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

Order ID : Q2928

Project ID : Residential Soil Testing

Client : Hero Construction

Lab Sample Number	Client Sample Number
Q2928-01	27-BELL
Q2928-02	27-BELL

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: 8/29/2025

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 #: **Q2928**

	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:** **08/29/2025**

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LAB CHRONICLE

OrderID:	Q2928	**OrderDate:**	8/21/2025 12:10:14 PM
Client:	Hero Construction	**Project:**	Residential Soil Testing
Contact:	Khadija Smith	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2928-01	**27-BELL**	**SOIL**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/25/25	08/26/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2928

Client: Hero Construction

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**27-BELL**								
Q2928-01	27-BELL	SOIL	Acenaphthylene		78.000	J	33.8	200	ug/Kg
Q2928-01	27-BELL	SOIL	Phenanthrene		290.000		24.5	200	ug/Kg
Q2928-01	27-BELL	SOIL	Anthracene		110.000	J	39	200	ug/Kg
Q2928-01	27-BELL	SOIL	Fluoranthene		840.000		35.1	200	ug/Kg
Q2928-01	27-BELL	SOIL	Pyrene		750.000		42.1	200	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo(a)anthracene		480.000		26.9	200	ug/Kg
Q2928-01	27-BELL	SOIL	Chrysene		520.000		23.3	200	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo(b)fluoranthene		670.000		22.2	200	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo(k)fluoranthene		210.000		26.2	200	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo(a)pyrene		480.000		34.5	200	ug/Kg
Q2928-01	27-BELL	SOIL	Indeno(1,2,3-cd)pyrene		280.000		34	200	ug/Kg
Q2928-01	27-BELL	SOIL	Dibenzo(a,h)anthracene		89.400	J	32.1	200	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo(g,h,i)perylene		330.000		30.1	200	ug/Kg
			Total Svoc :		**5,127.40**				
Q2928-01	27-BELL	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	270.000	AB	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	4H-Cyclopenta[def]phenanthrene	*	110.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo[e]pyrene	*	510.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	Benzophenone	*	300.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	Butane, 2-methoxy-2-methyl-	*	970.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	Cyclohexadecane	*	160.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	n-Hexadecanoic acid	*	600.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	Octadecanoic acid	*	78.000	J	0	0	ug/Kg
			Total Tics :		**2,998.00**				
			Total Concentration:		**8,125.40**				

QC SUMMARY

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

SW-846

SDG No.: Q2928

Client: Hero Construction

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169370BL	PB169370BL	2-Fluorophenol	150	138	92		18	112
		Phenol-d6	150	132	88		15	107
		Nitrobenzene-d5	100	83.9	84		18	107
		2-Fluorobiphenyl	100	80.6	81		20	109
		2,4,6-Tribromophenol	150	144	96		10	116
		Terphenyl-d14	100	78.8	79		10	105
PB169370BS	PB169370BS	2-Fluorophenol	150	135	90		18	112
		Phenol-d6	150	134	89		15	107
		Nitrobenzene-d5	100	77.9	78		18	107
		2-Fluorobiphenyl	100	76.1	76		20	109
		2,4,6-Tribromophenol	150	140	93		10	116
		Terphenyl-d14	100	76.6	77		10	105
Q2928-01	27-BELL	2-Fluorophenol	150	77.8	52		18	112
		Phenol-d6	150	77.8	52		15	107
		Nitrobenzene-d5	100	48.6	49		18	107
		2-Fluorobiphenyl	100	46.5	47		20	109
		2,4,6-Tribromophenol	150	85.5	57		10	116
		Terphenyl-d14	100	44.8	45		10	105
Q2933-04MS	29-SEPTICMS	2-Fluorophenol	150	83.4	56		18	112
		Phenol-d6	150	86.5	58		15	107
		Nitrobenzene-d5	100	46.8	47		18	107
		2-Fluorobiphenyl	100	39.7	40		20	109
		2,4,6-Tribromophenol	150	81.2	54		10	116
		Terphenyl-d14	100	48.4	48		10	105
Q2933-04MSD	29-SEPTICMSD	2-Fluorophenol	150	81.5	54		18	112
		Phenol-d6	150	83.8	56		15	107
		Nitrobenzene-d5	100	46.4	46		18	107
		2-Fluorobiphenyl	100	40.4	40		20	109
		2,4,6-Tribromophenol	150	83.4	56		10	116
		Terphenyl-d14	100	46.6	47		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2928 **Analytical Method:** SW8270E

Client: Hero Construction **DataFile:** BP025565.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2933-04MS		**Client Sample ID: 29-SEPTICMS**									
Benzaldehyde	1200	0	610	ug/Kg	51				10	171	
Phenol	1200	0	1100	ug/Kg	92				51	122	
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83				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	1000	ug/Kg	83				55	128	
3+4-Methylphenols	1200	0	1000	ug/Kg	83				49	125	
N-Nitroso-di-n-propylamine	1200	0	980	ug/Kg	82				59	119	
Hexachloroethane	1200	0	1000	ug/Kg	83				51	116	
Nitrobenzene	1200	0	1000	ug/Kg	83				47	124	
Isophorone	1200	0	990	ug/Kg	83				49	127	
2-Nitrophenol	1200	0	1100	ug/Kg	92				43	131	
2,4-Dimethylphenol	1200	0	1100	ug/Kg	92				63	151	
bis(2-Chloroethoxy)methane	1200	0	1000	ug/Kg	83				51	119	
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92				50	122	
Naphthalene	1200	0	1000	ug/Kg	83				51	121	
4-Chloroaniline	1200	0	350	ug/Kg	29				10	100	
Hexachlorobutadiene	1200	0	990	ug/Kg	83				44	126	
Caprolactam	1200	0	1000	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1200	0	1000	ug/Kg	83				57	132	
2-Methylnaphthalene	1200	0	990	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	2300	0	1900	ug/Kg	83				10	175	
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92				33	141	
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92				38	135	
1,1-Biphenyl	1200	0	1000	ug/Kg	83				55	131	
2-Chloronaphthalene	1200	0	1000	ug/Kg	83				48	124	
2-Nitroaniline	1200	0	1100	ug/Kg	92				47	134	
Dimethylphthalate	1200	0	1000	ug/Kg	83				54	120	
Acenaphthylene	1200	0	1000	ug/Kg	83				57	125	
2,6-Dinitrotoluene	1200	0	1100	ug/Kg	92				48	127	
3-Nitroaniline	1200	0	600	ug/Kg	50				10	112	
Acenaphthene	1200	0	1000	ug/Kg	83				70	121	
2,4-Dinitrophenol	2300	0	2600	ug/Kg	113				10	155	
4-Nitrophenol	2300	0	2300	ug/Kg	100				10	175	
Dibenzofuran	1200	0	1000	ug/Kg	83				52	114	
2,4-Dinitrotoluene	1200	0	1100	ug/Kg	92				41	140	
Diethylphthalate	1200	0	1100	ug/Kg	92				51	119	
4-Chlorophenyl-phenylether	1200	0	1000	ug/Kg	83				48	122	
Fluorene	1200	0	1000	ug/Kg	83				53	118	
4-Nitroaniline	1200	0	1100	ug/Kg	92				29	140	
4,6-Dinitro-2-methylphenol	1200	0	1200	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92				73	118	
4-Bromophenyl-phenylether	1200	0	1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200	0	1000	ug/Kg	83				67	118	
Atrazine	1200	0	1100	ug/Kg	92				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2928 **Analytical Method:** SW8270E

Client: Hero Construction **DataFile:** BP025565.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	2200	ug/Kg	96				13	153	
Phenanthrene	1200	0	1000	ug/Kg	83				52	128	
Anthracene	1200	0	1000	ug/Kg	83				62	124	
Carbazole	1200	0	1100	ug/Kg	92				59	119	
Di-n-butylphthalate	1200	0	1100	ug/Kg	92				55	125	
Fluoranthene	1200	0	1000	ug/Kg	83				44	125	
Pyrene	1200	0	1100	ug/Kg	92				37	122	
Butylbenzylphthalate	1200	0	1100	ug/Kg	92				44	135	
3,3-Dichlorobenzidine	1200	0	580	ug/Kg	48				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	0	1100	ug/Kg	92				42	169	
Di-n-octyl phthalate	1200	0	1100	ug/Kg	92				51	156	
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92				52	117	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				57	134	
Benzo(a)pyrene	1200	0	1100	ug/Kg	92				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	1000	ug/Kg	83				52	134	
1,4-Dioxane	1200	0	900	ug/Kg	75				46	112	
2,3,4,6-Tetrachlorophenol	1200	0	1100	ug/Kg	92				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2928 **Analytical Method:** SW8270E

Client: Hero Construction **DataFile:** BP025566.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2933-04MSD		**Client Sample ID: 29-SEPTICMSD**									
Benzaldehyde	1200	0	590	ug/Kg	49		4		10	171	20
Phenol	1200	0	1100	ug/Kg	92		0		51	122	20
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83		0		54	125	20
2-Chlorophenol	1200	0	1000	ug/Kg	83		10		51	121	20
2-Methylphenol	1200	0	1000	ug/Kg	83		10		47	125	20
2,2-oxybis(1-Chloropropane)	1200	0	1000	ug/Kg	83		10		46	119	20
Acetophenone	1200	0	1000	ug/Kg	83		0		55	128	20
3+4-Methylphenols	1200	0	1000	ug/Kg	83		0		49	125	20
N-Nitroso-di-n-propylamine	1200	0	940	ug/Kg	78		5		59	119	20
Hexachloroethane	1200	0	1000	ug/Kg	83		0		51	116	20
Nitrobenzene	1200	0	1000	ug/Kg	83		0		47	124	20
Isophorone	1200	0	990	ug/Kg	83		0		49	127	20
2-Nitrophenol	1200	0	1100	ug/Kg	92		0		43	131	20
2,4-Dimethylphenol	1200	0	1100	ug/Kg	92		0		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1000	ug/Kg	83		0		51	119	20
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92		0		50	122	20
Naphthalene	1200	0	1000	ug/Kg	83		0		51	121	20
4-Chloroaniline	1200	0	330	ug/Kg	28		4		10	100	20
Hexachlorobutadiene	1200	0	990	ug/Kg	83		0		44	126	20
Caprolactam	1200	0	1000	ug/Kg	83		0		51	134	20
4-Chloro-3-methylphenol	1200	0	1000	ug/Kg	83		0		57	132	20
2-Methylnaphthalene	1200	0	990	ug/Kg	83		0		59	123	20
Hexachlorocyclopentadiene	2300	0	2000	ug/Kg	87		5		10	175	20
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92		0		33	141	20
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92		0		38	135	20
1,1-Biphenyl	1200	0	1100	ug/Kg	92		10		55	131	20
2-Chloronaphthalene	1200	0	1000	ug/Kg	83		0		48	124	20
2-Nitroaniline	1200	0	1100	ug/Kg	92		0		47	134	20
Dimethylphthalate	1200	0	1100	ug/Kg	92		10		54	120	20
Acenaphthylene	1200	0	1000	ug/Kg	83		0		57	125	20
2,6-Dinitrotoluene	1200	0	1100	ug/Kg	92		0		48	127	20
3-Nitroaniline	1200	0	590	ug/Kg	49		2		10	112	20
Acenaphthene	1200	0	1000	ug/Kg	83		0		70	121	20
2,4-Dinitrophenol	2300	0	2700	ug/Kg	117		3		10	155	20
4-Nitrophenol	2300	0	2300	ug/Kg	100		0		10	175	20
Dibenzofuran	1200	0	1000	ug/Kg	83		0		52	114	20
2,4-Dinitrotoluene	1200	0	1100	ug/Kg	92		0		41	140	20
Diethylphthalate	1200	0	1100	ug/Kg	92		0		51	119	20
4-Chlorophenyl-phenylether	1200	0	1000	ug/Kg	83		0		48	122	20
Fluorene	1200	0	1000	ug/Kg	83		0		53	118	20
4-Nitroaniline	1200	0	1100	ug/Kg	92		0		29	140	20
4,6-Dinitro-2-methylphenol	1200	0	1100	ug/Kg	92		8		10	160	20
N-Nitrosodiphenylamine	1200	0	1000	ug/Kg	83		10		73	118	20
4-Bromophenyl-phenylether	1200	0	1000	ug/Kg	83		10		65	121	20
Hexachlorobenzene	1200	0	1000	ug/Kg	83		0		67	118	20
Atrazine	1200	0	1100	ug/Kg	92		0		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2928 **Analytical Method:** SW8270E

Client: Hero Construction **DataFile:** BP025566.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	2200	ug/Kg	96	0			13	153	20
Phenanthrene	1200	0	1000	ug/Kg	83	0			52	128	20
Anthracene	1200	0	1000	ug/Kg	83	0			62	124	20
Carbazole	1200	0	1000	ug/Kg	83	10			59	119	20
Di-n-butylphthalate	1200	0	1100	ug/Kg	92	0			55	125	20
Fluoranthene	1200	0	1000	ug/Kg	83	0			44	125	20
Pyrene	1200	0	1000	ug/Kg	83	10			37	122	20
Butylbenzylphthalate	1200	0	1100	ug/Kg	92	0			44	135	20
3,3-Dichlorobenzidine	1200	0	570	ug/Kg	48	0			15	112	20
Benzo(a)anthracene	1200	0	1000	ug/Kg	83	10			53	119	20
Chrysene	1200	0	1000	ug/Kg	83	10			57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1100	ug/Kg	92	0			42	169	20
Di-n-octyl phthalate	1200	0	1100	ug/Kg	92	0			51	156	20
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92	0			52	117	20
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92	0			57	134	20
Benzo(a)pyrene	1200	0	1000	ug/Kg	83	10			70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	1000	ug/Kg	83	10			40	129	20
Dibenz(a,h)anthracene	1200	0	1100	ug/Kg	92	0			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	10			52	134	20
1,4-Dioxane	1200	0	880	ug/Kg	73	3			46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	1100	ug/Kg	92	0			24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2928 **Analytical Method:** 8270E

Client: Hero Construction **DataFile:** BP025598.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169370BS	Benzaldehyde	1700	510	ug/Kg	30				10	133	
	Phenol	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				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	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	550	ug/Kg	32				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	2400	ug/Kg	73				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	990	ug/Kg	58				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				37	128	
	4-Nitrophenol	3300	3200	ug/Kg	97				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	1600	ug/Kg	94				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	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2928 **Analytical Method:** 8270E

Client: Hero Construction **DataFile:** BP025598.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169370BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1500	ug/Kg	88				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				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	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				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	1700	ug/Kg	100				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	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169370BL

Lab Name: Alliance | Contract: HERO01

Lab Code: ACE | SDG NO.: Q2928

Lab File ID: BP025597.D | Lab Sample ID: PB169370BL

Instrument ID: BNA_P | Date Extracted: 08/25/2025

Matrix: (soil/water) SOIL | Date Analyzed: 08/27/2025

Level: (low/med) LOW | Time Analyzed: 10:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169370BS	PB169370BS	BP025598.D	08/27/2025
29-SEPTICMS	Q2933-04MS	BP025565.D	08/25/2025
29-SEPTICMSD	Q2933-04MSD	BP025566.D	08/25/2025
27-BELL	Q2928-01	BP025594.D	08/26/2025

COMMENTS:

Raw Data: **BP025390.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: HERO01

Lab Code: ACE SDG NO.: Q2928

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: HERO01

Lab Code: ACE — SDG NO.: Q2928

Lab File ID: BP025560.D — DFTPP Injection Date: 08/25/2025

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

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	30.5
70	Less than 2.0% of mass 69	0.1 (0.3) 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	6.3
365	Greater than 1% of mass 198	3.6
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	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025561.D	08/25/2025	12:13
29-SEPTICMS	Q2933-04MS	BP025565.D	08/25/2025	15:02
29-SEPTICMSD	Q2933-04MSD	BP025566.D	08/25/2025	15:43

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: HERO01

Lab Code: ACE — SDG NO.: Q2928

Lab File ID: BP025578.D — DFTPP Injection Date: 08/26/2025

Instrument ID: BNA_P — DFTPP Injection Time: 08:59

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	28.9
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	6
365	Greater than 1% of mass 198	3.4
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	19.6 (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	BP025579.D	08/26/2025	10:21
27-BELL	Q2928-01	BP025594.D	08/26/2025	20:44

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: HERO01

Lab Code: ACE SDG NO.: Q2928

Lab File ID: BP025595.D DFTPP Injection Date: 08/27/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	31.5
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	6.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (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	BP025596.D	08/27/2025	09:39
PB169370BL	PB169370BL	BP025597.D	08/27/2025	10:20
PB169370BS	PB169370BS	BP025598.D	08/27/2025	11:01

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2928

Client ID : SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

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	176050	7.766	715069	10.54	441846	14.39
	UPPER LIMIT	352100	8.266	1430140	11.037	883692	14.89
	LOWER LIMIT	88025	7.266	357535	10.037	220923	13.89
	EPA SAMPLE NO.						
01	29-SEPTICMS	205907	7.77	835934	10.55	527211	14.40
02	29-SEPTICMSD	194167	7.77	771161	10.54	477098	14.40

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.: Q2928

Client ID: SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

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	900532	17.189	945335	21.63	1072630	25.001
	UPPER LIMIT	1801060	17.689	1890670	22.13	2145260	25.501
	LOWER LIMIT	450266	16.689	472668	21.13	536315	24.501
	EPA SAMPLE NO.						
01	29-SEPTICMS	1060870	17.20	1061850	21.63	1196730	25.00
02	29-SEPTICMSD	981275	17.20	1041820	21.64	1158710	25.00

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.: Q2928

Client ID : SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

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	235051	7.778	932609	10.55	572065	14.39
	UPPER LIMIT	470102	8.278	1865220	11.049	1144130	14.89
	LOWER LIMIT	117526	7.278	466305	10.049	286033	13.89
	EPA SAMPLE NO.						
01	27-BELL	209024	7.78	844005	10.55	543820	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2928

Client ID: SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

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	1130980	17.195	1110360	21.636	1292920	24.995
	UPPER LIMIT	2261960	17.695	2220720	22.136	2585840	25.495
	LOWER LIMIT	565490	16.695	555180	21.136	646460	24.495
	EPA SAMPLE NO.						
01	27-BELL	1107950	17.20	1177880	21.64	1387700	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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2928

Client ID : SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

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	161611	7.778	681785	10.54	463868	14.40
	UPPER LIMIT	323222	8.278	1363570	11.043	927736	14.896
	LOWER LIMIT	80805.5	7.278	340893	10.043	231934	13.896
	EPA SAMPLE NO.						
01	PB169370BL	142863	7.77	561480	10.55	364523	14.40
02	PB169370BS	148040	7.78	615021	10.55	404292	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2928

Client ID: SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

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	978179	17.207	1036720	21.642	1177640	25.001
	UPPER LIMIT	1956360	17.707	2073440	22.142	2355280	25.501
	LOWER LIMIT	489090	16.707	518360	21.142	588820	24.501
	EPA SAMPLE NO.						
01	PB169370BL	819210	17.20	998187	21.65	1177190	25.02
02	PB169370BS	853901	17.19	969472	21.65	1139120	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: **BP025594.D**

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Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	27-BELL	SDG No.:	Q2928
Lab Sample ID:	Q2928-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025594.D	1	08/25/25 08:55	08/26/25 20:44	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	25.9	U	25.9	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.4	U	28.4	200	ug/Kg
95-57-8	2-Chlorophenol	28.5	U	28.5	200	ug/Kg
95-48-7	2-Methylphenol	35.0	U	35.0	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43.9	U	43.9	200	ug/Kg
98-86-2	Acetophenone	34.5	U	34.5	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.1	U	48.1	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.5	U	55.5	93.6	ug/Kg
67-72-1	Hexachloroethane	20.6	U	20.6	200	ug/Kg
98-95-3	Nitrobenzene	21.4	U	21.4	200	ug/Kg
78-59-1	Isophorone	38.4	U	38.4	200	ug/Kg
88-75-5	2-Nitrophenol	68.1	U	68.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	75.8	U	75.8	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.0	U	36.0	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.1	U	33.1	200	ug/Kg
91-20-3	Naphthalene	26.6	U	26.6	200	ug/Kg
106-47-8	4-Chloroaniline	41.4	U	41.4	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.6	U	29.6	200	ug/Kg
105-60-2	Caprolactam	61.0	U	61.0	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.6	U	33.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.0	U	30.0	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.2	U	23.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.0	U	34.0	200	ug/Kg
92-52-4	1,1-Biphenyl	25.5	U	25.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.3	U	26.3	200	ug/Kg
88-74-4	2-Nitroaniline	56.3	U	56.3	200	ug/Kg
131-11-3	Dimethylphthalate	31.7	U	31.7	200	ug/Kg

Raw Data: **BP025594.D**

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

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	27-BELL	SDG No.:	Q2928
Lab Sample ID:	Q2928-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025594.D	1	08/25/25 08:55	08/26/25 20:44	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	78.0	J	33.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.3	U	39.3	200	ug/Kg
99-09-2	3-Nitroaniline	53.8	U	53.8	200	ug/Kg
83-32-9	Acenaphthene	24.9	U	24.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	26.6	U	26.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.6	U	58.6	200	ug/Kg
84-66-2	Diethylphthalate	33.1	U	33.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.2	U	31.2	200	ug/Kg
86-73-7	Fluorene	29.6	U	29.6	200	ug/Kg
100-01-6	4-Nitroaniline	75.1	U	75.1	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.5	U	38.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.5	U	32.5	200	ug/Kg
118-74-1	Hexachlorobenzene	29.6	U	29.6	200	ug/Kg
1912-24-9	Atrazine	39.8	U	39.8	200	ug/Kg
87-86-5	Pentachlorophenol	60.0	U	60.0	390	ug/Kg
85-01-8	Phenanthrene	290		24.5	200	ug/Kg
120-12-7	Anthracene	110	J	39.0	200	ug/Kg
86-74-8	Carbazole	36.5	U	36.5	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.0	U	56.0	200	ug/Kg
206-44-0	Fluoranthene	840		35.1	200	ug/Kg
129-00-0	Pyrene	750		42.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	83.5	U	83.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42.9	U	42.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	480		26.9	200	ug/Kg
218-01-9	Chrysene	520		23.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69.3	U	69.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	670		22.2	200	ug/Kg

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Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	27-BELL	SDG No.:	Q2928
Lab Sample ID:	Q2928-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025594.D	1	08/25/25 08:55	08/26/25 20:44	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	210		26.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	480		34.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		34.0	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.4	J	32.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		30.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0	U	30.0	200	ug/Kg
123-91-1	1,4-Dioxane	52.9	U	52.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	32.1	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	77.8		18 - 112	52%	SPK: 150
13127-88-3	Phenol-d6	77.8		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.6		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.5		20 - 109	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	85.5		10 - 116	57%	SPK: 150
1718-51-0	Terphenyl-d14	44.8		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	209000	7.778			
1146-65-2	Naphthalene-d8	844000	10.549			
15067-26-2	Acenaphthene-d10	544000	14.389			
1517-22-2	Phenanthrene-d10	1110000	17.195			
1719-03-5	Chrysene-d12	1180000	21.636			
1520-96-3	Perylene-d12	1390000	25.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	970	J		3.03	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	AB		4.94	ug/Kg
000119-61-9	Benzophenone	300	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	600	J		18.1	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J		18.3	ug/Kg
000057-11-4	Octadecanoic acid	78.0	J		19.5	ug/Kg
000295-65-8	Cyclohexadecane	160	J		21.3	ug/Kg

Raw Data: **BP025594.D**

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Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	27-BELL	SDG No.:	Q2928
Lab Sample ID:	Q2928-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025594.D	1	08/25/25 08:55	08/26/25 20:44	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000192-97-2	Benzo[e]pyrene	510	J		24.7	ug/Kg

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

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

Sample Results: **BP025594.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Quant Time: Aug 27 01:04:05 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	7.778	152	209024	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	844005	20.000	ng	-0.01
39) Acenaphthene-d10	14.389	164	543820	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	1107950	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1177876	20.000	ng	-0.01
86) Perylene-d12	25.018	264	1387698	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	979361	77.810	ng	0.00
7) Phenol-d6	6.972	99	1255837	77.824	ng	0.00
23) Nitrobenzene-d5	8.919	82	810516	48.578	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	625675	85.476	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1851674	46.535	ng	-0.01
79) Terphenyl-d14	19.907	244	2887144	44.845	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.119	152	101788	2.001	ng	99
71) Phenanthrene	17.236	178	449521	7.386	ng	99
72) Anthracene	17.336	178	167691	2.698	ng	99
75) Fluoranthene	19.319	202	1569842	21.623	ng	99
78) Pyrene	19.695	202	1463678	19.118	ng	99
81) Benzo(a)anthracene	21.619	228	947450	12.197	ng	97
83) Chrysene	21.683	228	965816m	13.276	ng	
87) Indeno(1,2,3-cd)pyrene	28.865	276	743117	7.302	ng	# 90
88) Benzo(b)fluoranthene	23.948	252	1397978	17.084	ng	96
89) Benzo(k)fluoranthene	24.007	252	441415	5.391	ng	94
90) Benzo(a)pyrene	24.854	252	988740	12.413	ng	97
91) Dibenzo(a,h)anthracene	28.936	278	190610	2.292	ng	96
92) Benzo(g,h,i)perylene	30.047	276	686707	8.400	ng	99

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

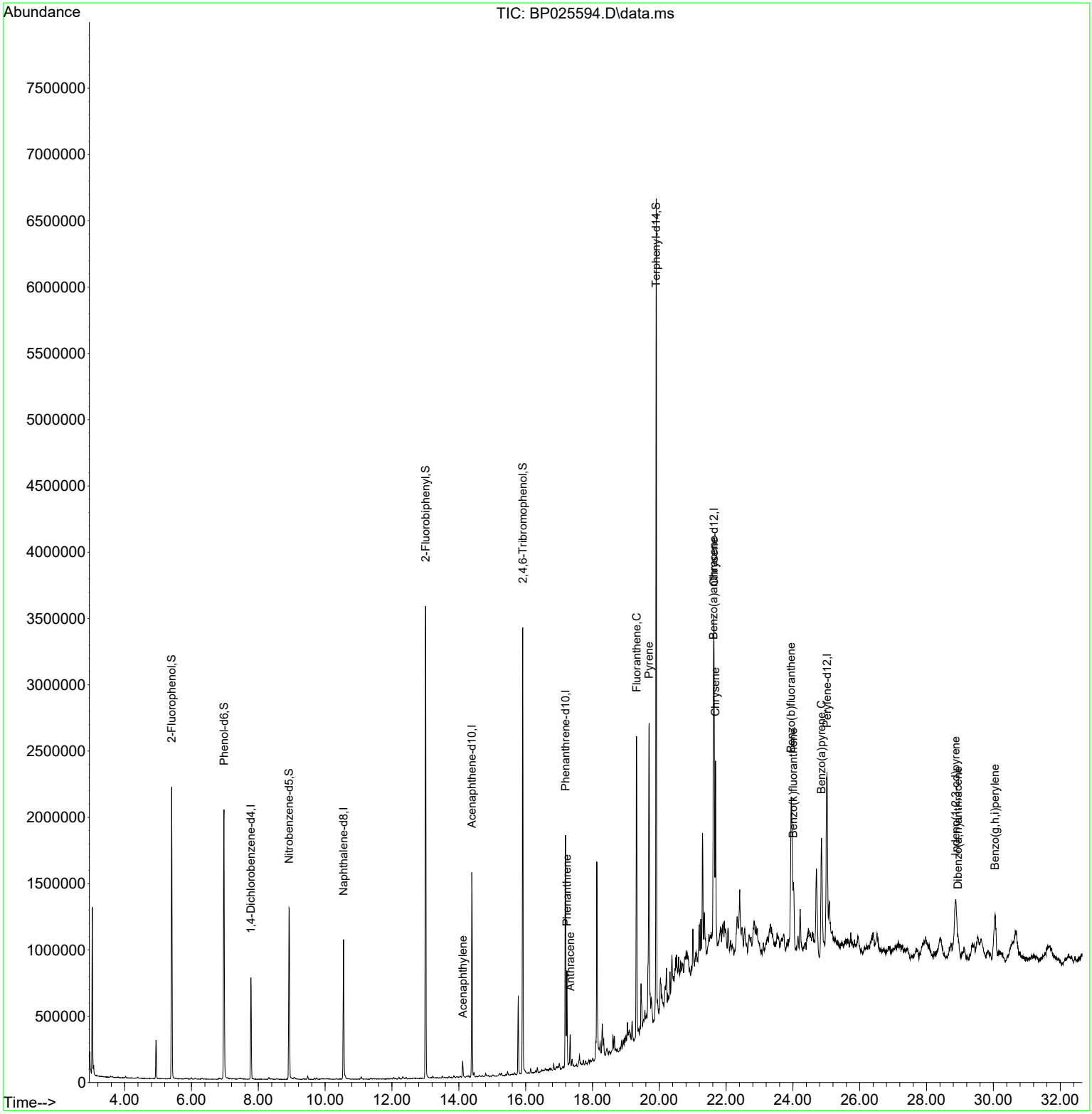
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

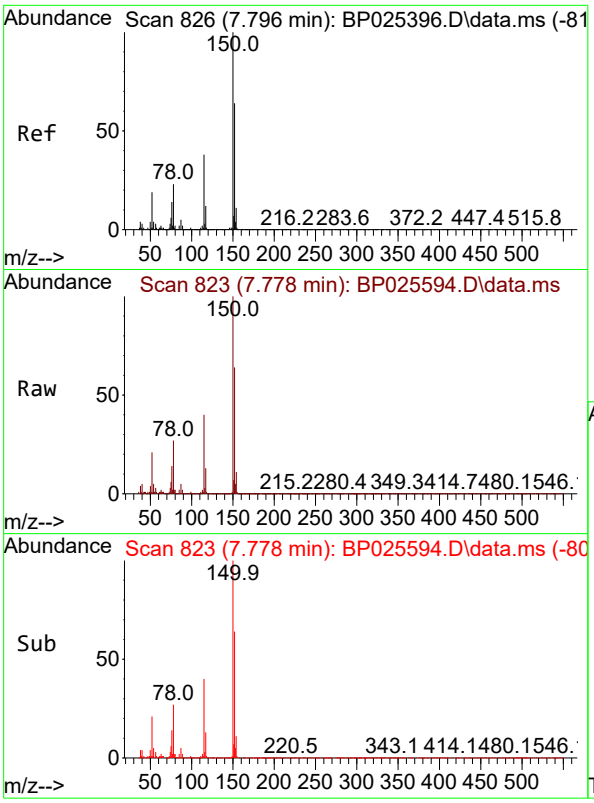
Quant Time: Aug 27 01:04:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
27-BELL

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

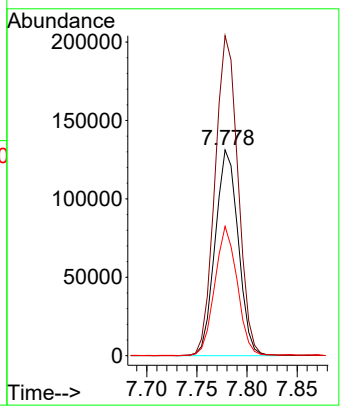




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:152 Resp: 20902

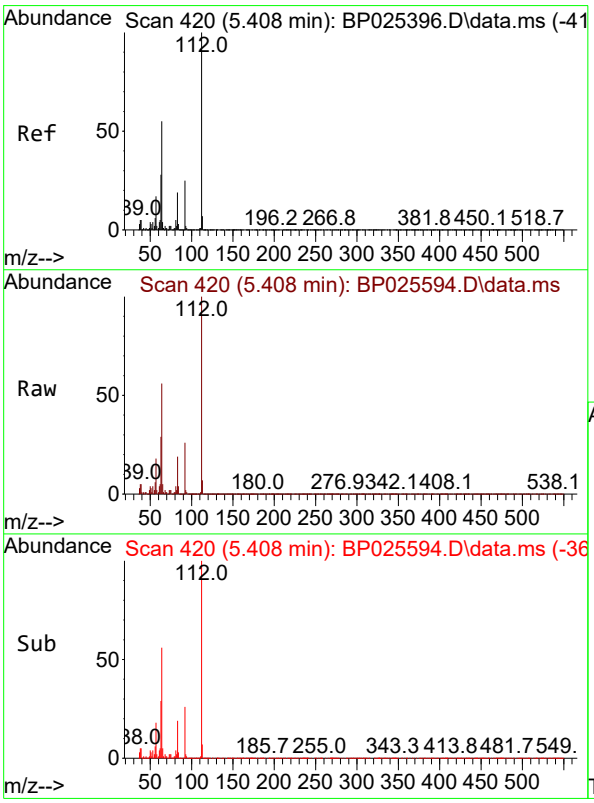
Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.9	188.9
115	62.8	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
27-BELL

Manual Integrations
APPROVED

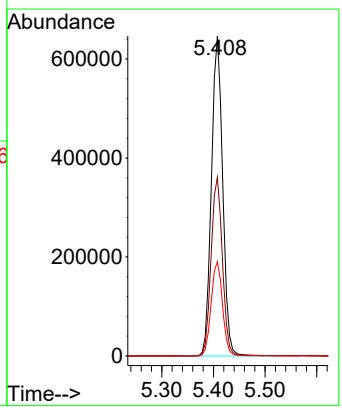
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

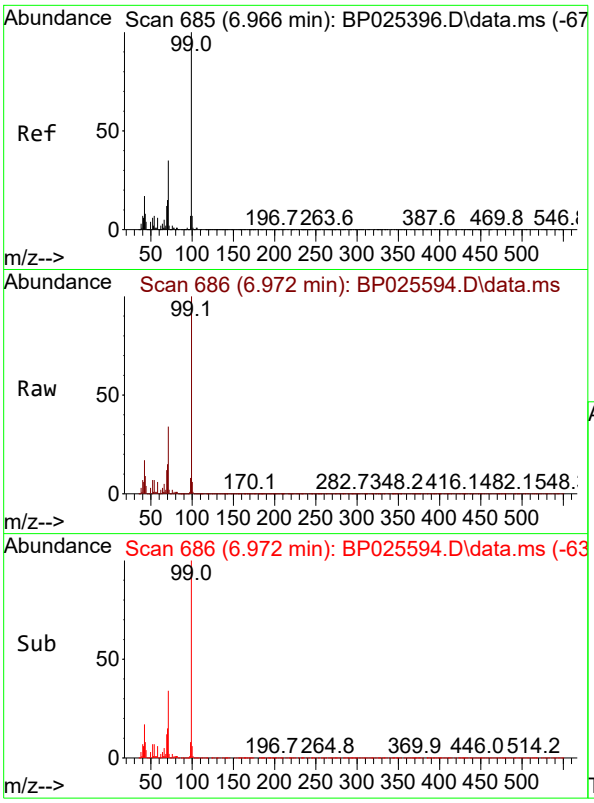


#5
2-Fluorophenol
Concen: 77.810 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:112 Resp: 979361

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.8
63	29.4	22.7	34.1

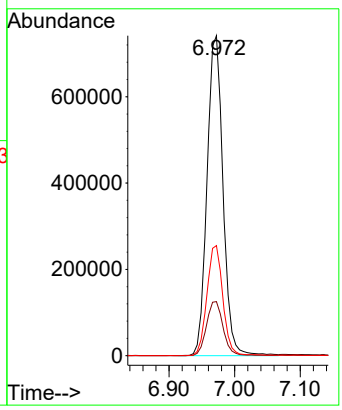




#7
Phenol-d6
Concen: 77.824 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion: 99 Resp: 125583

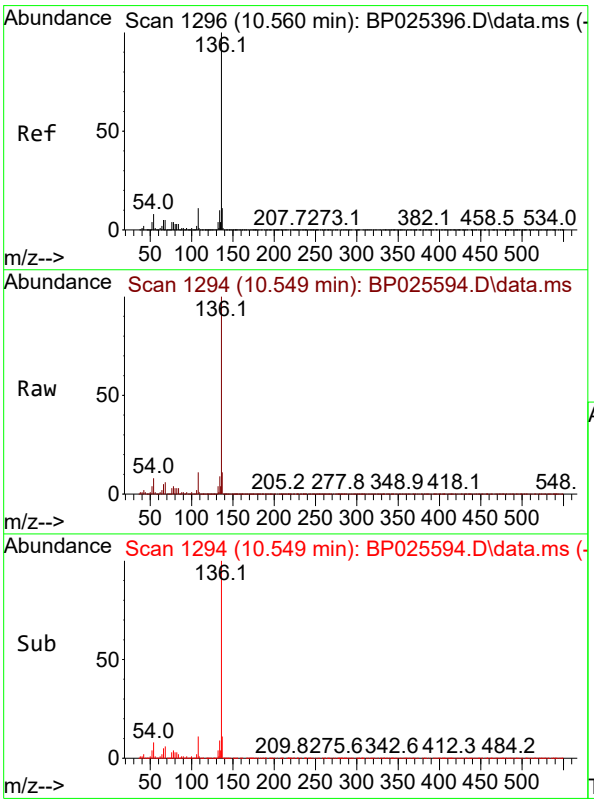
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.7	20.5
71	34.4	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
27-BELL

Manual Integrations
APPROVED

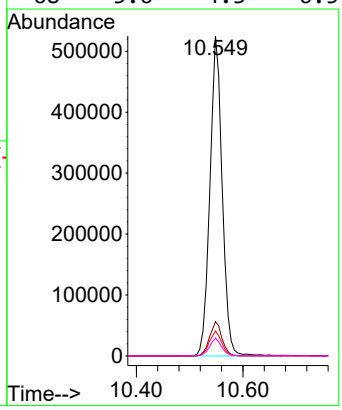
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

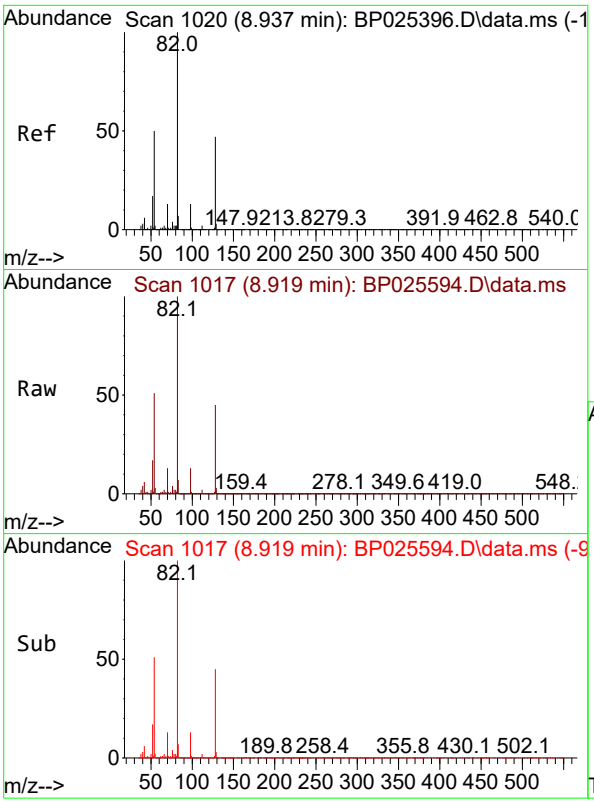


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:136 Resp: 844005

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.8	6.0	9.0
68	5.6	4.3	6.5





#23
Nitrobenzene-d5
Concen: 48.578 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

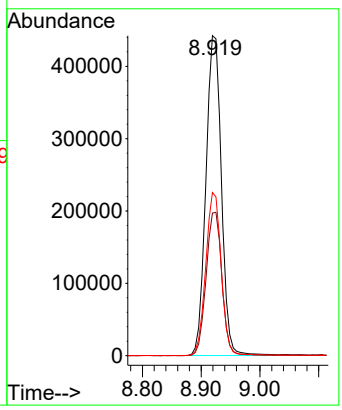
Tgt Ion: 82 Resp: 81051

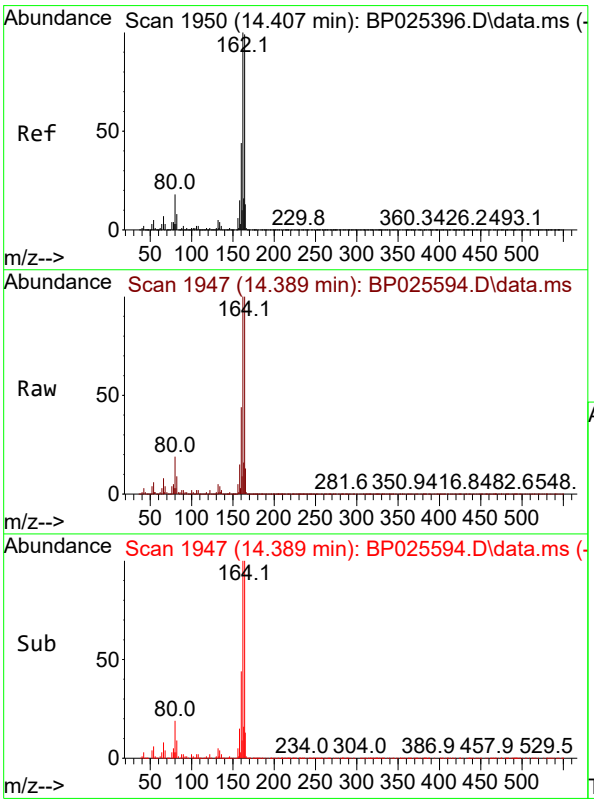
Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.7	56.5
54	51.0	39.8	59.6

