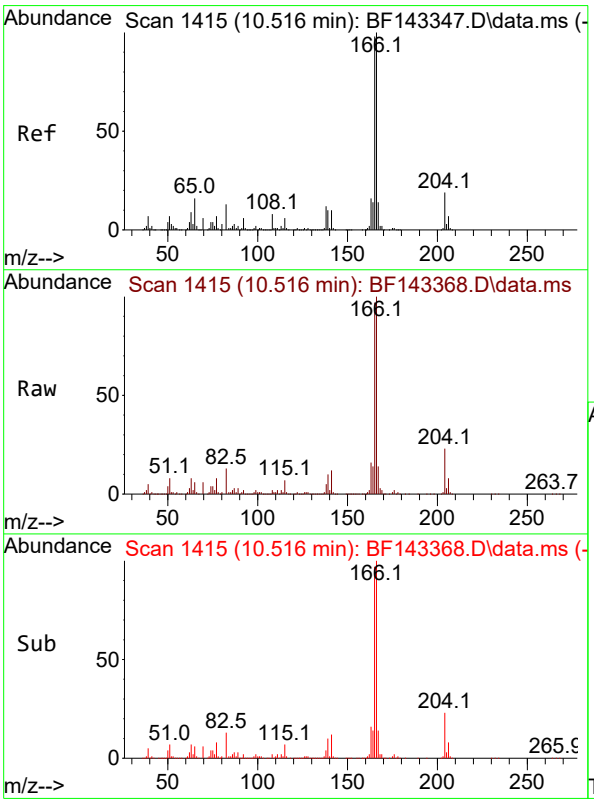
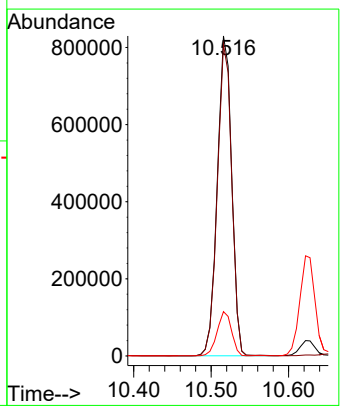
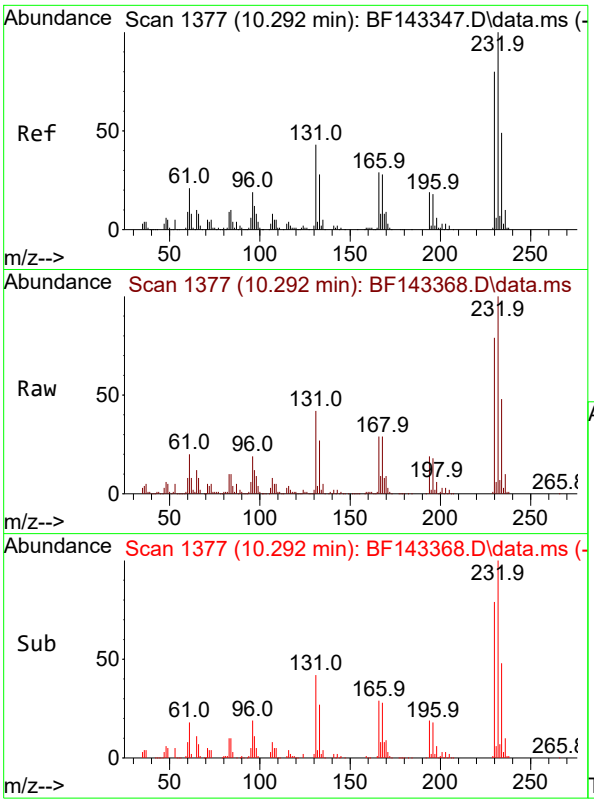


#58
Fluorene
Concen: 45.419 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:166 Resp: 1069858

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.4
167	13.9	10.9	16.3

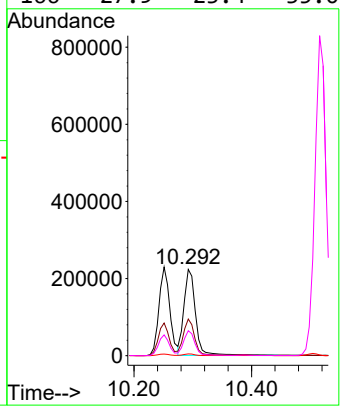




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.954 ng
RT: 10.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:232 Resp: 30295

Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.6	51.8
130	1.9	1.7	2.5
166	27.9	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

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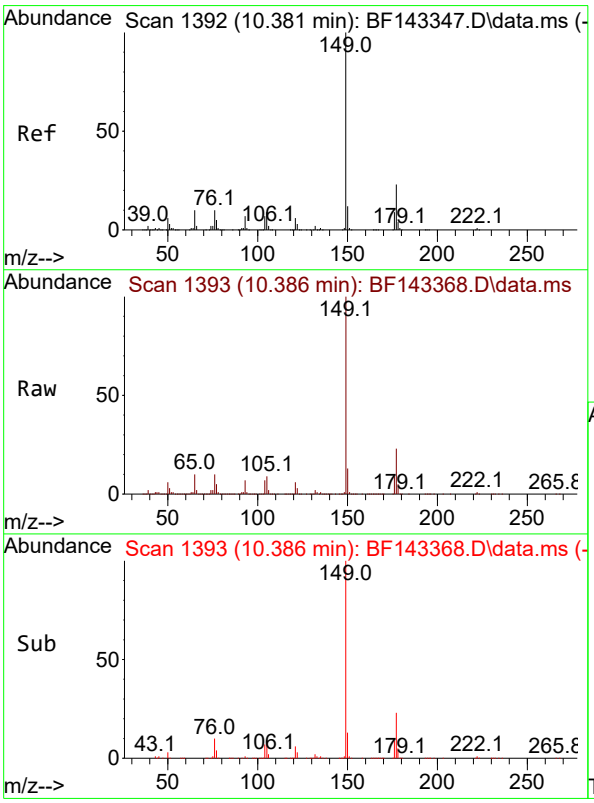
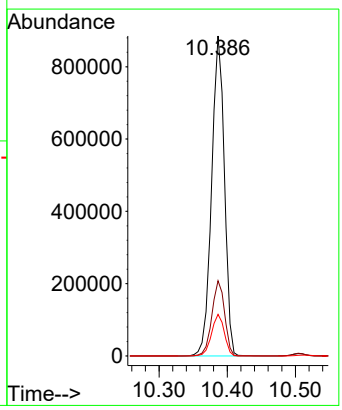
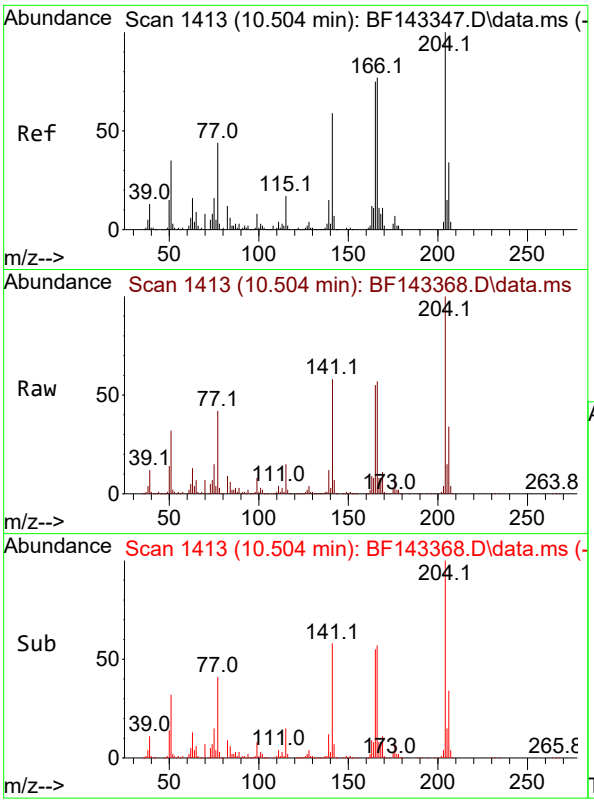


#60
Diethylphthalate
Concen: 55.082 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:149 Resp: 1155461

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.2	27.2
150	13.0	9.9	14.9

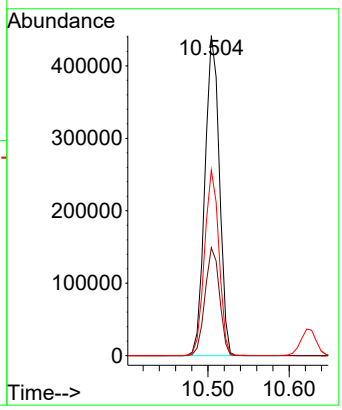




#61
4-Chlorophenyl-phenylether
Concen: 47.882 ng
RT: 10.504 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:204 Resp: 54498

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.4	41.2
141	58.0	46.9	70.3



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

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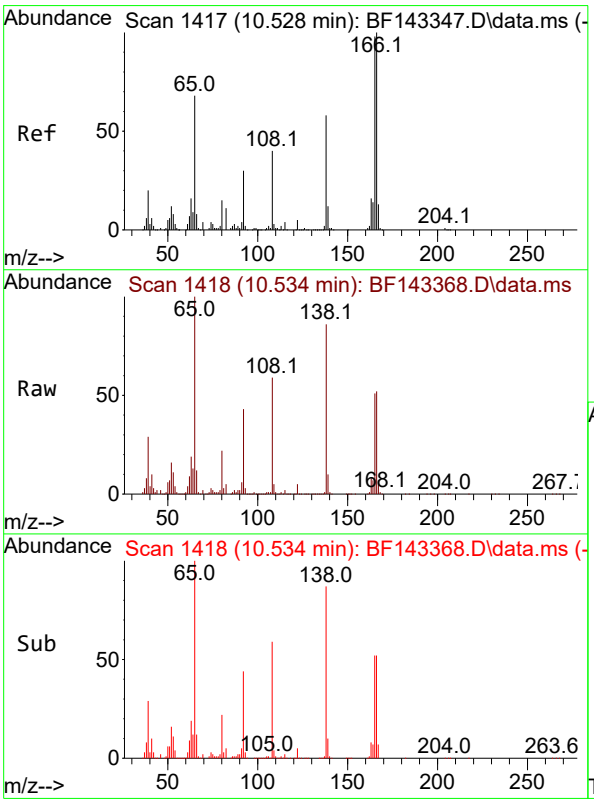
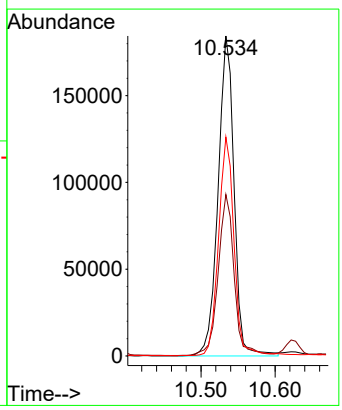
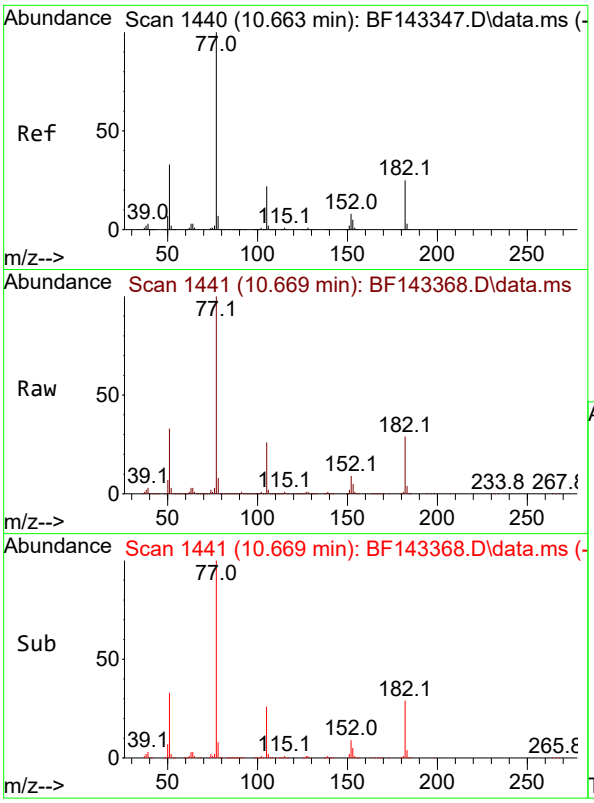


#62
4-Nitroaniline
Concen: 59.587 ng
RT: 10.534 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:138 Resp: 276498

Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.2	71.2
108	68.4	48.1	88.1





#63
Azobenzene
Concen: 51.569 ng
RT: 10.669 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion: 77 Resp: 123560

Ion	Ratio	Lower	Upper
77	100		
182	28.8	4.4	44.4
105	26.1	1.8	41.8
51	33.4	13.7	53.7

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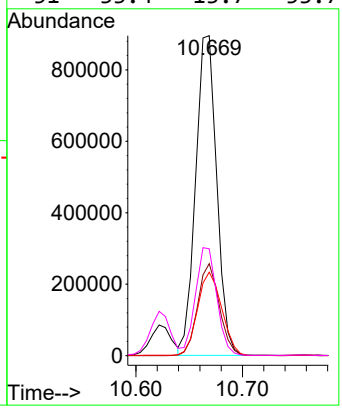
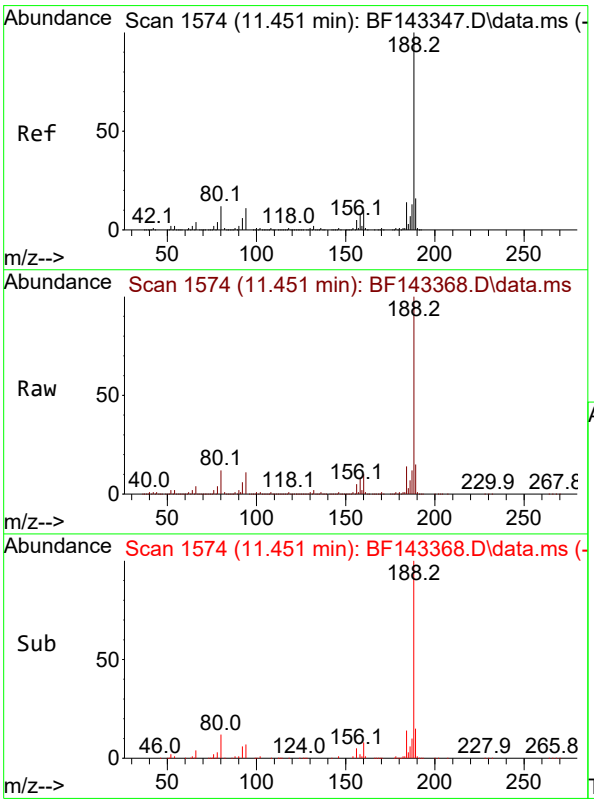
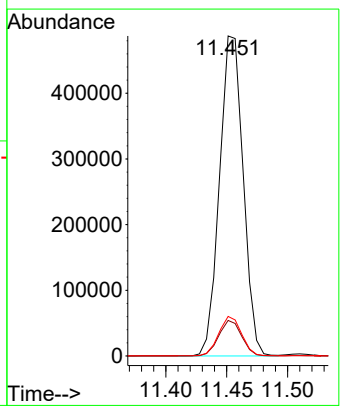