Instrument :
BNA_P
ClientSampleId :
27-BELL

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

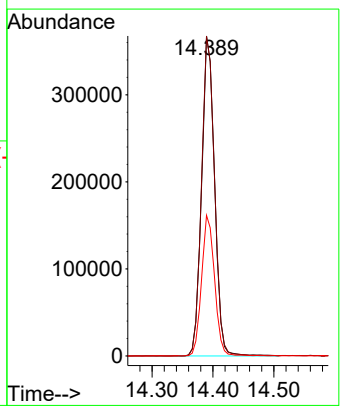


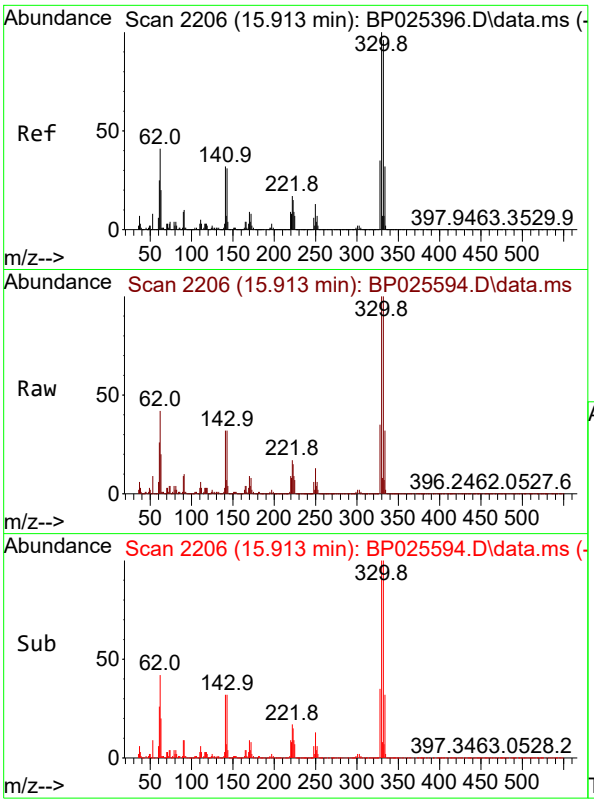


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:164 Resp: 543820

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.0	121.6
160	44.0	35.4	53.2

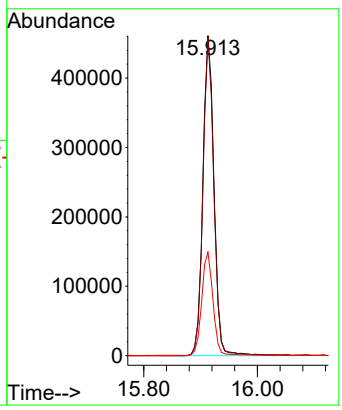




#42
2,4,6-Tribromophenol
Concen: 85.476 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:330 Resp: 62567

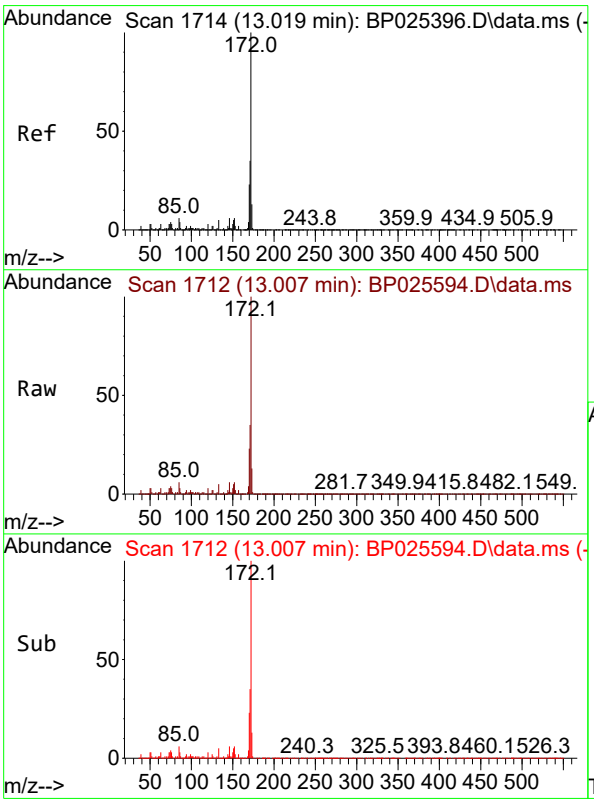
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	32.6	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
27-BELL

Manual Integrations
APPROVED

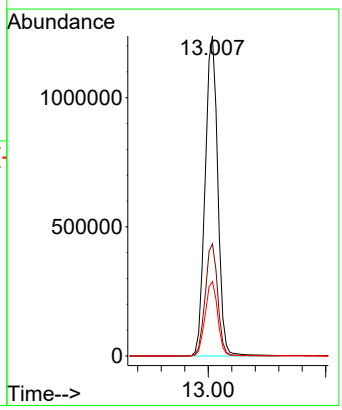
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

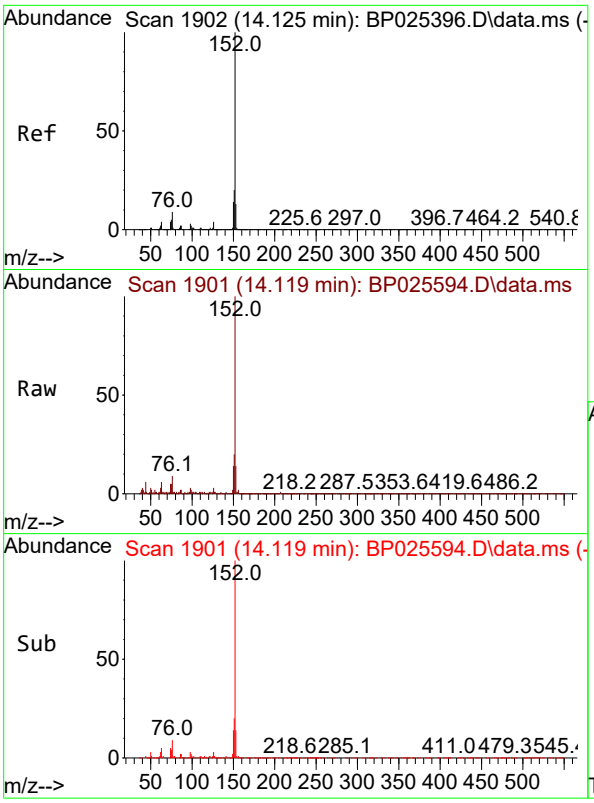


#45
2-Fluorobiphenyl
Concen: 46.535 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:172 Resp: 1851674

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.2	18.6	28.0





#49
Acenaphthylene
Concen: 2.001 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Instrument :
BNA_P
ClientSampleId :
27-BELL

Tgt Ion:152 Resp: 10178

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	14.3	10.6	15.8

Manual Integrations
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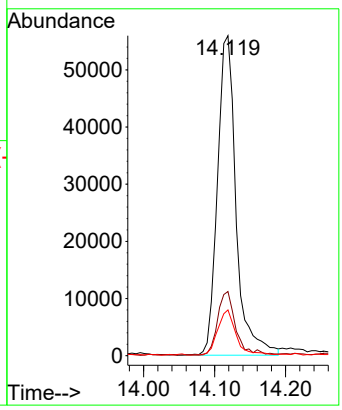
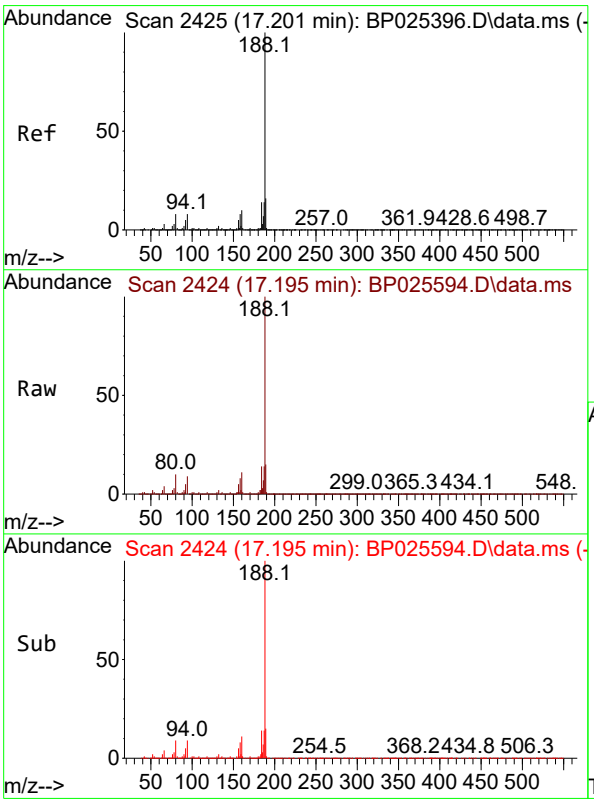
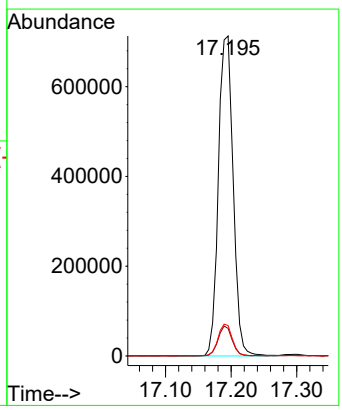


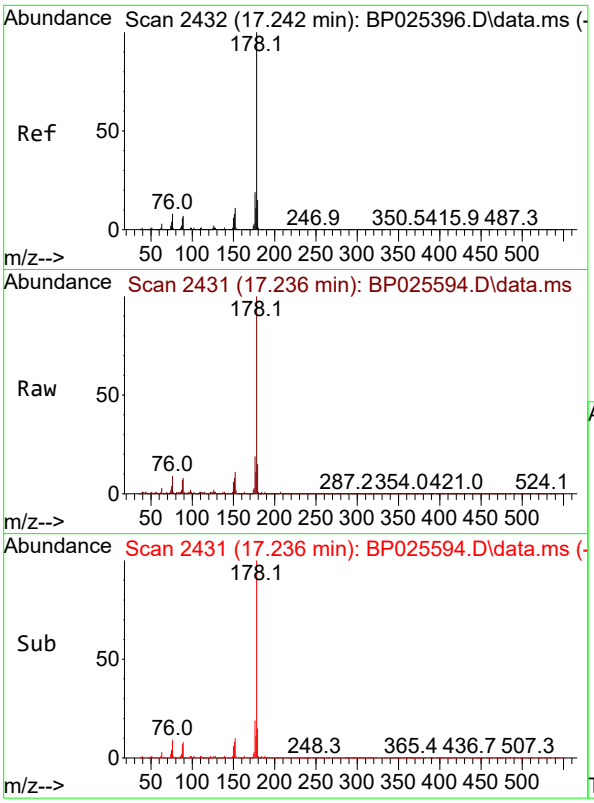


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:188 Resp: 1107950

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.5	6.7	10.1

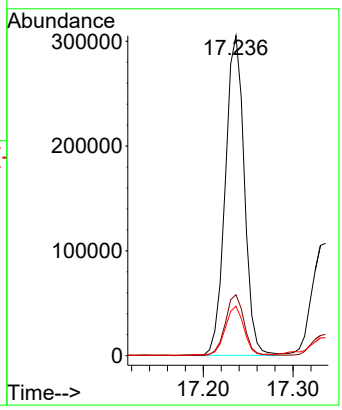




#71
Phenanthrene
Concen: 7.386 ng
RT: 17.236 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:178 Resp: 44952

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.4	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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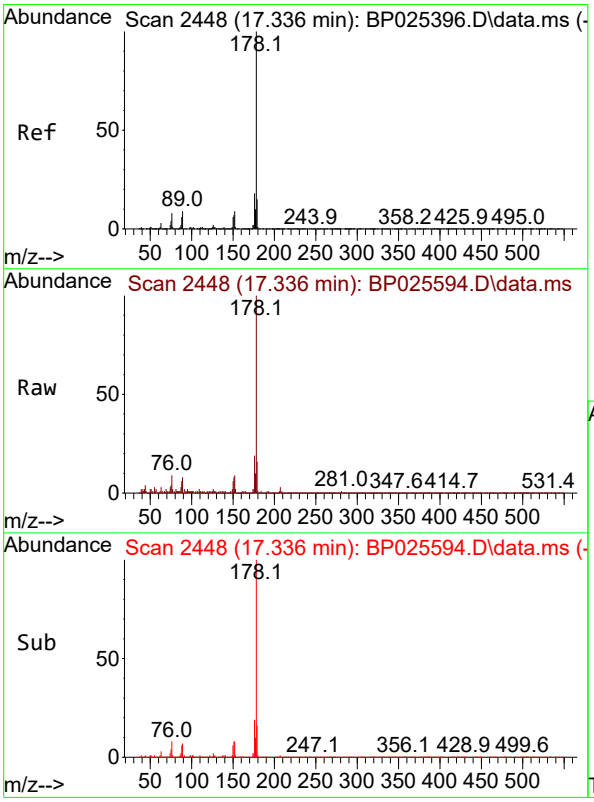
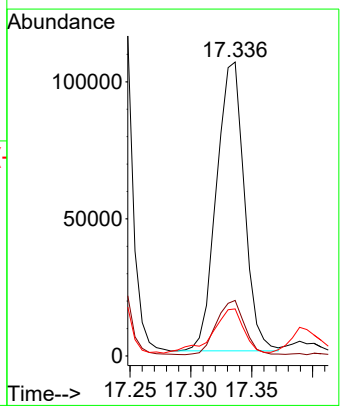
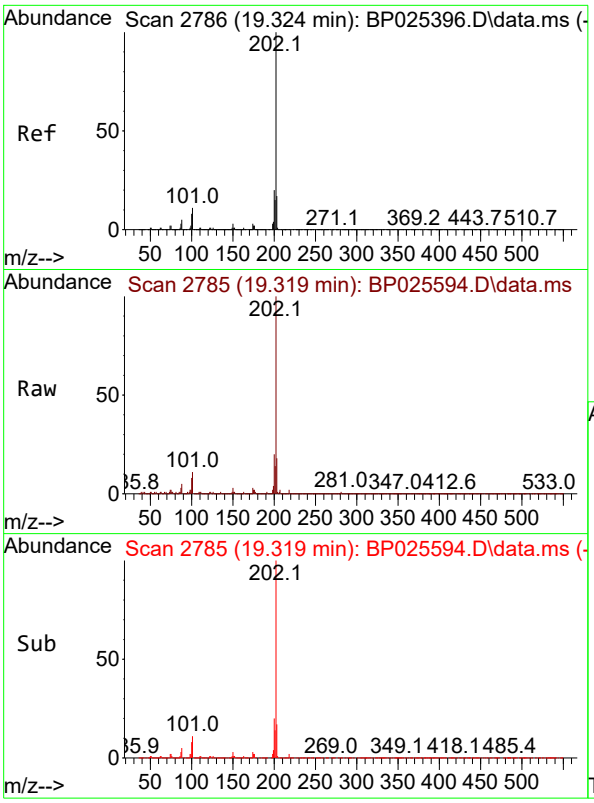


#72
Anthracene
Concen: 2.698 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:178 Resp: 167691

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	16.0	12.2	18.2

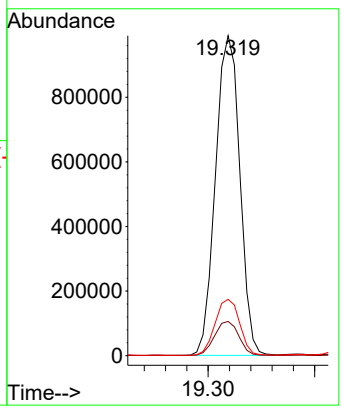




#75
Fluoranthene
Concen: 21.623 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:202 Resp: 156984

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.1
203	17.6	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
27-BELL

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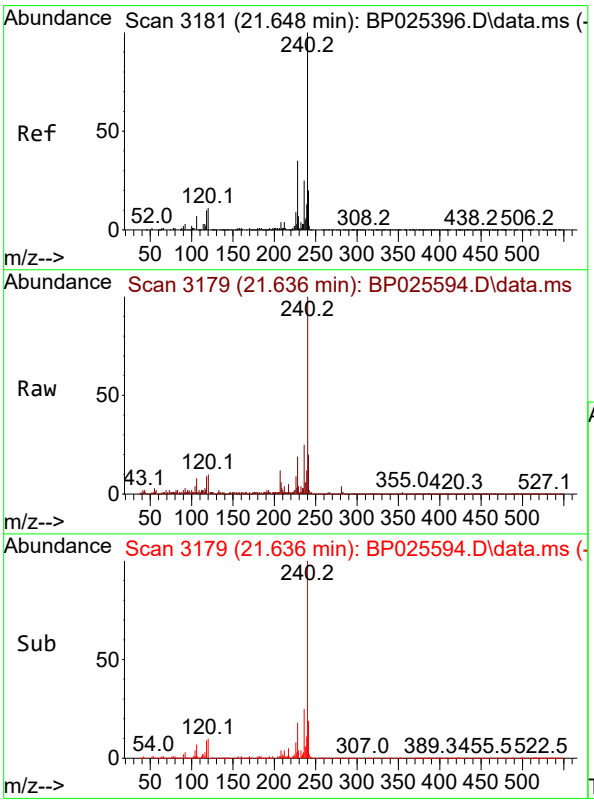
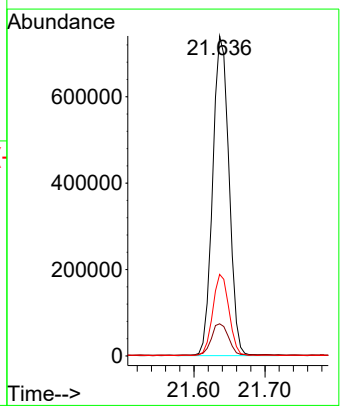
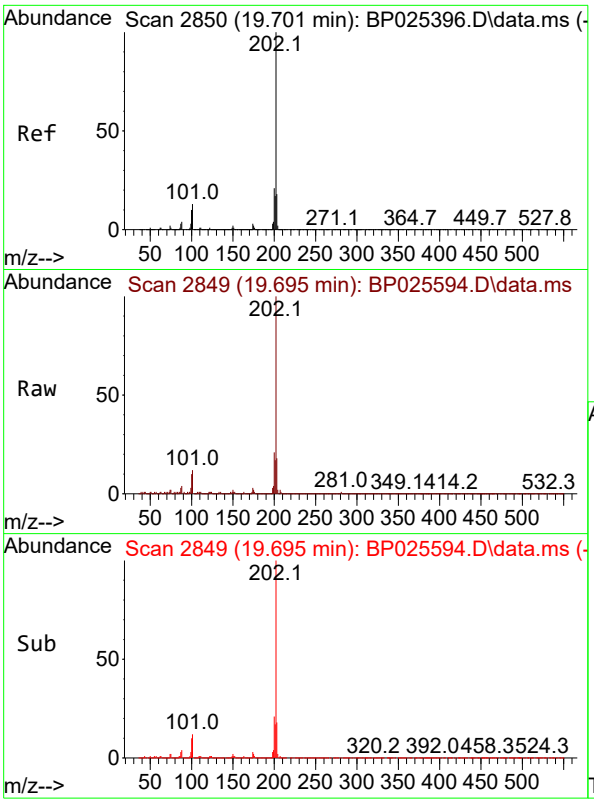


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:240 Resp: 1177876

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	25.5	19.8	29.8

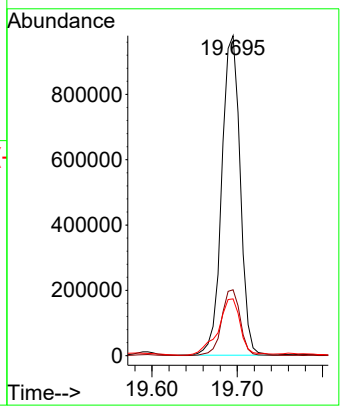




#78
Pyrene
Concen: 19.118 ng
RT: 19.695 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:202 Resp: 146367

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.8	14.2	21.2



Instrument :
BNA_P
ClientSampleId :
27-BELL

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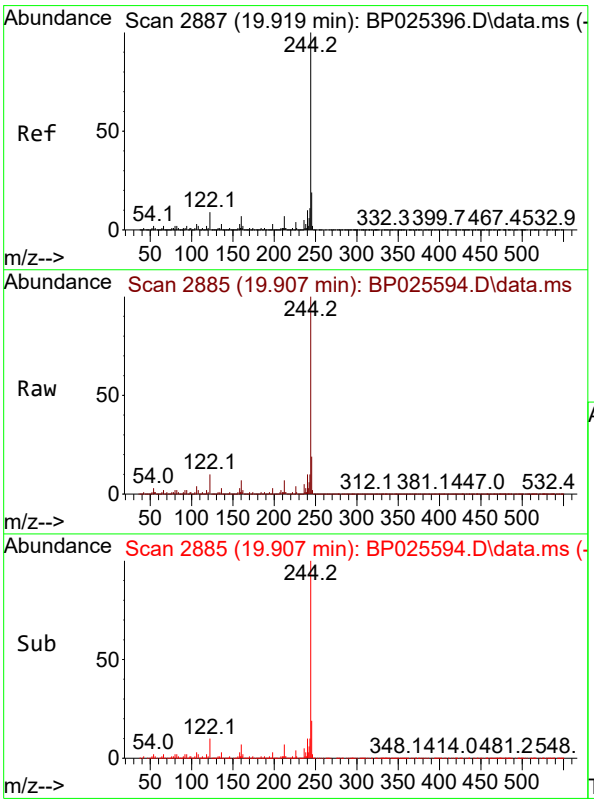
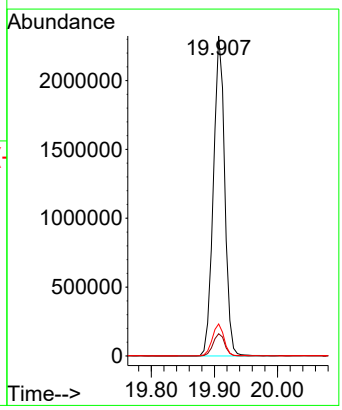
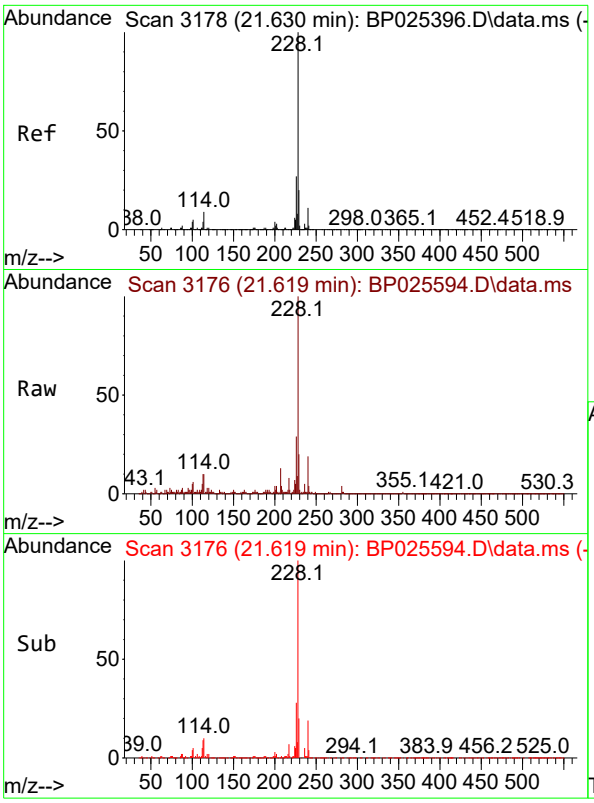


#79
Terphenyl-d14
Concen: 44.845 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.012 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:244 Resp: 2887144

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	10.0	7.4	11.2

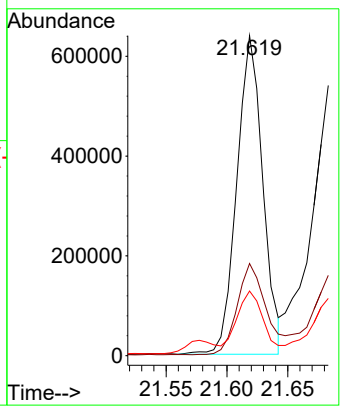




#81
Benzo(a)anthracene
Concen: 12.197 ng
RT: 21.619 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:228 Resp: 94745

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.7	32.5
229	20.2	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
27-BELL

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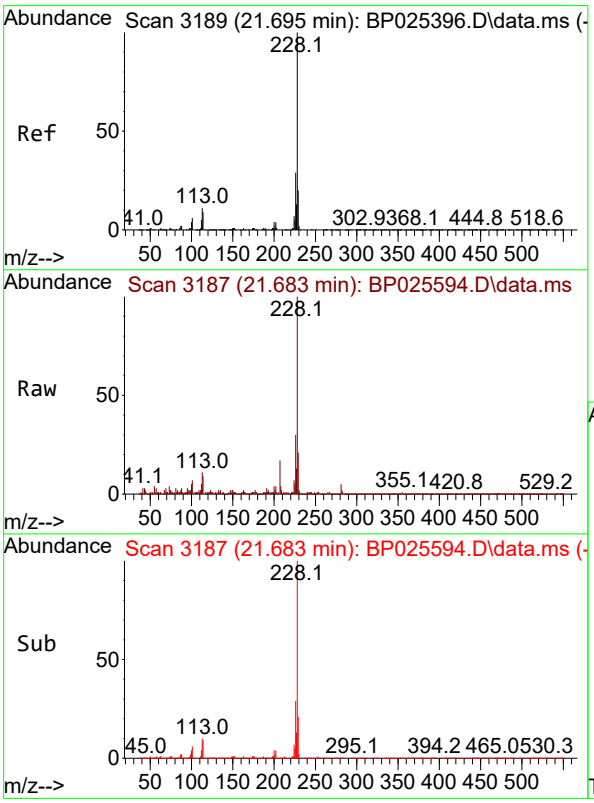
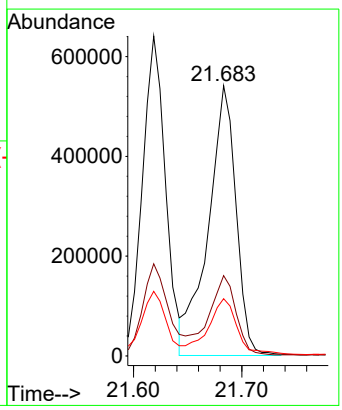
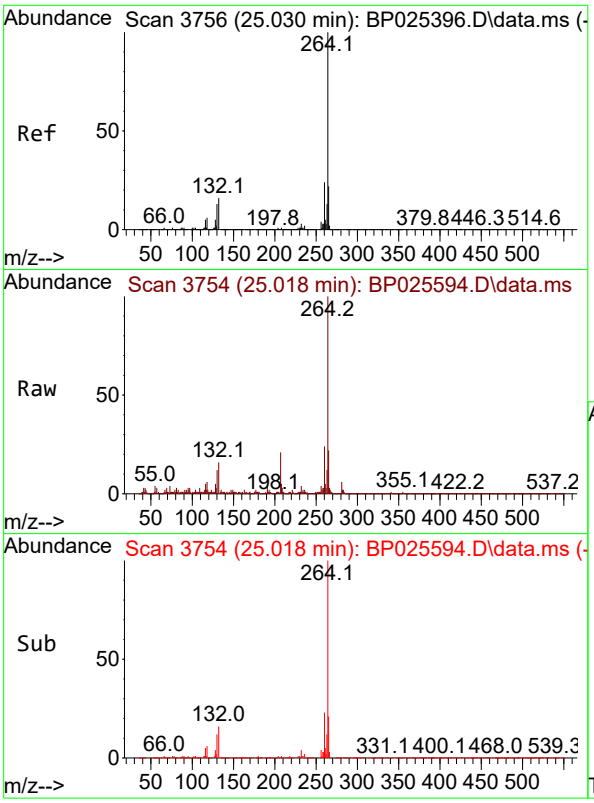


#83
Chrysene
Concen: 13.276 ng m
RT: 21.683 min Scan# 3187
Delta R.T. -0.012 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:228 Resp: 965816

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	21.2	15.6	23.4

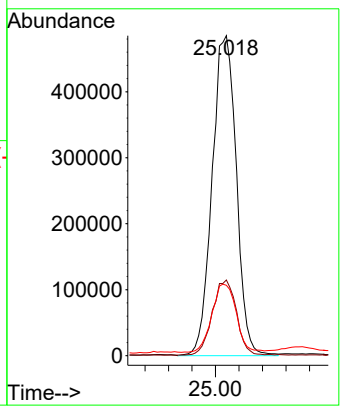




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:264 Resp: 138769

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	22.0	17.4	26.0



Instrument :
BNA_P
ClientSampleId :
27-BELL

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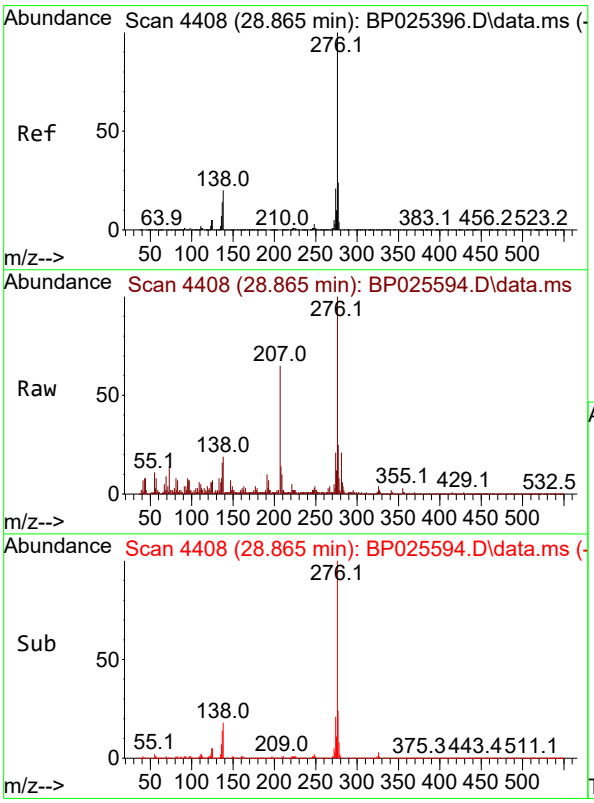
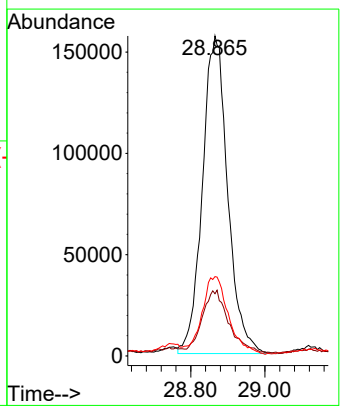
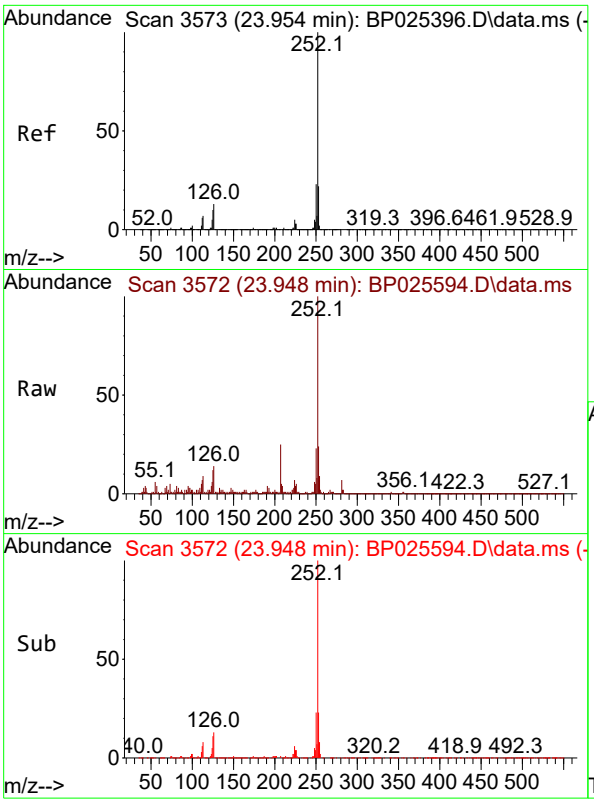


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.302 ng
RT: 28.865 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:276 Resp: 743117

Ion	Ratio	Lower	Upper
276	100		
138	20.7	12.9	19.3#
277	25.5	17.0	25.6

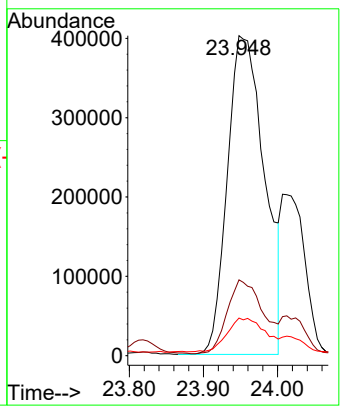




#88
Benzo(b)fluoranthene
Concen: 17.084 ng
RT: 23.948 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:252 Resp: 139797

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	11.7	7.9	11.9



Instrument :
BNA_P
ClientSampleId :
27-BELL

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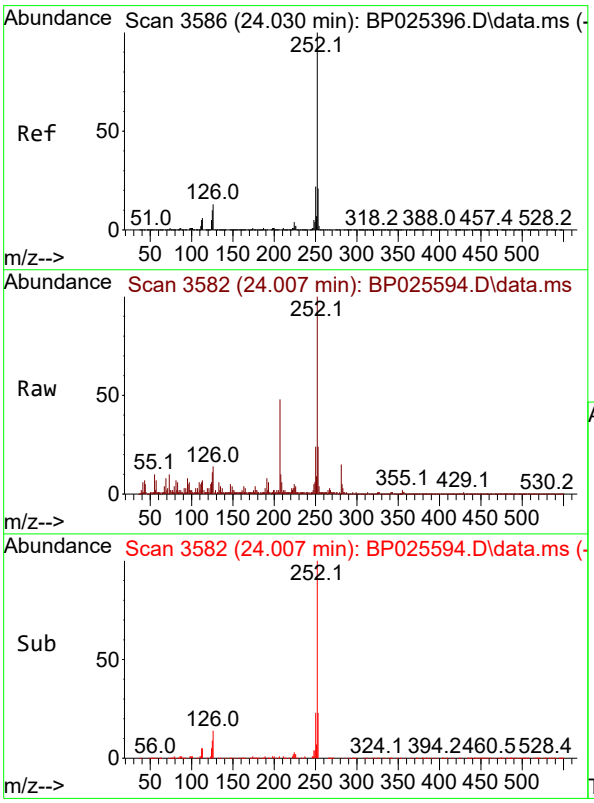
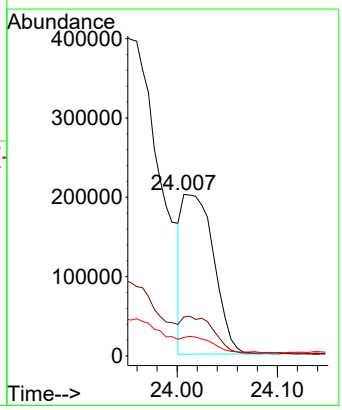
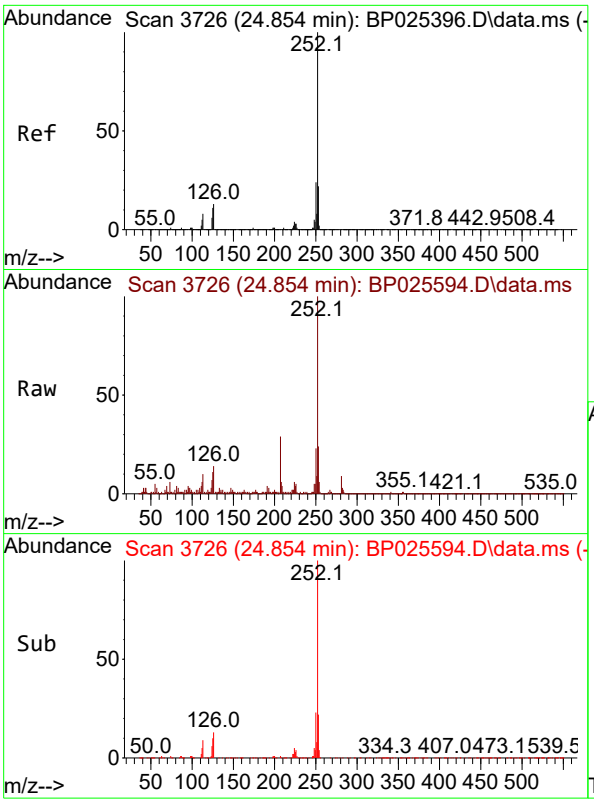


#89
Benzo(k)fluoranthene
Concen: 5.391 ng
RT: 24.007 min Scan# 3582
Delta R.T. -0.023 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:252 Resp: 441415

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	11.5	7.8	11.6

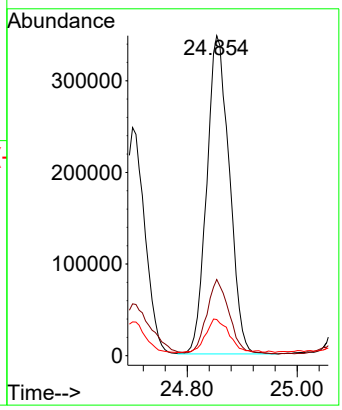




#90
Benzo(a)pyrene
Concen: 12.413 ng
RT: 24.854 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:252 Resp: 98874

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	11.3	8.7	13.1



Instrument :
BNA_P
ClientSampleId :
27-BELL

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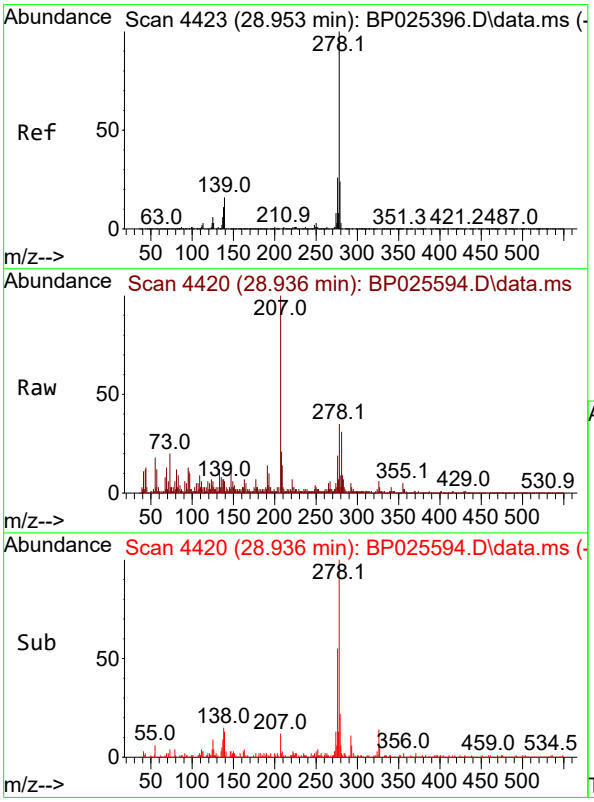
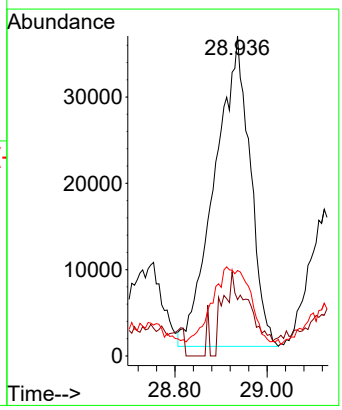
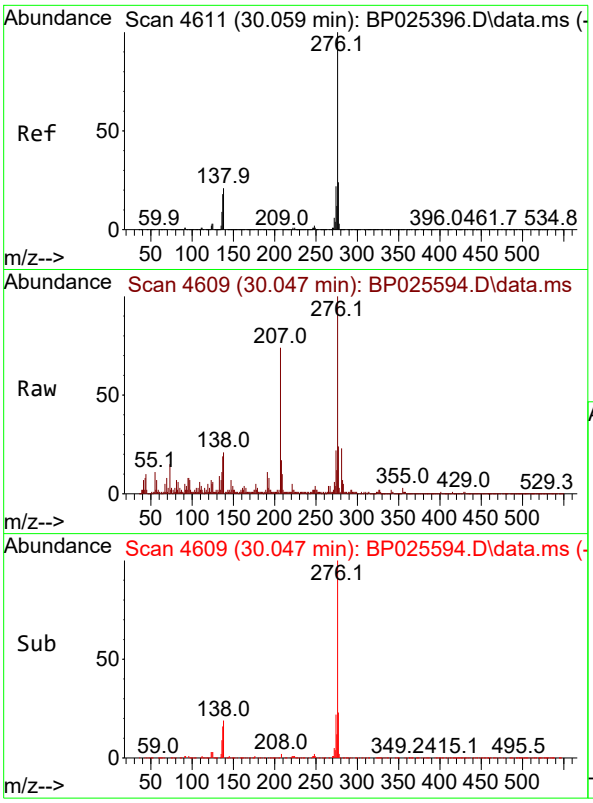