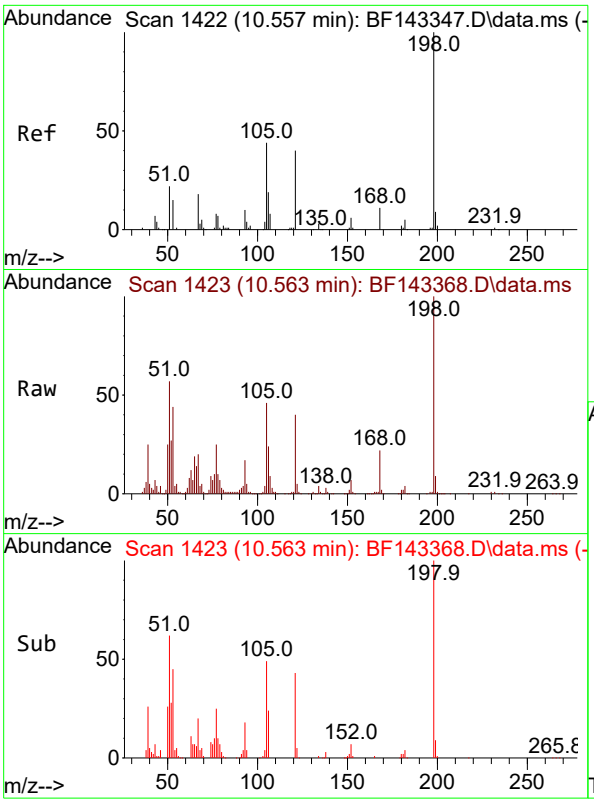


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:188 Resp: 660496

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.8	13.2
80	12.4	9.7	14.5





#65
4,6-Dinitro-2-methylphenol
Concen: 66.409 ng
RT: 10.563 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:198 Resp: 18622

Ion	Ratio	Lower	Upper
198	100		
51	57.4	41.7	81.7
105	45.7	26.8	66.8

Instrument :
BNA_F
ClientSampleId :
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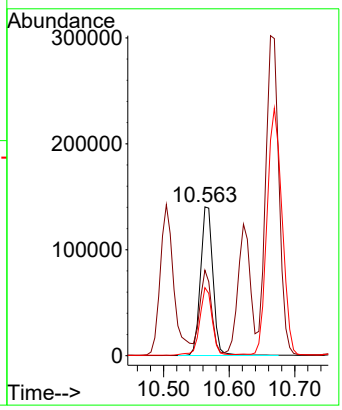
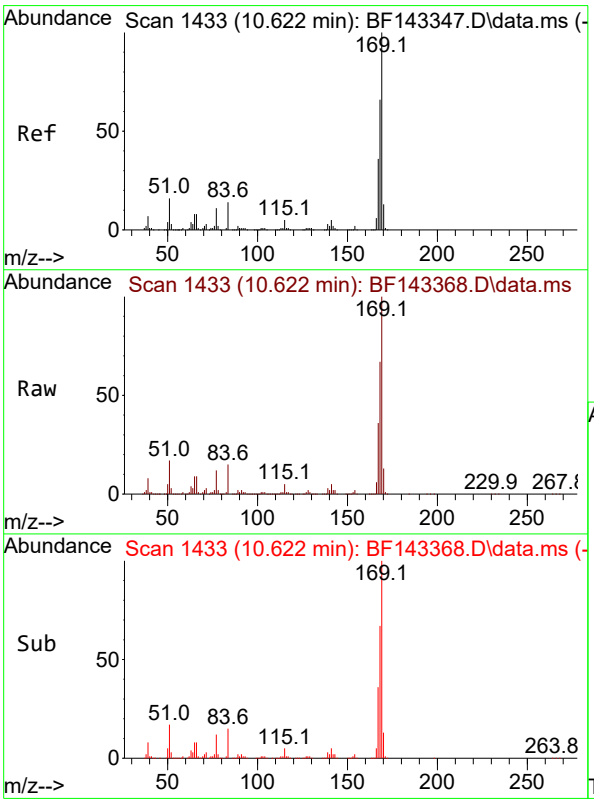
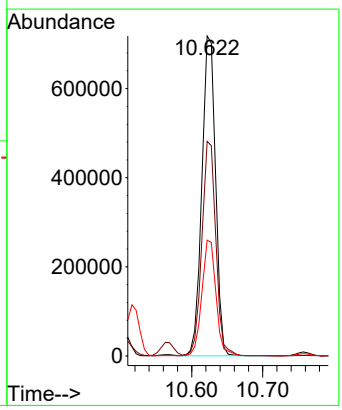


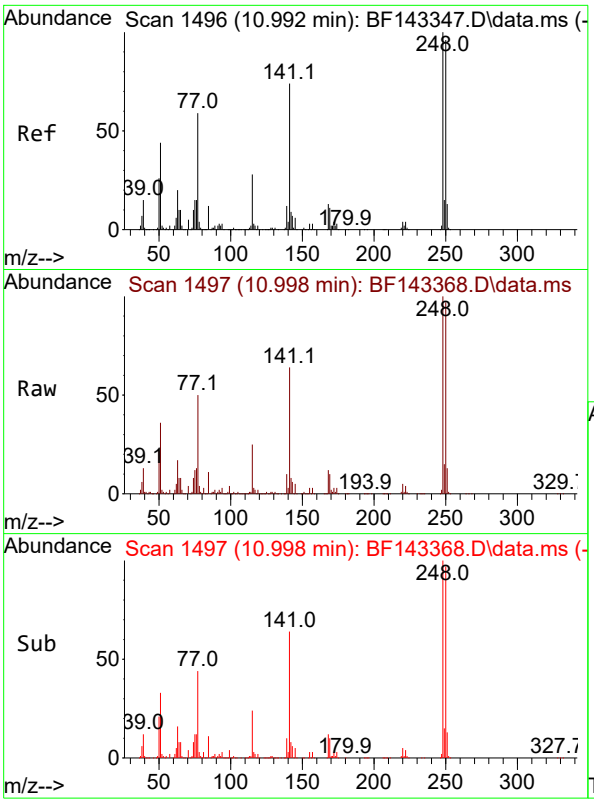


#66
n-Nitrosodiphenylamine
Concen: 44.277 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:169 Resp: 962968

Ion	Ratio	Lower	Upper
169	100		
168	67.0	52.7	79.1
167	36.2	28.6	42.8





#67
4-Bromophenyl-phenylether
Concen: 47.475 ng
RT: 10.998 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:248 Resp: 35862

Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	64.4	59.1	88.7

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

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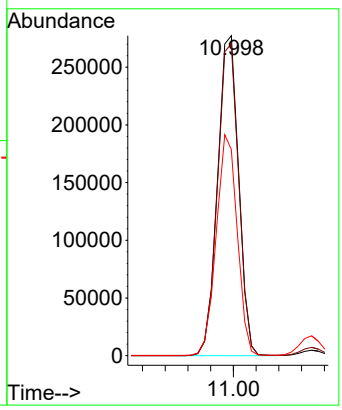
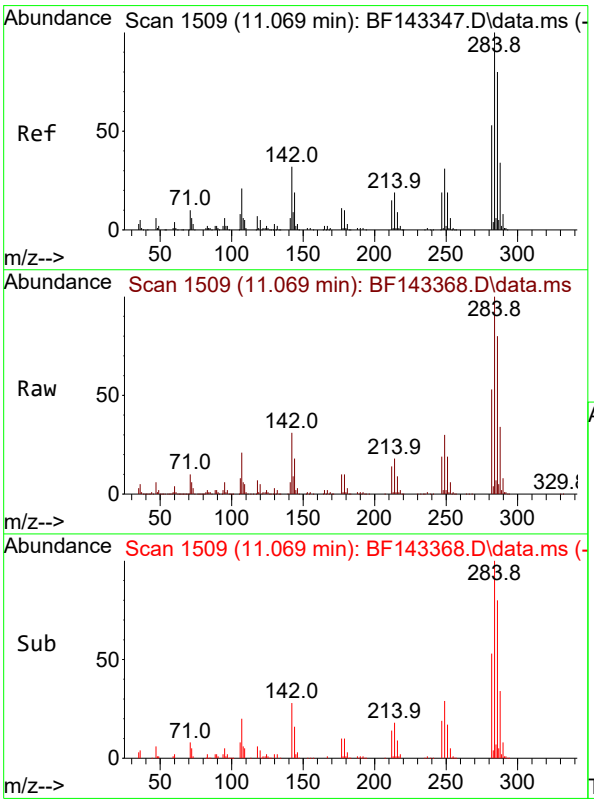
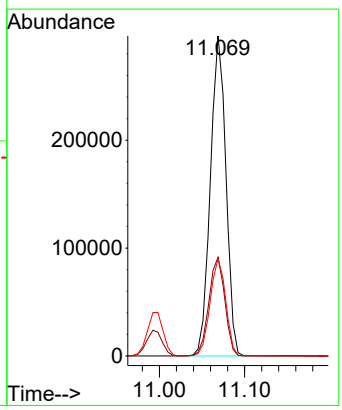


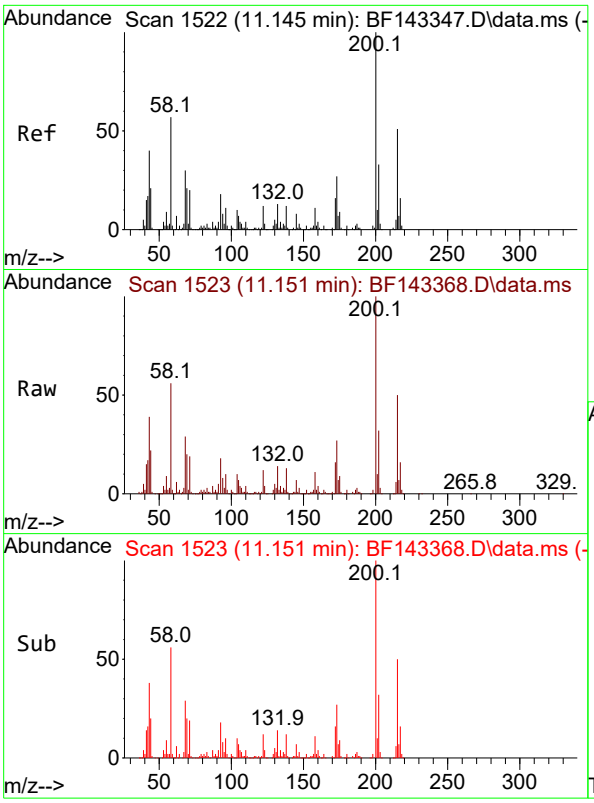


#68
Hexachlorobenzene
Concen: 46.259 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:284 Resp: 376657

Ion	Ratio	Lower	Upper
284	100		
142	30.9	25.7	38.5
249	30.4	24.6	37.0

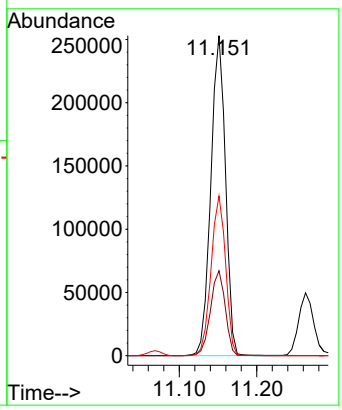




#69
Atrazine
Concen: 58.471 ng
RT: 11.151 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:200 Resp: 33167

Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	49.9	30.6	70.6



Instrument :
BNA_F
ClientSampleId :
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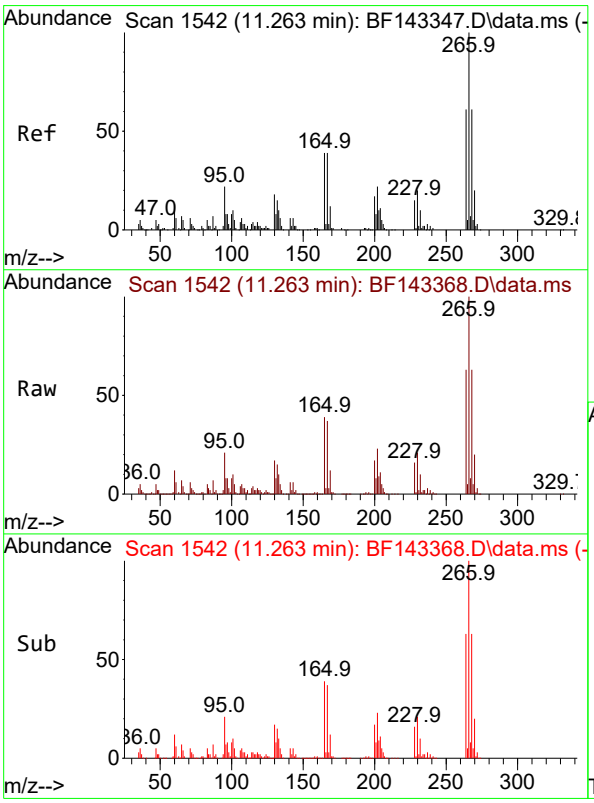
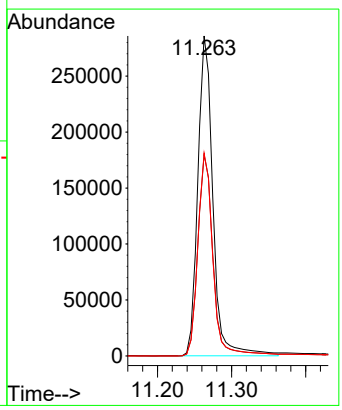
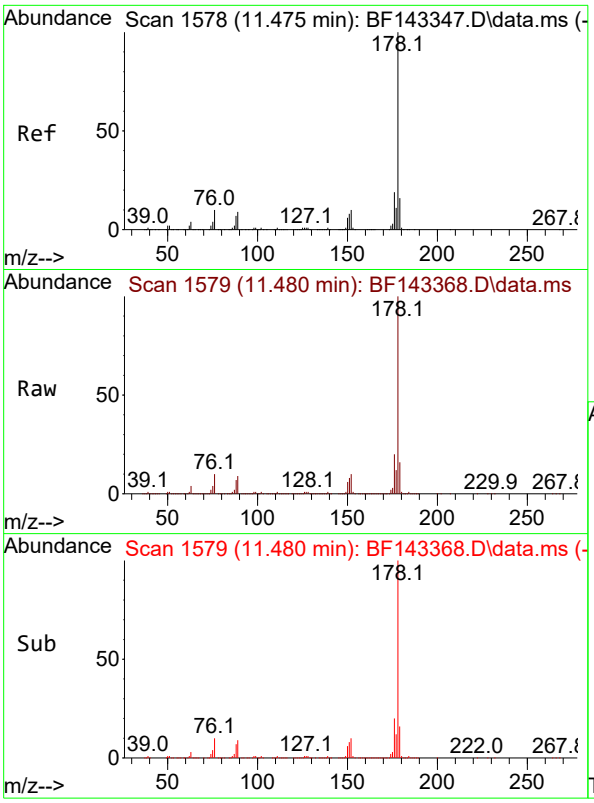