#91
Dibenzo(a,h)anthracene
Concen: 2.292 ng
RT: 28.936 min Scan# 4420
Delta R.T. -0.018 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:278 Resp: 190610

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.0	19.4
279	26.7	19.4	29.2

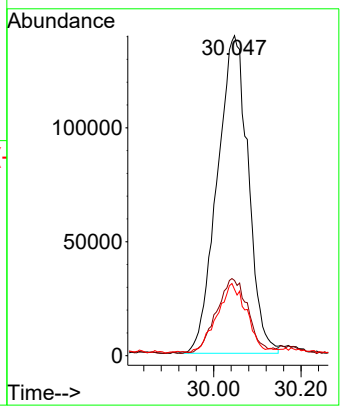




#92
Benzo(g,h,i)perylene
Concen: 8.400 ng
RT: 30.047 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025594.D
Acq: 26 Aug 2025 20:44

Tgt Ion:276 Resp: 68670

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	20.7	16.7	25.1



Instrument :
BNA_P
ClientSampleId :
27-BELL

Manual Integrations
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Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Sample Results: **BP025594.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025594.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	11	16	21	rBV	1253559	1501700	19.13%	2.120%
2	3.072	21	23	33	rVB	77293	97618	1.24%	0.138%
3	4.937	334	340	347	rBV	289323	424958	5.41%	0.600%
4	5.408	413	420	429	rBV	2200497	3326946	42.39%	4.697%
5	6.972	676	686	701	rBV	2031346	3519759	44.85%	4.969%
6	7.778	815	823	831	rBV	765077	1205254	15.36%	1.702%
7	8.919	1009	1017	1035	rBV	1290344	2398051	30.55%	3.386%
8	10.549	1286	1294	1301	rBV	1052316	1699102	21.65%	2.399%
9	13.007	1705	1712	1723	rBV	3562465	5314218	67.71%	7.503%
10	14.113	1895	1900	1913	rBV	120764	212175	2.70%	0.300%
11	14.389	1940	1947	1954	rBV	1544383	2287392	29.14%	3.230%
12	15.778	2176	2183	2191	rBV	596254	875331	11.15%	1.236%
13	15.913	2199	2206	2212	rBV	3364828	4547269	57.94%	6.420%
14	17.195	2417	2424	2428	rBV2	1749918	2786776	35.51%	3.935%
15	17.236	2428	2431	2439	rVV	725447	1029312	13.12%	1.453%
16	17.336	2443	2448	2453	rVV	237764	382031	4.87%	0.539%
17	17.389	2453	2457	2464	rVB2	52856	80684	1.03%	0.114%
18	17.613	2492	2495	2500	rVB	65993	81961	1.04%	0.116%
19	18.101	2574	2578	2579	rBV	133690	163380	2.08%	0.231%
20	18.130	2579	2583	2592	rVB2	1439112	2151088	27.41%	3.037%
21	18.230	2597	2600	2605	rVB	81008	115586	1.47%	0.163%
22	18.295	2606	2611	2615	rBV2	213312	376738	4.80%	0.532%
23	18.613	2662	2665	2669	rBV	104766	144775	1.84%	0.204%
24	18.654	2669	2672	2677	rVB2	109930	151004	1.92%	0.213%
25	19.048	2736	2739	2742	rBV2	109766	135804	1.73%	0.192%
26	19.189	2759	2763	2771	rVB	148232	243506	3.10%	0.344%
27	19.319	2779	2785	2793	rBV	2272629	3720753	47.41%	5.253%
28	19.454	2805	2808	2815	rBV2	336959	590104	7.52%	0.833%
29	19.695	2839	2849	2853	rBV	2227516	4016612	51.18%	5.671%
30	19.907	2878	2885	2890	rBV	6156522	7848330	100.00%	11.081%
31	20.036	2903	2907	2909	rBV3	192904	320702	4.09%	0.453%
32	20.319	2952	2955	2958	rBV2	175109	204306	2.60%	0.288%
33	21.007	3069	3072	3080	rVB	281970	414093	5.28%	0.585%
34	21.295	3117	3121	3126	rBV3	825728	1231653	15.69%	1.739%
35	21.630	3171	3178	3184	rBV3	2428012	5889725	75.04%	8.316%
36	21.683	3184	3187	3195	rVB	1394100	2116321	26.97%	2.988%

Sample Results: **BP025594.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	23.948	3567	3572	3581	rBV2	826376	2281207	29.07%	3.221%
38	24.701	3696	3700	3715	rVB	672567	1884438	24.01%	2.661%
39	24.854	3720	3726	3736	rVB	795651	2170749	27.66%	3.065%
40	25.018	3747	3754	3761	rBV	1110598	2886247	36.78%	4.075%

Sum of corrected areas: 70827658

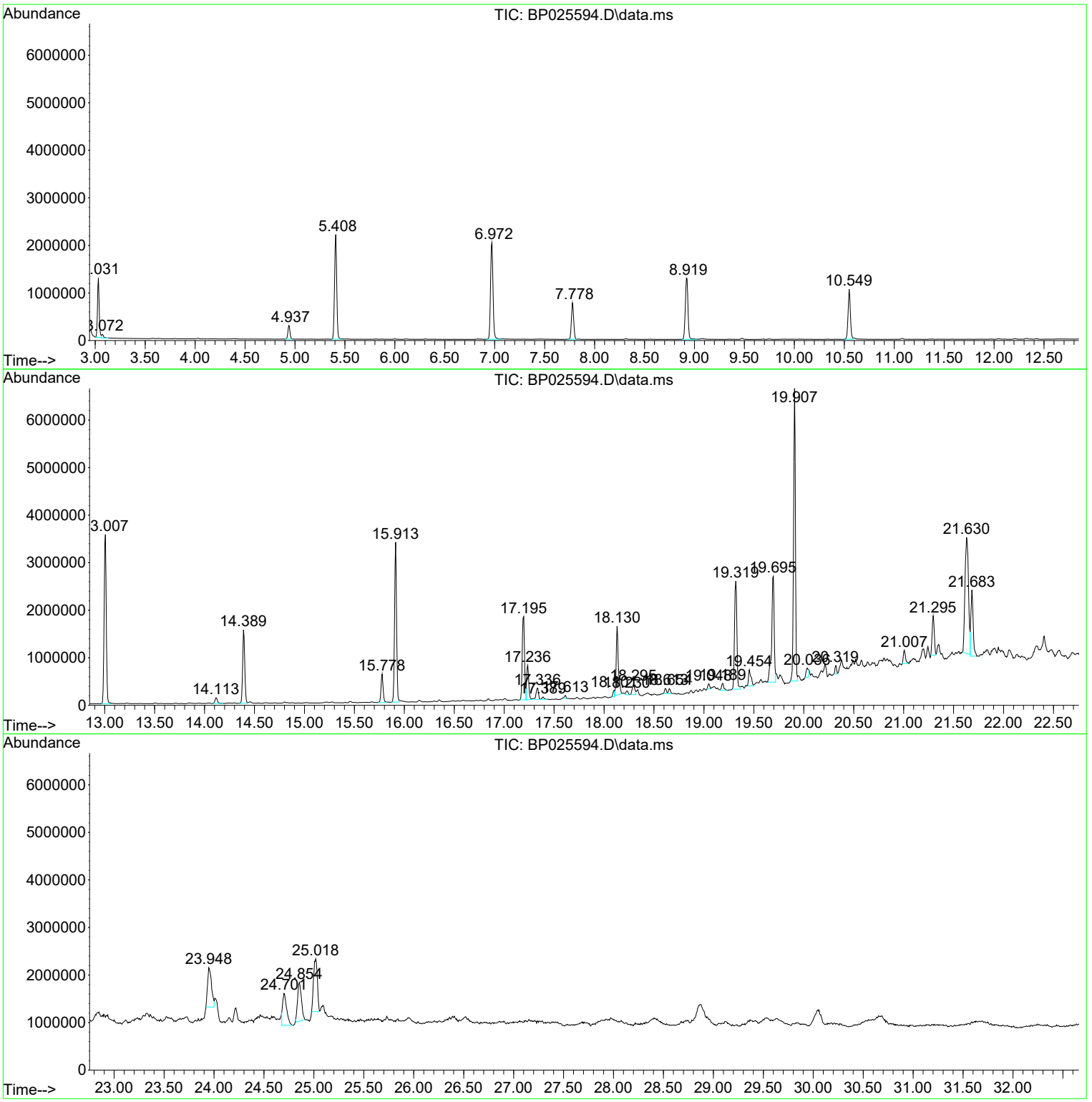
Sample Results: **BP025594.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

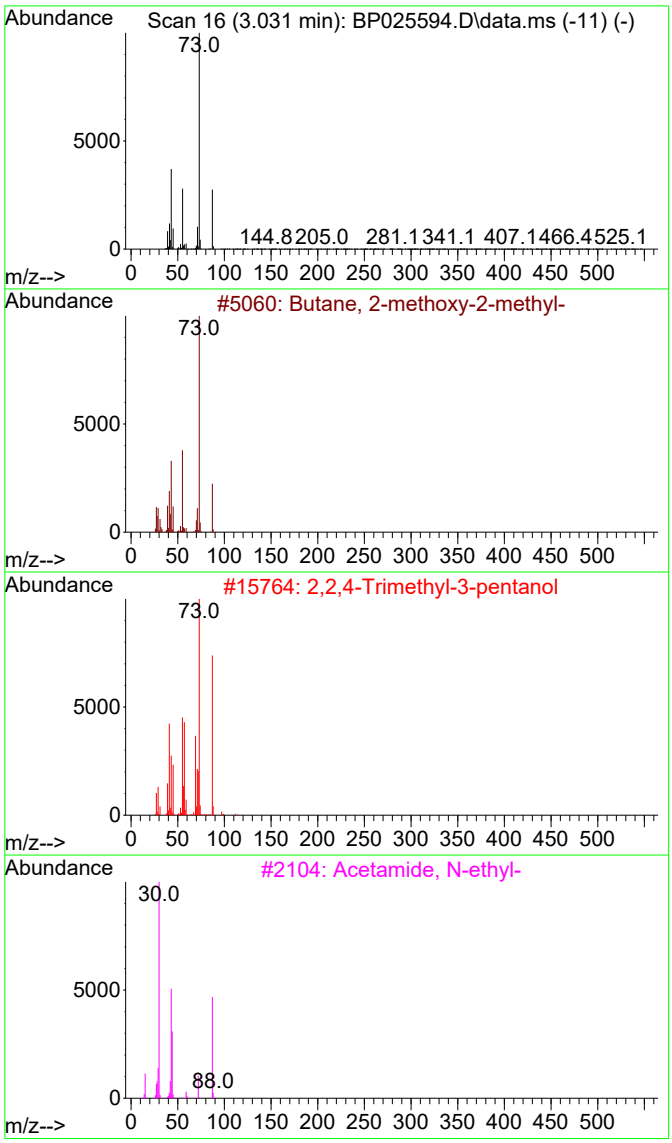
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

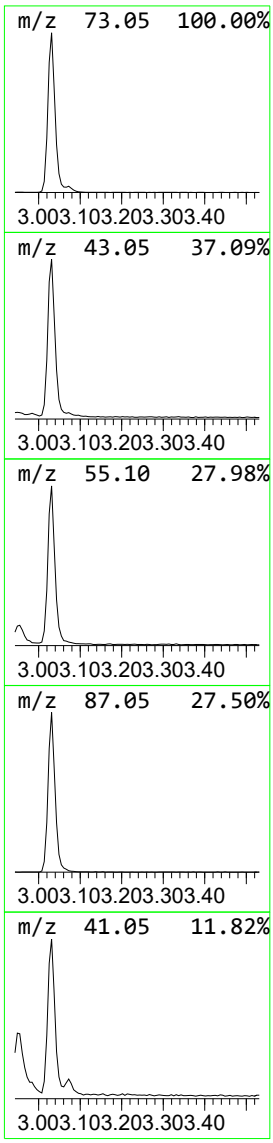
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	24.92 ng	1501700	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
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\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

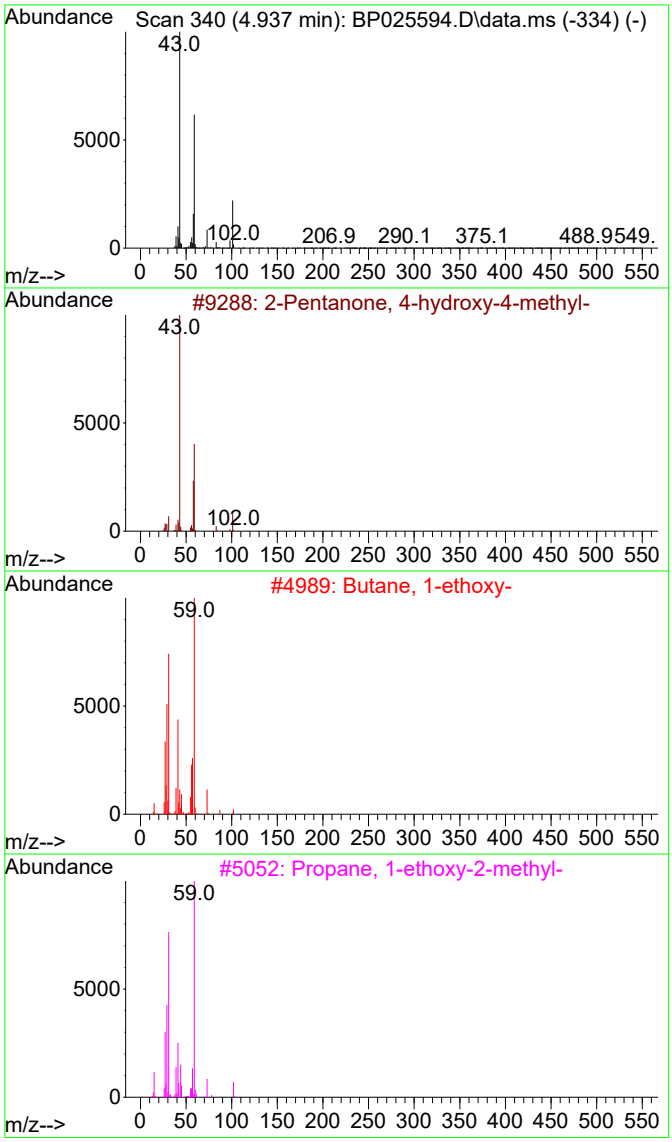
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

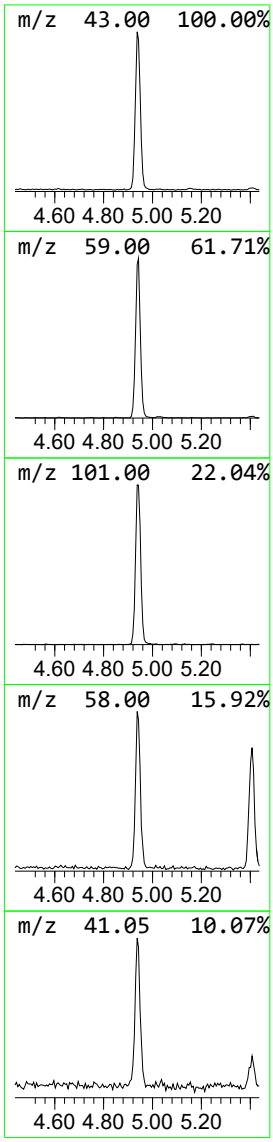
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	7.05 ng	424958	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

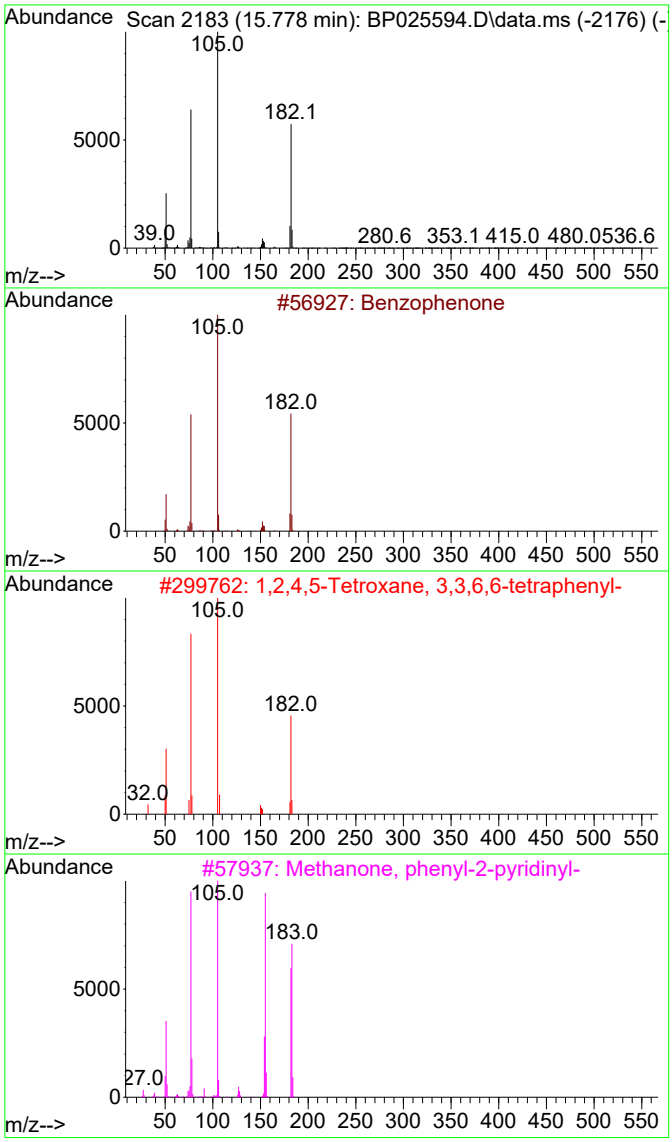
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

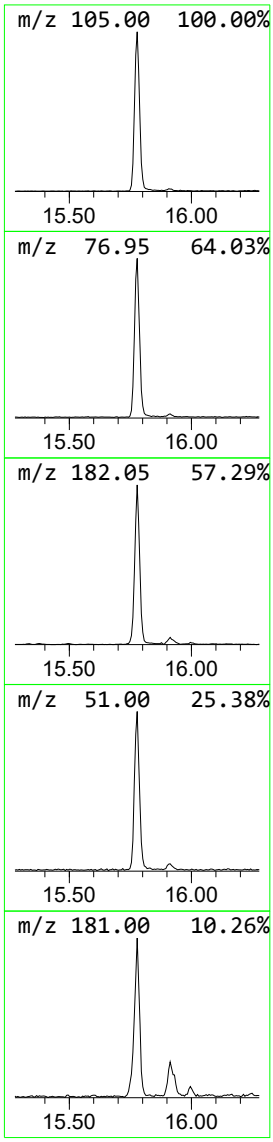
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	7.65 ng	875331	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
5	Azobenzene	182	C12H10N2	000103-33-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

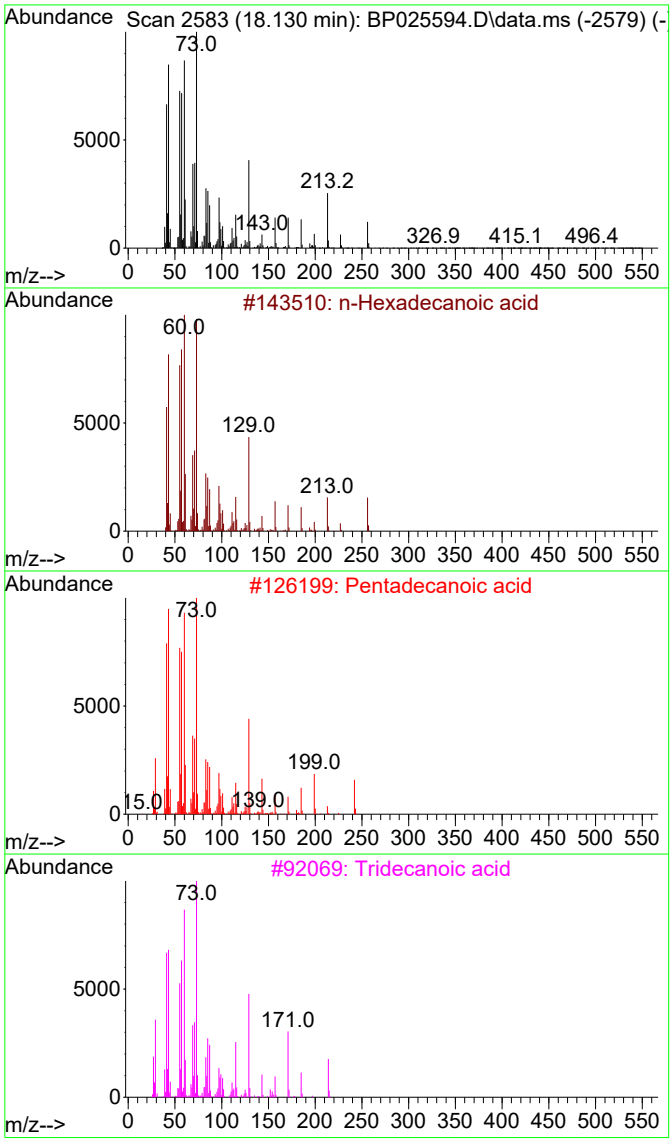
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

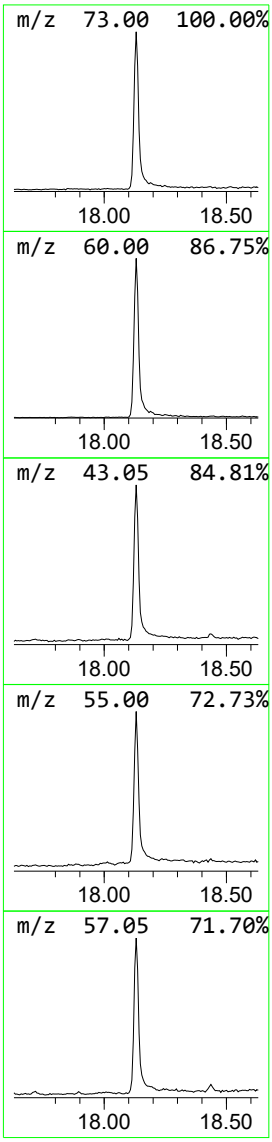
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	15.44 ng	2151090	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

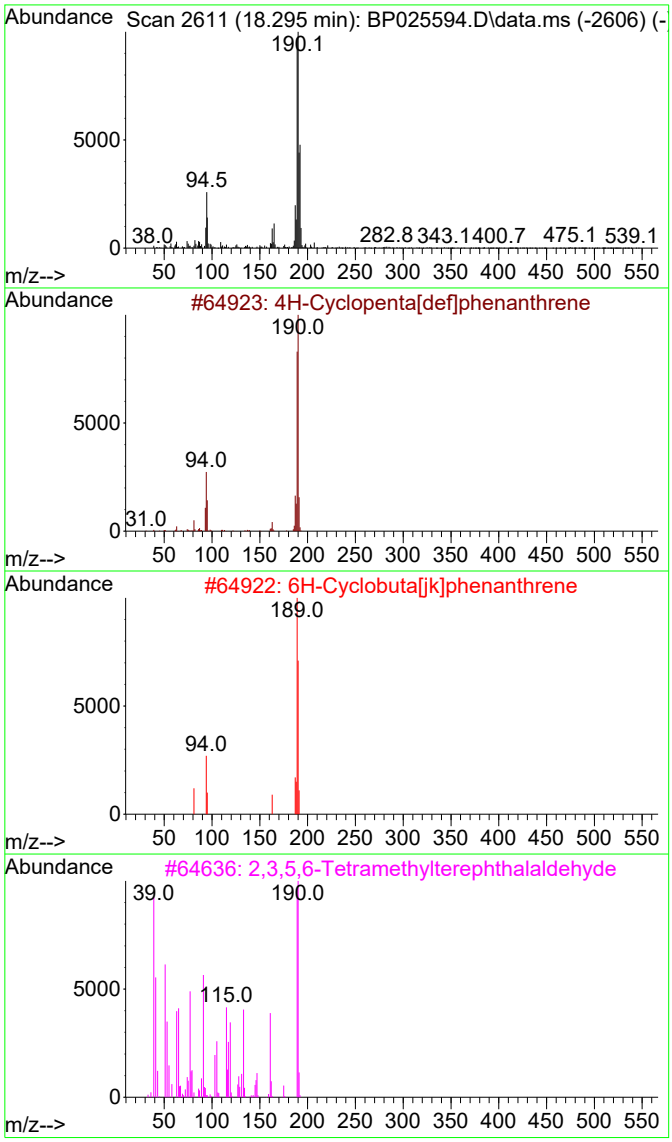
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

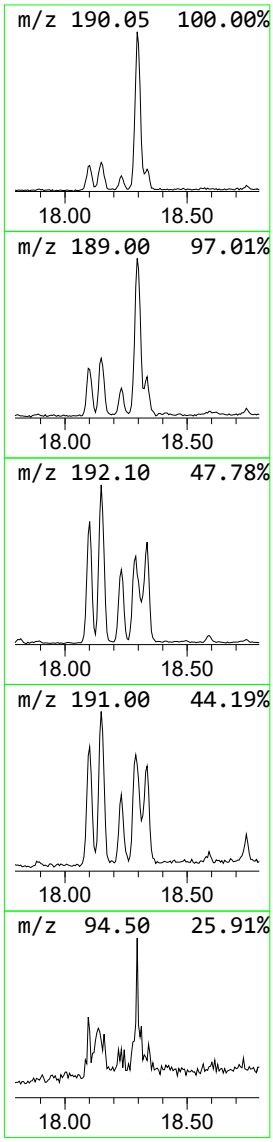
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.295	2.70 ng	376738	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

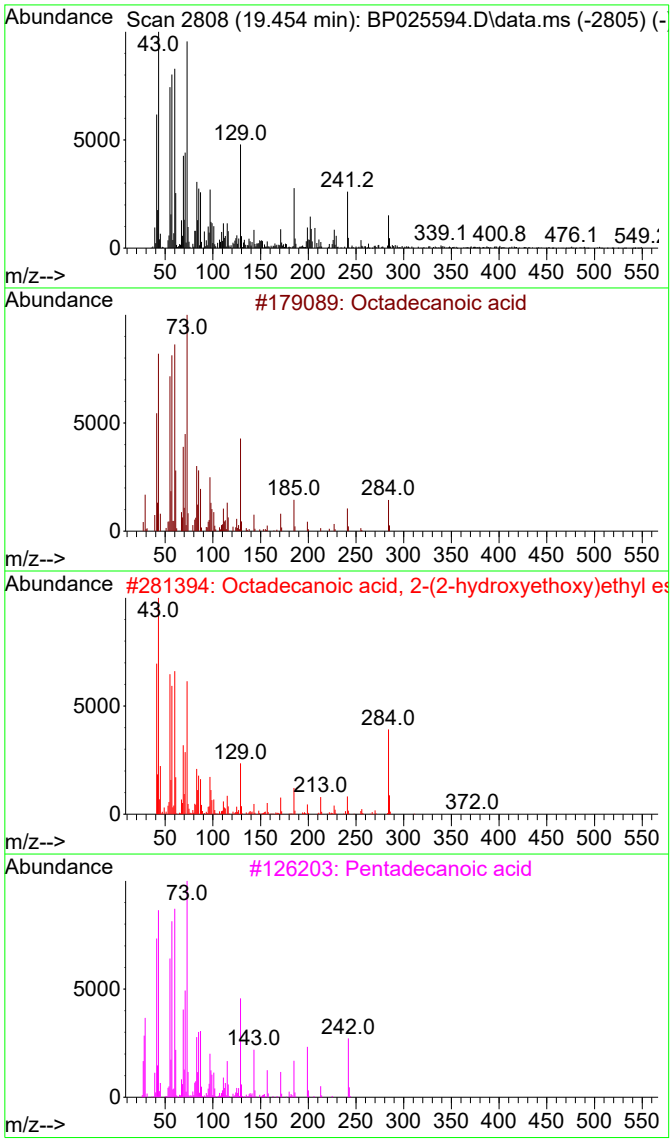
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

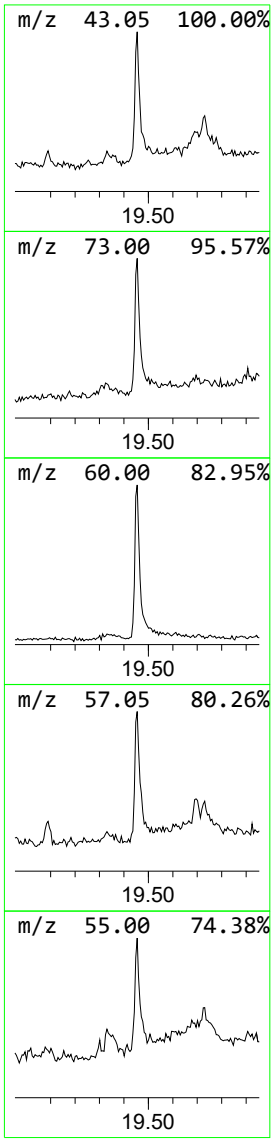
****

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.454	2.00 ng	590104	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

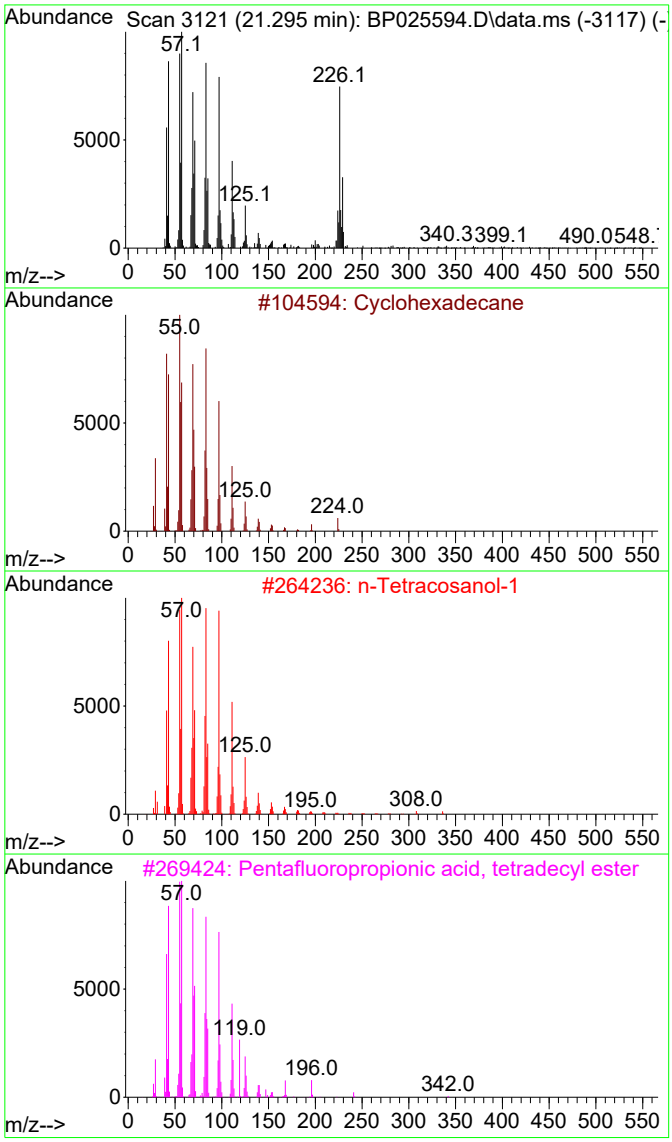
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

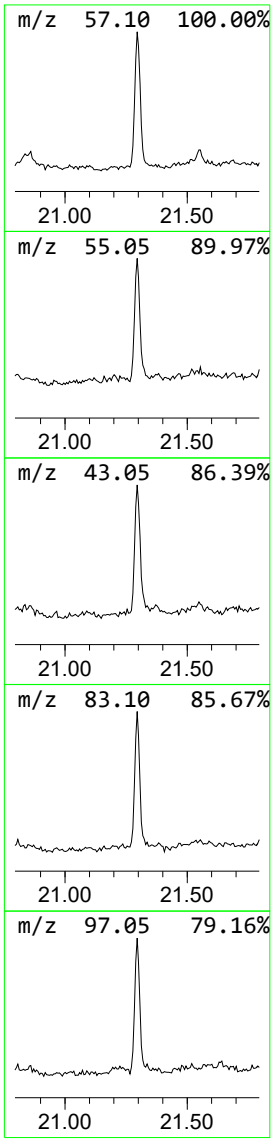
****

Peak Number 7 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.295	4.18 ng	1231650	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	86
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	86
5	1-Heneicosanol	312	C21H44O	015594-90-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

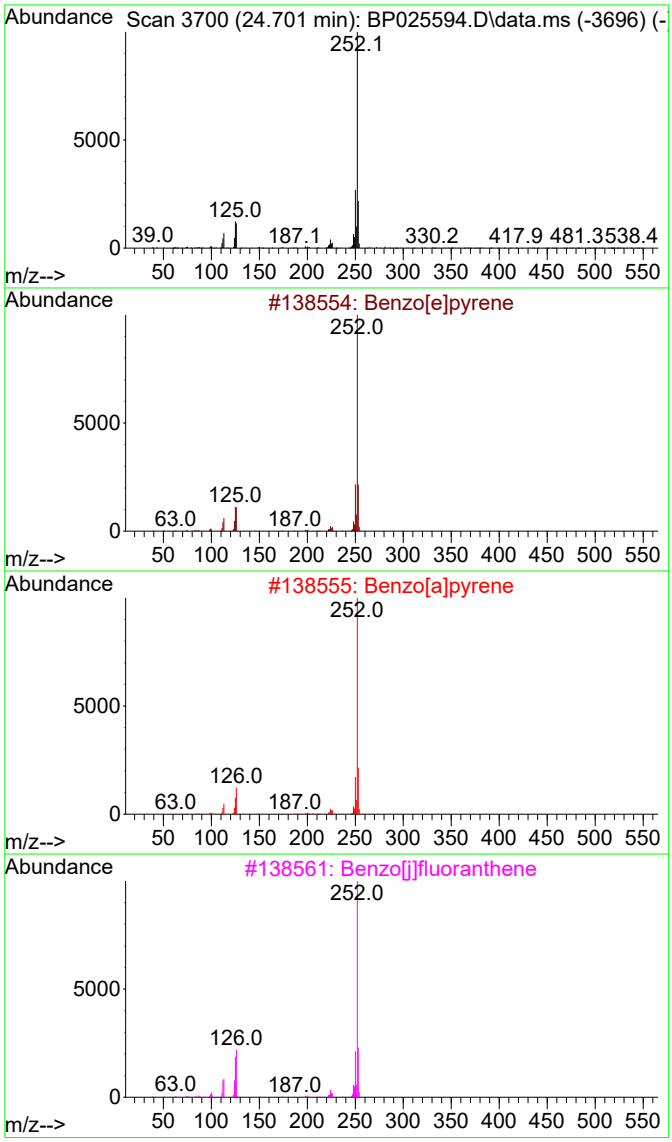
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

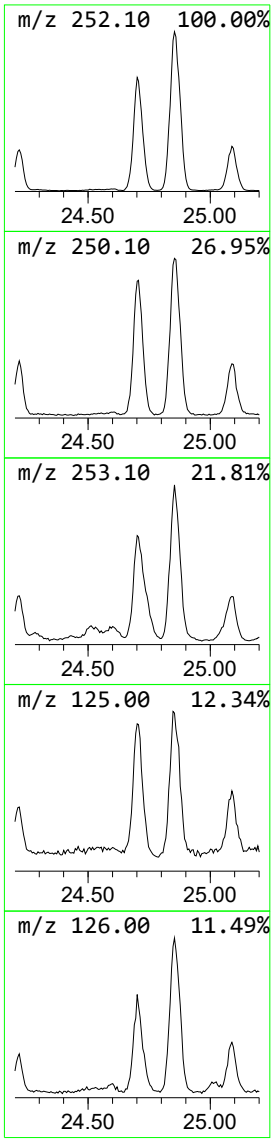
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.701	13.06 ng	1884440	Perylene-d12	25.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Sample Results: **BP025594.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025594.D
Acq On : 26 Aug 2025 20:44
Operator : CG/JU
Sample : Q2928-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
27-BELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.031	24.9	ng	1501700	1	7.778	1205250	20.0
2-Pentanone, 4-...	4.937	7.0	ng	424958	1	7.778	1205250	20.0
Benzophenone	15.778	7.7	ng	875331	3	14.390	2287390	20.0
n-Hexadecanoic ...	18.131	15.4	ng	2151090	4	17.195	2786780	20.0
4H-Cyclopenta[d...	18.295	2.7	ng	376738	4	17.195	2786780	20.0
Octadecanoic acid	19.454	2.0	ng	590104	5	21.636	5889730	20.0
Cyclohexadecane	21.295	4.2	ng	1231650	5	21.636	5889730	20.0
Benzo[e]pyrene	24.701	13.1	ng	1884440	6	25.018	2886250	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: HERO01

Lab Code: ACE SDG No.: Q2928

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: HERO01

Lab Code: ACE SDG No.: Q2928

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: HERO01

Lab Code: ACE SDG No.: Q2928

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

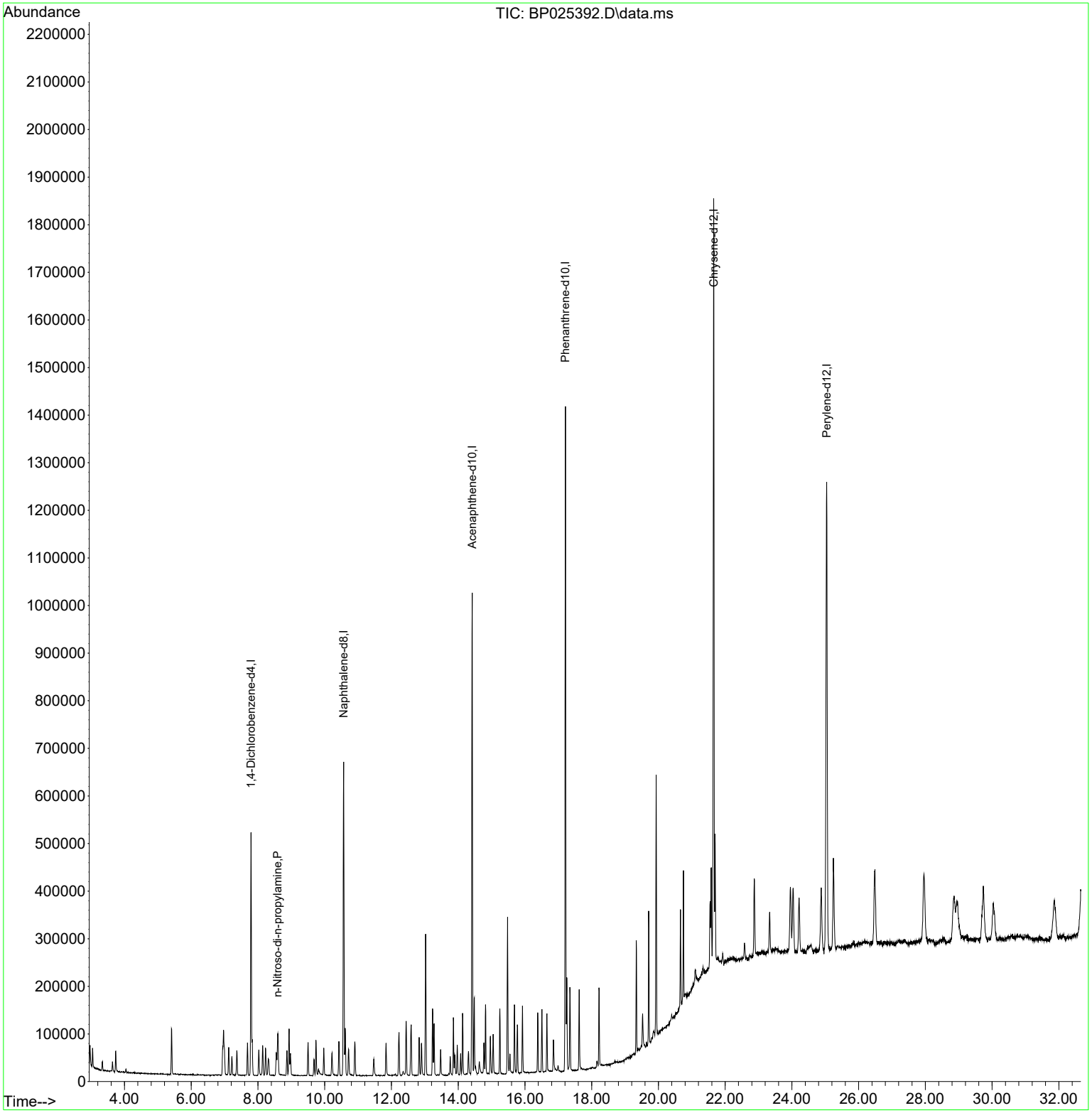
(#) = qualifier out of range (m) = manual integration (+) = signals summed

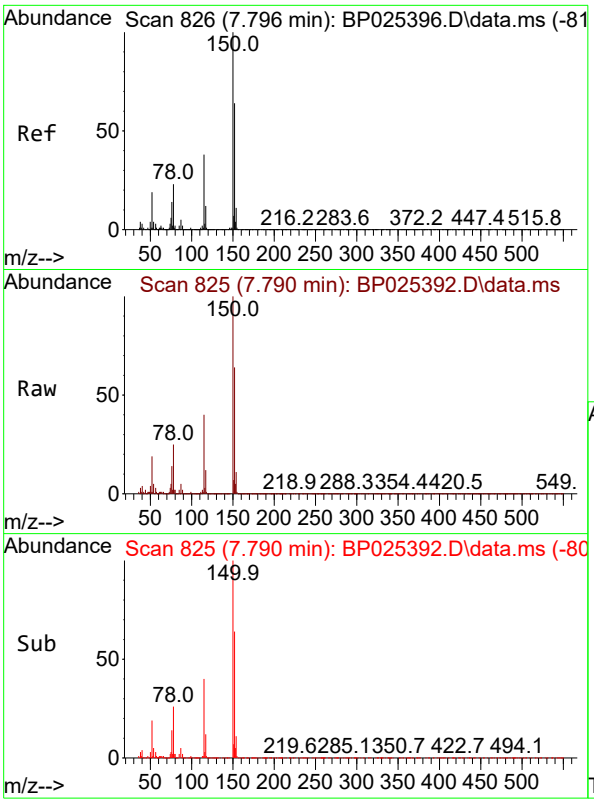
ICAL Form

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



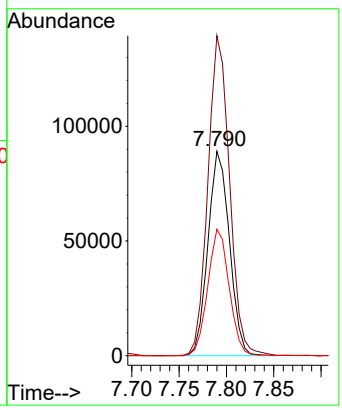


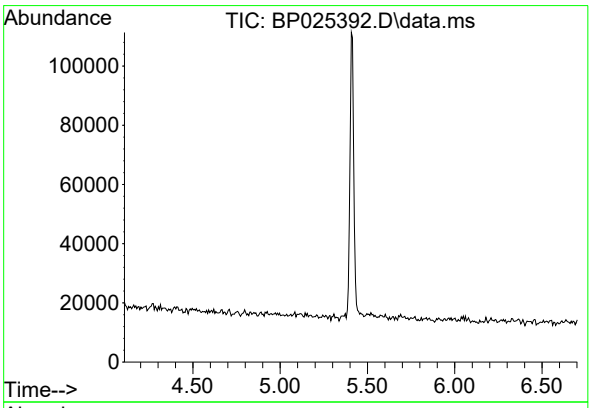
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



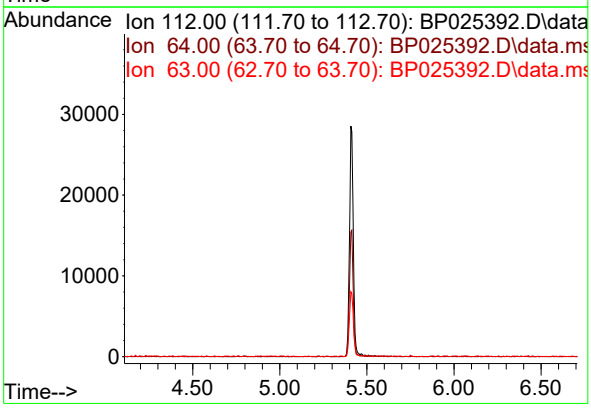


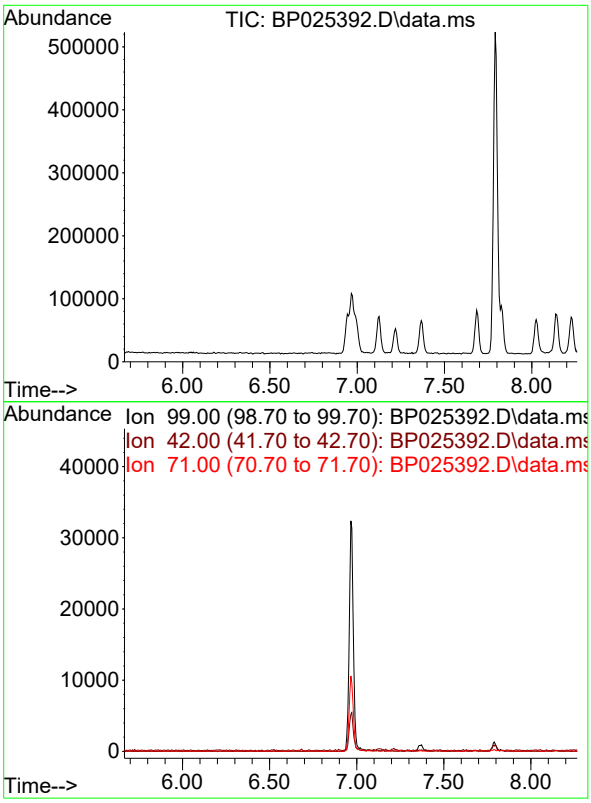
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	54.8
63	28.4





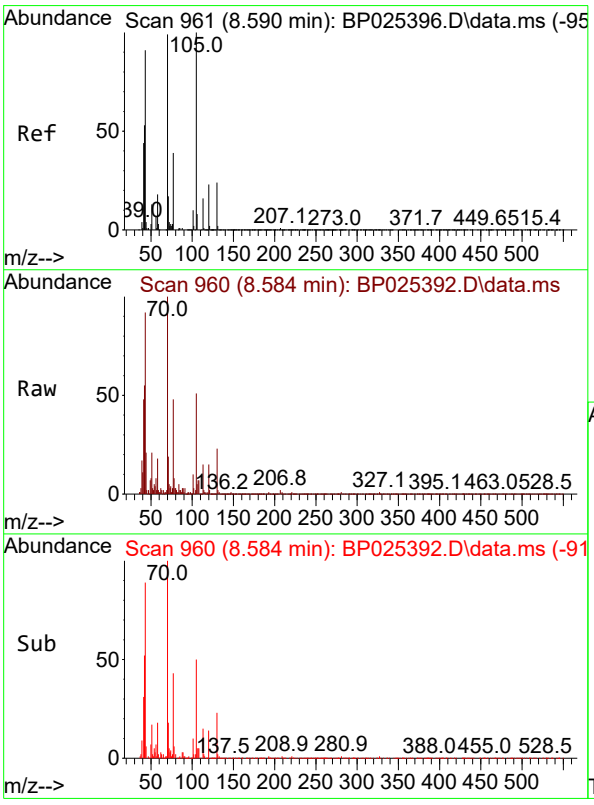
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.97 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

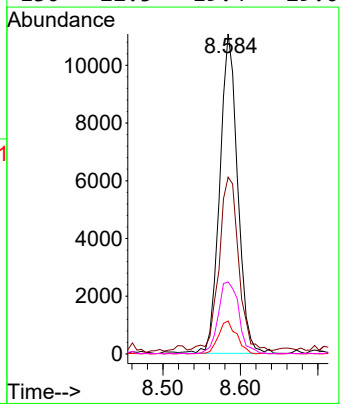
Sig	Exp Ratio
99	100
42	17.1
71	35.3

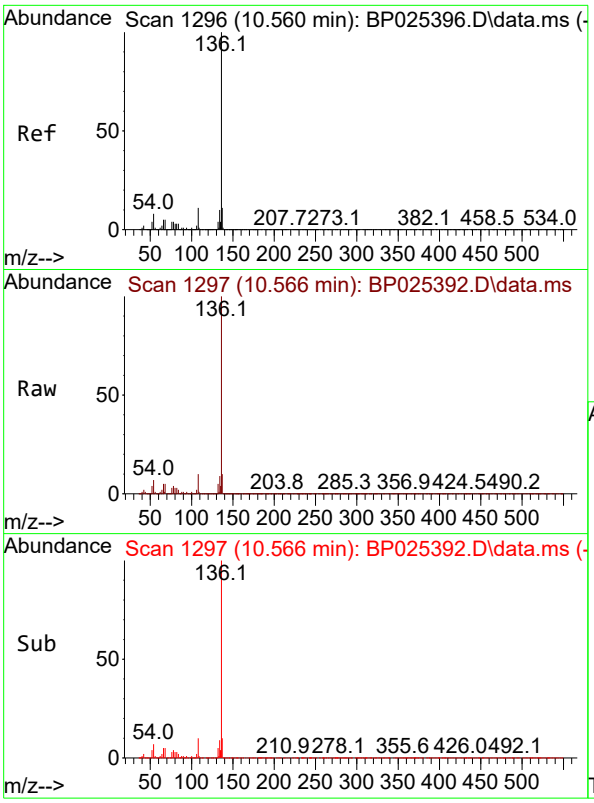


#19
n-Nitroso-di-n-propylamine
Concen: 2.476 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



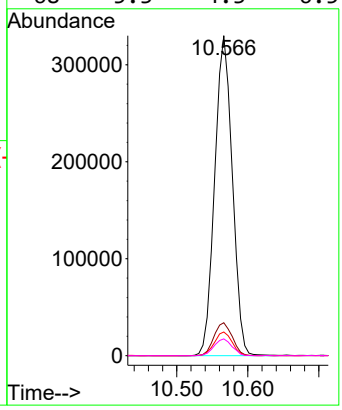


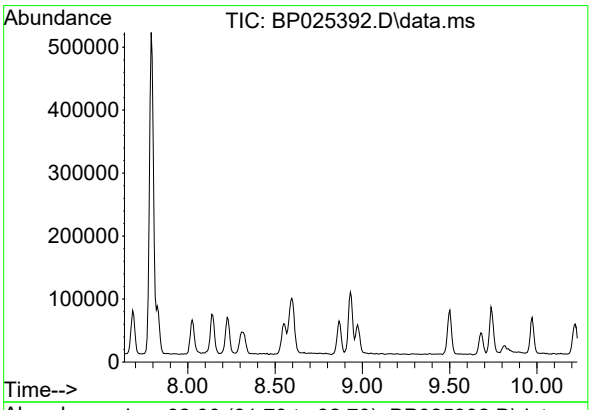
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



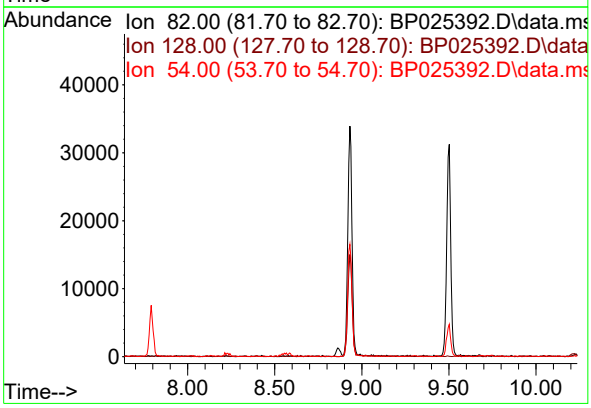


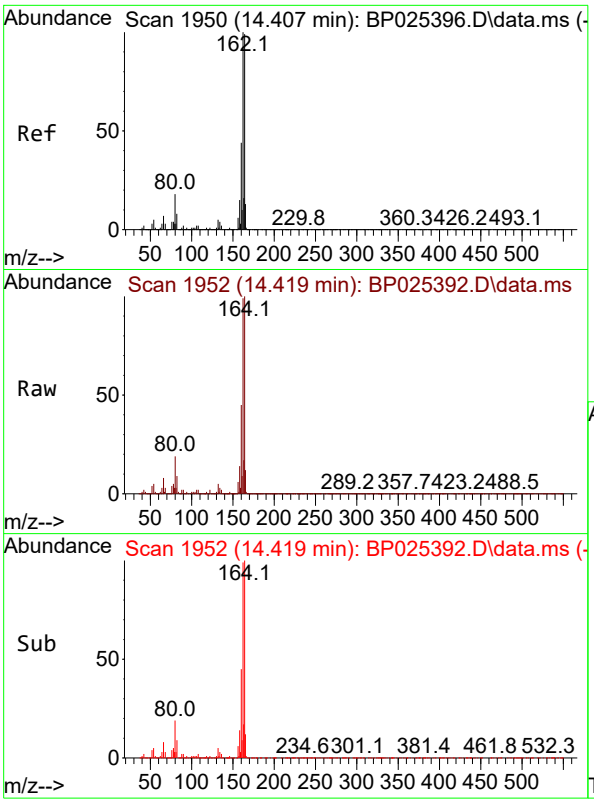
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.94 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	47.1
54	49.7



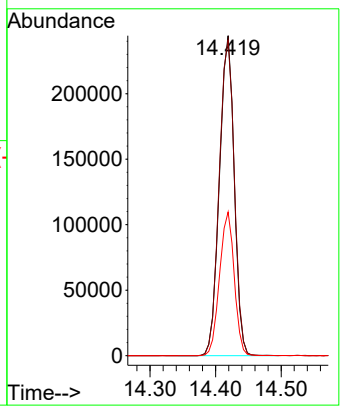


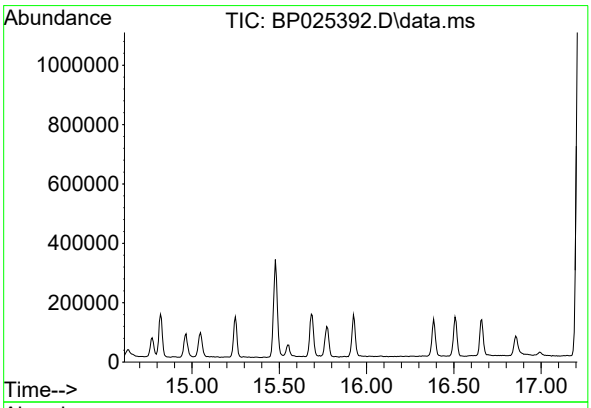
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



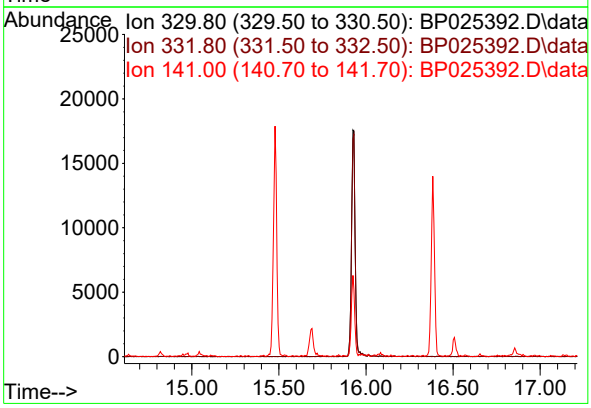


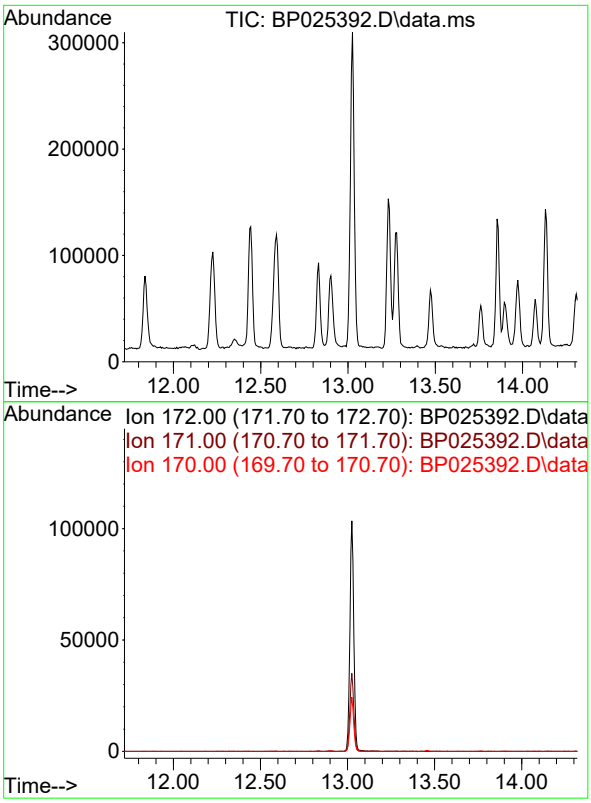
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.91 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	33.2





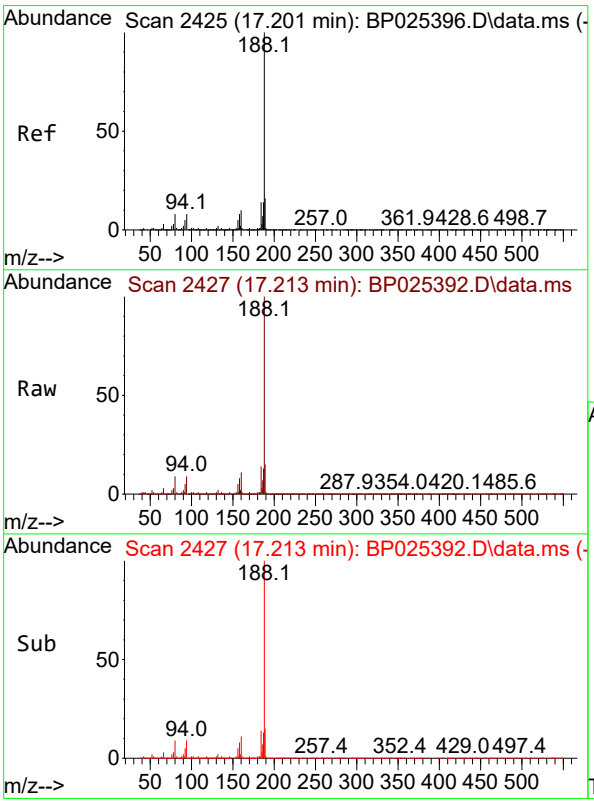
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.02 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

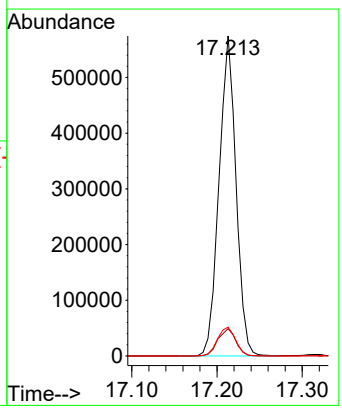
Sig	Exp Ratio
172	100
171	35.1
170	23.3

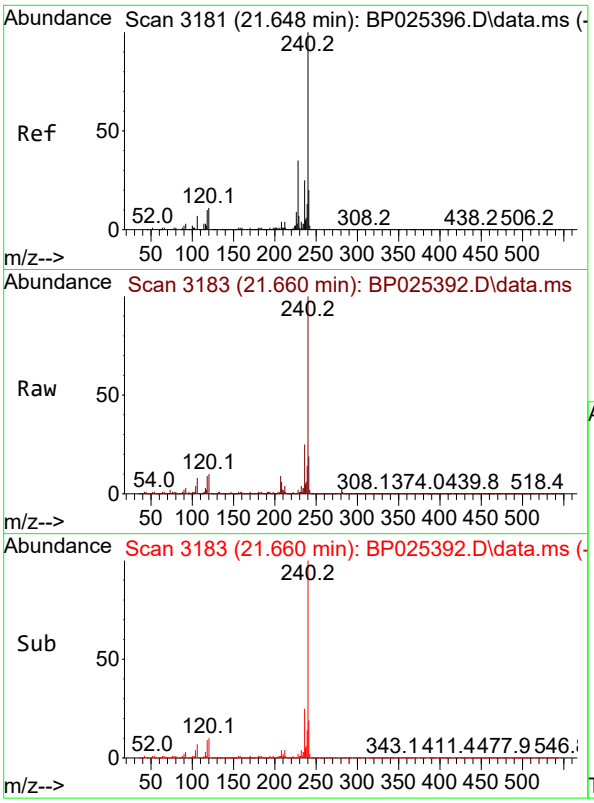


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



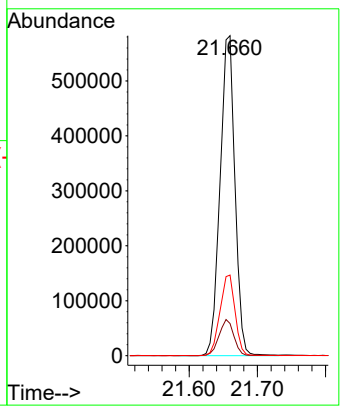


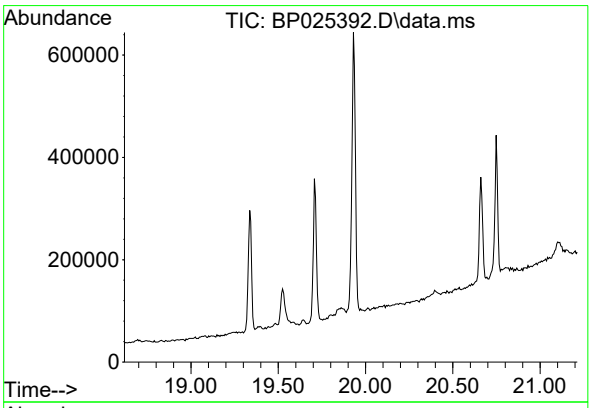
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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



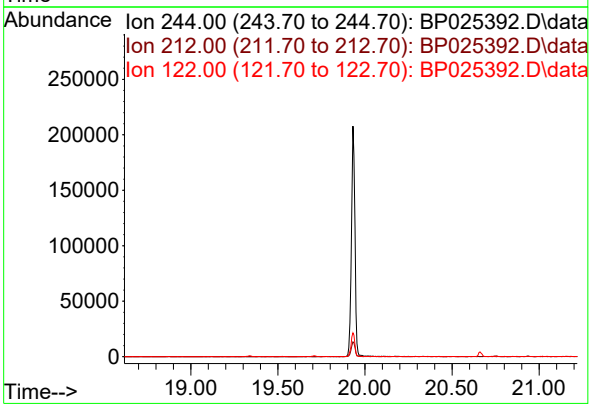


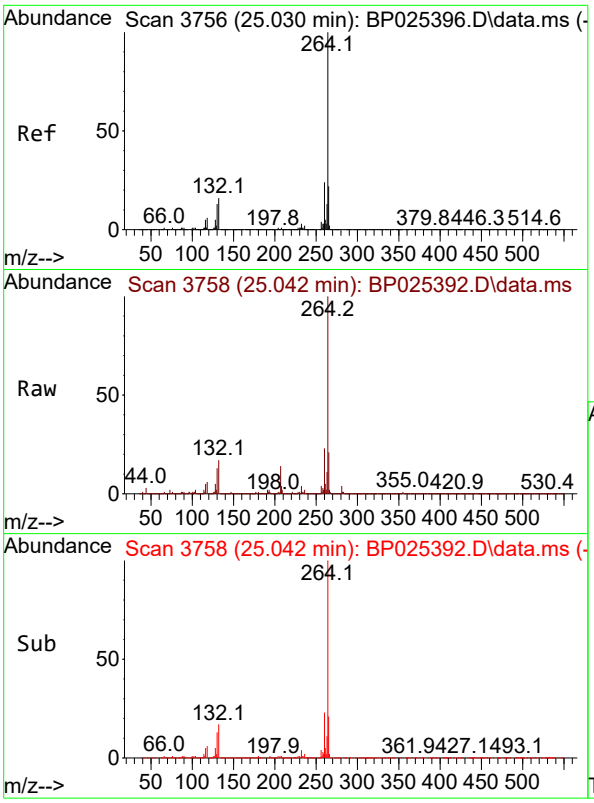
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.92 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.2
122	9.3



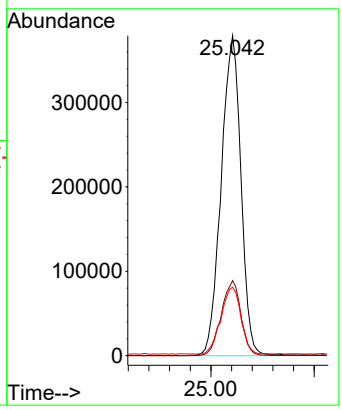


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

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
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Instrument :
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ClientSampleId :
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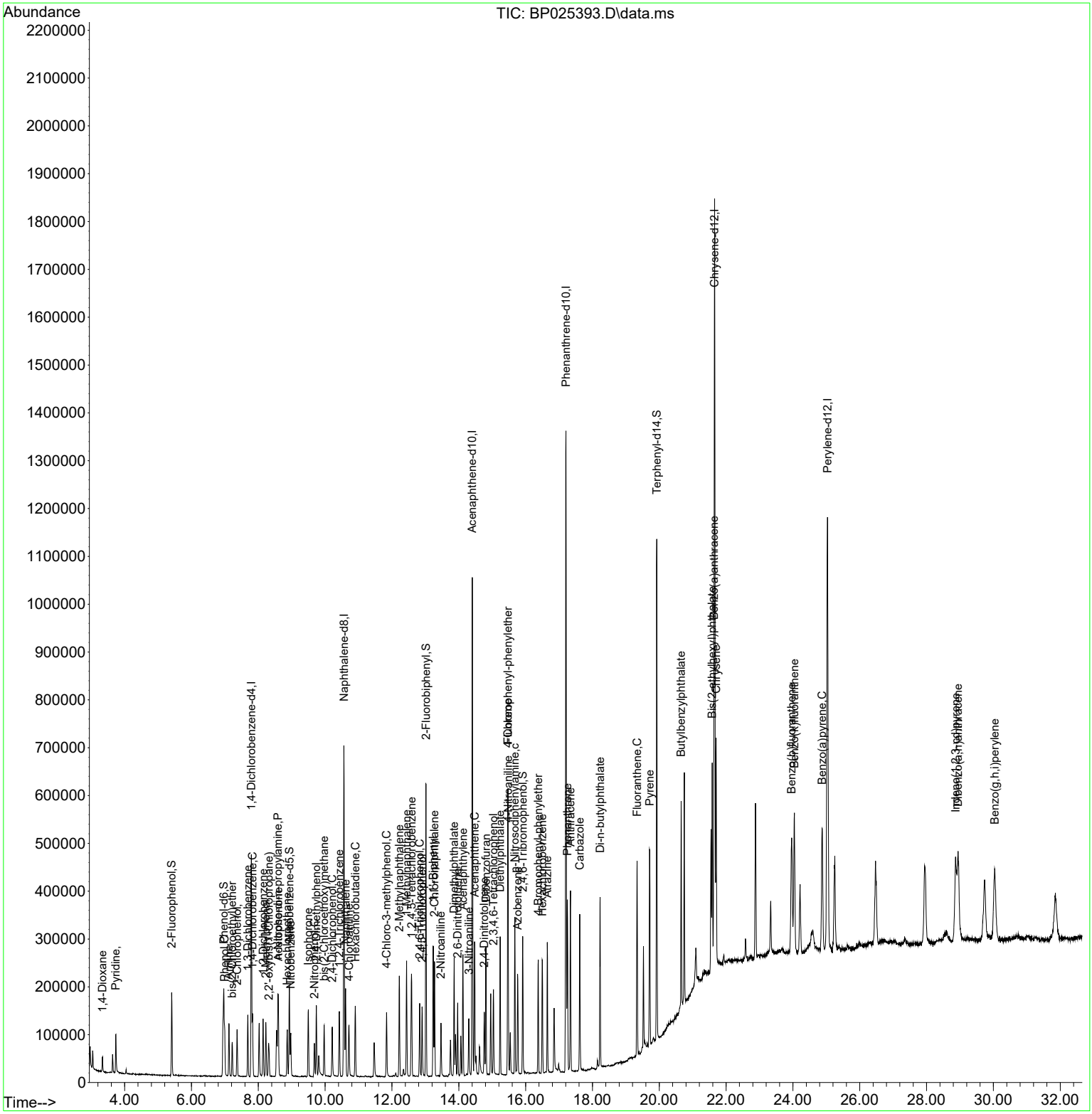
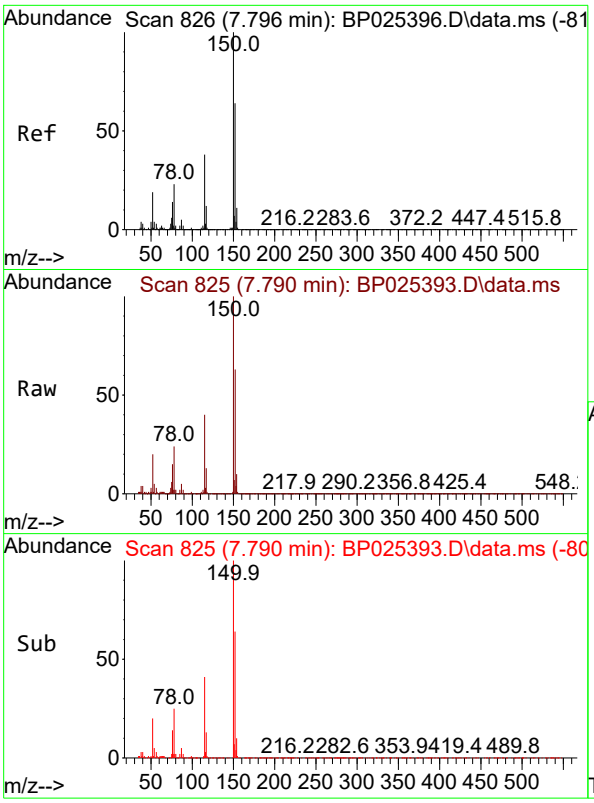
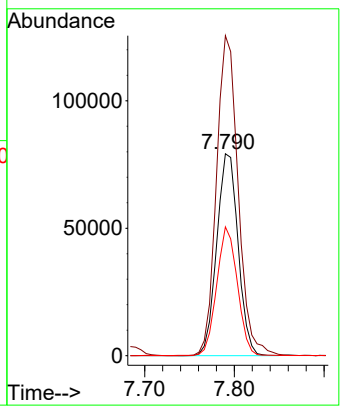




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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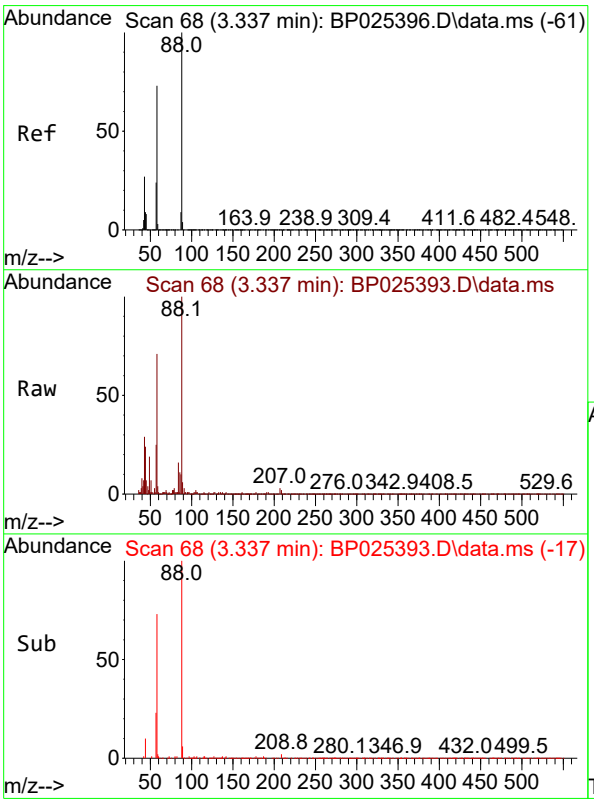
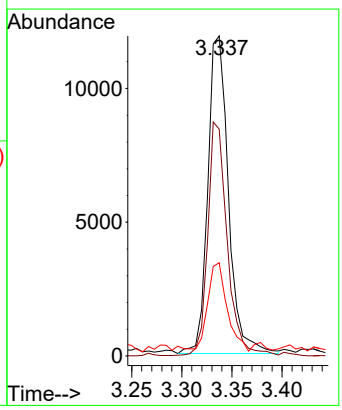
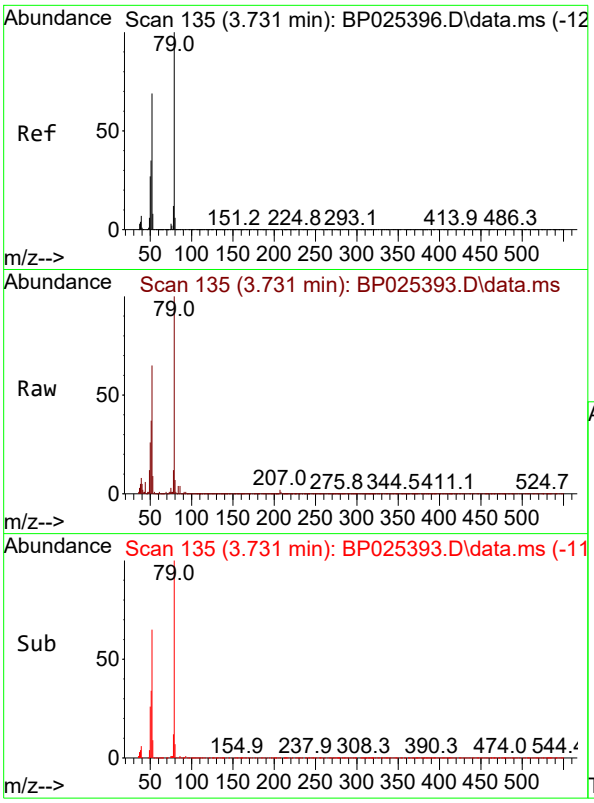


#2
1,4-Dioxane
Concen: 5.509 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

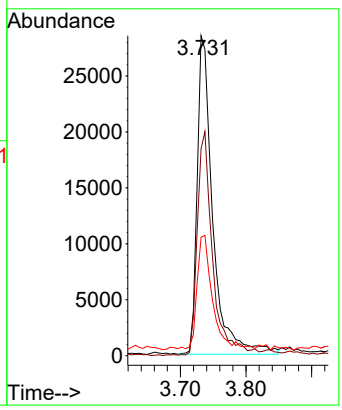




#3
Pyridine
Concen: 5.600 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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



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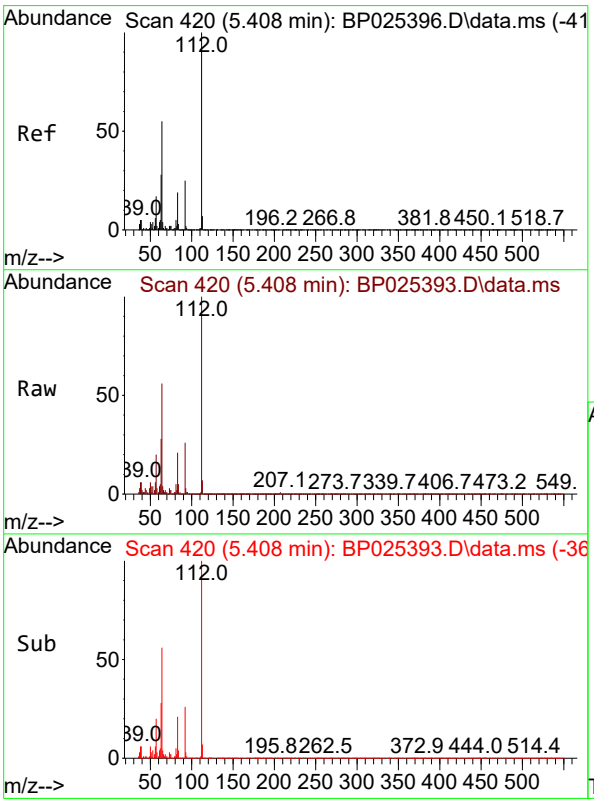
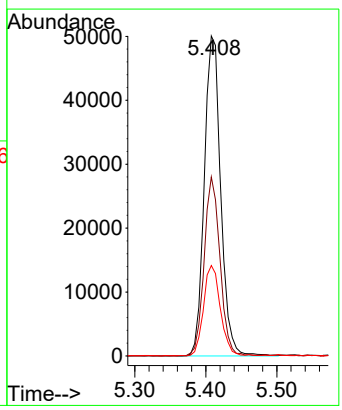
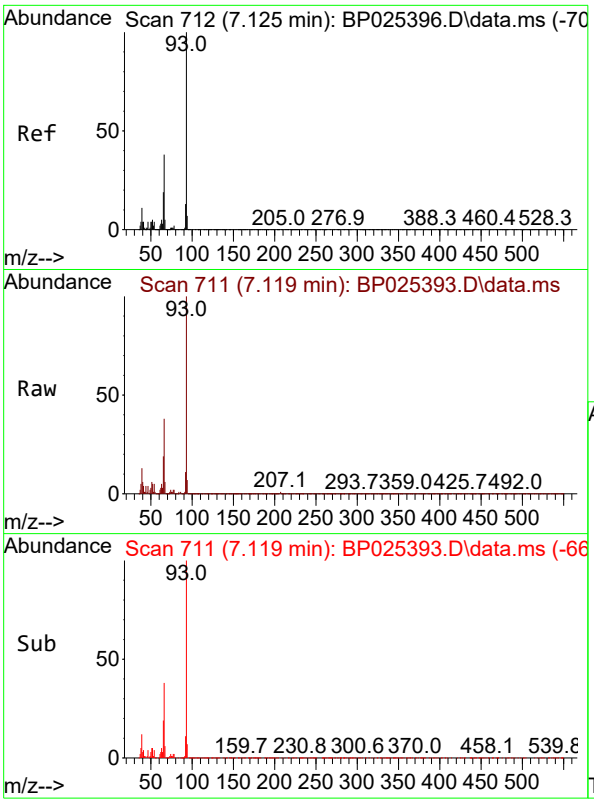


#5
2-Fluorophenol
Concen: 10.227 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

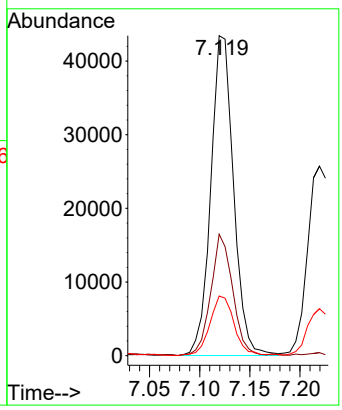




#6
Aniline
Concen: 5.043 ng
RT: 7.119 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

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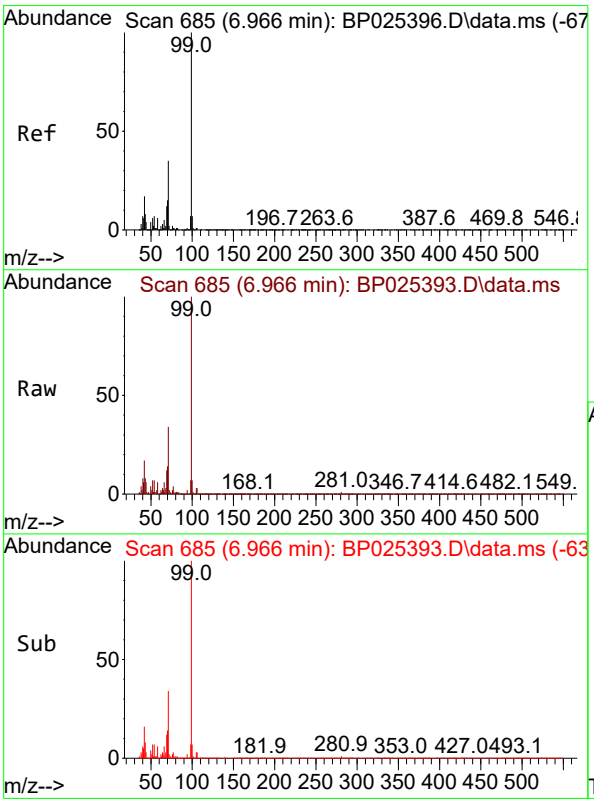
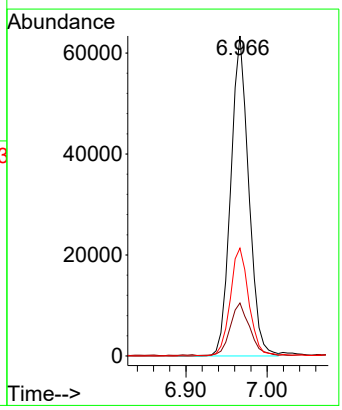
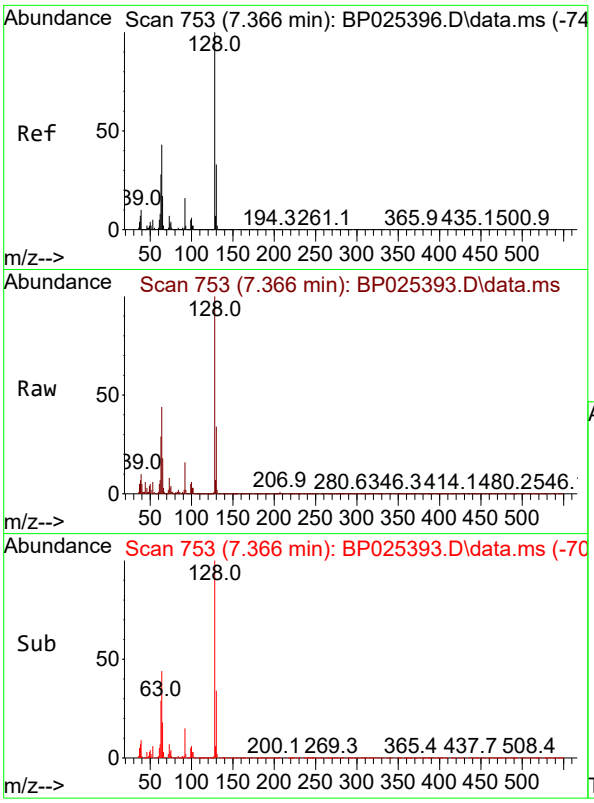