#70
Pentachlorophenol
Concen: 99.770 ng
RT: 11.263 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:266 Resp: 403940

Ion	Ratio	Lower	Upper
266	100		
268	63.0	48.8	73.2
264	63.4	48.8	73.2

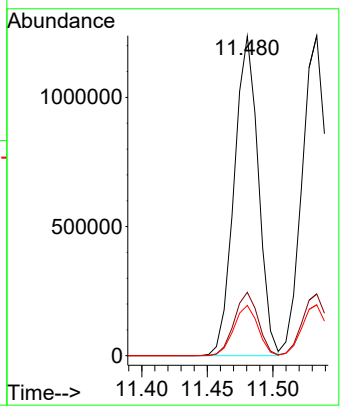




#71
Phenanthrene
Concen: 43.924 ng
RT: 11.480 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:178 Resp: 158286

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.7	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
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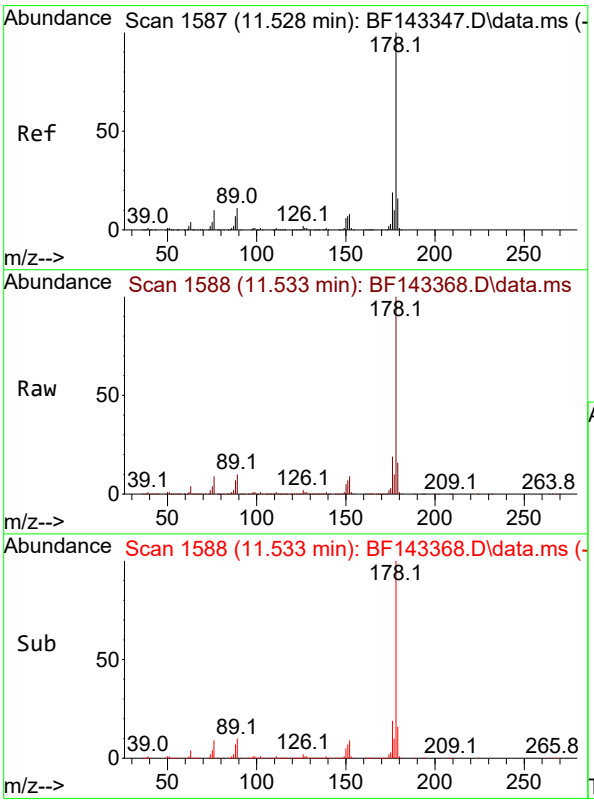
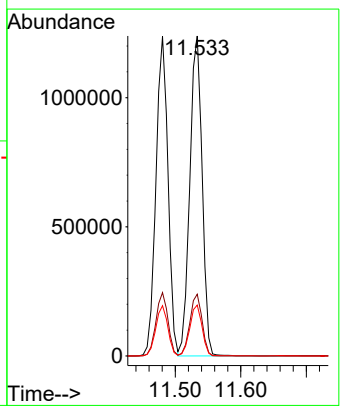
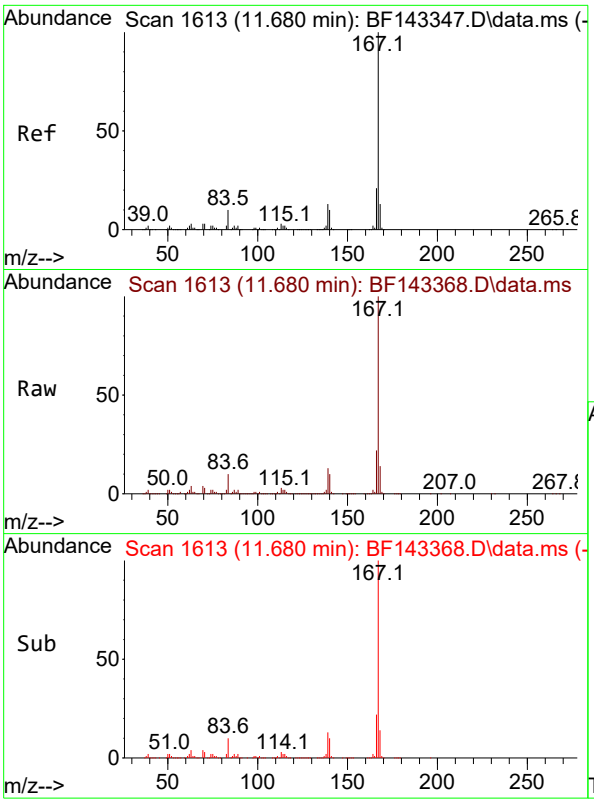


#72
Anthracene
Concen: 44.251 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:178 Resp: 1617222

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.9	12.7	19.1





#73
Carbazole
Concen: 46.126 ng
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:167 Resp: 143565

Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.8	25.2
139	13.0	10.2	15.2

Instrument :
BNA_F
ClientSampleId :
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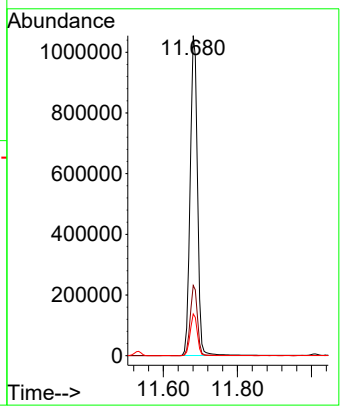
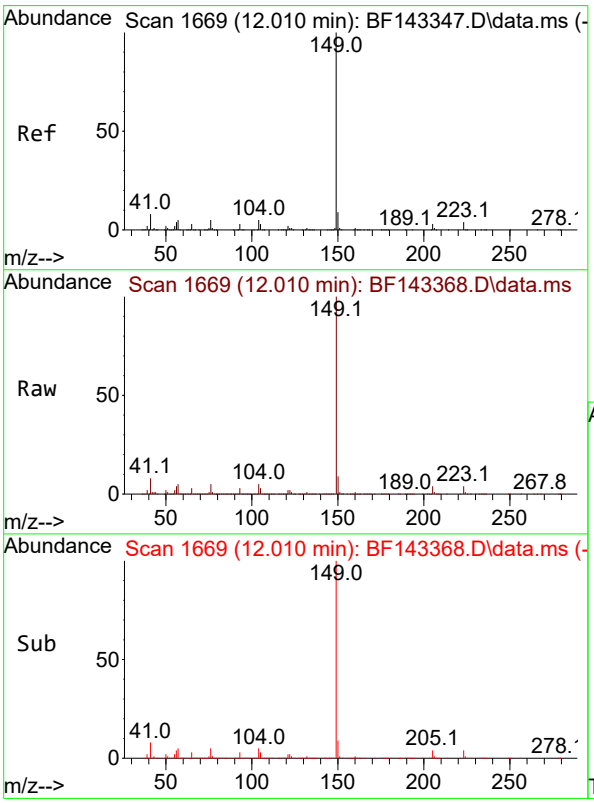
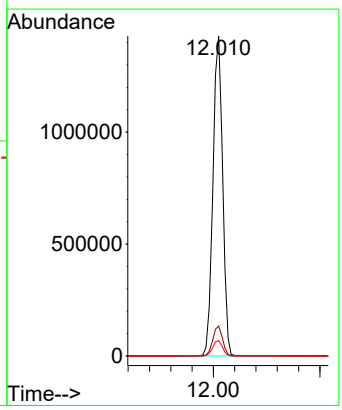


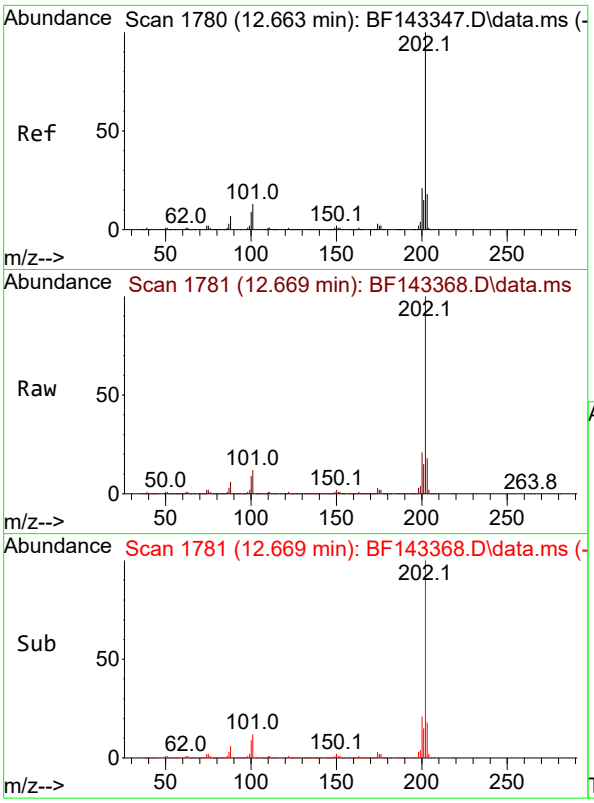


#74
Di-n-butylphthalate
Concen: 68.584 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:149 Resp: 1806368

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	4.8	3.8	5.8





#75
Fluoranthene
Concen: 50.705 ng
RT: 12.669 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:202 Resp: 160058

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.9	0.0	37.6

Instrument :
BNA_F
ClientSampleId :
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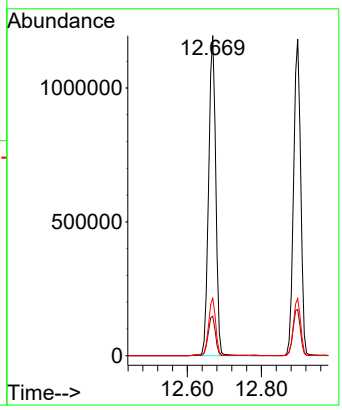
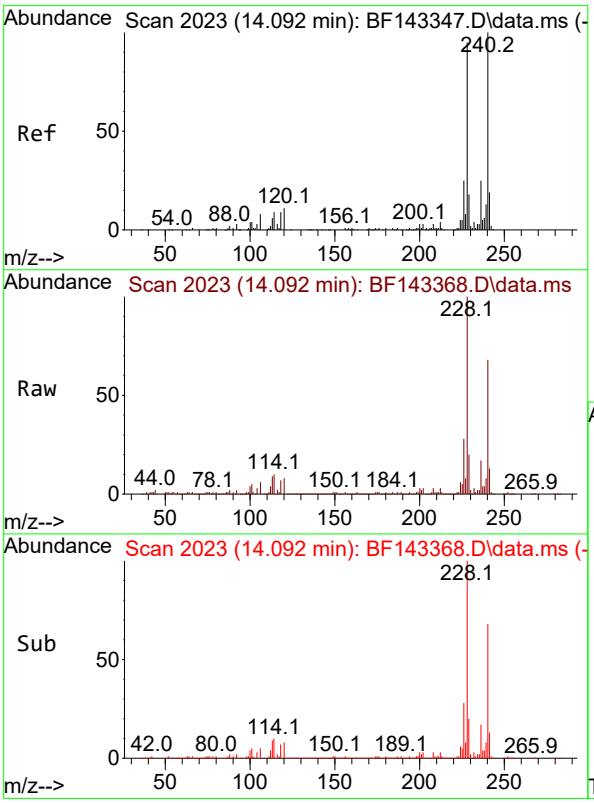
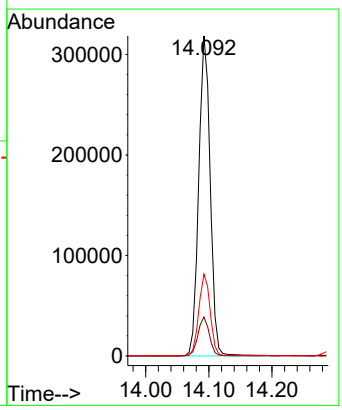


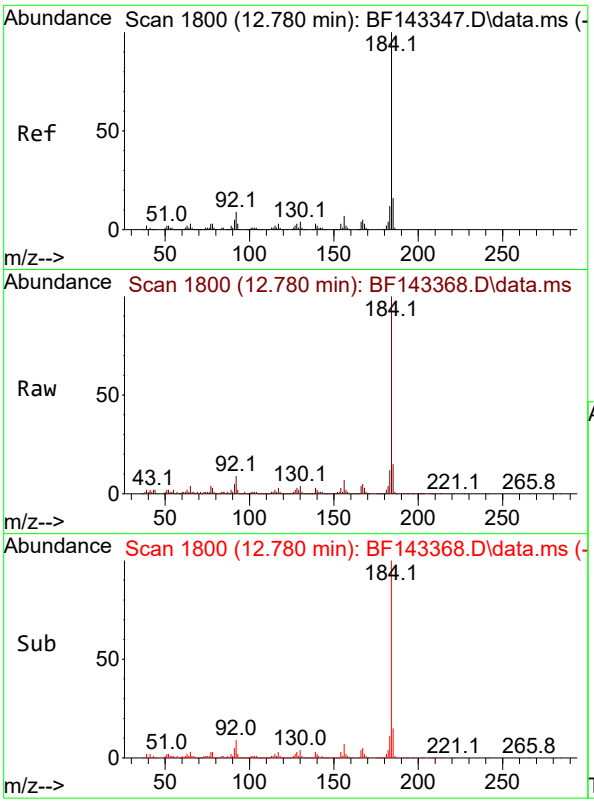


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:240 Resp: 401162

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.6
236	25.6	19.9	29.9





#77
Benzidine
Concen: 40.413 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

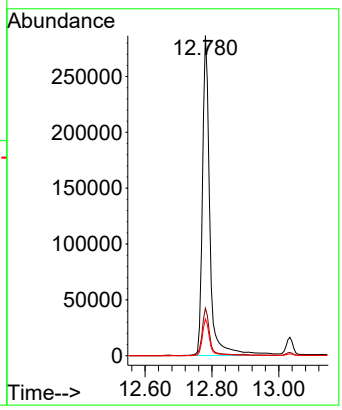
Tgt Ion:184 Resp: 44322

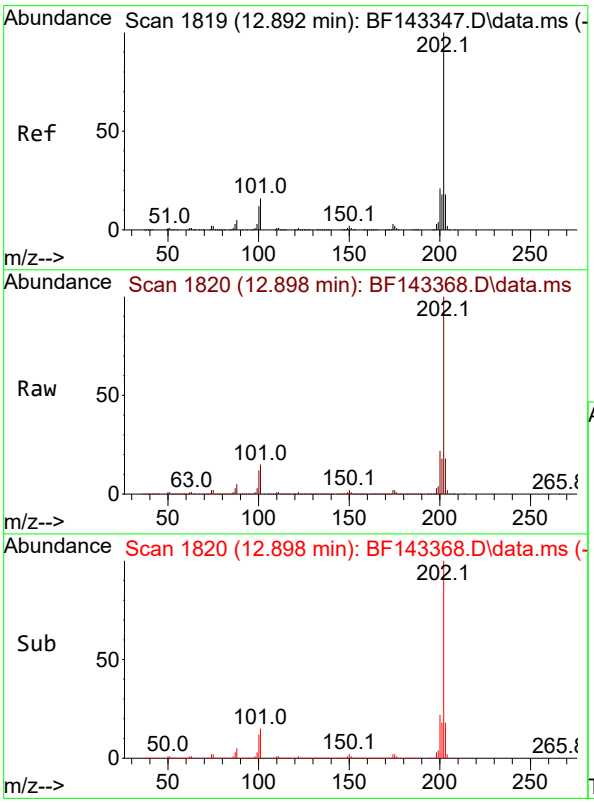
Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.8	19.2
183	11.5	9.3	13.9

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

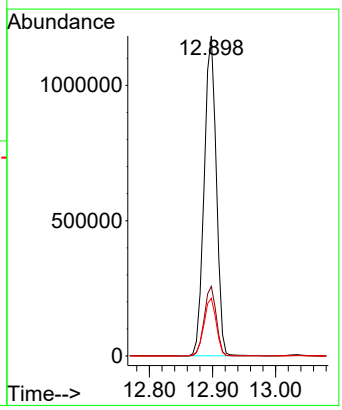


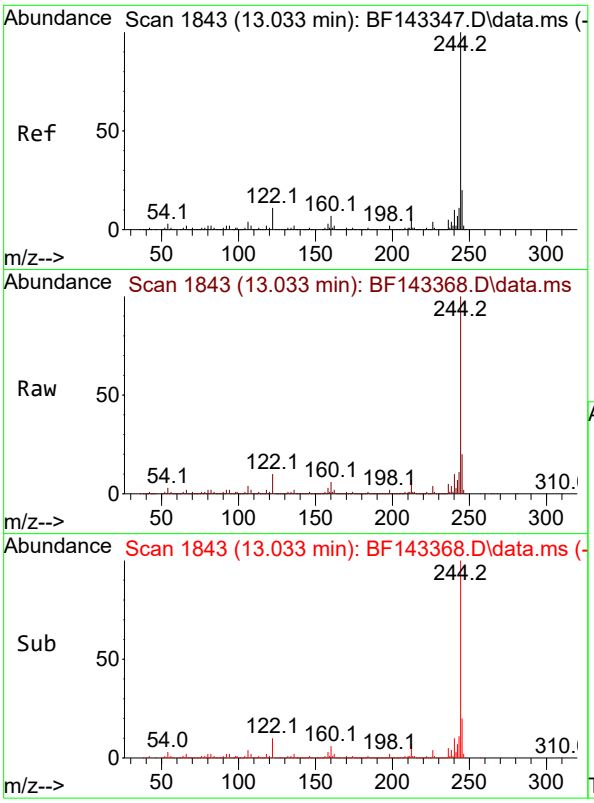


#78
Pyrene
Concen: 46.752 ng
RT: 12.898 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:202 Resp: 1573380

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.8	25.2
203	18.1	14.2	21.4

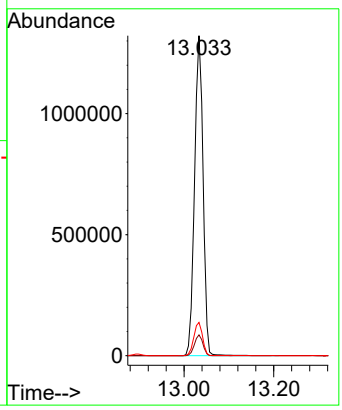




#79
Terphenyl-d14
Concen: 77.549 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:244 Resp: 174252

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.1	7.7
122	10.4	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations
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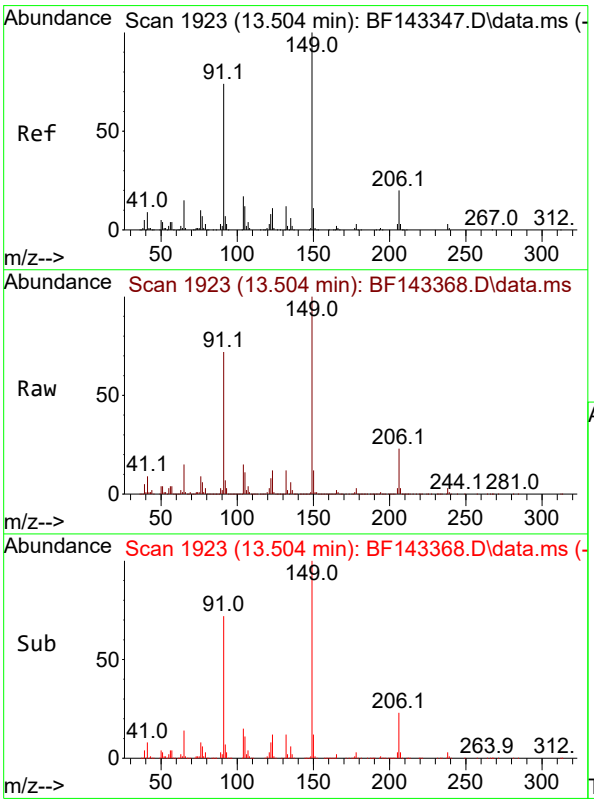
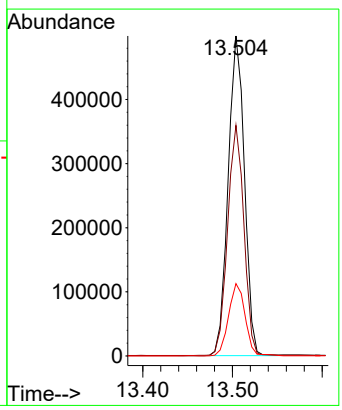
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

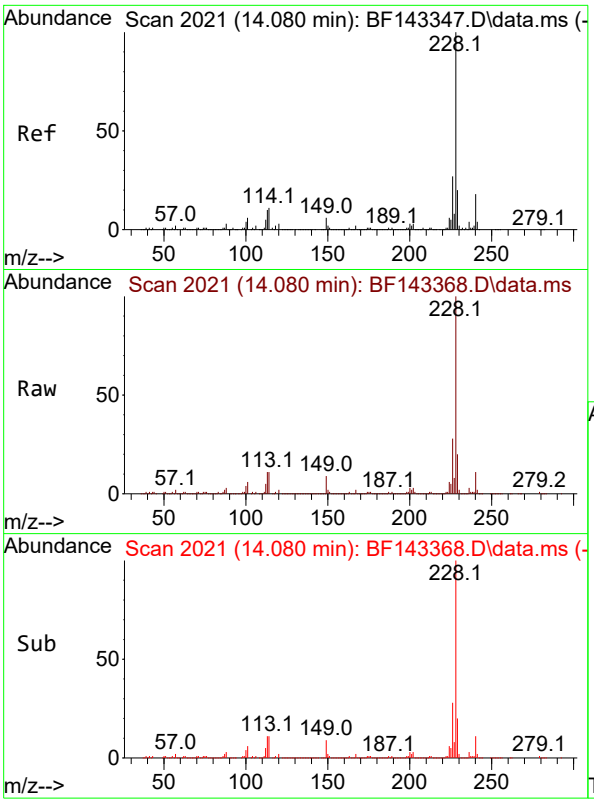


#80
Butylbenzylphthalate
Concen: 91.246 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:149 Resp: 628406

Ion	Ratio	Lower	Upper
149	100		
91	72.0	58.8	88.2
206	22.6	16.4	24.6

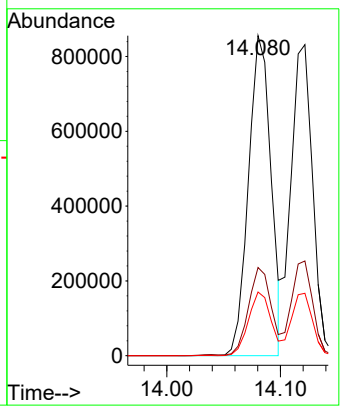




#81
Benzo(a)anthracene
Concen: 46.189 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:228 Resp: 117770

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	19.9	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations
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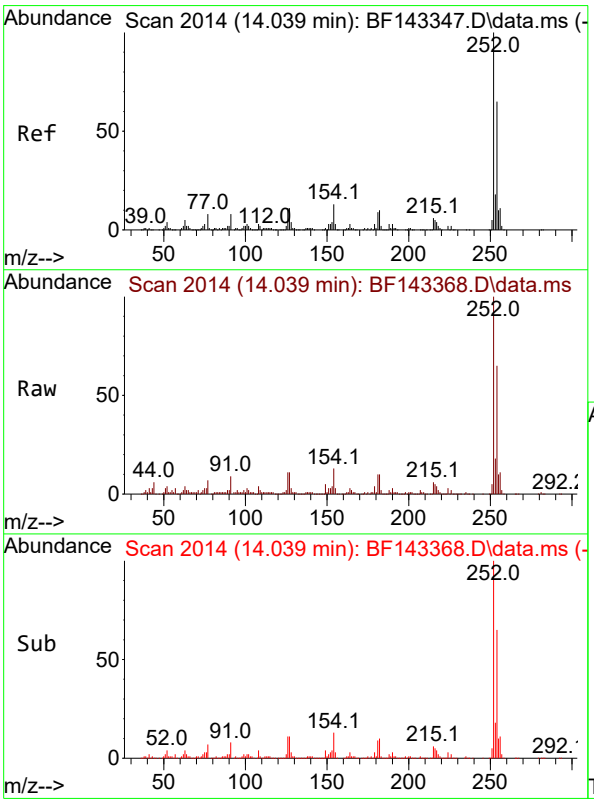
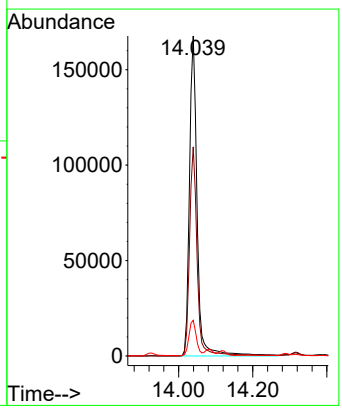
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

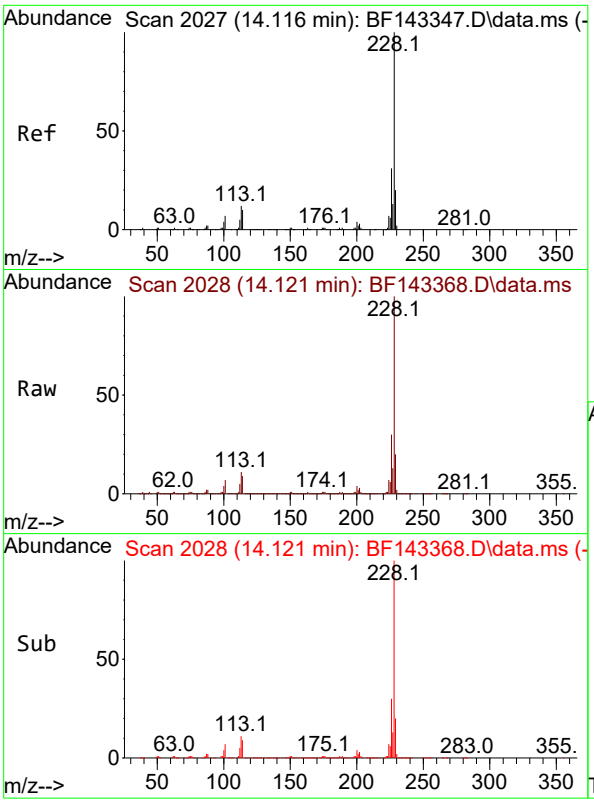


#82
3,3'-Dichlorobenzidine
Concen: 34.980 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:252 Resp: 240837

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	11.2	9.2	13.8





#83
Chrysene
Concen: 46.969 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:228 Resp: 111668