#7
Phenol-d6
Concen: 9.605 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

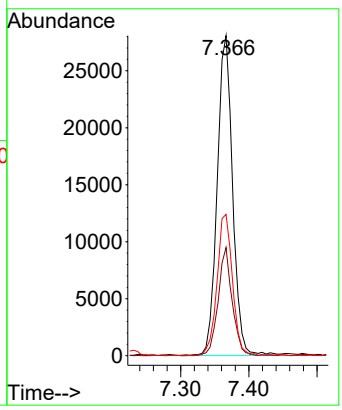




#8
2-Chlorophenol
Concen: 4.969 ng
RT: 7.366 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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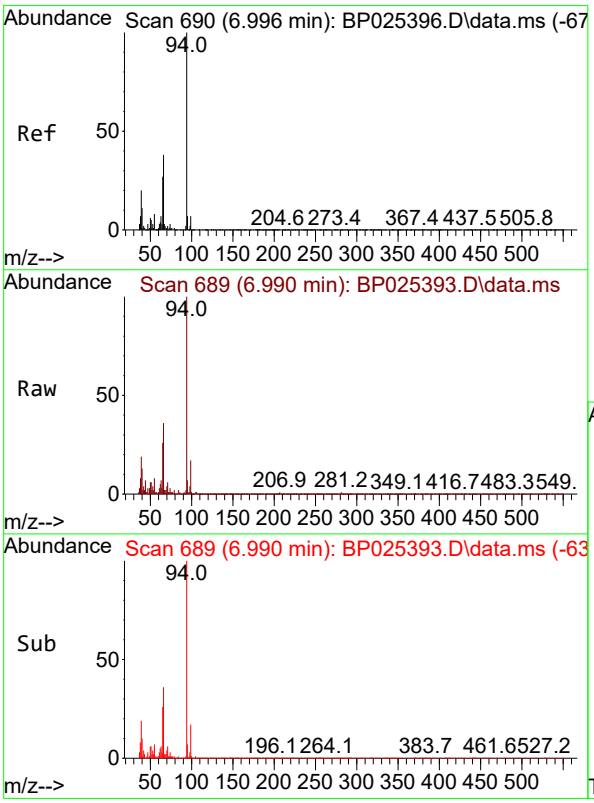
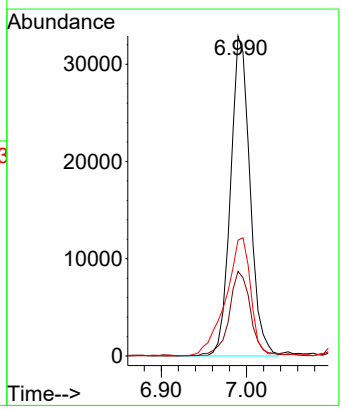
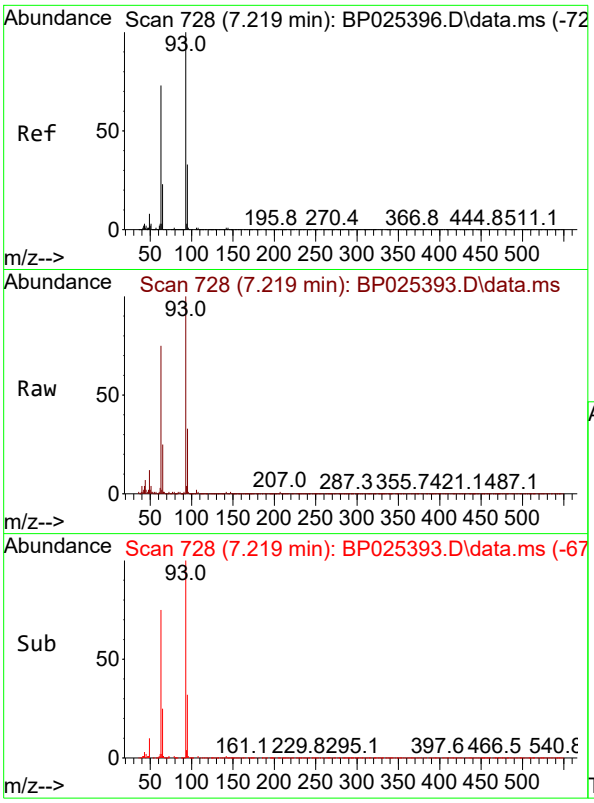


#10
Phenol
Concen: 4.919 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

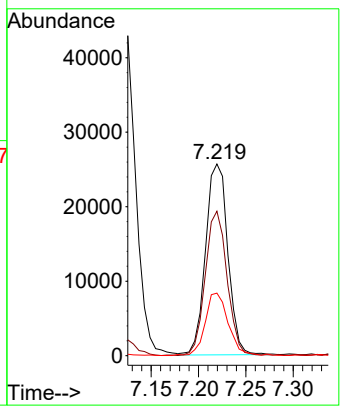




#11
bis(2-Chloroethyl)ether
Concen: 5.079 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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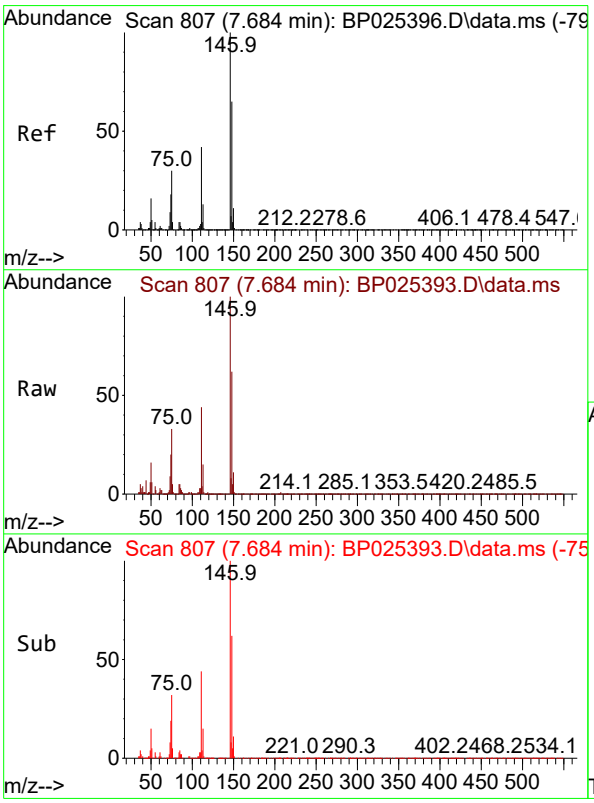
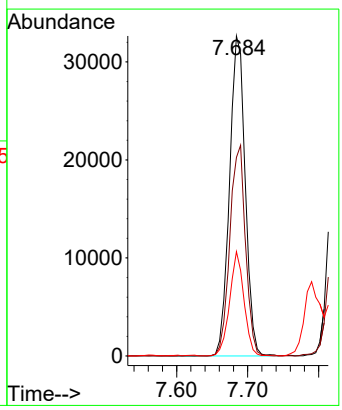
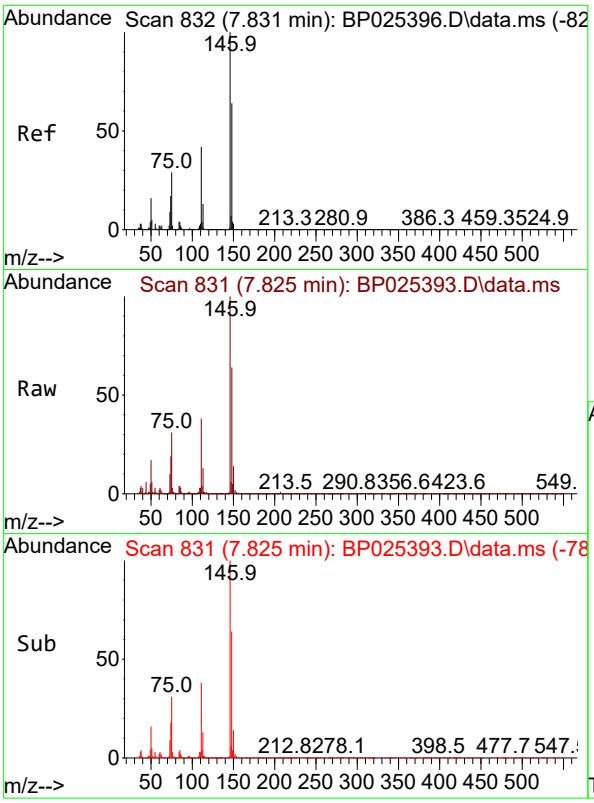


#12
1,3-Dichlorobenzene
Concen: 5.111 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

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ClientSampleId :
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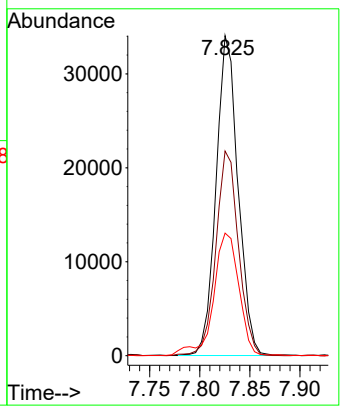
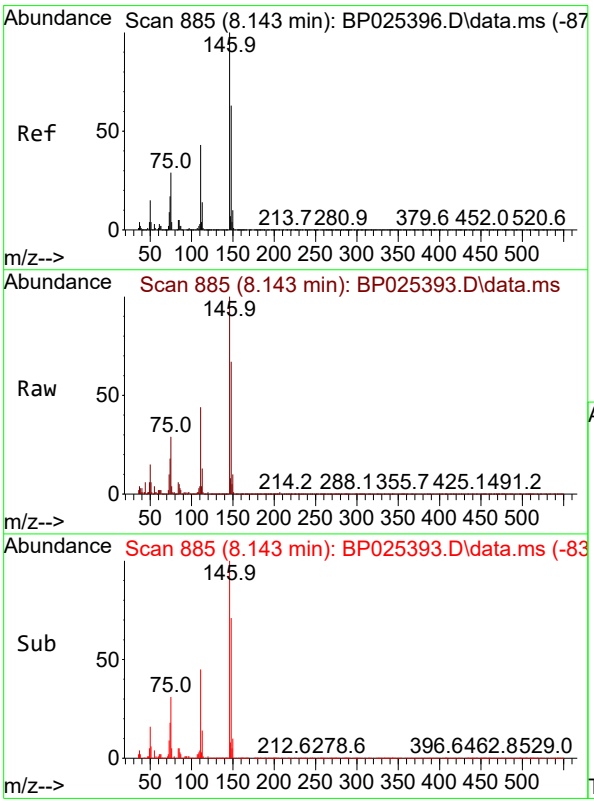
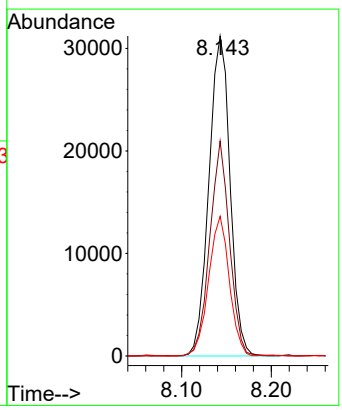


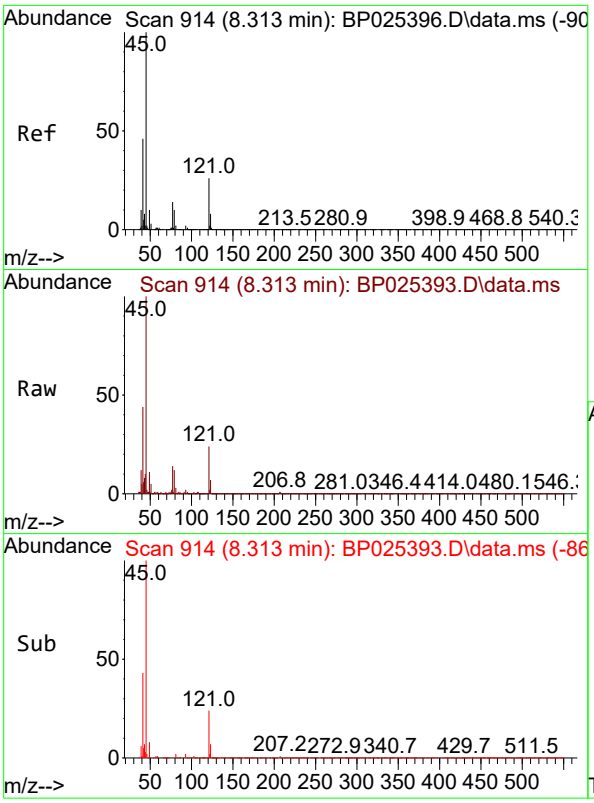


#14
1,2-Dichlorobenzene
Concen: 5.253 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

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ClientSampleId :
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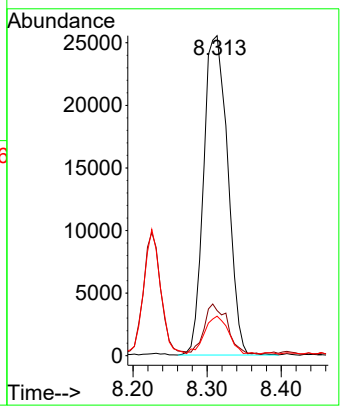
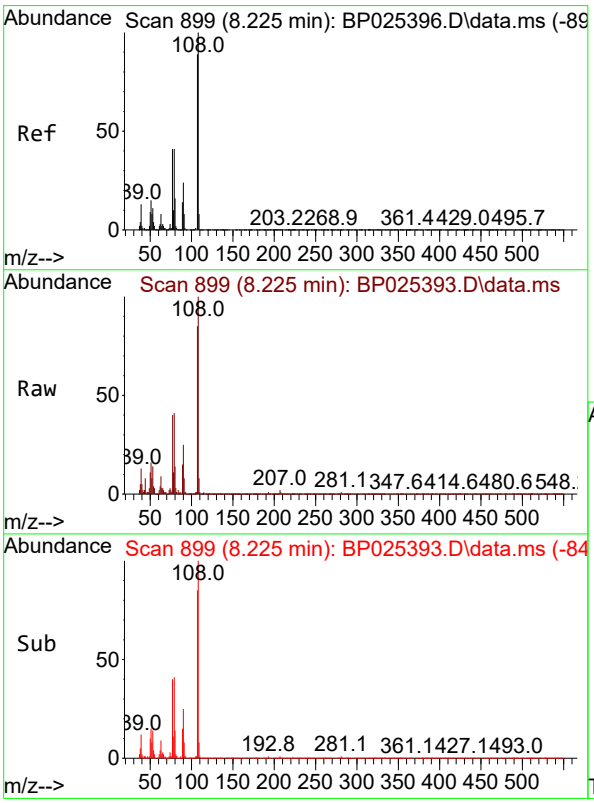
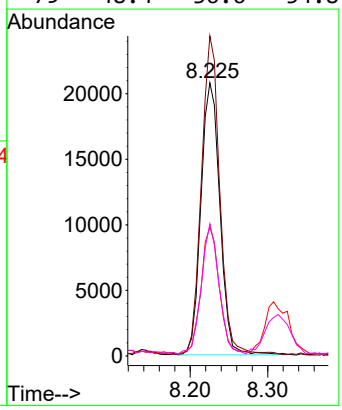


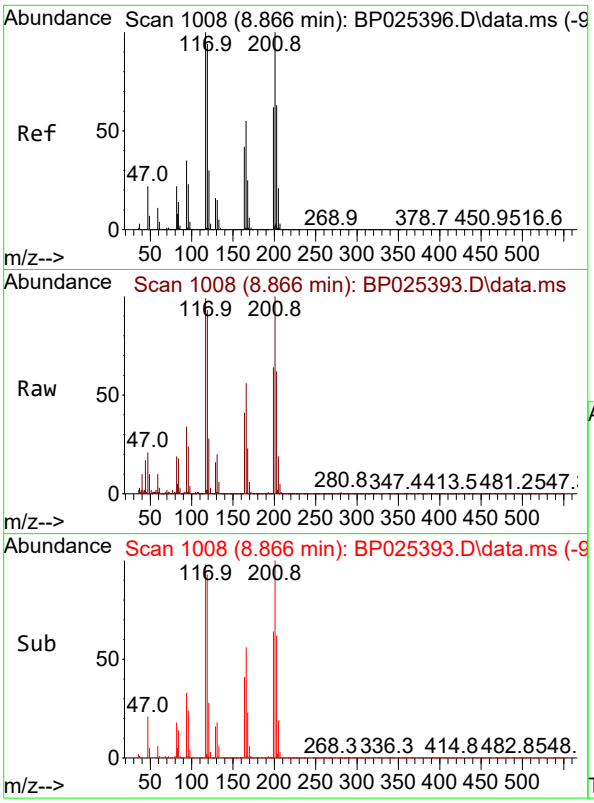


#17
2-Methylphenol
Concen: 4.776 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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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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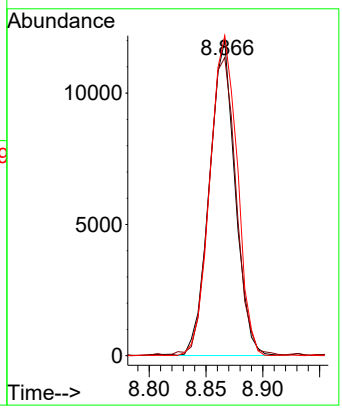
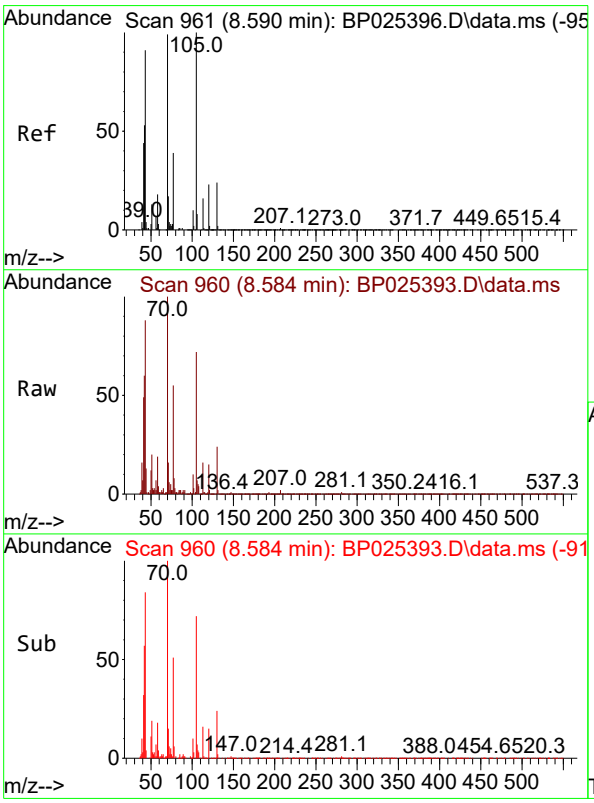
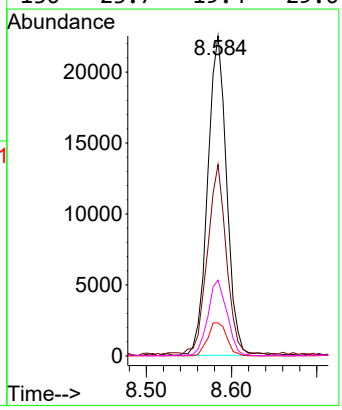


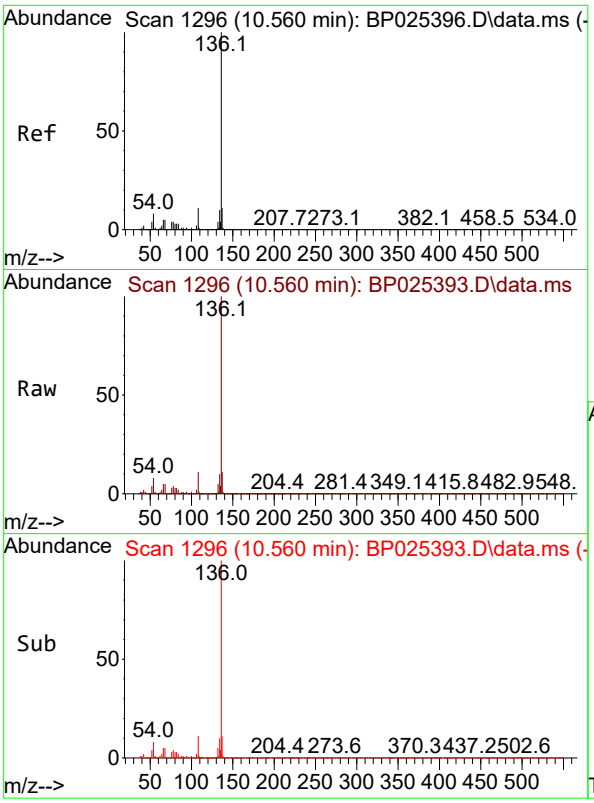


#19
n-Nitroso-di-n-propylamine
Concen: 5.205 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

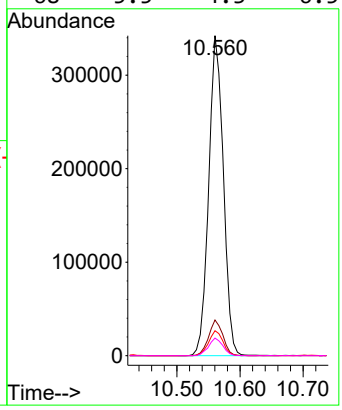




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
BNA_P
ClientSampleId :
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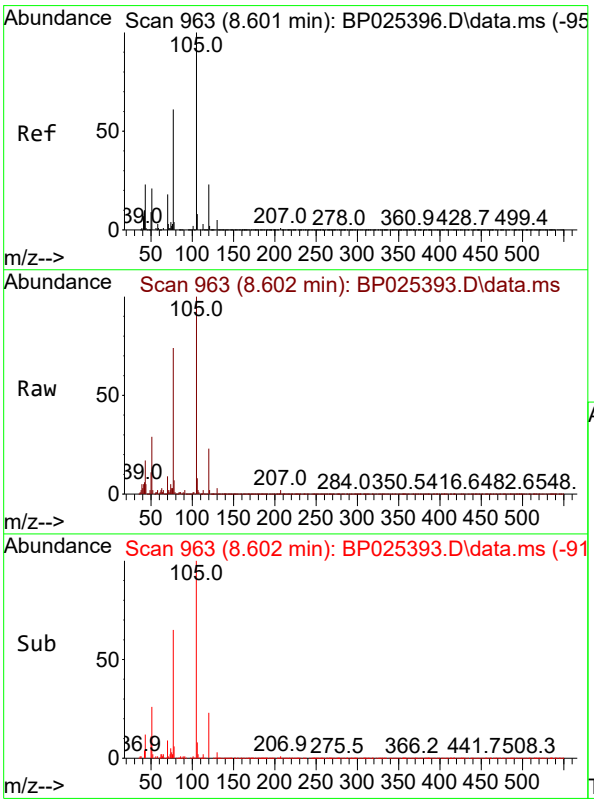
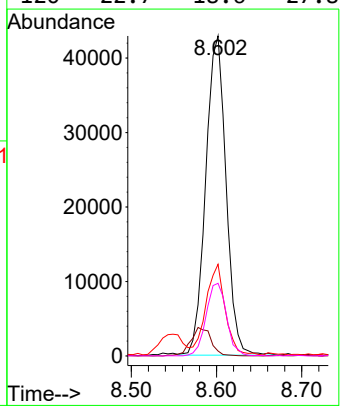
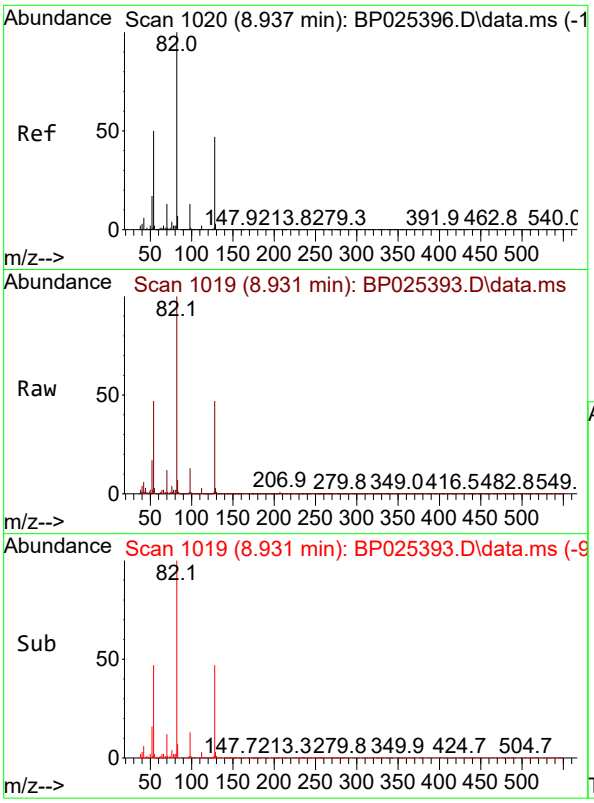


#22
Acetophenone
Concen: 5.134 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

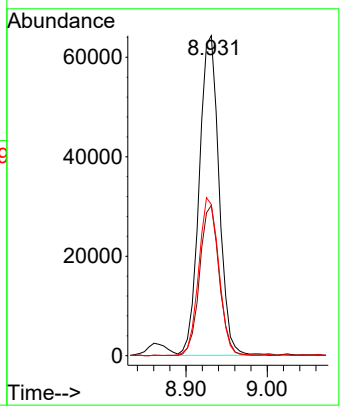




#23
Nitrobenzene-d5
Concen: 9.983 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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



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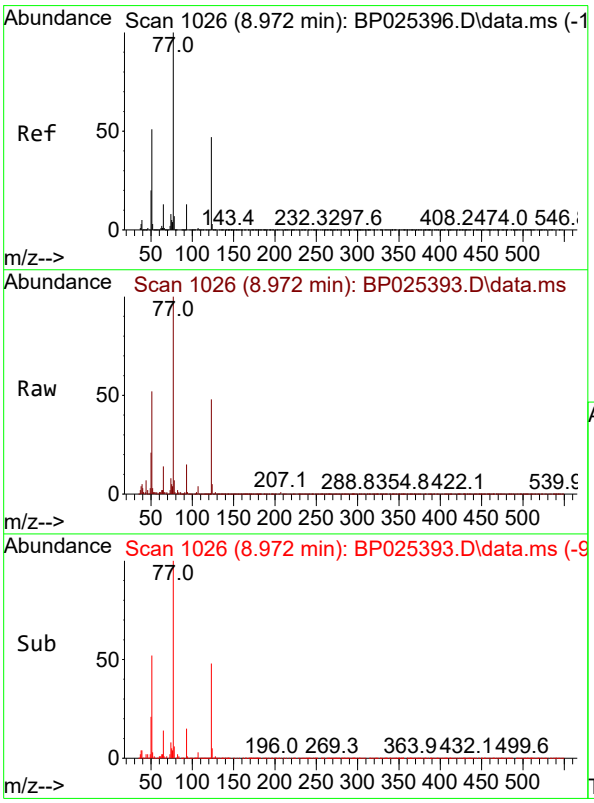
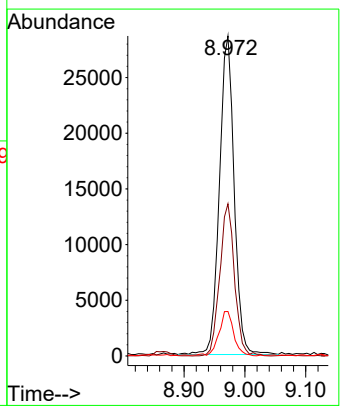
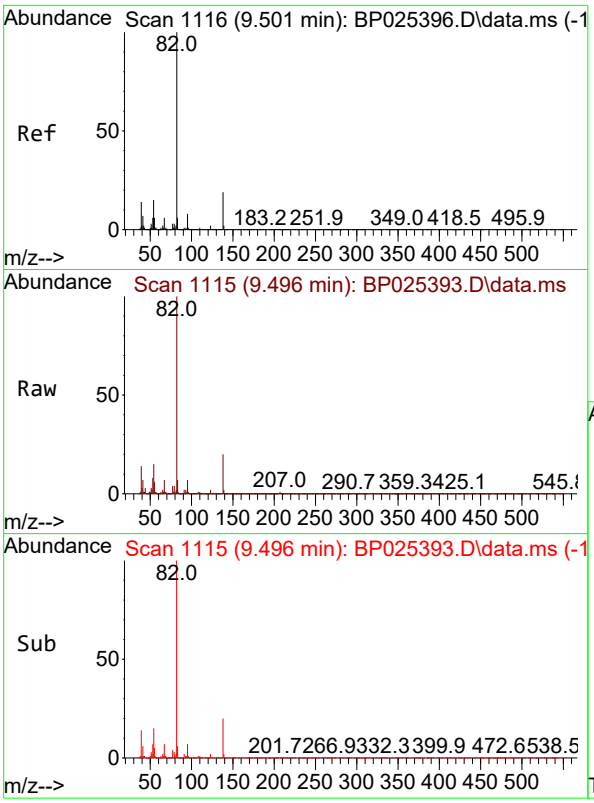


#24
Nitrobenzene
Concen: 4.951 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

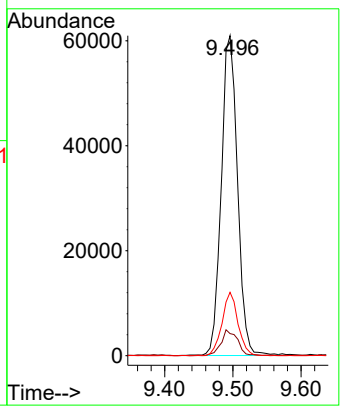




#25
Isophorone
Concen: 5.242 ng
RT: 9.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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



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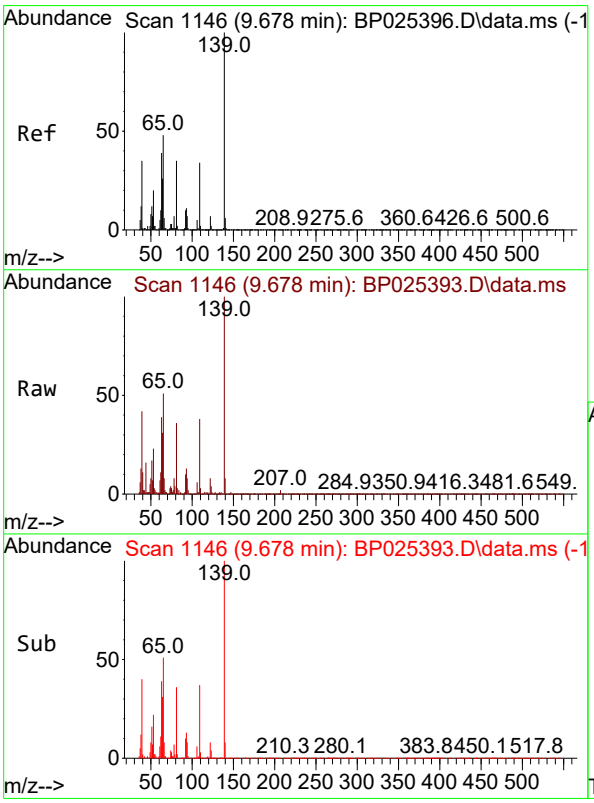
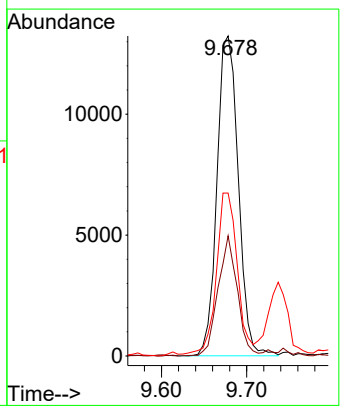
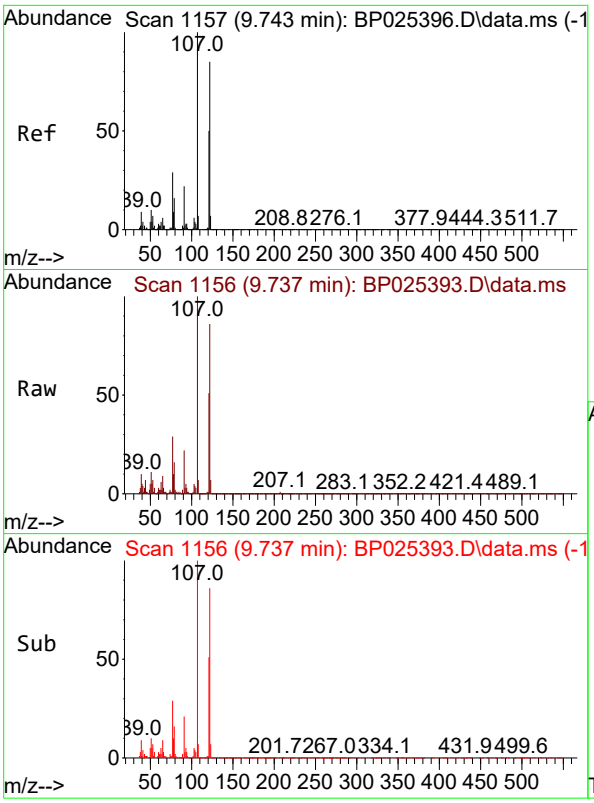


#26
2-Nitrophenol
Concen: 4.605 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

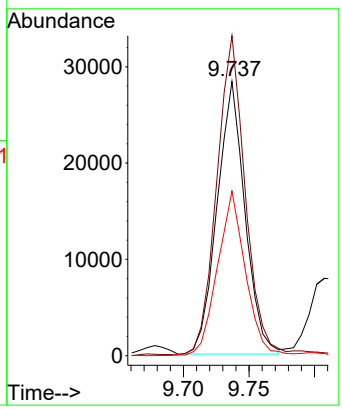




#27
2,4-Dimethylphenol
Concen: 4.861 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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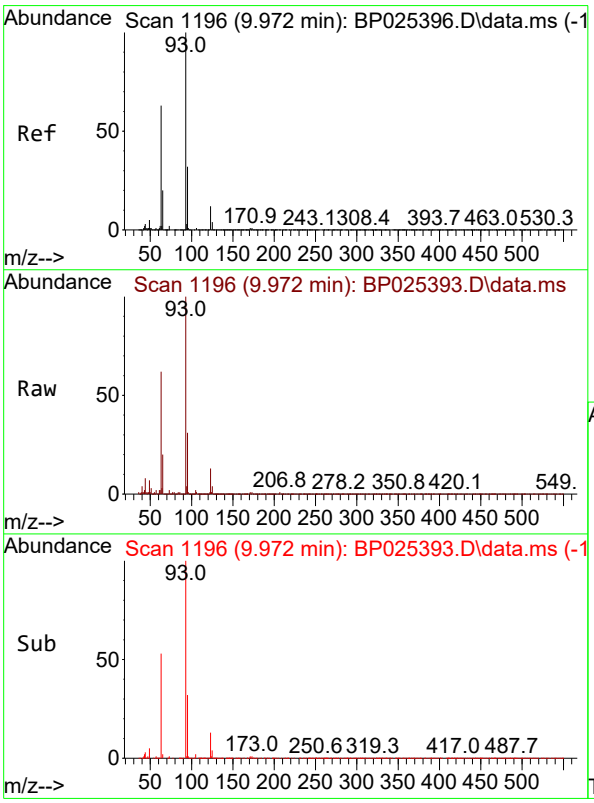
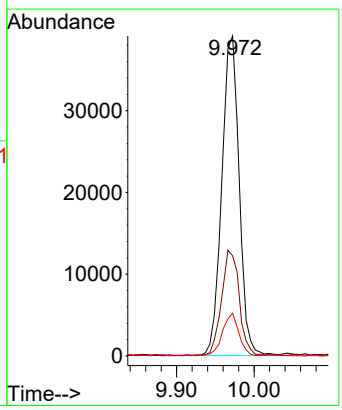
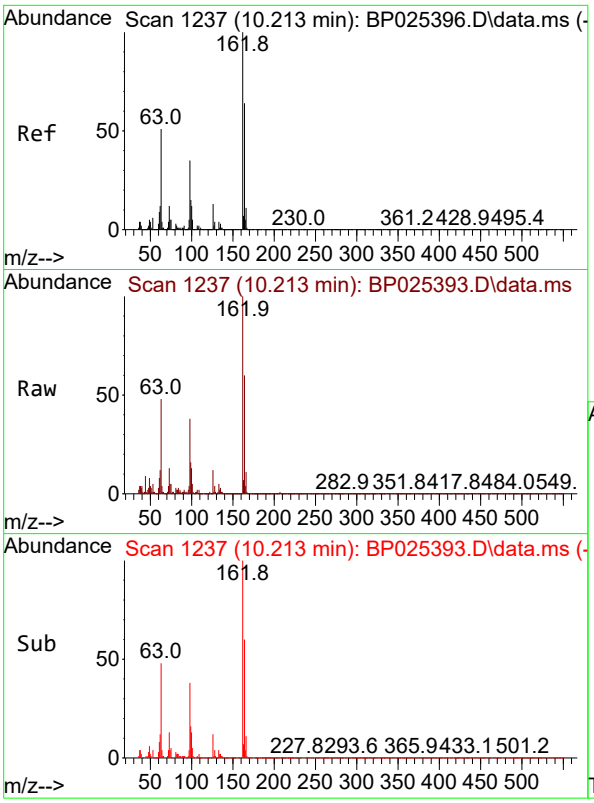


#28
bis(2-Chloroethoxy)methane
Concen: 5.233 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

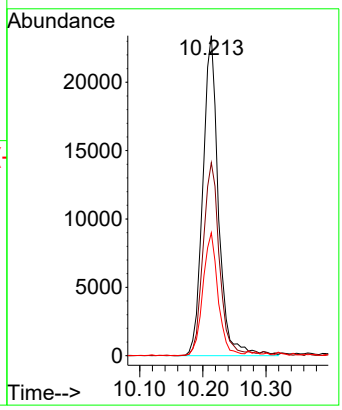




#29
2,4-Dichlorophenol
Concen: 4.723 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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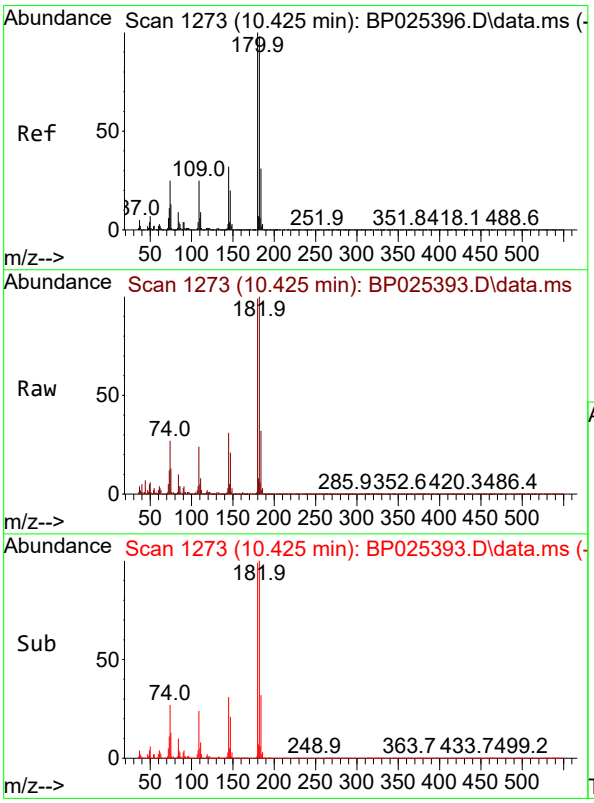
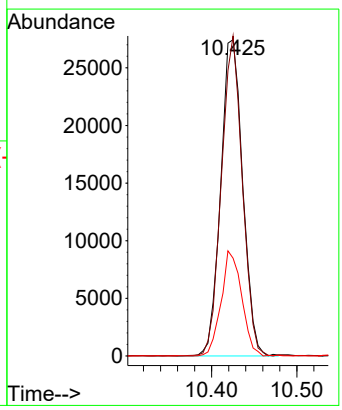
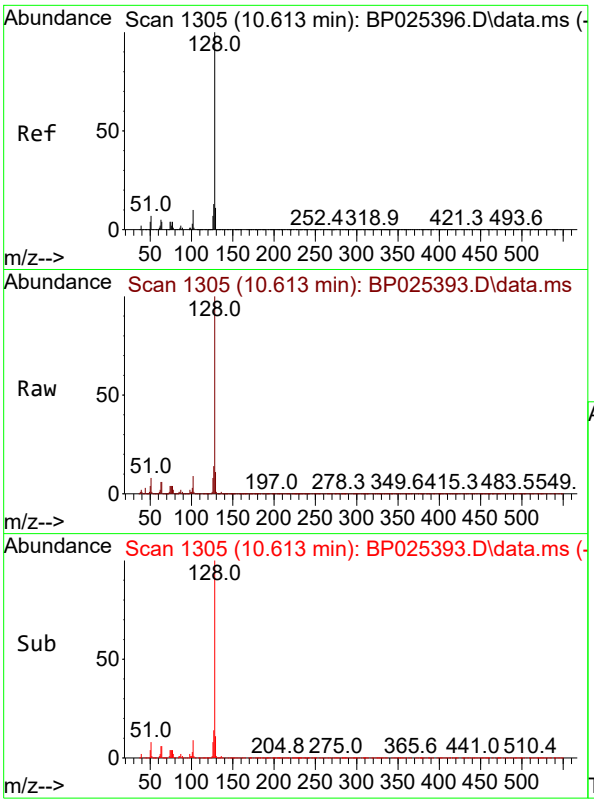