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	20.0	15.8	23.6

Manual Integrations
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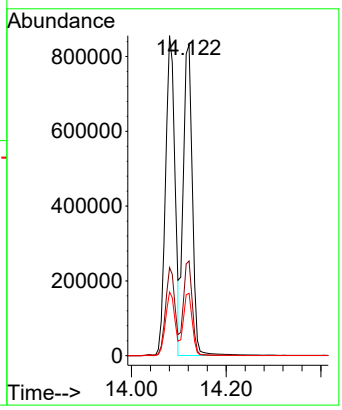
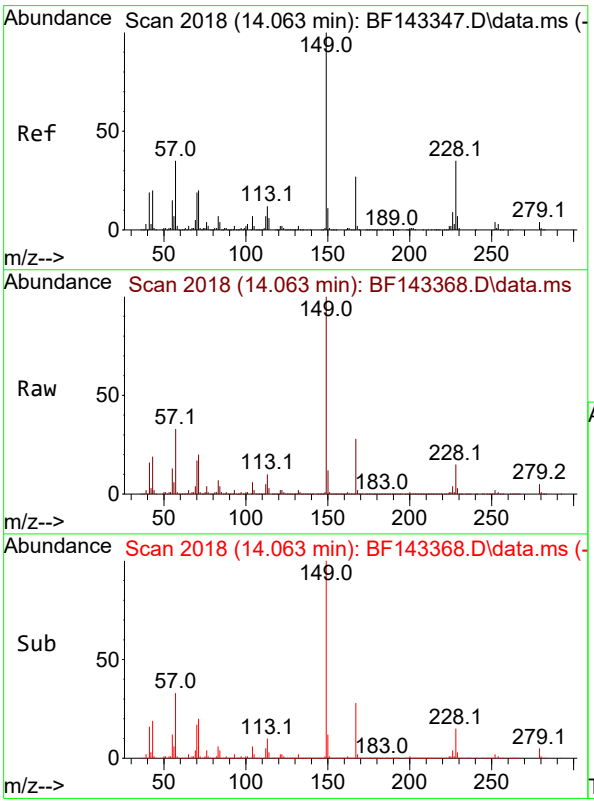
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

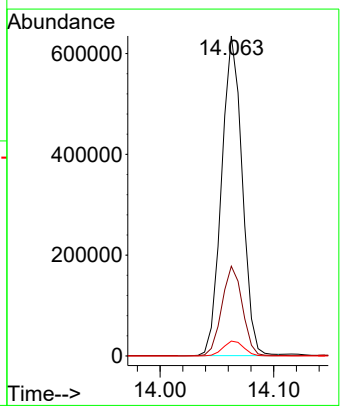


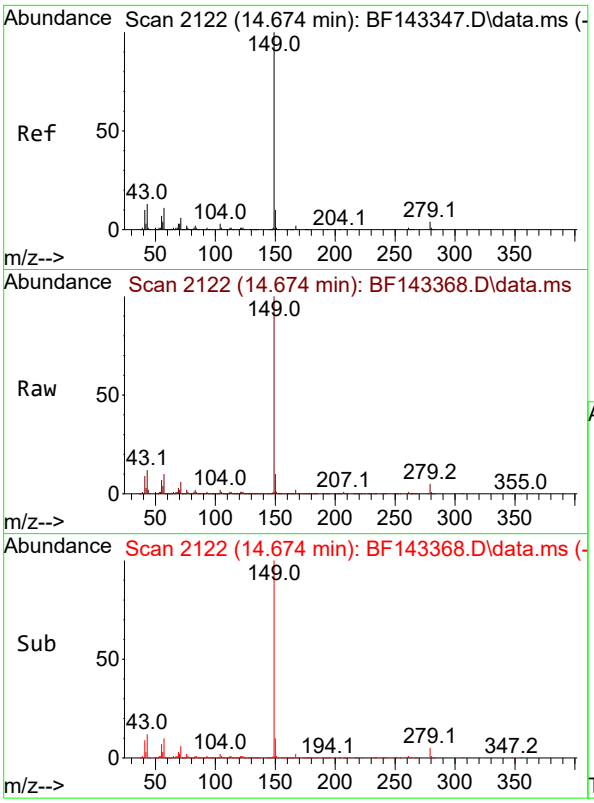


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.088 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:149 Resp: 801196

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.4	32.0
279	4.7	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 57.708 ng
RT: 14.674 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:149 Resp: 115105

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.6	10.8	16.2

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations
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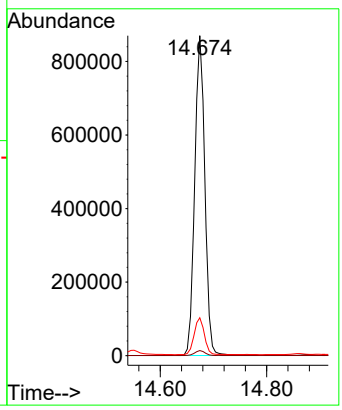
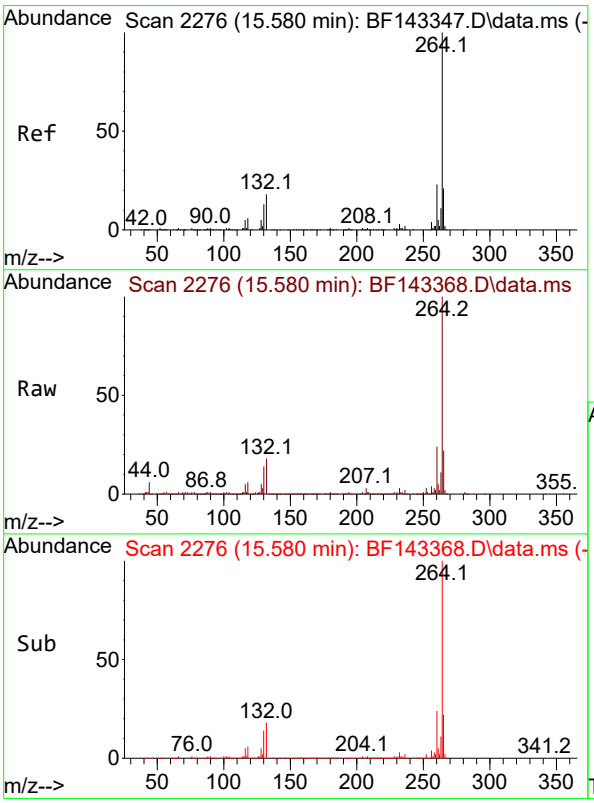
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

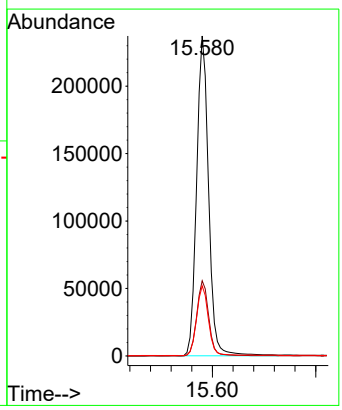


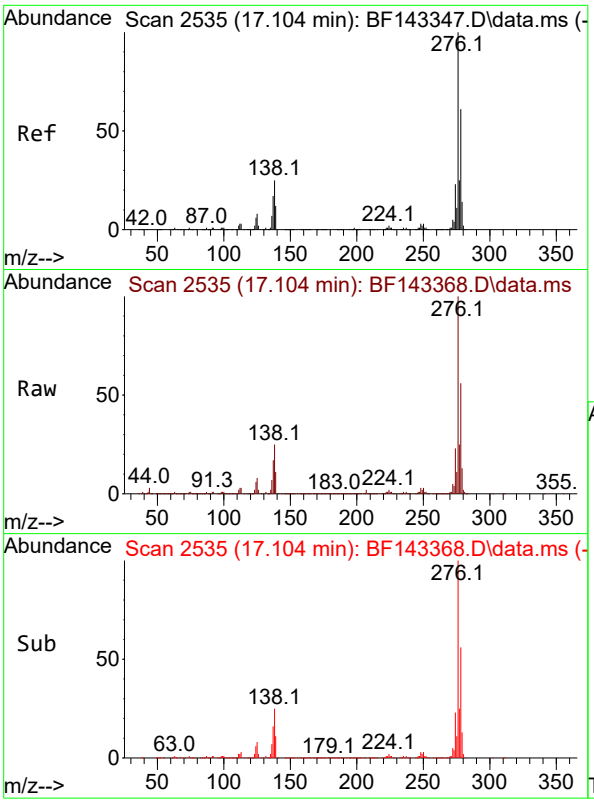


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:264 Resp: 380758

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.9	17.2	25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.571 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:276 Resp: 127039

Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.1	31.7
277	25.3	20.2	30.2

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations
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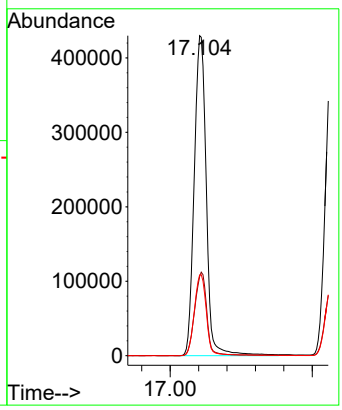
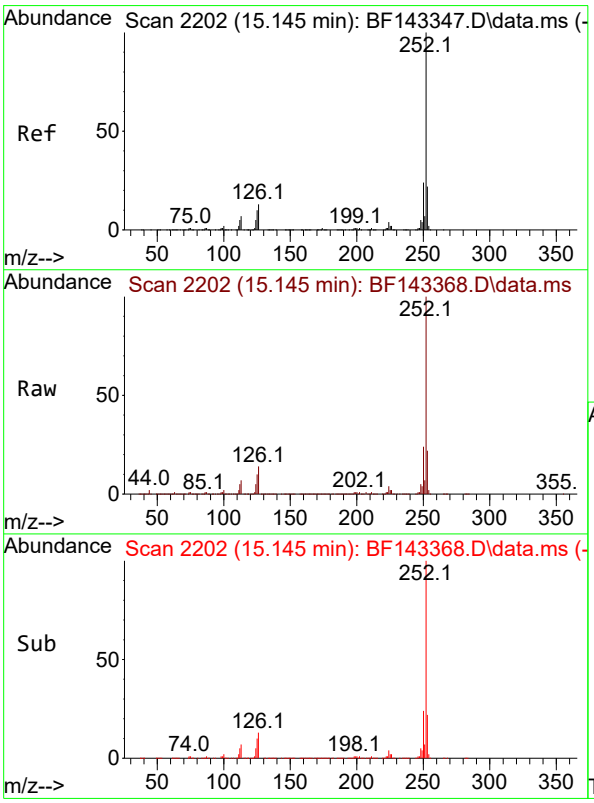
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

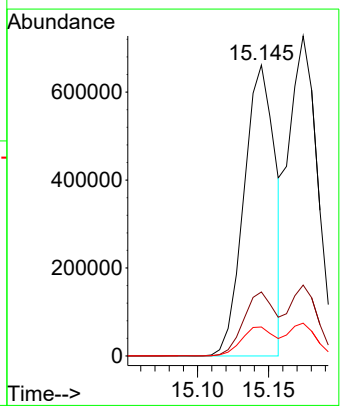


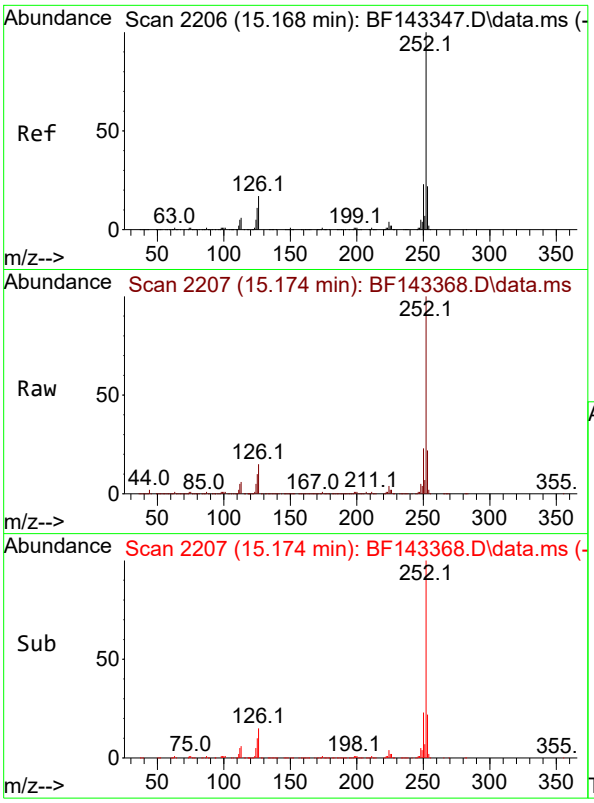


#88
Benzo(b)fluoranthene
Concen: 48.563 ng
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:252 Resp: 1011358

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.0	7.8	11.6





#89
Benzo(k)fluoranthene
Concen: 51.160 ng
RT: 15.174 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:252 Resp: 103528

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.3	8.4	12.6

Manual Integrations
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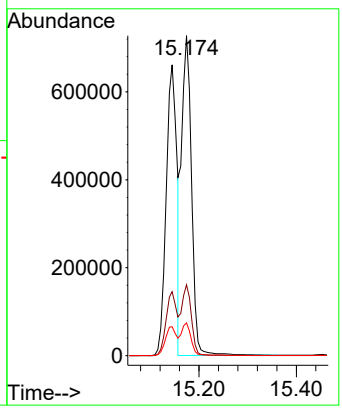
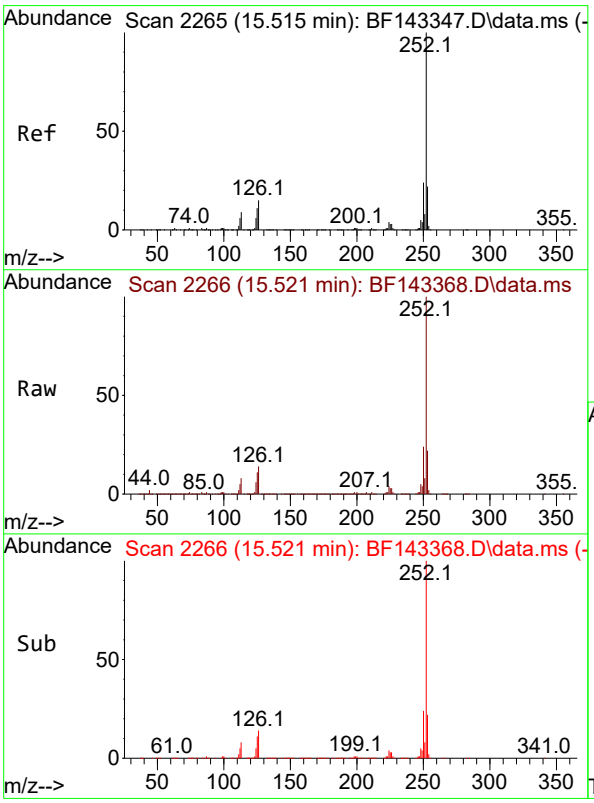
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

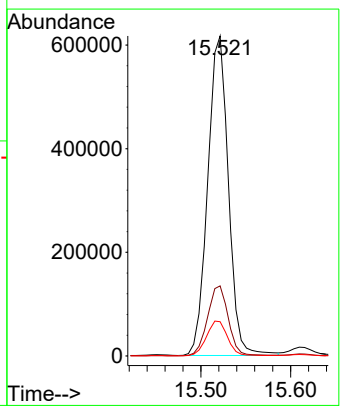


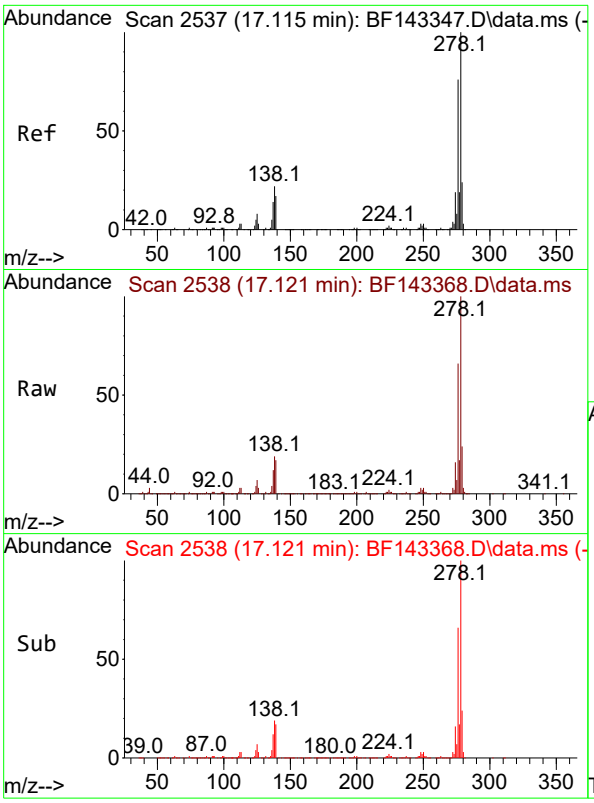


#90
Benzo(a)pyrene
Concen: 50.356 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:252 Resp: 987713

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.7	9.1	13.7

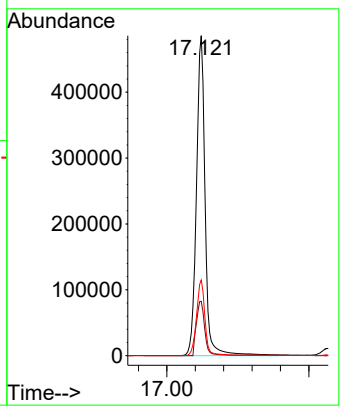




#91
Dibenzo(a,h)anthracene
Concen: 47.665 ng
RT: 17.121 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:278 Resp: 103876

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.0	21.0
279	23.7	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations
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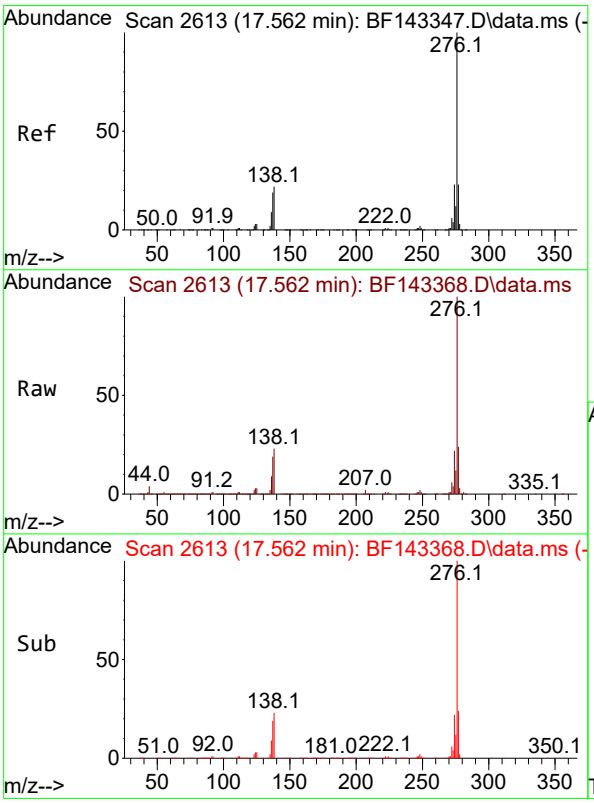
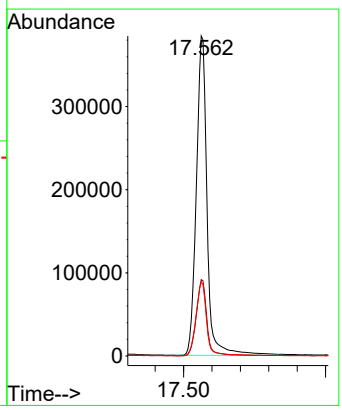
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 45.924 ng
RT: 17.562 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:276 Resp: 1008201

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	23.1	17.8	26.8



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Manual Integration Report

Sequence:	BF081225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF143345.D	Benzoic acid	Rahul	8/13/2025 8:58:28 AM	Jagrut	8/13/2025 11:10:31 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf081325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2830-05MS	BF143367.D	2,4-Dimethylphenol	Rahul	8/14/2025 10:12:53 AM	Jagrut	8/15/2025 12:46:35 PM	Peak Integrated by Software
Q2830-05MSD	BF143368.D	Caprolactam	Rahul	8/14/2025 10:12:55 AM	Jagrut	8/15/2025 12:46:37 PM	Peak Integrated by Software
SSTDCCC040	BF143375.D	2,4-Dimethylphenol	Rahul	8/14/2025 10:13:11 AM	Jagrut	8/15/2025 12:46:49 PM	Peak Integrated by Software
SSTDCCC040	BF143375.D	Benzoic acid	Rahul	8/14/2025 10:13:11 AM	Jagrut	8/15/2025 12:46:49 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp080525	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025299.D	2,3,4,6-Tetrachlorophenol	Rahul	8/6/2025 10:18:06 AM	Jagrut	8/6/2025 10:57:46 AM	Peak Integrated by Software
SSTDICC005	BP025299.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:06 AM	Jagrut	8/6/2025 10:57:46 AM	Peak Integrated by Software
SSTDICC020	BP025301.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:08 AM	Jagrut	8/6/2025 10:57:48 AM	Peak Integrated by Software
SSTDICCC040	BP025302.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:12 AM	Jagrut	8/6/2025 10:57:51 AM	Peak Integrated by Software
SSTDICC050	BP025303.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:14 AM	Jagrut	8/6/2025 10:57:53 AM	Peak Integrated by Software
SSTDICC080	BP025305.D	Benzaldehyde	Rahul	8/6/2025 10:18:17 AM	Jagrut	8/6/2025 10:57:55 AM	Peak Integrated by Software
SSTDICC080	BP025305.D	Benzo(g,h,i)perylene	Rahul	8/6/2025 10:18:17 AM	Jagrut	8/6/2025 10:57:55 AM	Peak Integrated by Software
SSTDICC080	BP025305.D	Caprolactam	Rahul	8/6/2025 10:18:17 AM	Jagrut	8/6/2025 10:57:55 AM	Peak Integrated by Software
SSTDICC080	BP025305.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:17 AM	Jagrut	8/6/2025 10:57:55 AM	Peak Integrated by Software
SSTDICV040	BP025306.D	Indeno(1,2,3-cd)pyrene	Rahul	8/6/2025 10:18:20 AM	Jagrut	8/6/2025 10:57:58 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp081225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025360.D	Benzaldehyde	Rahul	8/13/2025 8:57:32 AM	Jagrut	8/13/2025 11:24:26 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP081325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025377.D	Indeno(1,2,3-cd)pyrene	Rahul	8/14/2025 10:14:27 AM	Jagrut	8/14/2025 2:29:12 PM	Peak Integrated by Software
SSTDCCC040	BP025389.D	Acenaphthene	Rahul	8/14/2025 10:14:41 AM	Jagrut	8/14/2025 2:29:24 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025393.D	Acenaphthene	Rahul	8/15/2025 9:34:57 AM	Jagrut	8/15/2025 12:49:22 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Acenaphthene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzaldehyde	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzoic acid	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Acenaphthene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Benzoic acid	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICCC040	BP025396.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:47 AM	Jagrut	8/15/2025 12:49:30 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Benzo(g,h,i)perylene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC080	BP025399.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:40 AM	Jagrut	8/15/2025 12:49:36 PM	Peak Integrated by Software
SSTDICV040	BP025400.D	Acenaphthene	Rahul	8/15/2025 9:34:38 AM	Jagrut	8/15/2025 12:49:39 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169210BS	BP025402.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:35 AM	Jagrut	8/15/2025 12:49:41 PM	Peak Integrated by Software
SSTDCCC040	BP025403.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:33 AM	Jagrut	8/15/2025 12:49:44 PM	Peak Integrated by Software
SSTDCCC040	BP025405.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:31 AM	Jagrut	8/15/2025 12:49:46 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Acenaphthene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM				
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM				
SubDirectory	BF081225	HP Acquire Method	BNA_F		HP Processing Method	bf081225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143342.D	12 Aug 2025 08:34	RC/JU	Ok
2	SSTDICC2.5	BF143343.D	12 Aug 2025 09:03	RC/JU	Ok
3	SSTDICC005	BF143344.D	12 Aug 2025 09:34	RC/JU	Ok
4	SSTDICC010	BF143345.D	12 Aug 2025 10:04	RC/JU	Ok,M
5	SSTDICC020	BF143346.D	12 Aug 2025 10:35	RC/JU	Ok
6	SSTDICCC040	BF143347.D	12 Aug 2025 11:06	RC/JU	Ok
7	SSTDICC050	BF143348.D	12 Aug 2025 11:37	RC/JU	Ok
8	SSTDICC060	BF143349.D	12 Aug 2025 12:07	RC/JU	Ok
9	SSTDICC080	BF143350.D	12 Aug 2025 12:38	RC/JU	Ok
10	SSTDICV040	BF143351.D	12 Aug 2025 13:52	RC/JU	Ok
11	PB169189BL	BF143352.D	12 Aug 2025 14:22	RC/JU	Ok
12	PB169189BS	BF143353.D	12 Aug 2025 14:53	RC/JU	Ok,M
13	Q2807-02	BF143354.D	12 Aug 2025 15:33	RC/JU	Ok,M
14	Q2807-01	BF143355.D	12 Aug 2025 16:02	RC/JU	Ok
15	Q2807-03	BF143356.D	12 Aug 2025 16:32	RC/JU	Ok,M
16	Q2807-03MS	BF143357.D	12 Aug 2025 17:02	RC/JU	Ok
17	Q2807-03MSD	BF143358.D	12 Aug 2025 17:32	RC/JU	Ok,M
18	Q2830-07	BF143359.D	12 Aug 2025 18:02	RC/JU	Ok
19	Q2830-01	BF143360.D	12 Aug 2025 18:32	RC/JU	Ok
20	Q2830-03	BF143361.D	12 Aug 2025 19:02	RC/JU	Ok
21	Q2830-05	BF143362.D	12 Aug 2025 19:32	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM				
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM				
SubDirectory	BF081225	HP Acquire Method	BNA_F		HP Processing Method	bf081225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2831-01	BF143363.D	12 Aug 2025 20:02	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081325

Review By	Rahul	Review On	8/14/2025 10:13:42 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 12:47:02 PM		
SubDirectory	BF081325	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143364.D	13 Aug 2025 08:59	RC/JU	Ok
2	SSTDCCC040	BF143365.D	13 Aug 2025 10:00	RC/JU	Ok
3	PB169210BL	BF143366.D	13 Aug 2025 10:30	RC/JU	Ok
4	Q2830-05MS	BF143367.D	13 Aug 2025 11:12	RC/JU	Ok,M
5	Q2830-05MSD	BF143368.D	13 Aug 2025 11:42	RC/JU	Ok,M
6	Q2808-04	BF143369.D	13 Aug 2025 12:12	RC/JU	Ok
7	Q2808-04MS	BF143370.D	13 Aug 2025 12:42	RC/JU	Ok,M
8	Q2808-04MSD	BF143371.D	13 Aug 2025 13:12	RC/JU	Ok,M
9	Q2827-04	BF143372.D	13 Aug 2025 13:42	RC/JU	Ok
10	Q2827-08	BF143373.D	13 Aug 2025 14:11	RC/JU	Ok,M
11	Q2831-03	BF143374.D	13 Aug 2025 14:42	RC/JU	Ok,M
12	SSTDCCC040	BF143375.D	13 Aug 2025 15:41	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP080525

Review By	Rahul	Review On	8/6/2025 10:18:45 AM		
Supervise By	Jagrut	Supervise On	8/6/2025 10:58:08 AM		
SubDirectory	BP080525	HP Acquire Method	BNA_P	HP Processing Method	bp080525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13169,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025297.D	05 Aug 2025 11:21	CG/JU	Ok
2	SSTDICC2.5	BP025298.D	05 Aug 2025 12:03	CG/JU	Ok
3	SSTDICC005	BP025299.D	05 Aug 2025 12:44	CG/JU	Ok,M
4	SSTDICC010	BP025300.D	05 Aug 2025 13:25	CG/JU	Ok
5	SSTDICC020	BP025301.D	05 Aug 2025 14:06	CG/JU	Ok,M
6	SSTDICCC040	BP025302.D	05 Aug 2025 14:47	CG/JU	Ok,M
7	SSTDICC050	BP025303.D	05 Aug 2025 15:28	CG/JU	Ok,M
8	SSTDICC060	BP025304.D	05 Aug 2025 16:10	CG/JU	Ok
9	SSTDICC080	BP025305.D	05 Aug 2025 16:51	CG/JU	Ok,M
10	SSTDICV040	BP025306.D	05 Aug 2025 17:32	CG/JU	Ok,M
11	PB169079TB	BP025307.D	05 Aug 2025 18:54	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081225