#30
1,2,4-Trichlorobenzene
Concen: 5.259 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

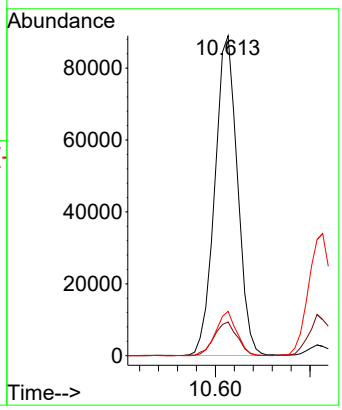




#31
Naphthalene
Concen: 5.141 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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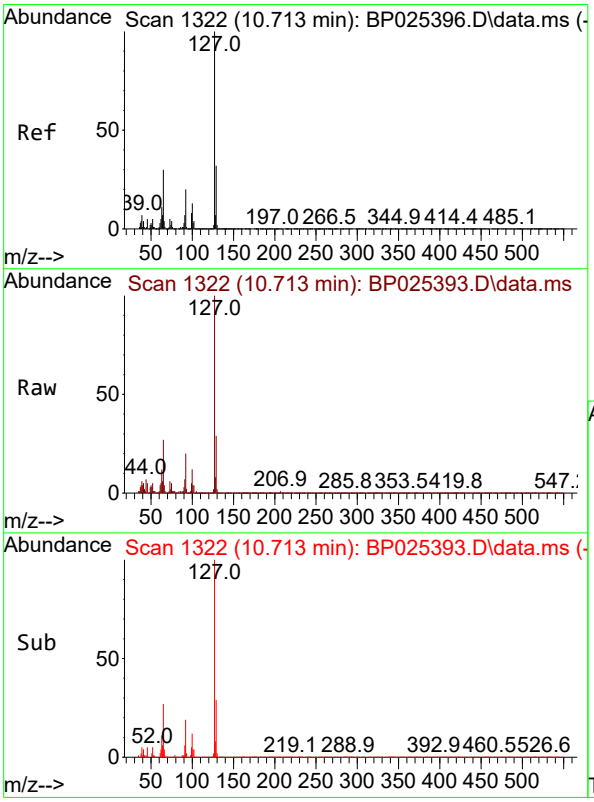
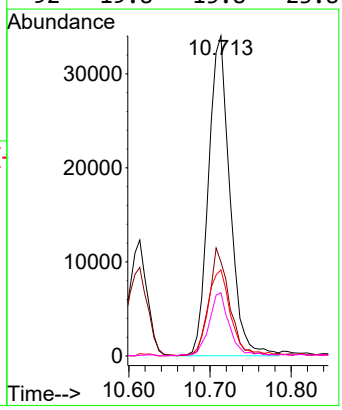
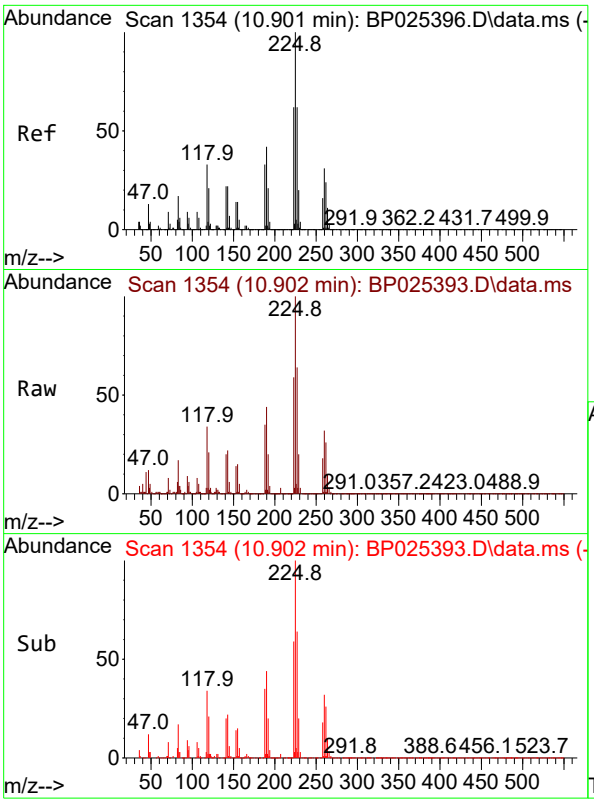


#33
4-Chloroaniline
Concen: 4.933 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

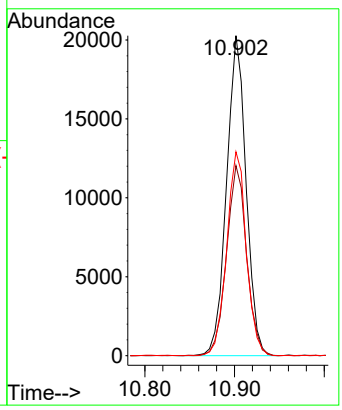




#34
Hexachlorobutadiene
Concen: 5.241 ng
RT: 10.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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ClientSampleId :
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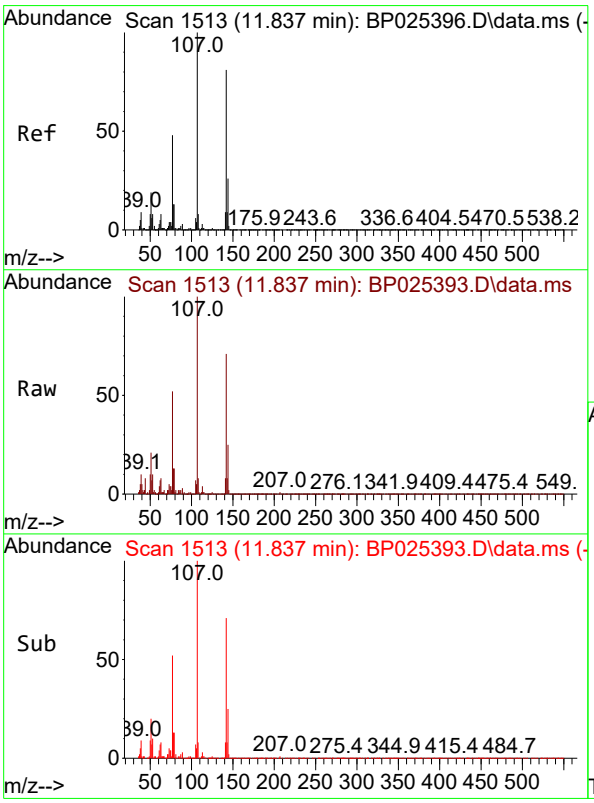
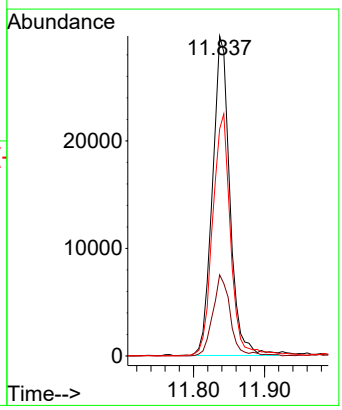
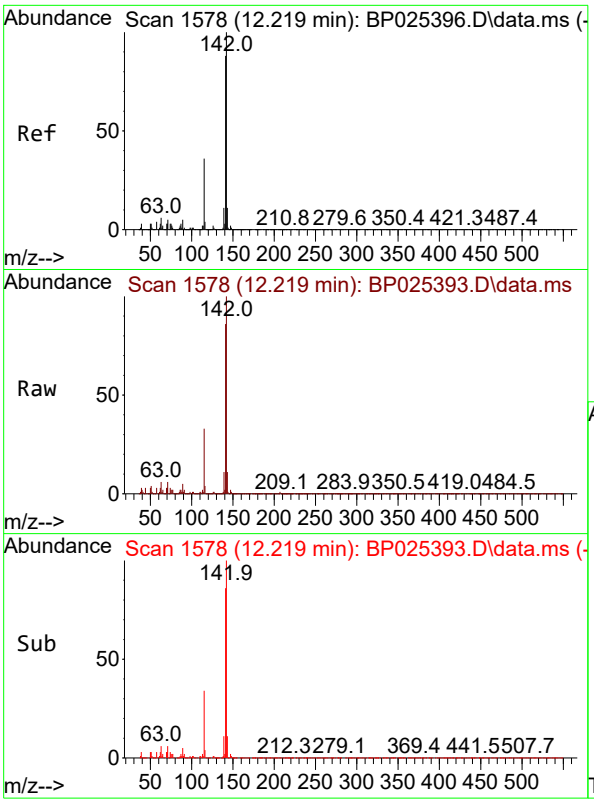


#36
4-Chloro-3-methylphenol
Concen: 5.154 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

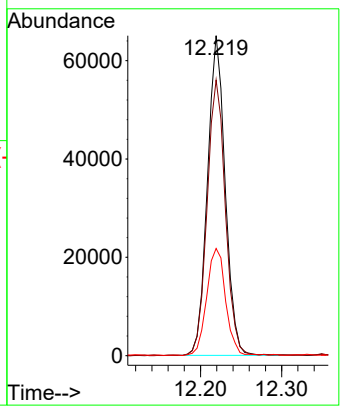




#37
2-Methylnaphthalene
Concen: 5.289 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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ClientSampleId :
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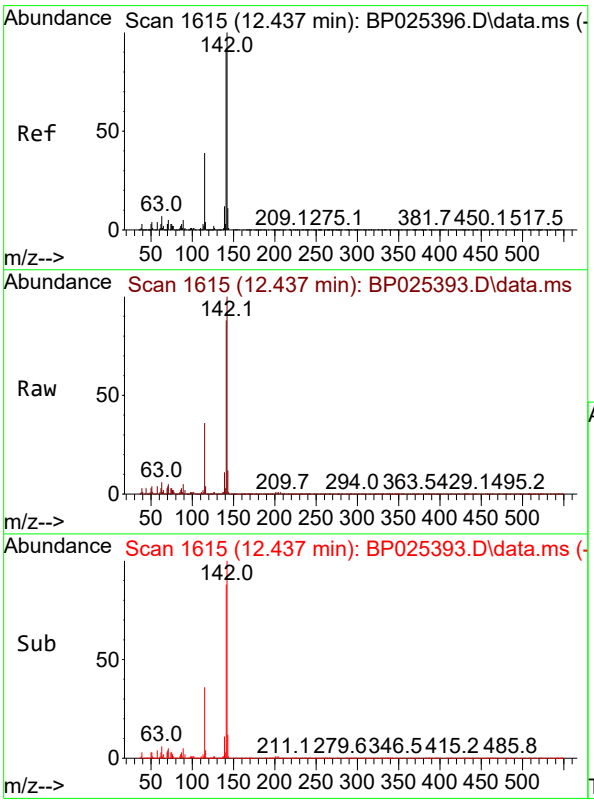
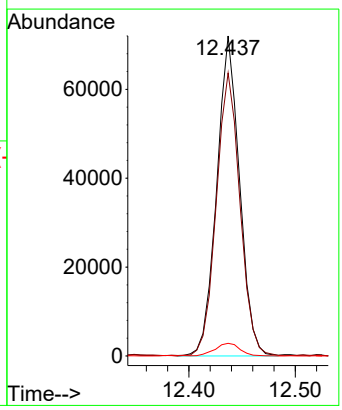
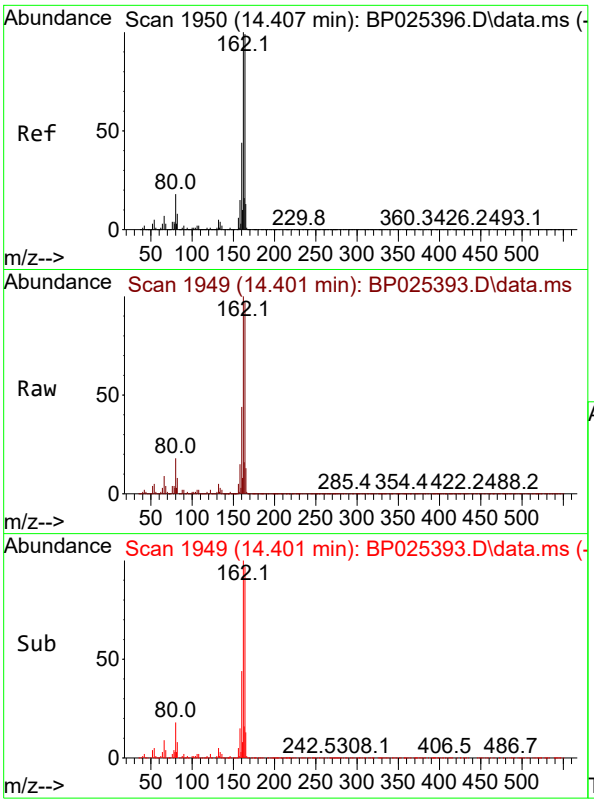


#38
1-Methylnaphthalene
Concen: 5.397 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

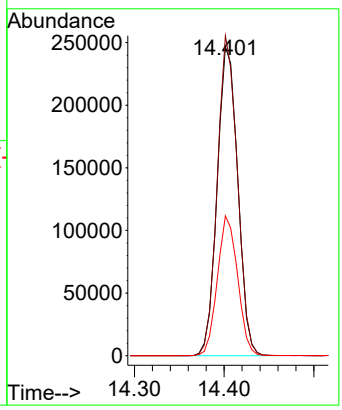




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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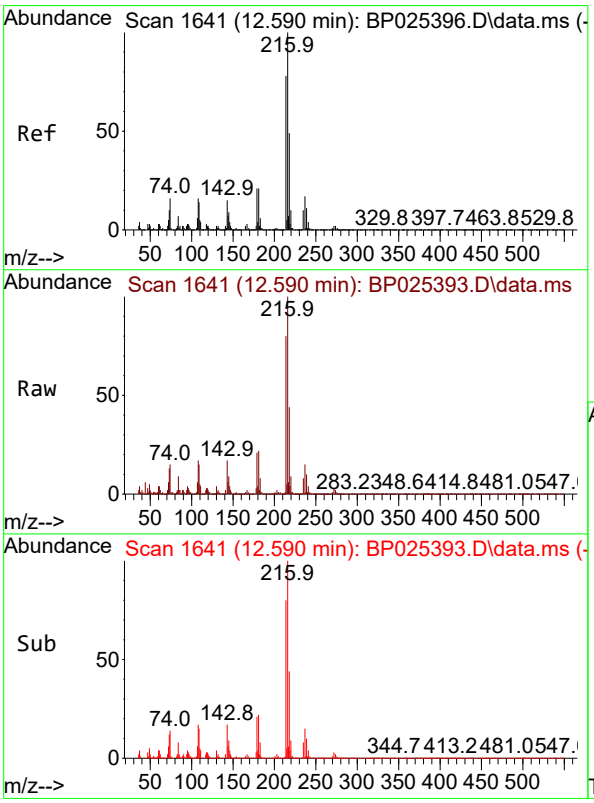
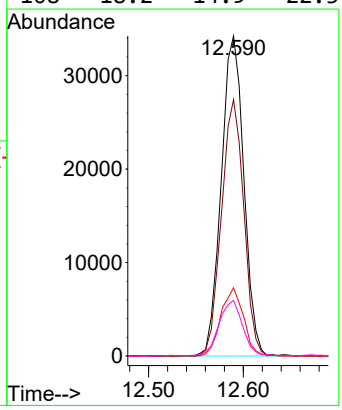
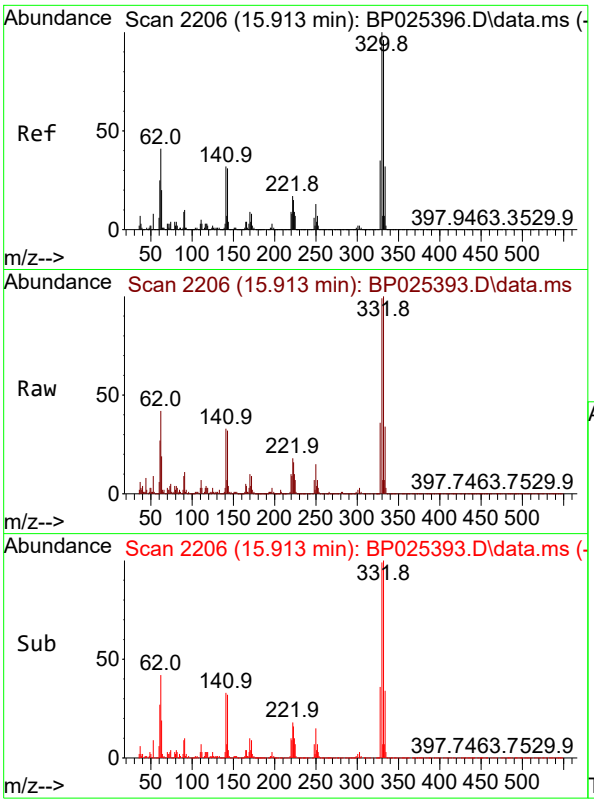


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.001 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

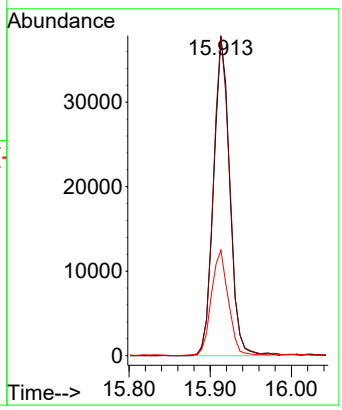




#42
2,4,6-Tribromophenol
Concen: 9.881 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
SSTDICC005

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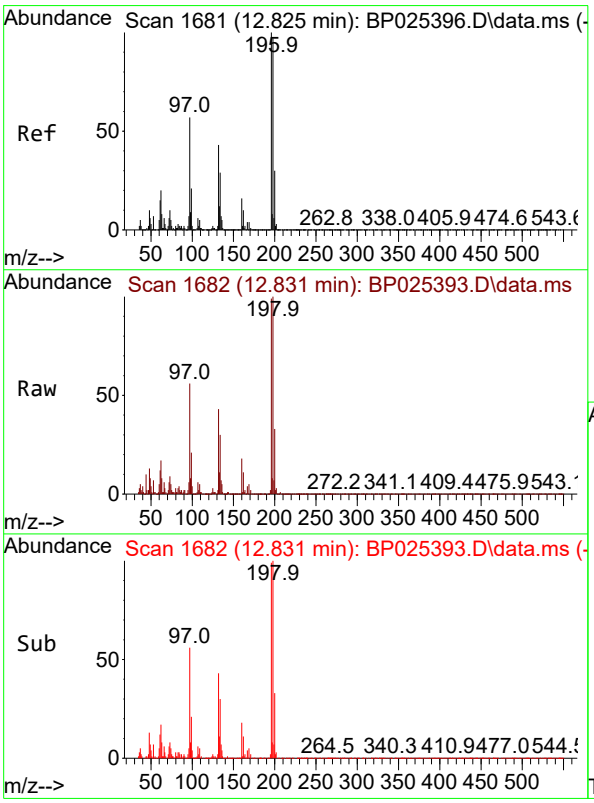
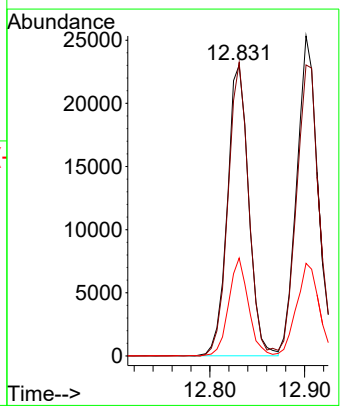
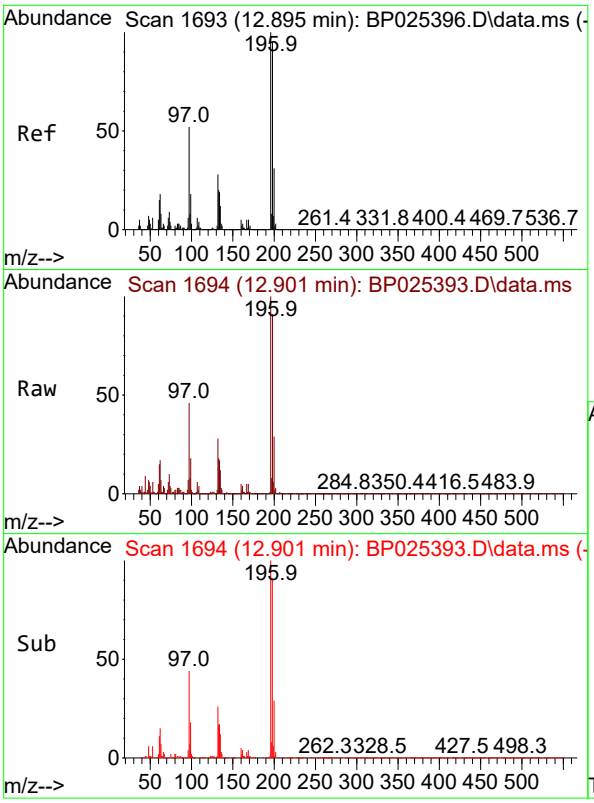


#43
2,4,6-Trichlorophenol
Concen: 4.718 ng
RT: 12.831 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

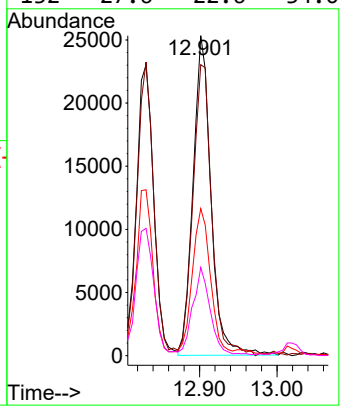




#44
2,4,5-Trichlorophenol
Concen: 4.875 ng
RT: 12.901 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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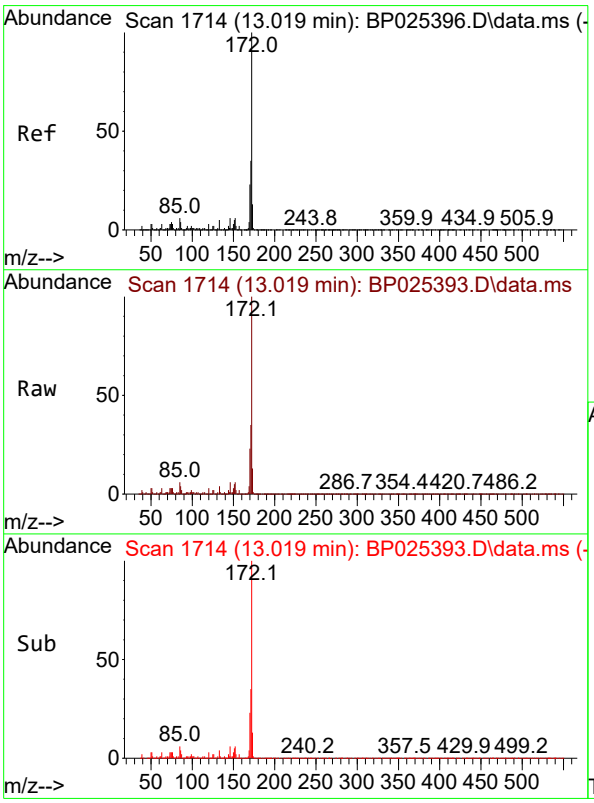
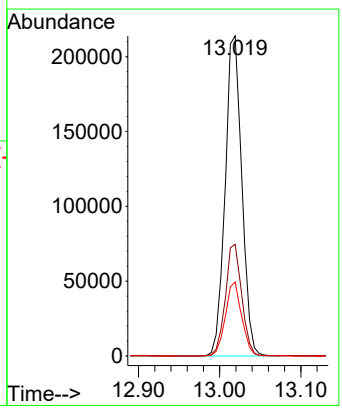
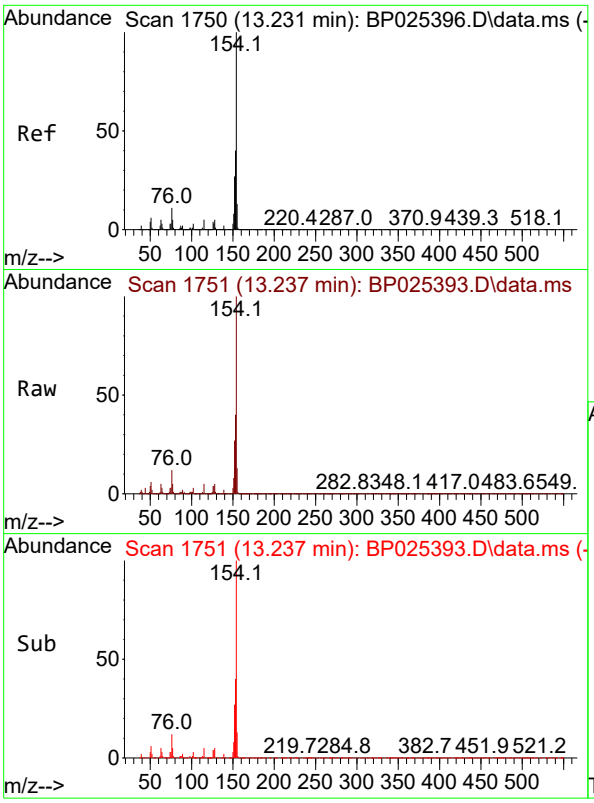


#45
2-Fluorobiphenyl
Concen: 10.649 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

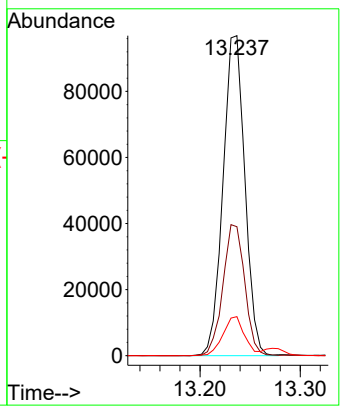




#46
1,1'-Biphenyl
Concen: 5.146 ng
RT: 13.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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ClientSampleId :
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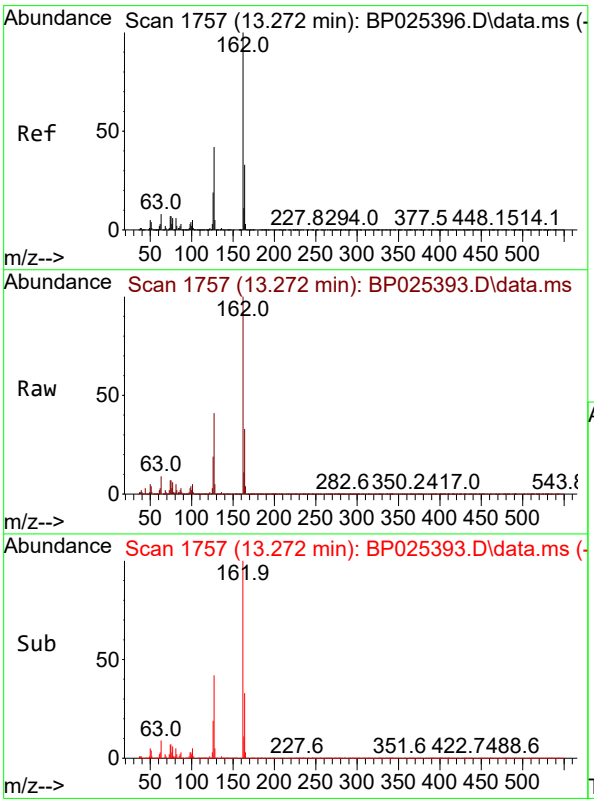
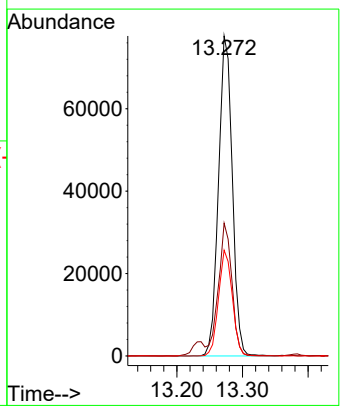
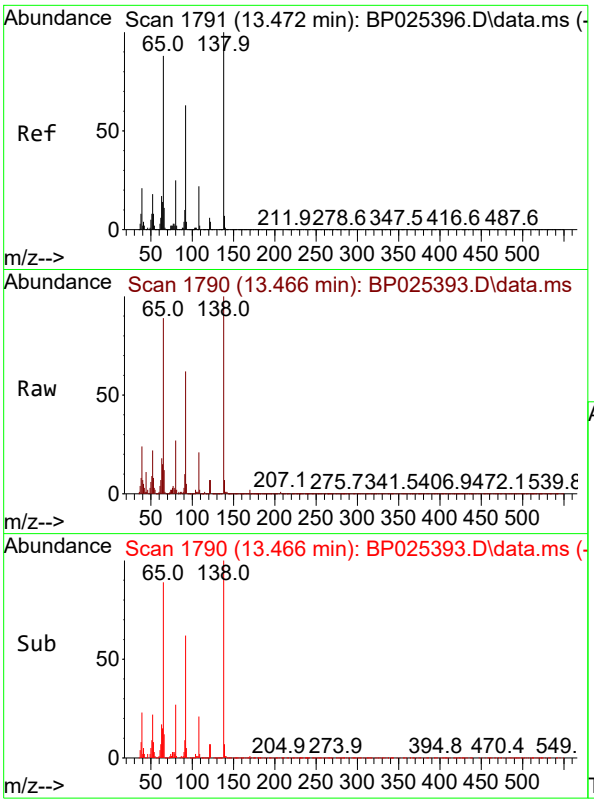


#47
2-Chloronaphthalene
Concen: 5.094 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

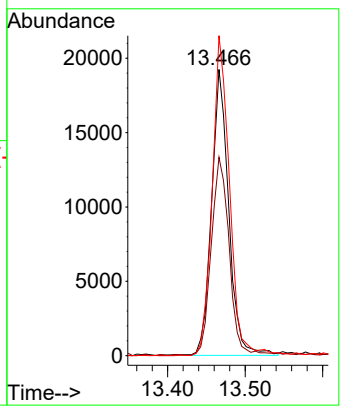




#48
2-Nitroaniline
Concen: 4.568 ng
RT: 13.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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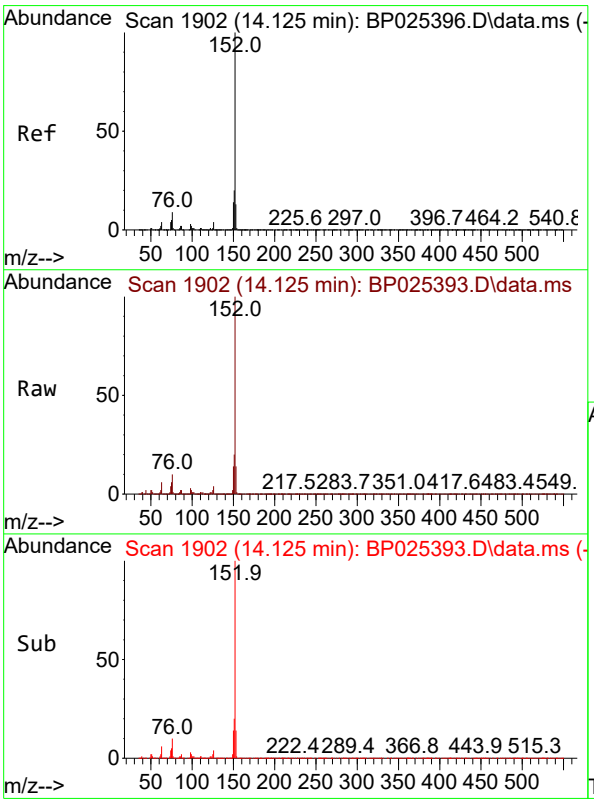
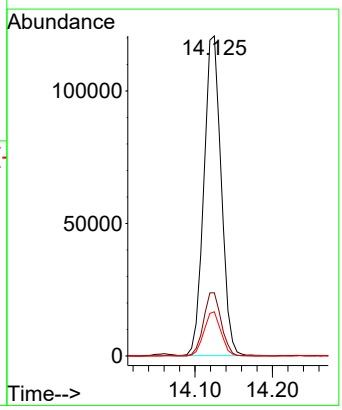
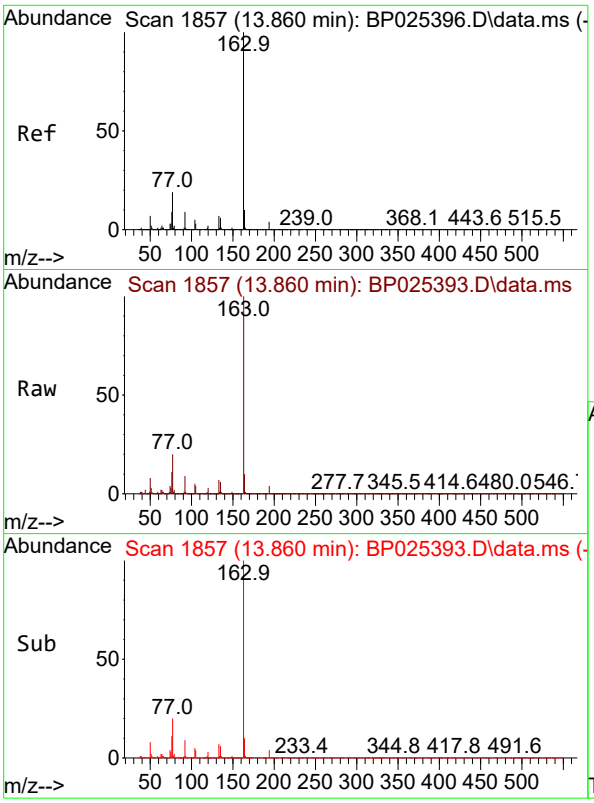


#49
Acenaphthylene
Concen: 5.095 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

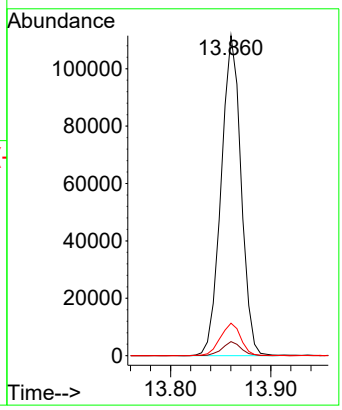




#50
Dimethylphthalate
Concen: 5.355 ng
RT: 13.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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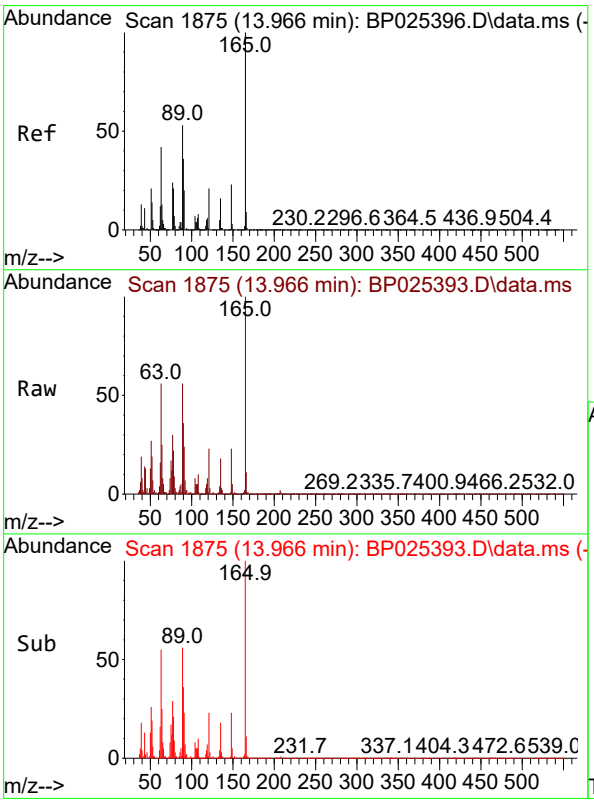
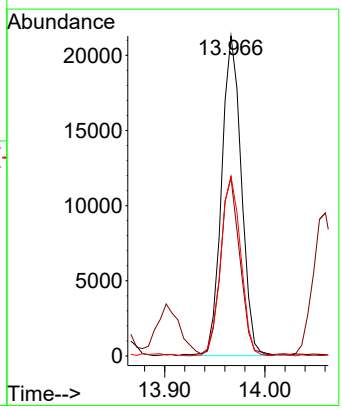
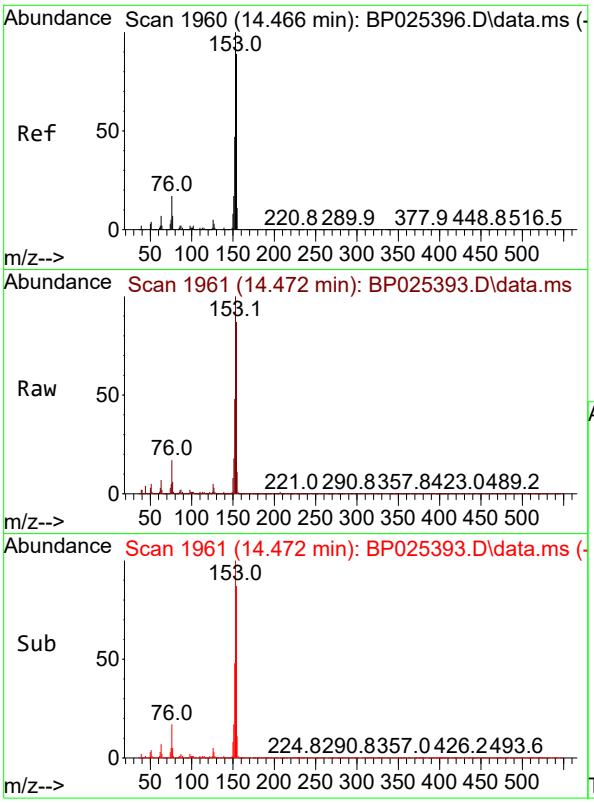


#51
2,6-Dinitrotoluene
Concen: 4.803 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

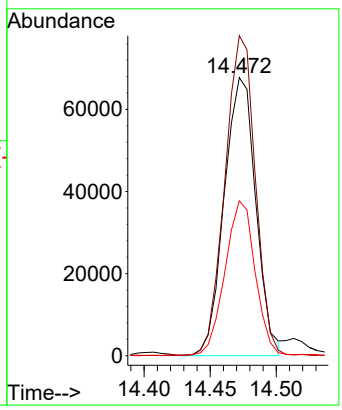




#52
Acenaphthene
Concen: 5.232 ng m
RT: 14.472 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
SSTDICC005

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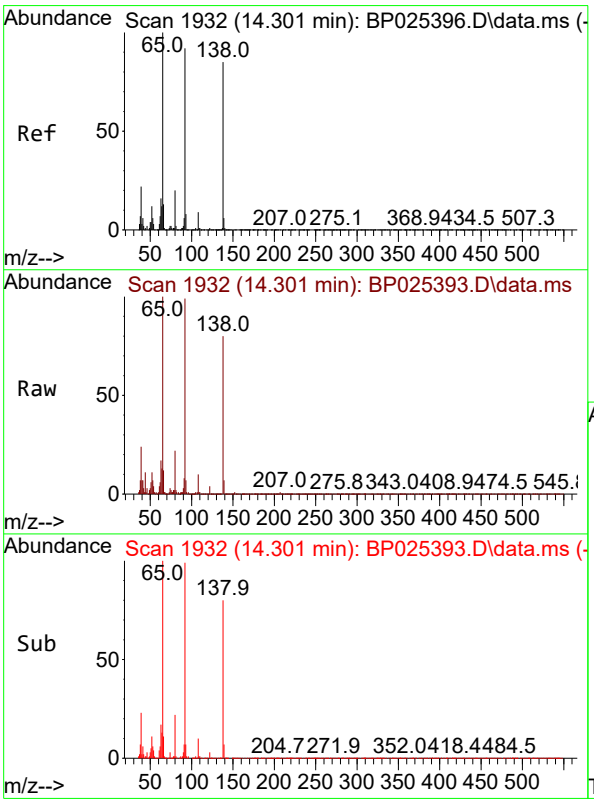
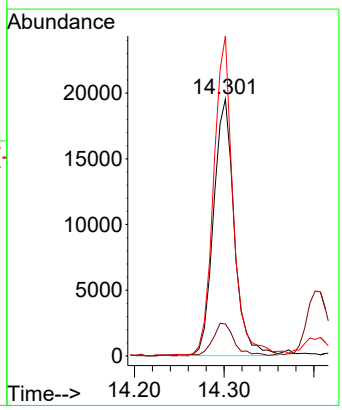
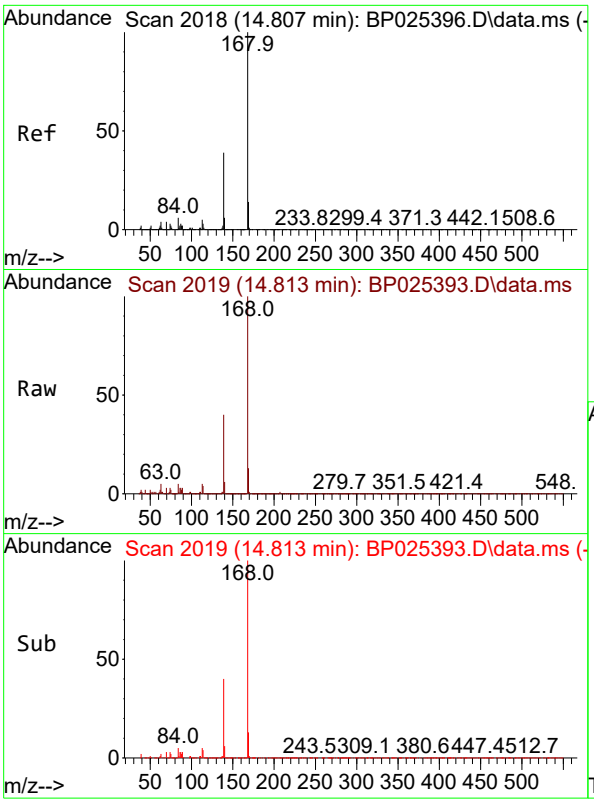