Review By	Rahul	Review On	8/13/2025 11:12:01 AM		
Supervise By	Jagrut	Supervise On	8/13/2025 11:24:57 AM		
SubDirectory	BP081225	HP Acquire Method	BNA_P	HP Processing Method	bp080525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025359.D	12 Aug 2025 09:26	CG/JU	Ok
2	SSTDCCC040	BP025360.D	12 Aug 2025 10:07	CG/JU	Ok,M
3	PB169176BL	BP025361.D	12 Aug 2025 10:49	CG/JU	Ok
4	PB169176BS	BP025362.D	12 Aug 2025 11:30	CG/JU	Ok,M
5	PB169180BL	BP025363.D	12 Aug 2025 12:12	CG/JU	Ok
6	PB169180BS	BP025364.D	12 Aug 2025 12:54	CG/JU	Ok,M
7	PB169162BL	BP025365.D	12 Aug 2025 13:36	CG/JU	Ok
8	PB169162BS	BP025366.D	12 Aug 2025 14:17	CG/JU	Ok,M
9	PB169162BSD	BP025367.D	12 Aug 2025 14:59	CG/JU	Ok,M
10	PB169149TB	BP025368.D	12 Aug 2025 15:40	CG/JU	Ok
11	Q2798-01	BP025369.D	12 Aug 2025 16:37	CG/JU	Ok
12	Q2808-01	BP025370.D	12 Aug 2025 17:19	CG/JU	Ok,M
13	Q2818-01	BP025371.D	12 Aug 2025 18:00	CG/JU	Ok
14	Q2818-02	BP025372.D	12 Aug 2025 18:42	CG/JU	Ok
15	Q2827-01	BP025373.D	12 Aug 2025 19:23	CG/JU	Ok,M
16	Q2827-05	BP025374.D	12 Aug 2025 20:05	CG/JU	Dilution
17	Q2823-01	BP025375.D	12 Aug 2025 20:46	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081325

Review By	Rahul	Review On	8/14/2025 10:15:11 AM				
Supervise By	Jagrut	Supervise On	8/14/2025 2:29:41 PM				
SubDirectory	BP081325	HP Acquire Method	BNA_P		HP Processing Method	bp080525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025376.D	13 Aug 2025 09:10	CG/JU	Ok
2	SSTDCCC040	BP025377.D	13 Aug 2025 09:51	CG/JU	Ok,M
3	PB169210BL	BP025378.D	13 Aug 2025 10:32	CG/JU	Ok
4	PB169210BS	BP025379.D	13 Aug 2025 11:14	CG/JU	Not Ok
5	Q2820-02	BP025380.D	13 Aug 2025 11:59	CG/JU	Ok
6	Q2820-05	BP025381.D	13 Aug 2025 12:41	CG/JU	Ok,M
7	Q2820-06	BP025382.D	13 Aug 2025 13:22	CG/JU	Ok,M
8	Q2820-08	BP025383.D	13 Aug 2025 14:04	CG/JU	Ok
9	Q2820-09	BP025384.D	13 Aug 2025 14:46	CG/JU	Ok
10	Q2820-04	BP025385.D	13 Aug 2025 15:27	CG/JU	Ok
11	Q2820-01	BP025386.D	13 Aug 2025 16:09	CG/JU	ReRun
12	Q2820-03	BP025387.D	13 Aug 2025 16:50	CG/JU	Ok
13	Q2820-07	BP025388.D	13 Aug 2025 17:32	CG/JU	ReRun
14	SSTDCCC040	BP025389.D	13 Aug 2025 18:13	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025390.D	14 Aug 2025 10:30	CG/JU	Ok
2	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	CG/JU	Not Ok
3	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33	CG/JU	Ok
4	SSTDICC005	BP025393.D	14 Aug 2025 13:15	CG/JU	Ok,M
5	SSTDICC010	BP025394.D	14 Aug 2025 13:56	CG/JU	Ok,M
6	SSTDICC020	BP025395.D	14 Aug 2025 14:38	CG/JU	Ok,M
7	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	CG/JU	Ok,M
8	SSTDICC050	BP025397.D	14 Aug 2025 16:01	CG/JU	Ok,M
9	SSTDICC060	BP025398.D	14 Aug 2025 16:42	CG/JU	Ok
10	SSTDICC080	BP025399.D	14 Aug 2025 17:24	CG/JU	Ok,M
11	SSTDICV040	BP025400.D	14 Aug 2025 18:05	CG/JU	Ok,M
12	PB169200TB	BP025401.D	14 Aug 2025 19:28	CG/JU	Ok
13	PB169210BS	BP025402.D	14 Aug 2025 20:10	CG/JU	Ok,M
14	SSTDCCC040	BP025403.D	14 Aug 2025 20:51	CG/JU	Ok,M
15	DFTPP	BP025404.D	14 Aug 2025 22:14	CG/JU	Ok
16	SSTDCCC040	BP025405.D	14 Aug 2025 22:56	CG/JU	Ok,M
17	PB169228BL	BP025406.D	14 Aug 2025 23:37	CG/JU	Ok
18	PB169228BS	BP025407.D	15 Aug 2025 00:18	CG/JU	Ok,M
19	Q2820-10	BP025408.D	15 Aug 2025 01:00	CG/JU	Ok
20	Q2820-11	BP025409.D	15 Aug 2025 01:41	CG/JU	Ok
21	Q2820-21	BP025410.D	15 Aug 2025 02:22	CG/JU	ReRun

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2820-22	BP025411.D	15 Aug 2025 03:03	CG/JU	ReRun
23	Q2820-14	BP025412.D	15 Aug 2025 03:45	CG/JU	Ok
24	Q2820-16	BP025413.D	15 Aug 2025 04:26	CG/JU	Ok
25	Q2820-17	BP025414.D	15 Aug 2025 05:07	CG/JU	Ok
26	Q2820-17MS	BP025415.D	15 Aug 2025 05:48	CG/JU	Ok,M
27	Q2820-17MSD	BP025416.D	15 Aug 2025 06:29	CG/JU	Ok,M
28	Q2820-18	BP025417.D	15 Aug 2025 07:10	CG/JU	Ok
29	Q2820-19	BP025418.D	15 Aug 2025 07:51	CG/JU	ReRun
30	Q2820-20	BP025419.D	15 Aug 2025 08:32	CG/JU	ReRun
31	SSTDCCC040	BP025420.D	15 Aug 2025 09:13	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM		
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM		
SubDirectory	BF081225	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/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	BF143342.D	12 Aug 2025 08:34		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143343.D	12 Aug 2025 09:03		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143344.D	12 Aug 2025 09:34		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143345.D	12 Aug 2025 10:04		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143346.D	12 Aug 2025 10:35		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF143347.D	12 Aug 2025 11:06	Compound #26,41,48,51,56,57,65,70,80,84, 85 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF143348.D	12 Aug 2025 11:37	Compound #32,54 kept on QR	RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143349.D	12 Aug 2025 12:07		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143350.D	12 Aug 2025 12:38	Compound#09 removed from 80 ppm	RC/JU	Ok
10	SSTDICV040	ICVBF081225	BF143351.D	12 Aug 2025 13:52		RC/JU	Ok
11	PB169189BL	PB169189BL	BF143352.D	12 Aug 2025 14:22		RC/JU	Ok
12	PB169189BS	PB169189BS	BF143353.D	12 Aug 2025 14:53	Compound#44,51,59,62,74 failing high	RC/JU	Ok,M
13	Q2807-02	COMP-5	BF143354.D	12 Aug 2025 15:33		RC/JU	Ok,M
14	Q2807-01	COMP-4	BF143355.D	12 Aug 2025 16:02		RC/JU	Ok
15	Q2807-03	COMP-6	BF143356.D	12 Aug 2025 16:32		RC/JU	Ok,M
16	Q2807-03MS	COMP-6MS	BF143357.D	12 Aug 2025 17:02		RC/JU	Ok
17	Q2807-03MSD	COMP-6MSD	BF143358.D	12 Aug 2025 17:32		RC/JU	Ok,M

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM		
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM		
SubDirectory	BF081225	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2830-07	BIN0009-DRIVEWAY-T	BF143359.D	12 Aug 2025 18:02		RC/JU	Ok
19	Q2830-01	BIN0009-DRIVEWAY-T	BF143360.D	12 Aug 2025 18:32		RC/JU	Ok
20	Q2830-03	BIN0009-DRIVEWAY-T	BF143361.D	12 Aug 2025 19:02		RC/JU	Ok
21	Q2830-05	BIN0009-DRIVEWAY-T	BF143362.D	12 Aug 2025 19:32		RC/JU	Ok
22	Q2831-01	VNJ-238	BF143363.D	12 Aug 2025 20:02		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081325

Review By	Rahul	Review On	8/14/2025 10:13:42 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 12:47:02 PM		
SubDirectory	BF081325	HP Acquire Method	BNA_F	HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/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	BF143364.D	13 Aug 2025 08:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143365.D	13 Aug 2025 10:00		RC/JU	Ok
3	PB169210BL	PB169210BL	BF143366.D	13 Aug 2025 10:30		RC/JU	Ok
4	Q2830-05MS	BIN0009-DRIVEWAY-T	BF143367.D	13 Aug 2025 11:12		RC/JU	Ok,M
5	Q2830-05MSD	BIN0009-DRIVEWAY-T	BF143368.D	13 Aug 2025 11:42		RC/JU	Ok,M
6	Q2808-04	TP-7	BF143369.D	13 Aug 2025 12:12		RC/JU	Ok
7	Q2808-04MS	TP-7MS	BF143370.D	13 Aug 2025 12:42		RC/JU	Ok,M
8	Q2808-04MSD	TP-7MSD	BF143371.D	13 Aug 2025 13:12		RC/JU	Ok,M
9	Q2827-04	TP-8	BF143372.D	13 Aug 2025 13:42		RC/JU	Ok
10	Q2827-08	TP-9	BF143373.D	13 Aug 2025 14:11		RC/JU	Ok,M
11	Q2831-03	VNJ-238	BF143374.D	13 Aug 2025 14:42		RC/JU	Ok,M
12	SSTDCCC040	SSTDCCC040EC	BF143375.D	13 Aug 2025 15:41		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP080525

Review By	Rahul	Review On	8/6/2025 10:18:45 AM		
Supervise By	Jagrut	Supervise On	8/6/2025 10:58:08 AM		
SubDirectory	BP080525	HP Acquire Method	BNA_P	HP Processing Method	bp080525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13169,10ul/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	BP025297.D	05 Aug 2025 11:21		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025298.D	05 Aug 2025 12:03		CG/JU	Ok
3	SSTDICC005	SSTDICC005	BP025299.D	05 Aug 2025 12:44		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025300.D	05 Aug 2025 13:25		CG/JU	Ok
5	SSTDICC020	SSTDICC020	BP025301.D	05 Aug 2025 14:06		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025302.D	05 Aug 2025 14:47	Compound #26,48,57 kept on LR & Compound #32,54,65 kept on QR	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025303.D	05 Aug 2025 15:28		CG/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP025304.D	05 Aug 2025 16:10		CG/JU	Ok
9	SSTDICC080	SSTDICC080	BP025305.D	05 Aug 2025 16:51		CG/JU	Ok,M
10	SSTDICV040	ICVBP080525	BP025306.D	05 Aug 2025 17:32		CG/JU	Ok,M
11	PB169079TB	PB169079TB	BP025307.D	05 Aug 2025 18:54		CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081225

Review By	Rahul	Review On	8/13/2025 11:12:01 AM		
Supervise By	Jagrut	Supervise On	8/13/2025 11:24:57 AM		
SubDirectory	BP081225	HP Acquire Method	BNA_P	HP Processing Method	bp080525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/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	BP025359.D	12 Aug 2025 09:26		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025360.D	12 Aug 2025 10:07		CG/JU	Ok,M
3	PB169176BL	PB169176BL	BP025361.D	12 Aug 2025 10:49		CG/JU	Ok
4	PB169176BS	PB169176BS	BP025362.D	12 Aug 2025 11:30		CG/JU	Ok,M
5	PB169180BL	PB169180BL	BP025363.D	12 Aug 2025 12:12		CG/JU	Ok
6	PB169180BS	PB169180BS	BP025364.D	12 Aug 2025 12:54		CG/JU	Ok,M
7	PB169162BL	PB169162BL	BP025365.D	12 Aug 2025 13:36		CG/JU	Ok
8	PB169162BS	PB169162BS	BP025366.D	12 Aug 2025 14:17		CG/JU	Ok,M
9	PB169162BSD	PB169162BSD	BP025367.D	12 Aug 2025 14:59		CG/JU	Ok,M
10	PB169149TB	PB169149TB	BP025368.D	12 Aug 2025 15:40		CG/JU	Ok
11	Q2798-01	TP-6	BP025369.D	12 Aug 2025 16:37		CG/JU	Ok
12	Q2808-01	TP-7	BP025370.D	12 Aug 2025 17:19		CG/JU	Ok,M
13	Q2818-01	B-2-5-1	BP025371.D	12 Aug 2025 18:00		CG/JU	Ok
14	Q2818-02	B-3-5-2	BP025372.D	12 Aug 2025 18:42		CG/JU	Ok
15	Q2827-01	TP-8	BP025373.D	12 Aug 2025 19:23		CG/JU	Ok,M
16	Q2827-05	TP-9	BP025374.D	12 Aug 2025 20:05	Need further 5X.	CG/JU	Dilution
17	Q2823-01	SU-04-081125	BP025375.D	12 Aug 2025 20:46		CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081325