#53
3-Nitroaniline
Concen: 4.583 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

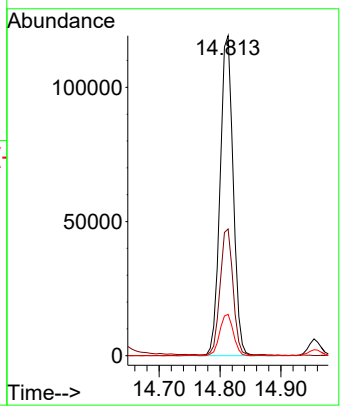




#55
Dibenzofuran
Concen: 5.240 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
BNA_P
ClientSampleId :
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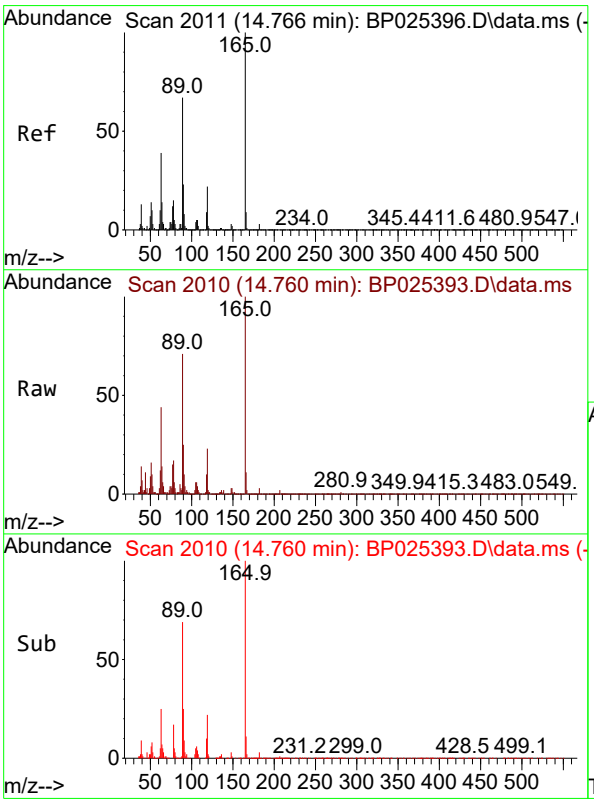
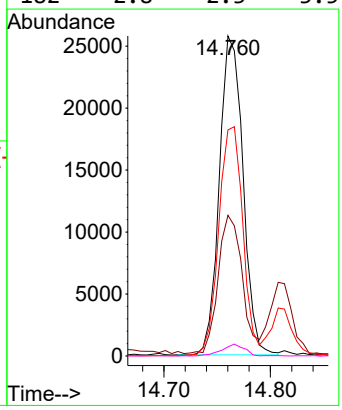
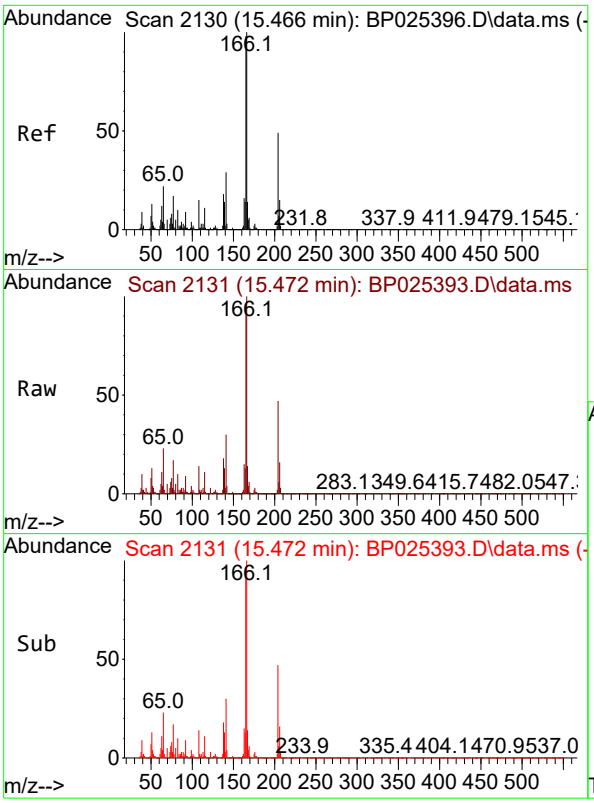


#57
2,4-Dinitrotoluene
Concen: 4.590 ng
RT: 14.760 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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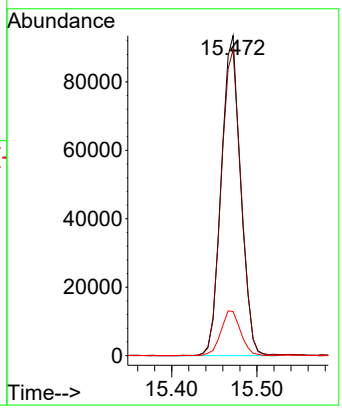
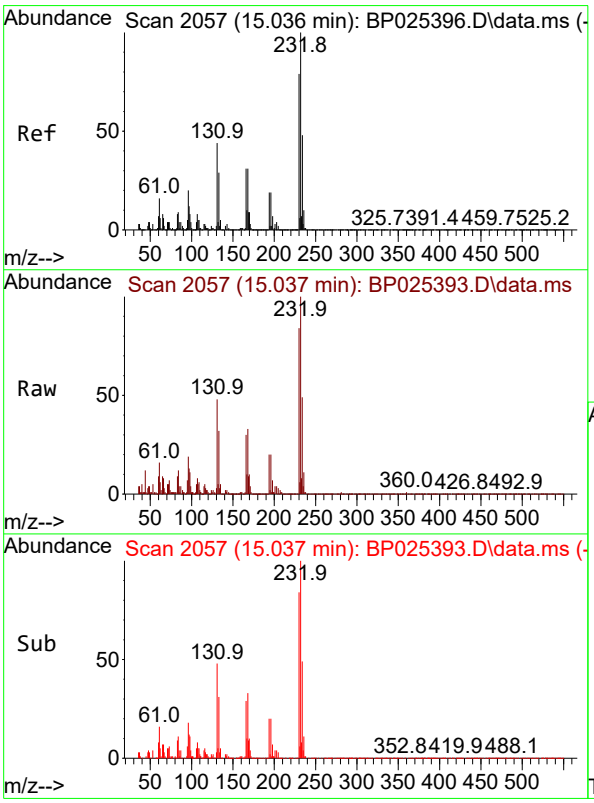
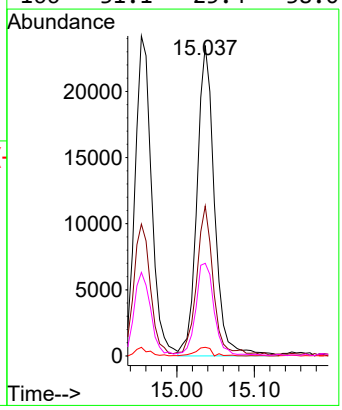


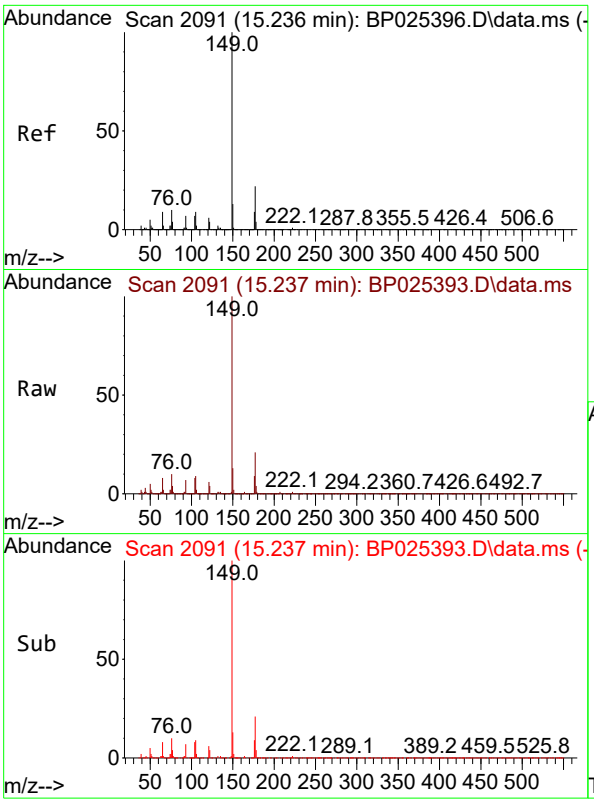


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.968 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

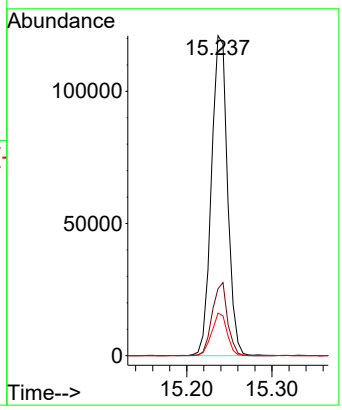




#60
Diethylphthalate
Concen: 5.426 ng
RT: 15.237 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
BNA_P
ClientSampleId :
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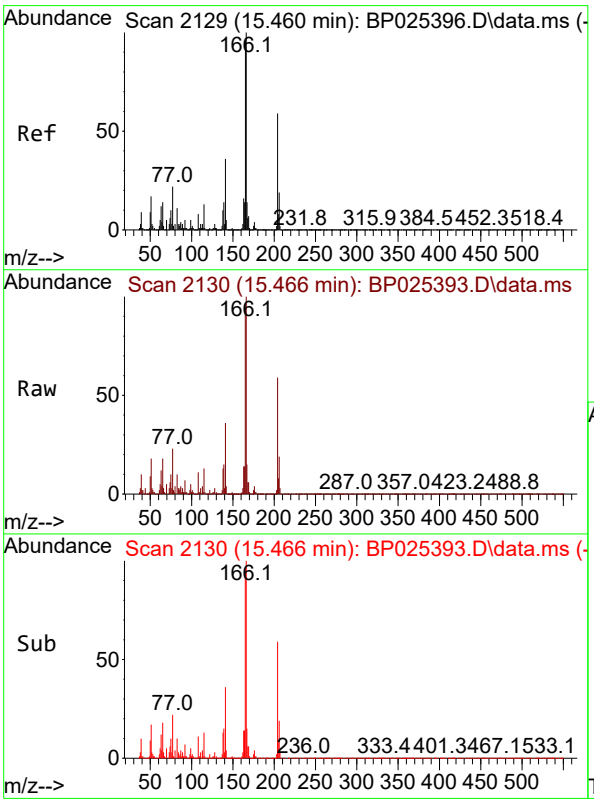
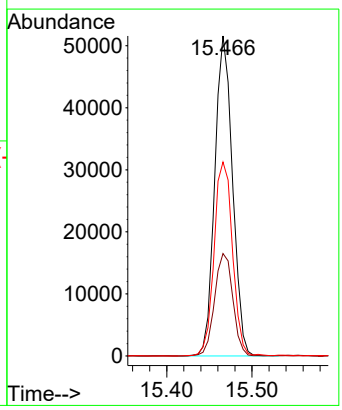
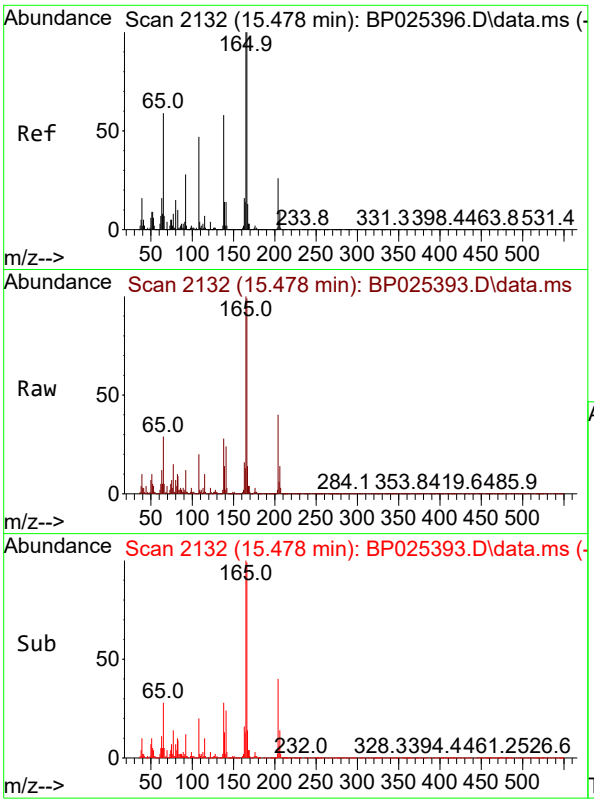


#61
4-Chlorophenyl-phenylether
Concen: 5.583 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

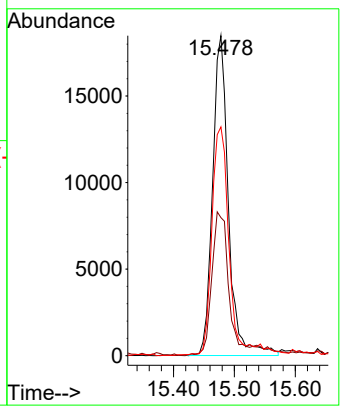




#62
4-Nitroaniline
Concen: 4.791 ng
RT: 15.478 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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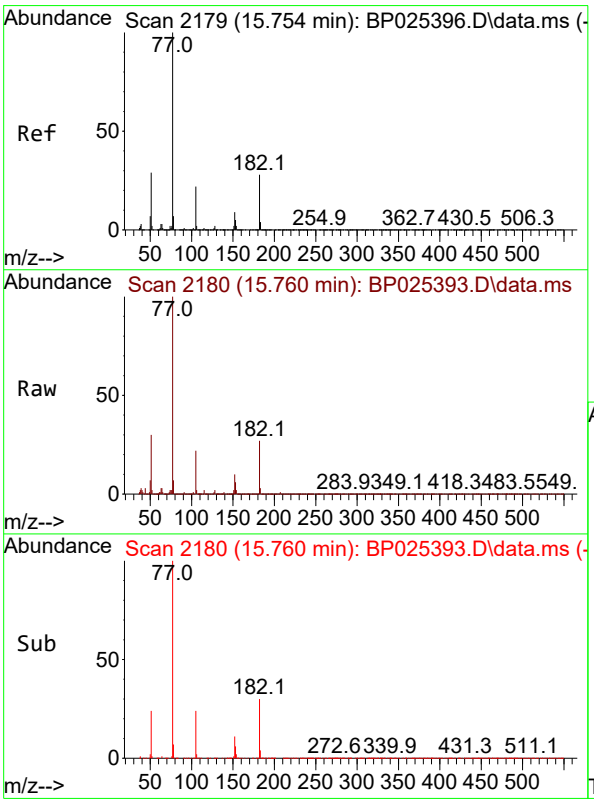
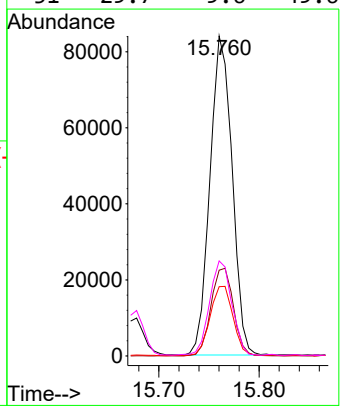
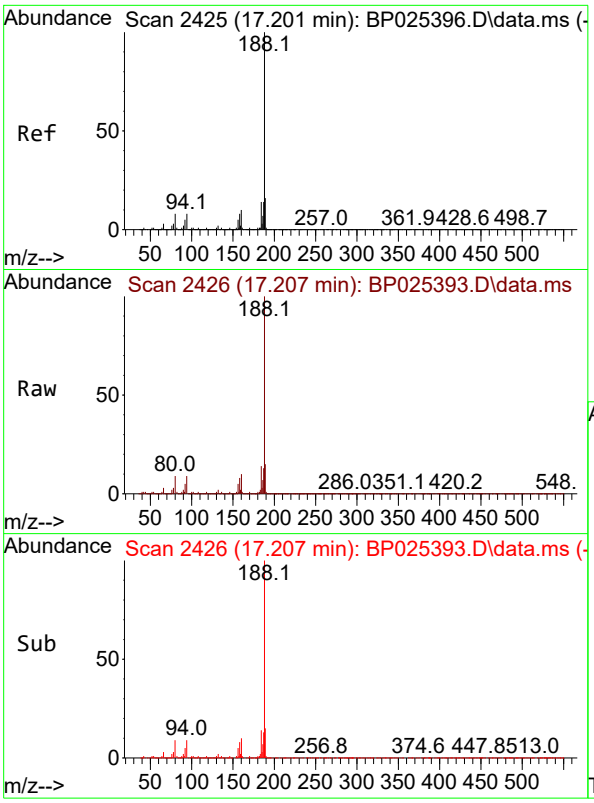


#63
Azobenzene
Concen: 5.159 ng
RT: 15.760 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

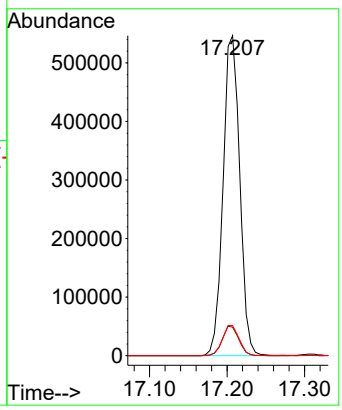




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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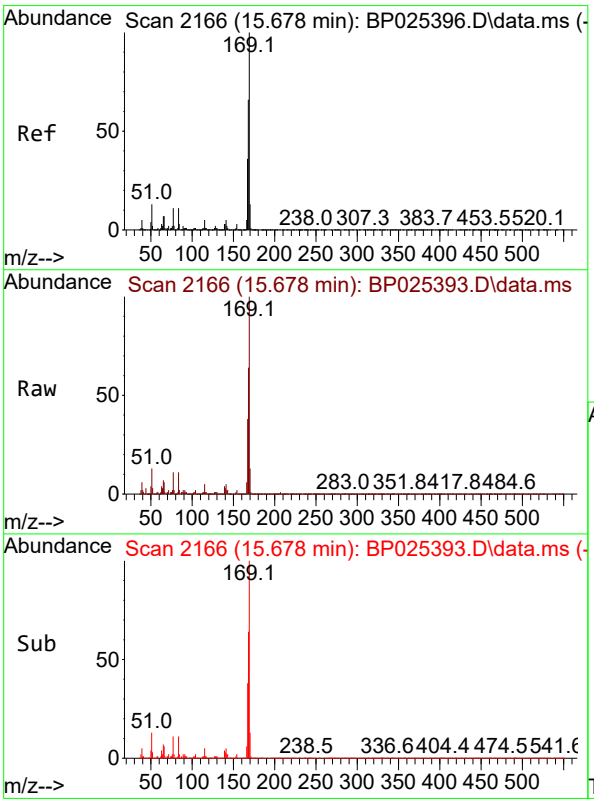
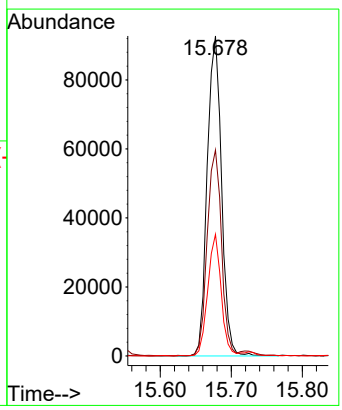
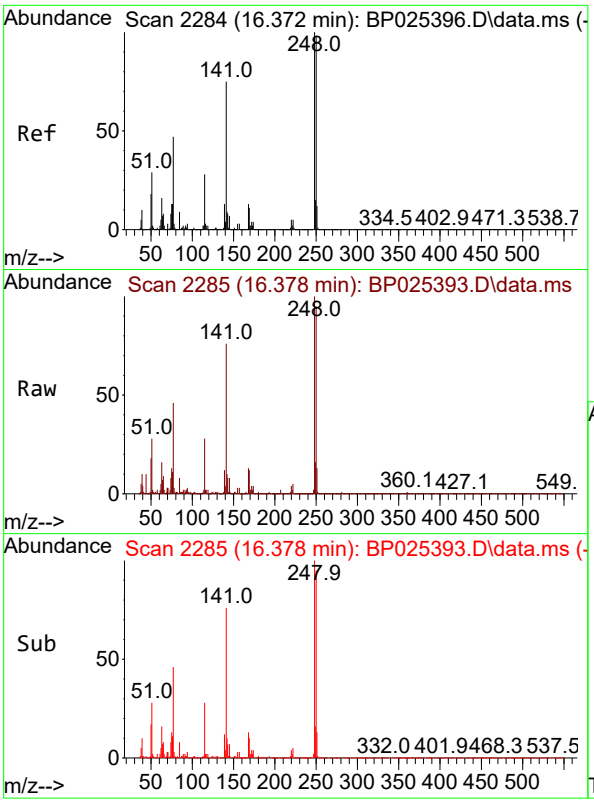


#66
n-Nitrosodiphenylamine
Concen: 5.214 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

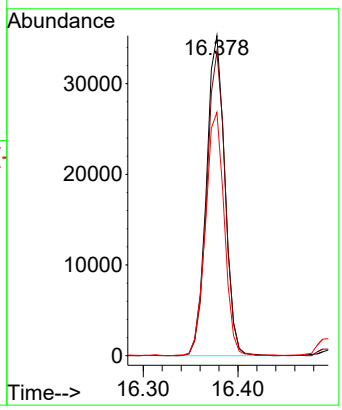




#67
4-Bromophenyl-phenylether
Concen: 5.299 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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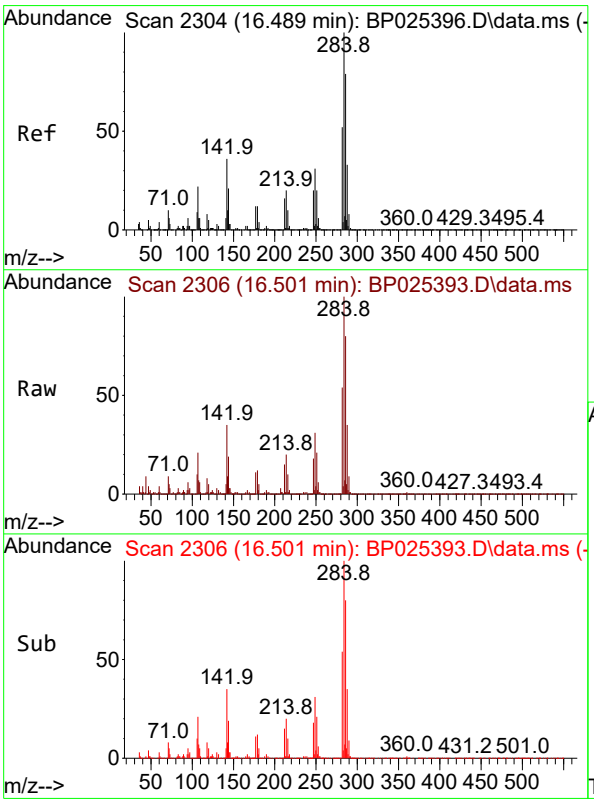
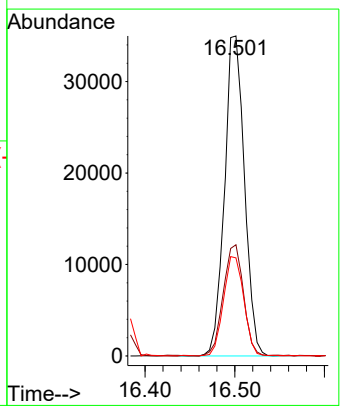
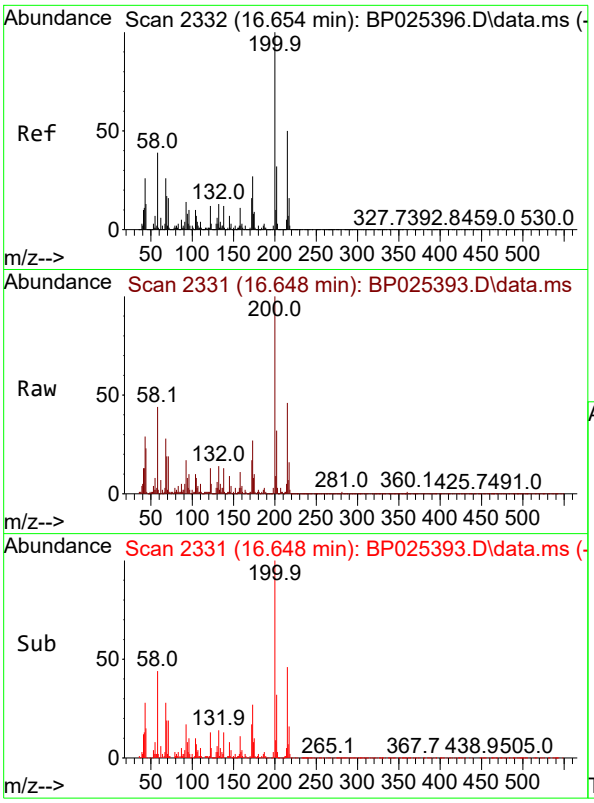


#68
Hexachlorobenzene
Concen: 5.183 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

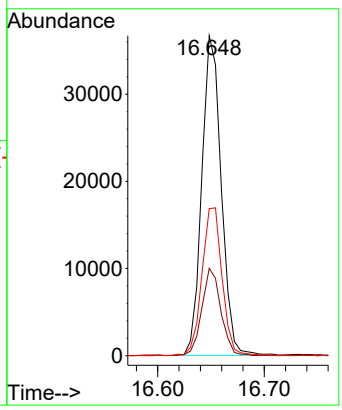




#69
Atrazine
Concen: 5.015 ng
RT: 16.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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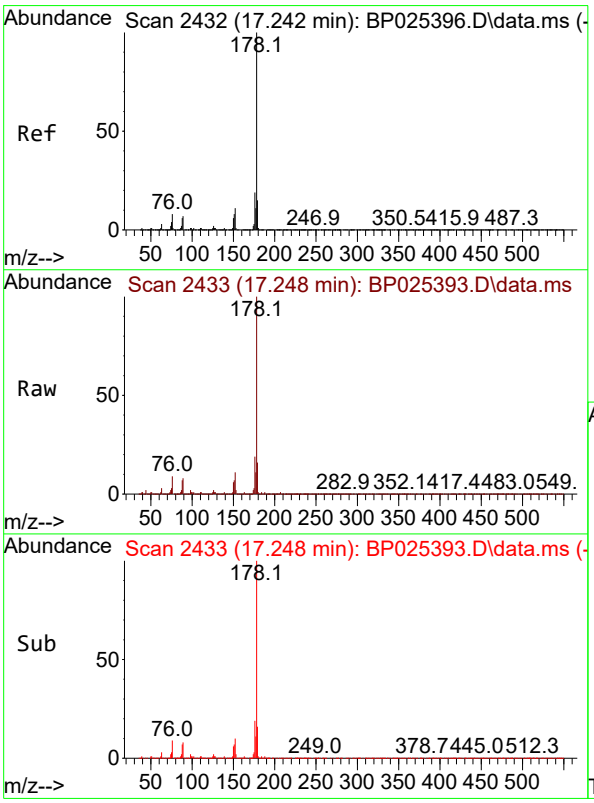
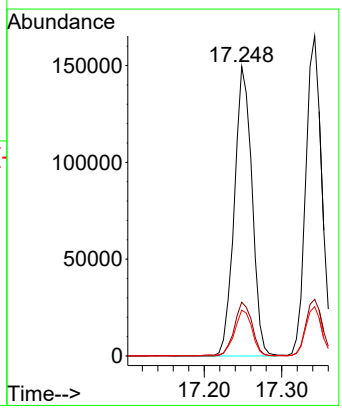
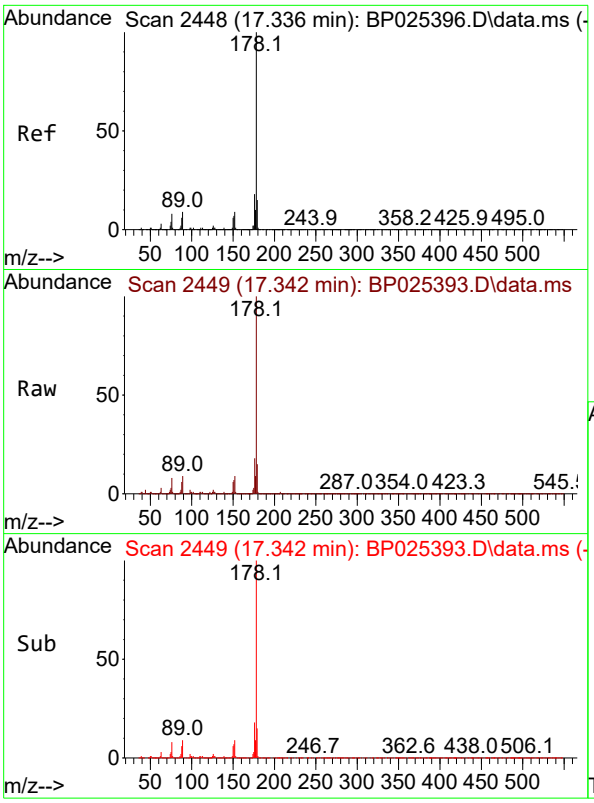


#71
Phenanthrene
Concen: 5.287 ng
RT: 17.248 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

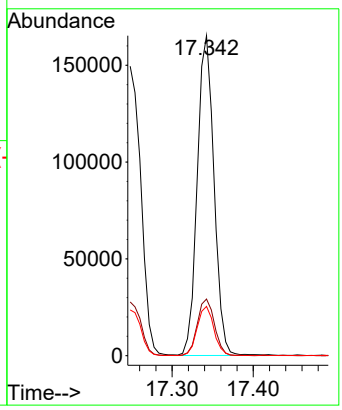




#72
Anthracene
Concen: 5.174 ng
RT: 17.342 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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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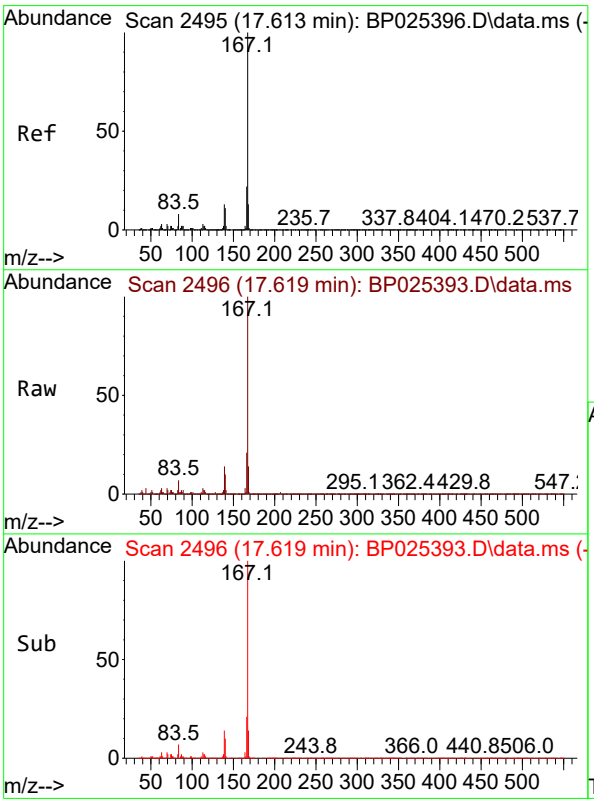
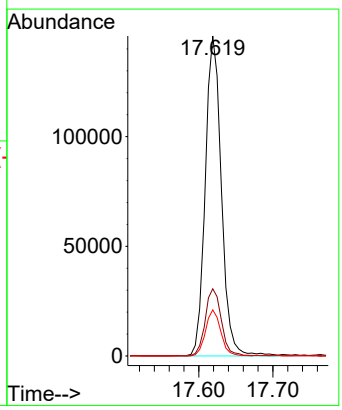
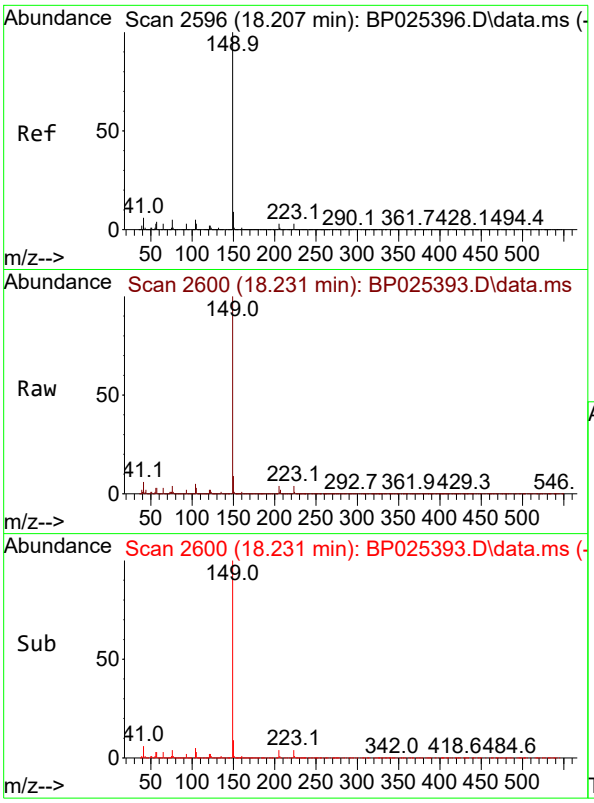


#73
Carbazole
Concen: 5.103 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

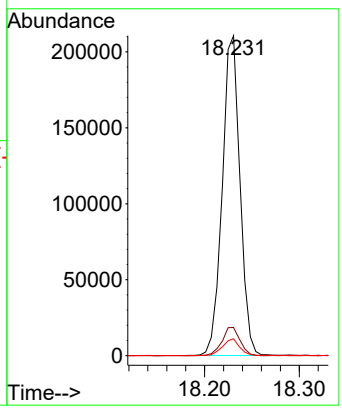




#74
Di-n-butylphthalate
Concen: 5.172 ng
RT: 18.231 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

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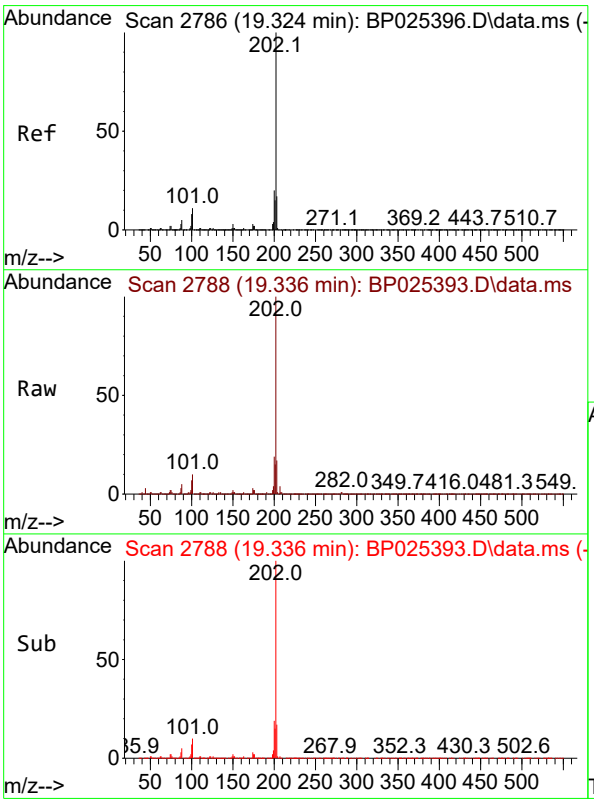
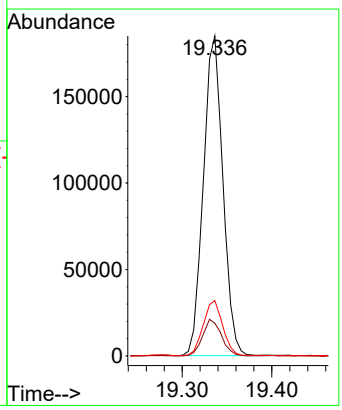
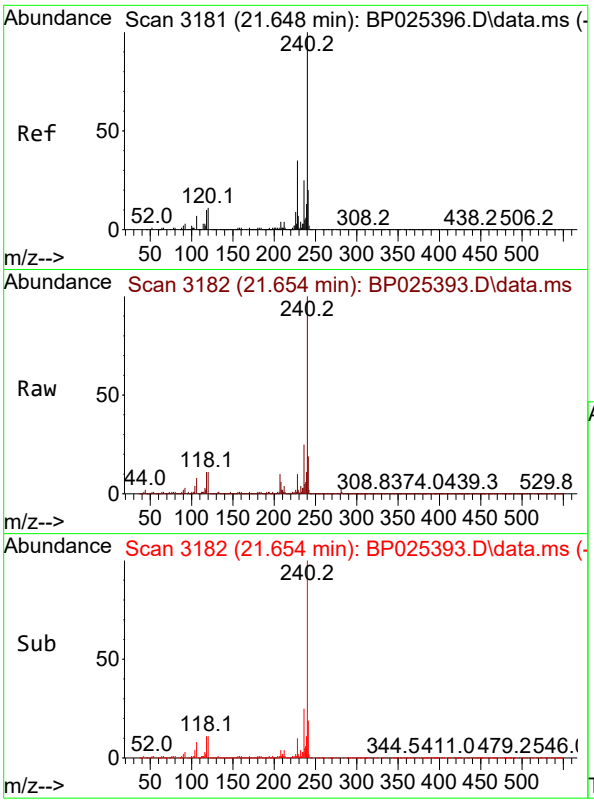


#75
Fluoranthene
Concen: 5.225 ng
RT: 19.336 min Scan# 2788
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

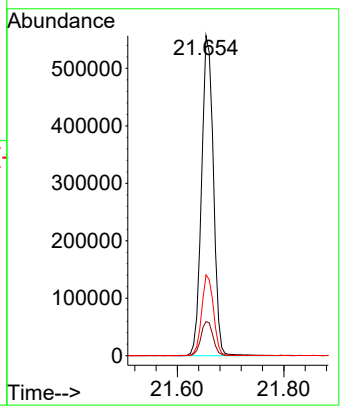




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

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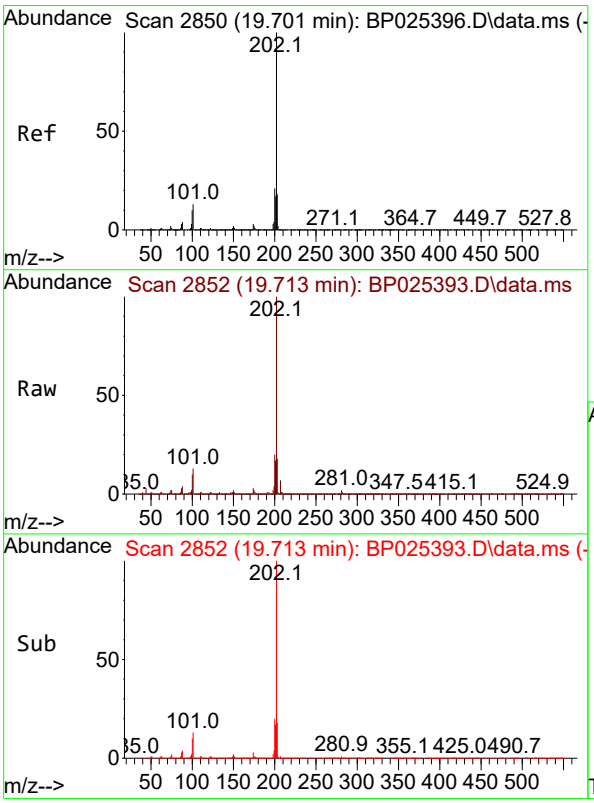
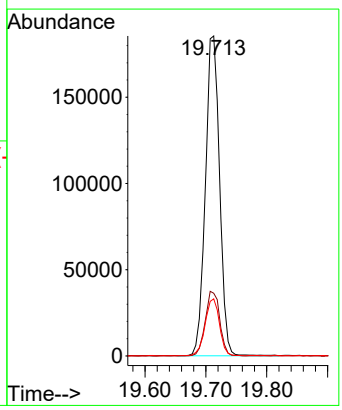
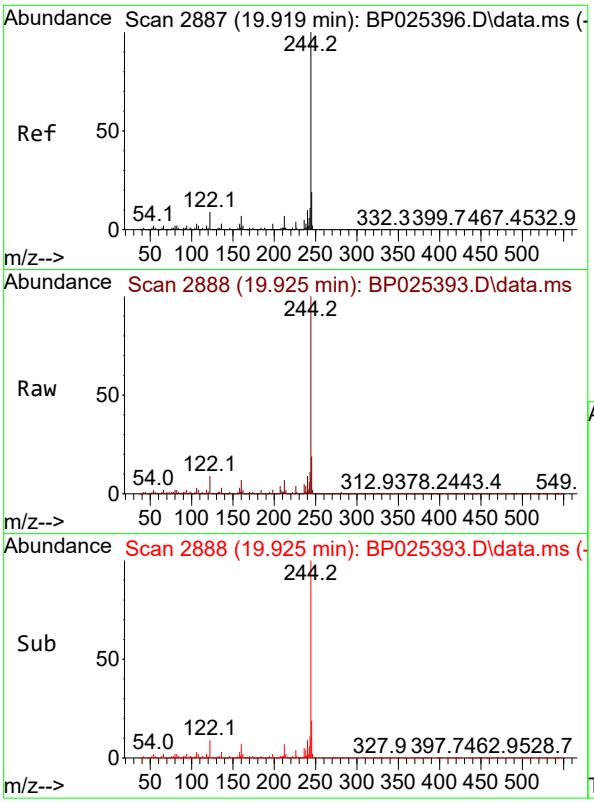