Review By	Rahul	Review On	8/14/2025 10:15:11 AM		
Supervise By	Jagrut	Supervise On	8/14/2025 2:29:41 PM		
SubDirectory	BP081325	HP Acquire Method	BNA_P	HP Processing Method	bp080525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/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	BP025376.D	13 Aug 2025 09:10		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025377.D	13 Aug 2025 09:51		CG/JU	Ok,M
3	PB169210BL	PB169210BL	BP025378.D	13 Aug 2025 10:32		CG/JU	Ok
4	PB169210BS	PB169210BS	BP025379.D	13 Aug 2025 11:14	1,4-Dioxane recovery low for DOD	CG/JU	Not Ok
5	Q2820-02	82H-W	BP025380.D	13 Aug 2025 11:59		CG/JU	Ok
6	Q2820-05	518R-E	BP025381.D	13 Aug 2025 12:41		CG/JU	Ok,M
7	Q2820-06	518R-N	BP025382.D	13 Aug 2025 13:22		CG/JU	Ok,M
8	Q2820-08	518R-W	BP025383.D	13 Aug 2025 14:04		CG/JU	Ok
9	Q2820-09	705R-S	BP025384.D	13 Aug 2025 14:46		CG/JU	Ok
10	Q2820-04	SOIL-DUP-1	BP025385.D	13 Aug 2025 15:27		CG/JU	Ok
11	Q2820-01	82H-S	BP025386.D	13 Aug 2025 16:09	Surrogate Fail	CG/JU	ReRun
12	Q2820-03	82H-N	BP025387.D	13 Aug 2025 16:50		CG/JU	Ok
13	Q2820-07	518R-S	BP025388.D	13 Aug 2025 17:32	Surrogate Fail	CG/JU	ReRun
14	SSTDCCC040	SSTDCCC040EC	BP025389.D	13 Aug 2025 18:13		CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/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	BP025390.D	14 Aug 2025 10:30		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025393.D	14 Aug 2025 13:15		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025394.D	14 Aug 2025 13:56		CG/JU	Ok,M
6	SSTDICC020	SSTDICC020	BP025395.D	14 Aug 2025 14:38		CG/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	Benzidine failed in the Calibration Method.	CG/JU	Ok,M
8	SSTDICC050	SSTDICC050	BP025397.D	14 Aug 2025 16:01		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025398.D	14 Aug 2025 16:42		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025399.D	14 Aug 2025 17:24		CG/JU	Ok,M
11	SSTDICV040	ICVBP081425	BP025400.D	14 Aug 2025 18:05		CG/JU	Ok,M
12	PB169200TB	PB169200TB	BP025401.D	14 Aug 2025 19:28		CG/JU	Ok
13	PB169210BS	PB169210BS	BP025402.D	14 Aug 2025 20:10		CG/JU	Ok,M
14	SSTDCCC040	SSTDCCC040EC	BP025403.D	14 Aug 2025 20:51		CG/JU	Ok,M
15	DFTPP	DFTPP	BP025404.D	14 Aug 2025 22:14		CG/JU	Ok
16	SSTDCCC040	SSTDCCC040	BP025405.D	14 Aug 2025 22:56		CG/JU	Ok,M
17	PB169228BL	PB169228BL	BP025406.D	14 Aug 2025 23:37		CG/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB169228BS	PB169228BS	BP025407.D	15 Aug 2025 00:18		CG/JU	Ok,M
19	Q2820-10	SOIL-DUP-2	BP025408.D	15 Aug 2025 01:00		CG/JU	Ok
20	Q2820-11	10PC-W	BP025409.D	15 Aug 2025 01:41		CG/JU	Ok
21	Q2820-21	22M-N	BP025410.D	15 Aug 2025 02:22	Surrogate Fail	CG/JU	ReRun
22	Q2820-22	22M-W	BP025411.D	15 Aug 2025 03:03	Surrogate Fail	CG/JU	ReRun
23	Q2820-14	10P-E	BP025412.D	15 Aug 2025 03:45		CG/JU	Ok
24	Q2820-16	10P-N	BP025413.D	15 Aug 2025 04:26		CG/JU	Ok
25	Q2820-17	88H-E	BP025414.D	15 Aug 2025 05:07		CG/JU	Ok
26	Q2820-17MS	88H-EMS	BP025415.D	15 Aug 2025 05:48		CG/JU	Ok,M
27	Q2820-17MSD	88H-EMSD	BP025416.D	15 Aug 2025 06:29		CG/JU	Ok,M
28	Q2820-18	88H-N	BP025417.D	15 Aug 2025 07:10		CG/JU	Ok
29	Q2820-19	88H-W	BP025418.D	15 Aug 2025 07:51	Surrogate fail	CG/JU	ReRun
30	Q2820-20	88H-S	BP025419.D	15 Aug 2025 08:32	Surrogate Fail	CG/JU	ReRun
31	SSTDCCC040	SSTDCCC040EC	BP025420.D	15 Aug 2025 09:13		CG/JU	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/12/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 08/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 08/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136776

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
Q2817-01	LEAD-PAINT-CHIPS	1	1.00	1.00	2.00	2.00	100.0	LEAD-PAINT-CHIPS
Q2818-01	B-2-5-1	2	1.15	10.59	11.74	10.42	87.5	
Q2818-02	B-3-5-2	3	1.16	10.66	11.82	10.66	89.1	
Q2823-01	SU-04-081125	4	1.13	10.70	11.83	11.11	93.3	
Q2823-02	SU-04-081125-E2	5	1.14	11.10	12.24	11.34	91.9	
Q2826-01	WC1	6	1.18	10.81	11.99	10.7	88.1	
Q2827-01	TP-8	7	1.16	11.41	12.57	7.33	54.1	
Q2827-02	TP-8-EPH	8	1.16	10.21	11.37	7.68	63.9	
Q2827-03	TP-8-VOC	9	1.18	10.87	12.05	9.22	74.0	
Q2827-05	TP-9	10	1.19	10.61	11.8	9.66	79.8	
Q2827-06	TP-9-EPH	11	1.16	10.06	11.22	8.93	77.2	
Q2827-07	TP-9-VOC	12	1.15	10.48	11.63	9.59	80.5	
Q2828-01	POWDER	13	1.19	10.32	11.51	11.45	99.4	
Q2829-01	SILICA	14	1.00	1.00	2.00	2.00	100.0	silica
Q2830-01	BIN0009-DRIVEWAY-TP-SOUTH-EAST	15	1.18	10.57	11.75	10.37	86.9	
Q2830-02	BIN0009-DRIVEWAY-TP-SOUTH-EAST	16	1.18	10.03	11.21	9.83	86.2	
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	17	1.18	10.74	11.92	10.37	85.6	
Q2830-04	BIN0009-DRIVEWAY-TP-WEST	18	1.15	10.59	11.74	10.21	85.6	
Q2830-05	BIN0009-DRIVEWAY-TP-WESTSIDE	19	1.19	10.46	11.65	9.66	81.0	
Q2830-06	BIN0009-DRIVEWAY-TP-WESTSIDE	20	1.15	10.94	12.09	9.36	75.0	
Q2830-07	BIN0009-DRIVEWAY-TP-EASTSIDE	21	1.18	10.48	11.66	9.22	76.7	
Q2830-08	BIN0009-DRIVEWAY-TP-EASTSIDE	22	1.19	10.66	11.85	9.67	79.5	
Q2831-01	VNJ-238	23	1.18	10.59	11.77	11.04	93.1	
Q2831-02	VNJ-238-VOC	24	1.19	10.62	11.81	11.04	92.7	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/12/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 08/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 08/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136776

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

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB136776

WorkList Name : %1-081125 **WorkList ID :** 191189 **Department :** Wet-Chemistry **Date :** 08-11-2025 08:22:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2817-01	LEAD-PAINT-CHIPS	Solid	Percent Solids	Cool 4 deg C	HOME01	D31	08/11/2025	Chemtech -SO
Q2818-01	B-2-5-1	Solid	Percent Solids	Cool 4 deg C	EARTH03	J21	08/11/2025	Chemtech -SO
Q2818-02	B-3-5-2	Solid	Percent Solids	Cool 4 deg C	EARTH03	J21	08/11/2025	Chemtech -SO
Q2823-01	SU-04-081125	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/11/2025	Chemtech -SO
Q2823-02	SU-04-081125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/11/2025	Chemtech -SO
Q2826-01	WC1	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	08/11/2025	Chemtech -SO
Q2827-01	TP-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2827-02	TP-8-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2827-03	TP-8-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2827-05	TP-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2827-06	TP-9-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2827-07	TP-9-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2828-01	POWDER	Solid	Percent Solids	Cool 4 deg C	VIVA01	D21	08/11/2025	Chemtech -SO
Q2829-01	SILICA	Solid	Percent Solids	Cool 4 deg C	VIVA01	D21	08/11/2025	Chemtech -SO
Q2830-01	BIN009-DRIVEWAY-TP-SOUTH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-02	BIN009-DRIVEWAY-TP-SOUTH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-03	BIN009-DRIVEWAY-TP-WEST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-04	BIN009-DRIVEWAY-TP-WEST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-05	BIN009-DRIVEWAY-TP-WESTS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-06	BIN009-DRIVEWAY-TP-WESTS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-07	BIN009-DRIVEWAY-TP-EASTS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO

Date/Time 08.11.25 15:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 08.11.25 17:20

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB136776

WorkList Name : %1-081125 **WorkList ID :** 191189 **Department :** Wet-Chemistry **Date :** 08-11-2025 08:22:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2830-08	BIN009-DRIVEWAY-TP-EASTS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2831-01	VNJ-238	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/11/2025	Chemtech -SO
Q2831-02	VNJ-238-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/11/2025	Chemtech -SO

Date/Time 08.11.25 15:10
Raw Sample Received by:
Raw Sample Relinquished by:

Date/Time 08.11.25 17:20
Raw Sample Received by:
Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169210

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/12/2025
Matrix :	Solid			**Extraction Start Time :**	09:15
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	08/12/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:15
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2632
Sand	N/A	E3951
Methylene Chloride	N/A	E3954
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/12/25	RS (Ext-lab)	RC/SVOC
13:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169210

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 08/12/2025

Sample ID	Client Sample ID	Test	(g) mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169210BL	SBLK210	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1			U1-1
PB169210BS	SLCS210	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPESH	1			2
Q2818-01	B-2-5-1	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1	B		3
Q2818-02	B-3-5-2	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPESH	1	B		4
Q2820-01	82H-S	SVOC-TCL BNA -20	30.01	N/A	ritesh	RUPESH	1	E		5
Q2820-02	82H-W	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPESH	1	E		6
Q2820-03	82H-N	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1	E		U2-1
Q2820-04	SOIL-DUP-1	SVOC-TCL BNA -20	30.06	N/A	ritesh	RUPESH	1	E		2
Q2820-05	518R-E	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPESH	1	E		3
Q2820-06	518R-N	SVOC-TCL BNA -20	30.07	N/A	ritesh	RUPESH	1	E		4
Q2820-07	518R-S	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1	E		5
Q2820-08	518R-W	SVOC-TCL BNA -20	30.08	N/A	ritesh	RUPESH	1	E		6
Q2820-09	705R-S	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPESH	1	E		U3-1
Q2823-01	SU-04-081125	SVOC-TCL BNA -20	50.06	N/A	ritesh	RUPESH	1	E		2
Q2826-01	WC1	SVOCMS Group1	30.03	N/A	ritesh	RUPESH	1			3
Q2827-01	TP-8	SVOC-TCL BNA -20	50.05	N/A	ritesh	RUPESH	1	E		4
Q2827-05	TP-9	SVOC-TCL BNA -20	50.01	N/A	ritesh	RUPESH	1	E	Gasoline Smell	5
Q2830-01	BIN0009-DRIVEWAY-TP-SOUTH-EAST	SVOC-TCL BNA -20	50.04	N/A	ritesh	RUPESH	1	E		6
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	SVOC-TCL BNA -20	50.09	N/A	ritesh	RUPESH	1	E		U6-1
Q2830-05	BIN0009-DRIVEWAY-TP-WESTSIDE	SVOC-TCL BNA -20	50.06	N/A	ritesh	RUPESH	1	E		2
Q2830-05MS	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SVOC-TCL BNA -20	50.01	N/A	ritesh	RUPESH	1	E		3
Q2830-05MSD	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SVOC-TCL BNA -20	50.03	N/A	ritesh	RUPESH	1	E		4
Q2830-07	BIN0009-DRIVEWAY-TP-EASTSIDE	SVOC-TCL BNA -20	50.09	N/A	ritesh	RUPESH	1	E		5
Q2831-01	VNJ-238	SVOC-TCL BNA -20	50.07	N/A	ritesh	RUPESH	1	B		6

RS 8/12

* **Extracts relinquished on the same date as received.**

169210
9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2826 **WorkList ID :** 191217 **Department :** Extraction **Date :** 08-12-2025 08:43:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2818-01	B-2-5-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03		08/11/2025	8270E
Q2818-02	B-3-5-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03		08/11/2025	8270E
Q2820-01	82H-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-02	82H-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-03	82H-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-04	SOIL-DUP-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-05	518R-E	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-06	518R-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-07	518R-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-08	518R-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-09	705R-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2823-01	SU-04-081125	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	08/11/2025	8270E
Q2826-01	WC1	Solid	SVOCMS Group1	Cool 4 deg C	GENV01	D31	08/11/2025	8270E
Q2827-01	TP-8	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2827-05	TP-9	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-01	BIN0009-DRIVEWAY-TP-SOUT	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-05	BIN0009-DRIVEWAY-TP-WEST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-07	BIN0009-DRIVEWAY-TP-EAST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2831-01	VNJ-238	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D21	08/11/2025	8270E

Date/Time 08/12/25 9:10
Raw Sample Received by: RJ (EA-Lab)
Raw Sample Relinquished by: CA

Date/Time 08/12/25 9:40
Raw Sample Received by: CA
Raw Sample Relinquished by: RJ (EA-Lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q 2818
COC Number 2047493

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: EARTH ENGINEERING INCORPORATED
ADDRESS: 403 Commerce Lane
CITY West Berlin STATE: NJ ZIP: 08091
ATTENTION: Frank Dougherty
PHONE: 856-768-1001 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Reserve @ Turgyan Farms
PROJECT NO. 38745.JO LOCATION: NJ
PROJECT MANAGER: Frank DOUGHERTY
e-mail: Frankd@earthengineering.com
PHONE: 856-768-1001 FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 3 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/TAL 2: EPH AF 3. 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	B-2-5-1	Soil		X	8-11-25	8:50	3	X	X								
2.	B-3-5-2	Soil		X	8-11-25	9:35	3	X	X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.		1 1147 8-11-25
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6 of 6 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

DP 08/16/2025

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2818 EARTH03
Client Name : Earth Engineering Inc.
Client Contact : Frank Dougherty, LSRP
Invoice Name : Earth Engineering Inc.
Invoice Contact : Frank Dougherty, LSRP

Order Date : 8/11/2025 11:57:00 AM
Project Name : ~~Leon Avenue~~ Reserve Turgyan Farms
Receive DateTime : 8/11/2025 11:47:00 AM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2818-01	B-2-5-1	Solid	08/11/2025	08:50					
					VOC-TCLVOA-10	TCL+30/TAL	8260D	3 Bus. Days	
Q2818-02	B-3-5-2	Solid	08/11/2025	09:35					
					VOC-TCLVOA-10	TCL+30/TAL	8260D	3 Bus. Days	

JAN

stored in VOA Frz #02 after preservation

Relinguished By :
Date / Time : 8-11-25 1240

Received By :
Date / Time : 8-11-25 12:40 pm

Storage Area : VOA Refridgerator Room