#78
Pyrene
Concen: 5.377 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

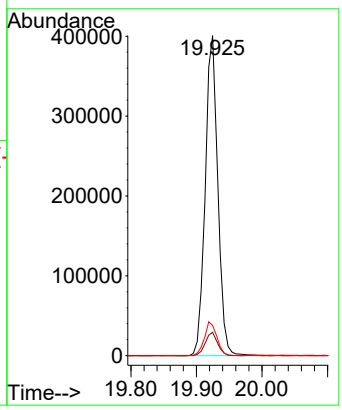




#79
Terphenyl-d14
Concen: 11.428 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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 :
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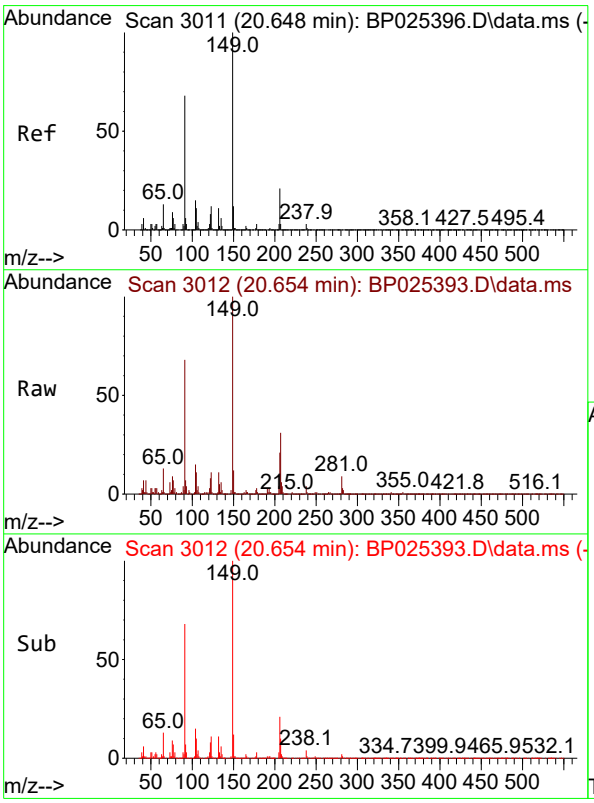
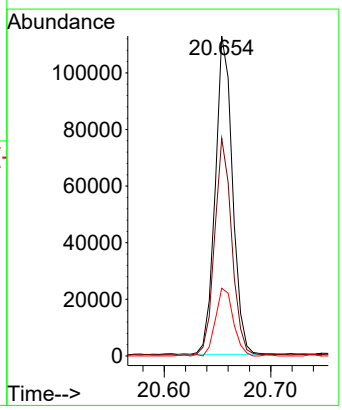
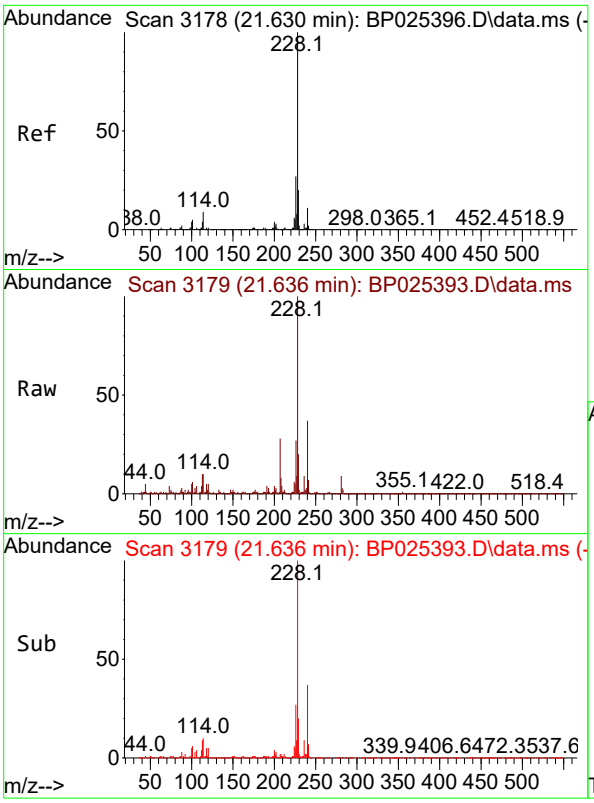


#80
Butylbenzylphthalate
Concen: 4.997 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

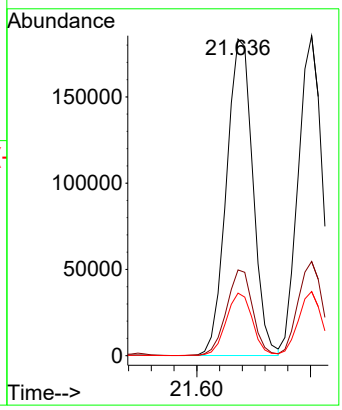




#81
Benzo(a)anthracene
Concen: 5.245 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

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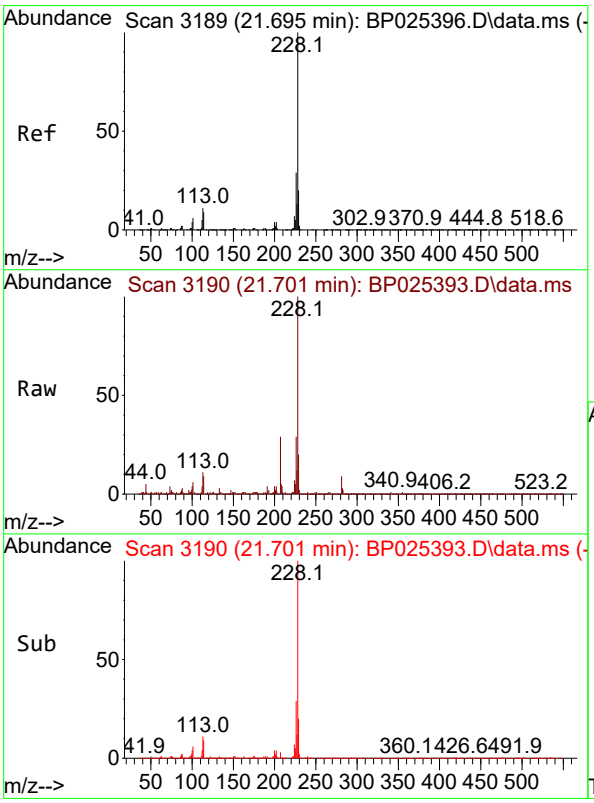
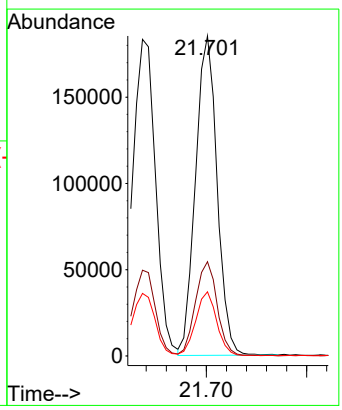
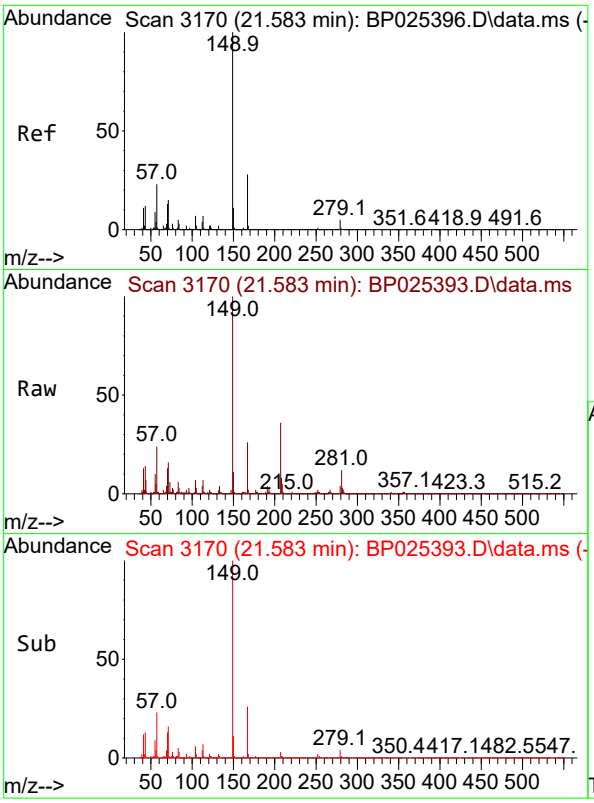


#83
Chrysene
Concen: 5.229 ng
RT: 21.701 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

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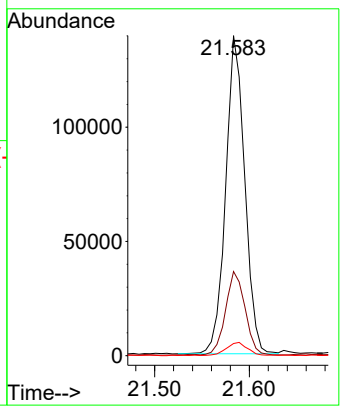
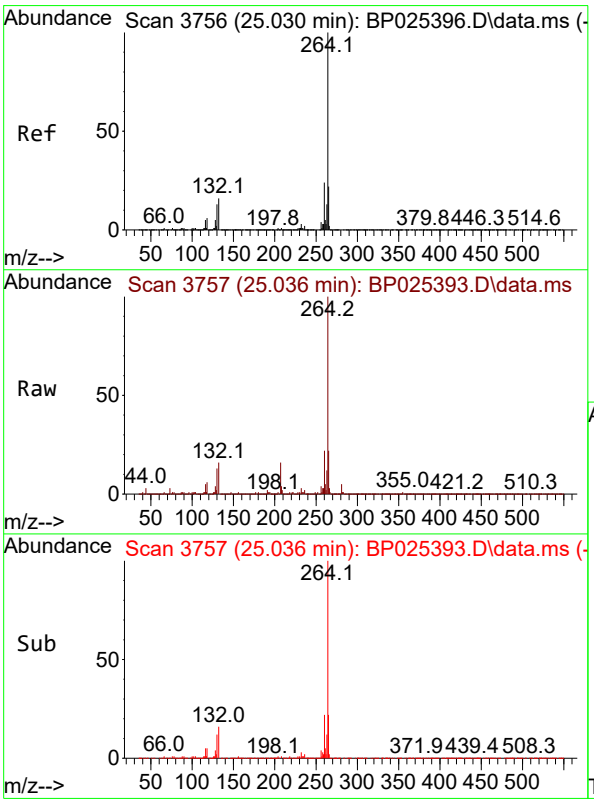
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

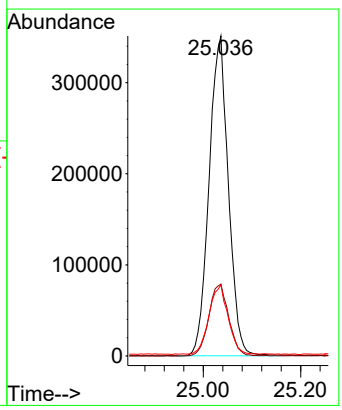


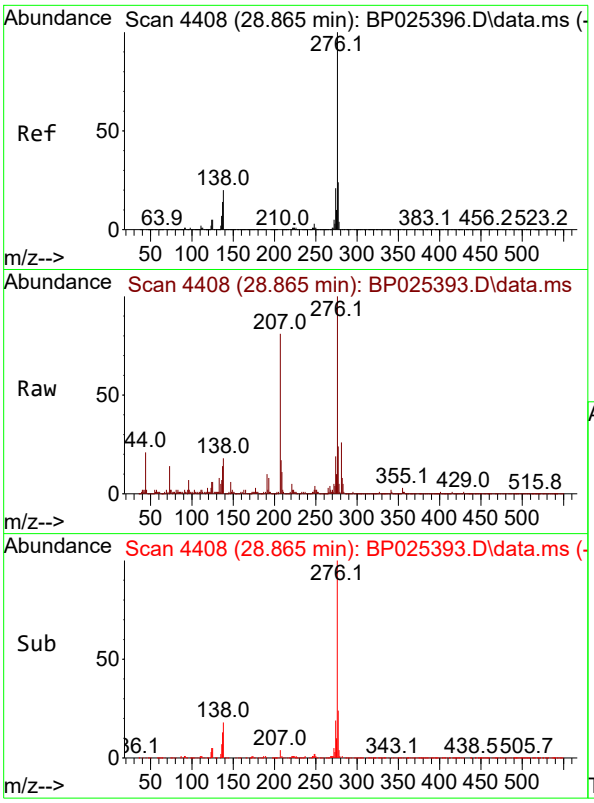


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

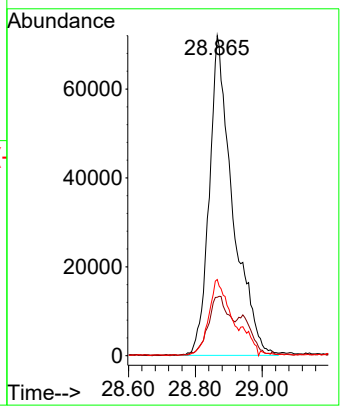




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.956 ng
RT: 28.865 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:276 Resp: 35041

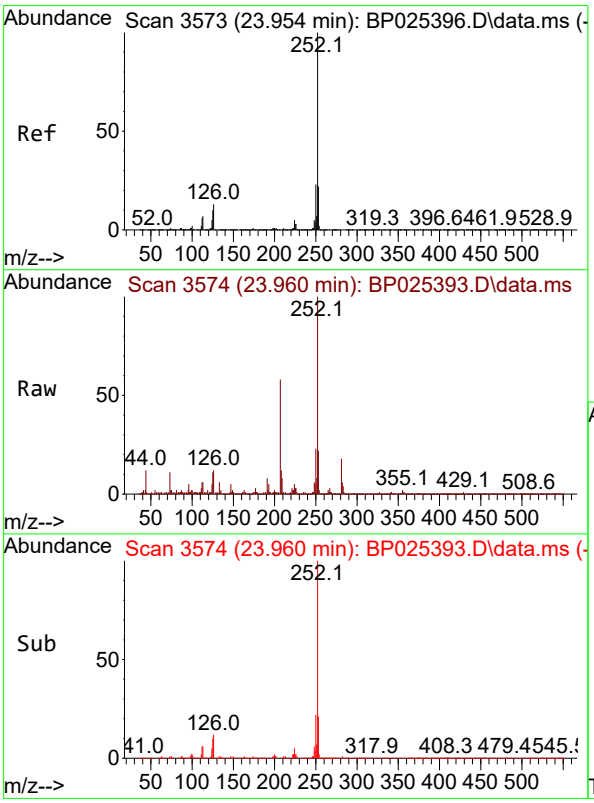
Ion	Ratio	Lower	Upper
276	100		
138	17.1	12.9	19.3
277	20.8	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

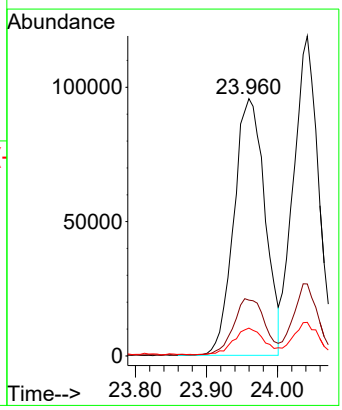
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

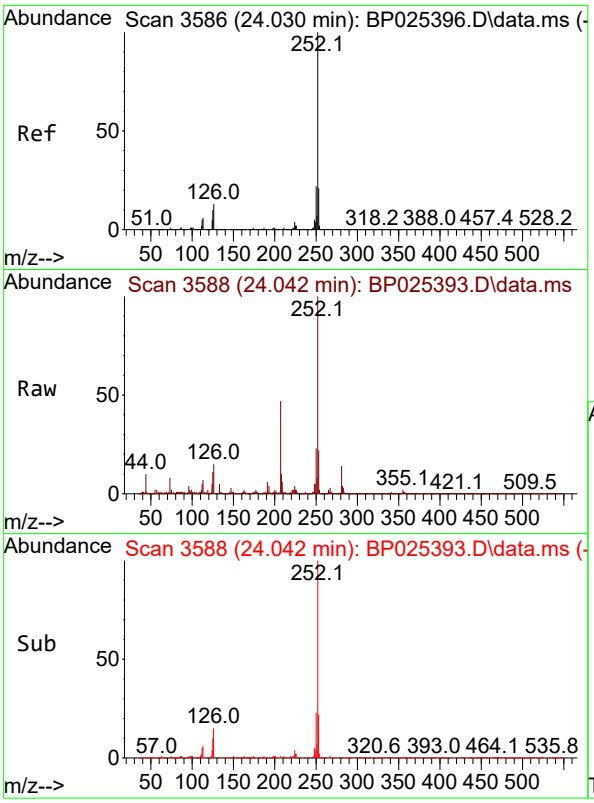


#88
Benzo(b)fluoranthene
Concen: 5.099 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

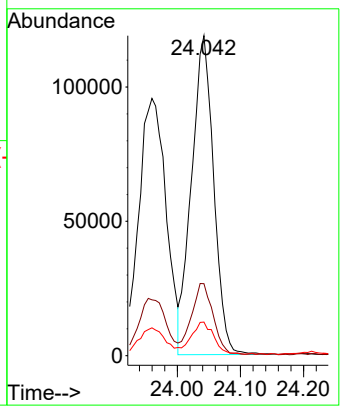




#89
Benzo(k)fluoranthene
Concen: 5.091 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 28955

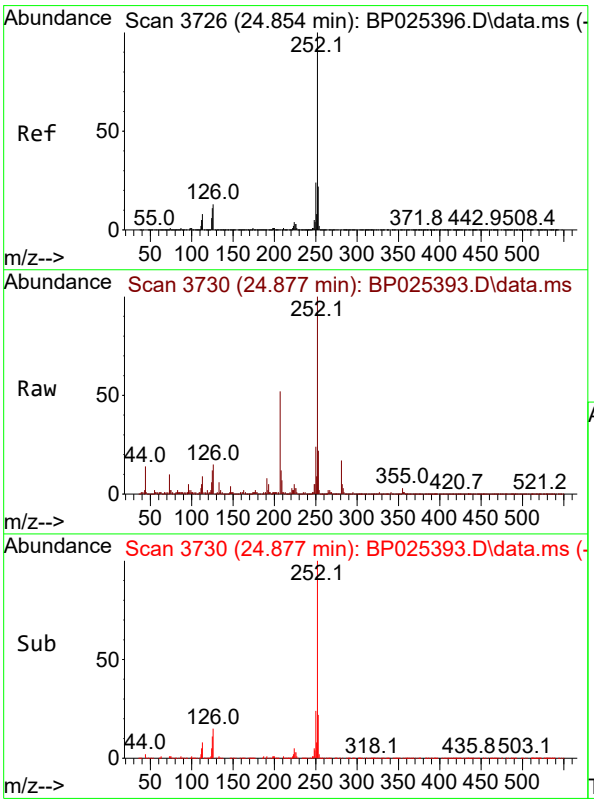
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

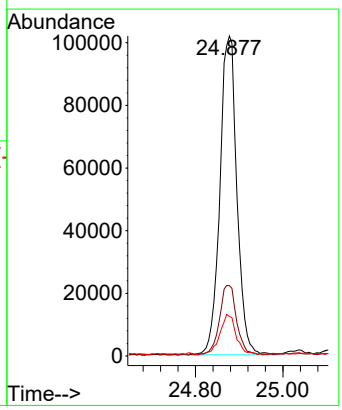
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

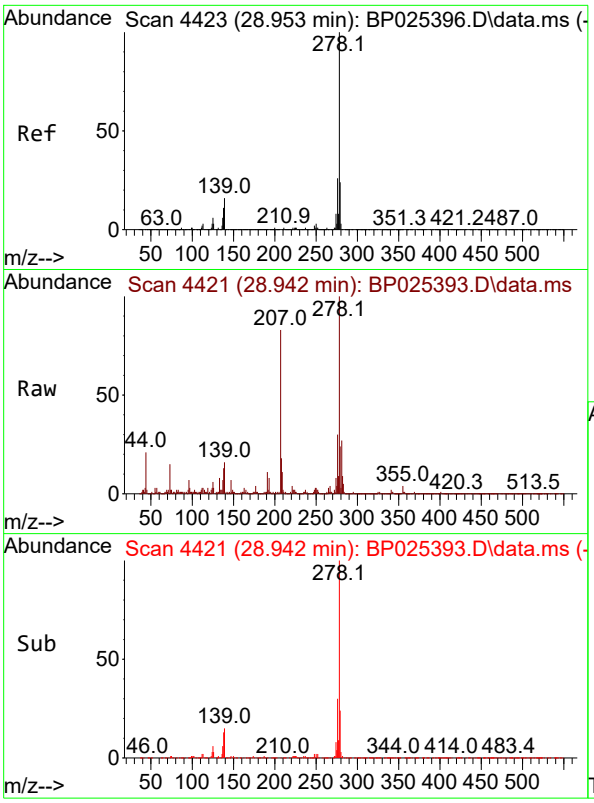


#90
Benzo(a)pyrene
Concen: 4.960 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

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

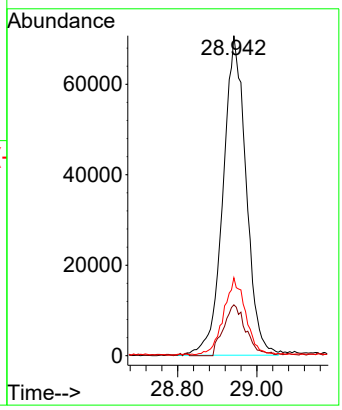




#91
Dibenzo(a,h)anthracene
Concen: 4.924 ng
RT: 28.942 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:278 Resp: 28444

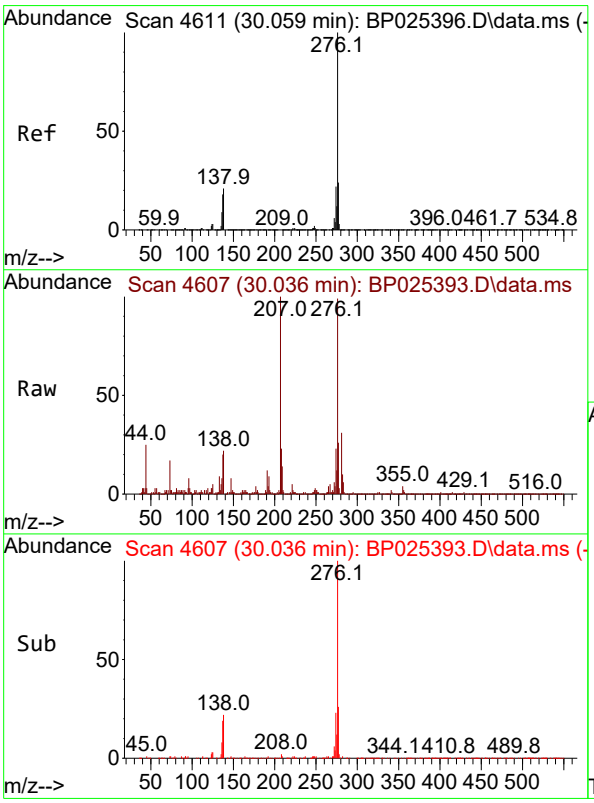
Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.0	19.4
279	24.3	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

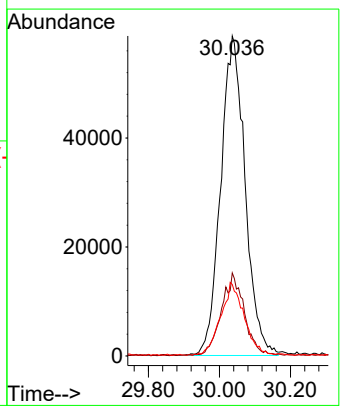
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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

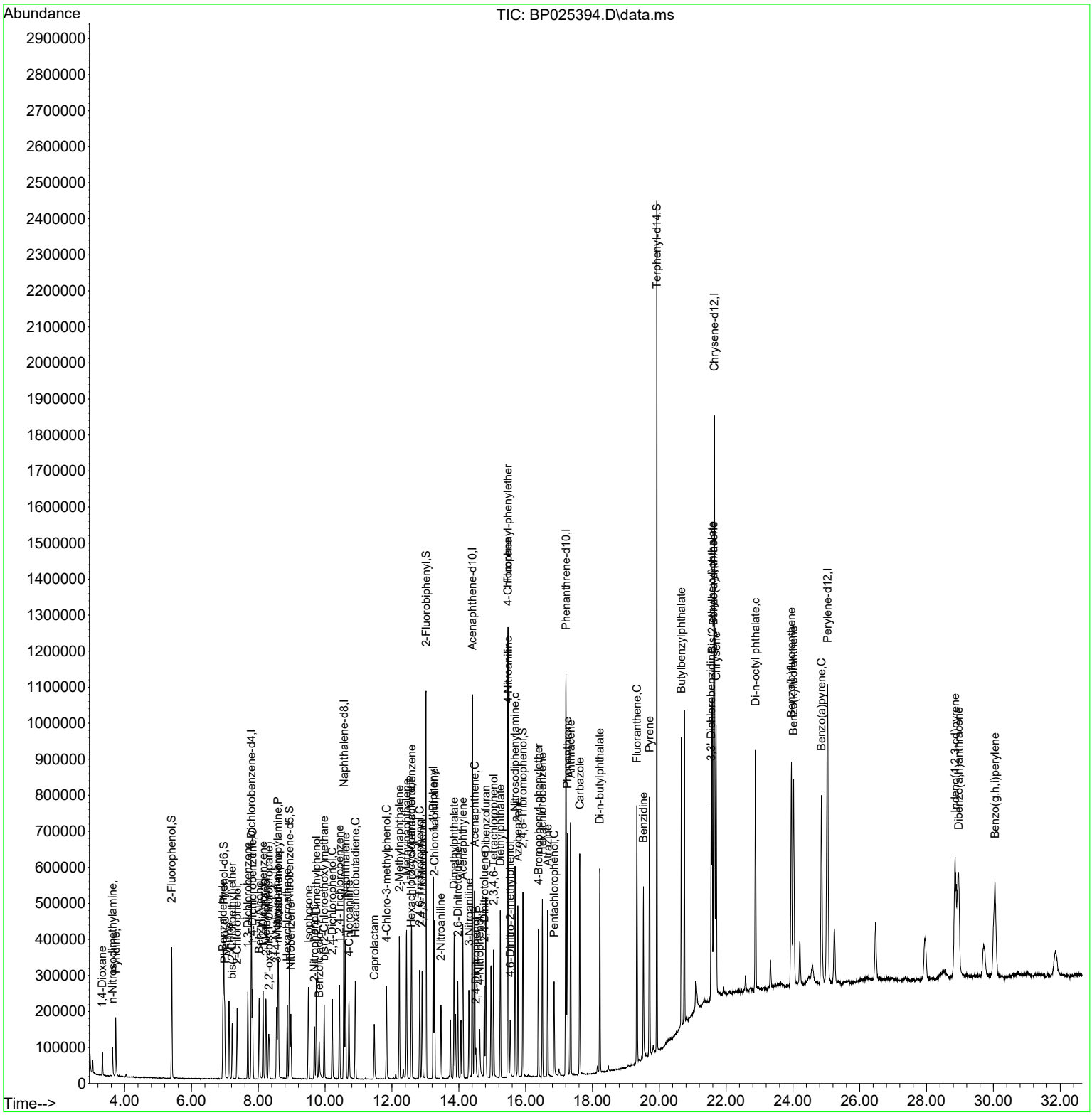
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

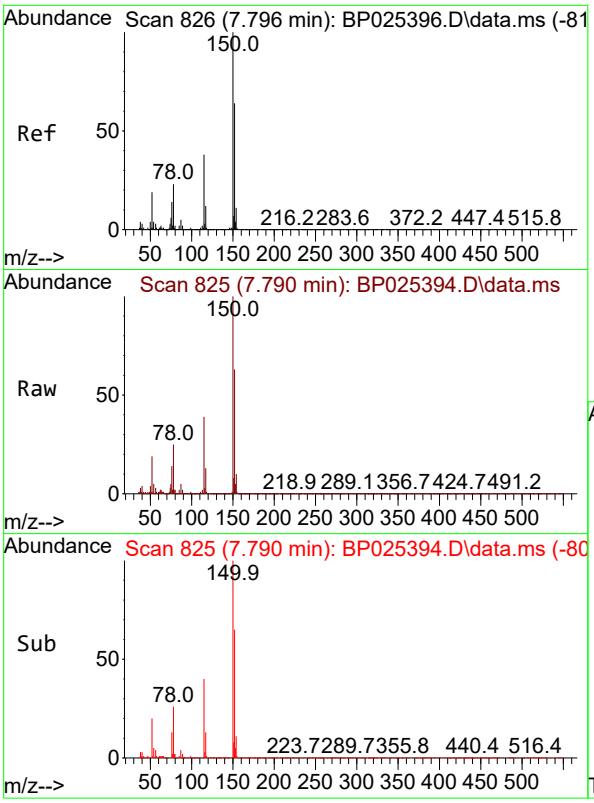
Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

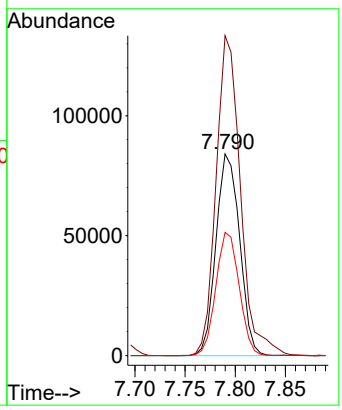




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:152 Resp: 13785

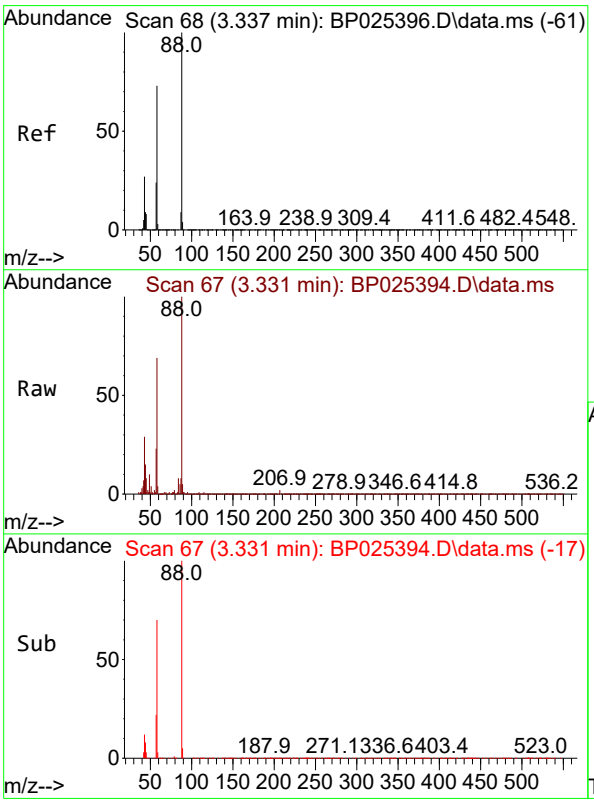
Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.9	188.9
115	61.1	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

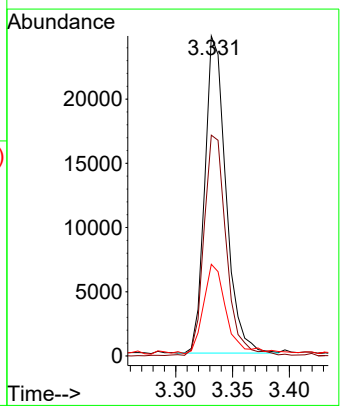
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

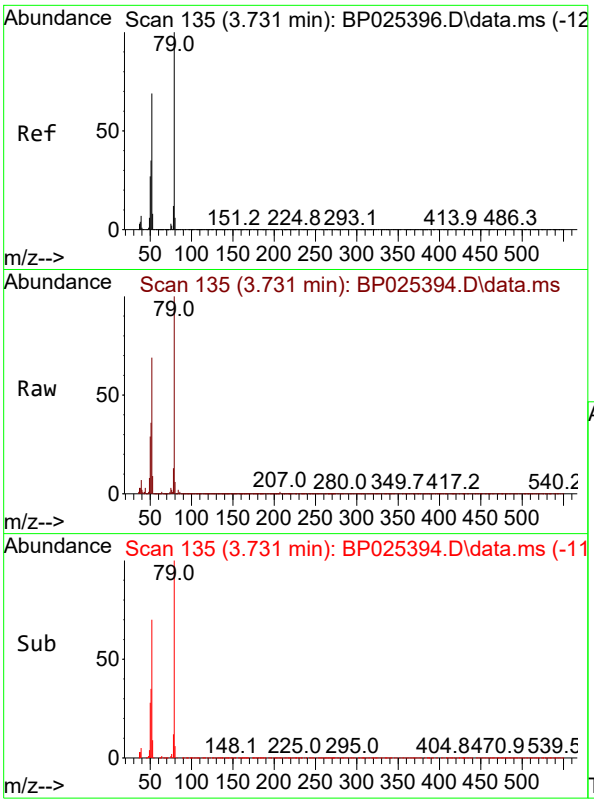


#2
1,4-Dioxane
Concen: 9.826 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

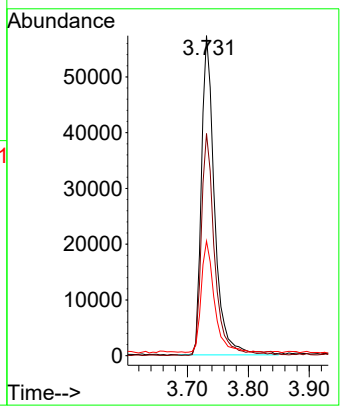




#3
Pyridine
Concen: 9.681 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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ClientSampleId :
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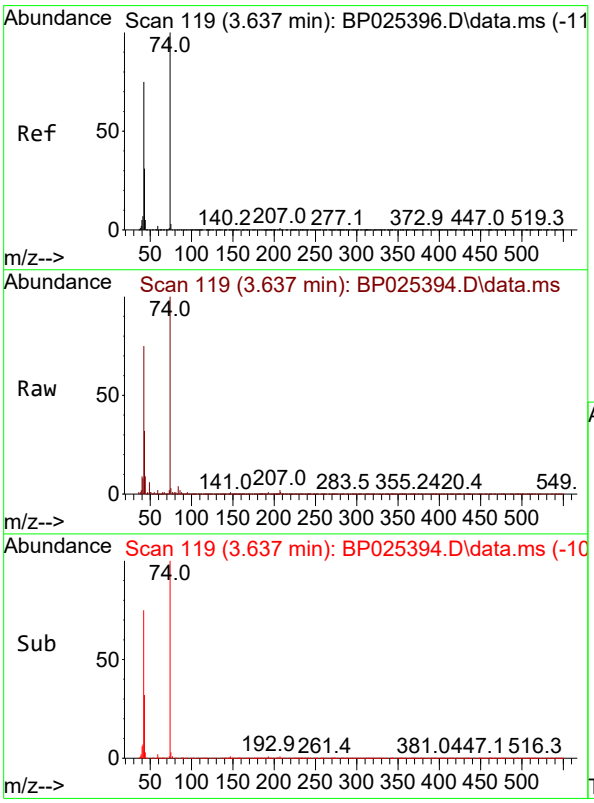
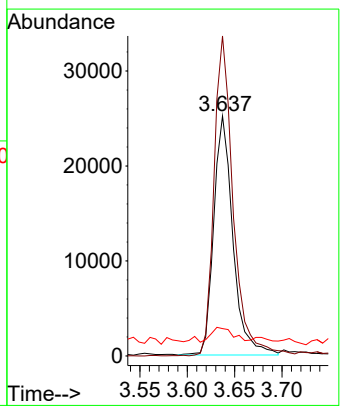
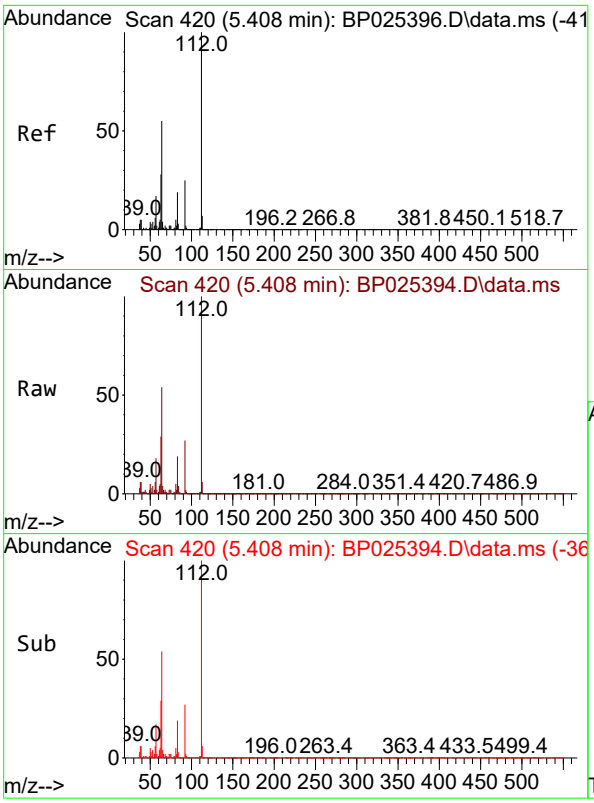


#4
n-Nitrosodimethylamine
Concen: 9.681 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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#

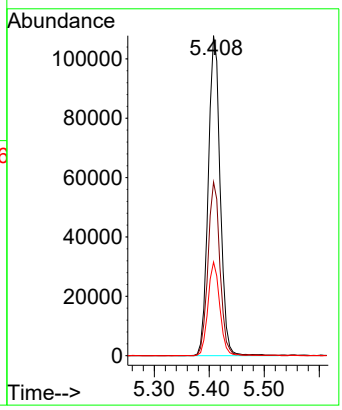




#5
2-Fluorophenol
Concen: 19.551 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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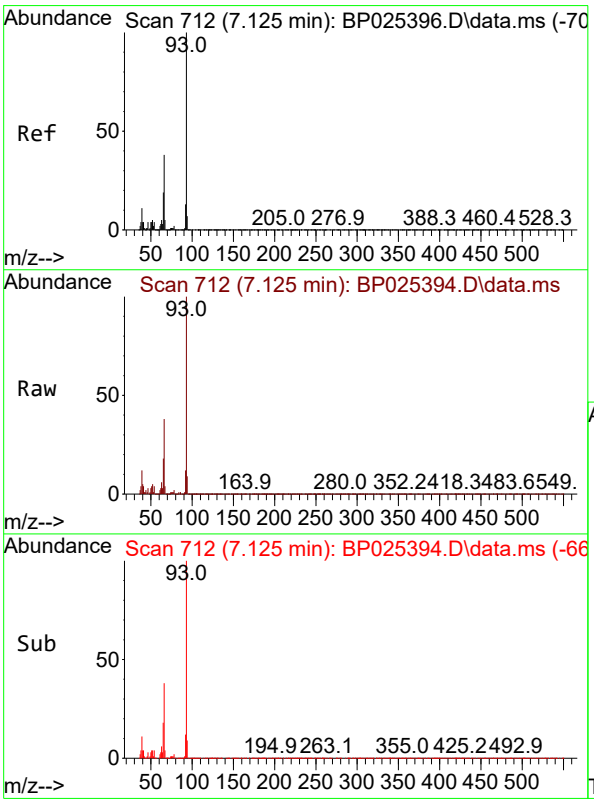
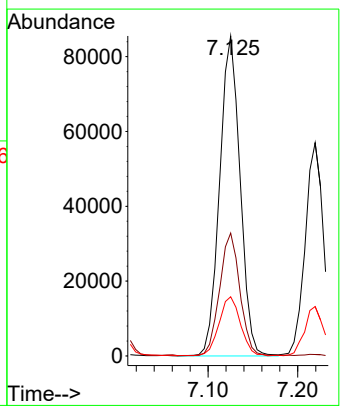
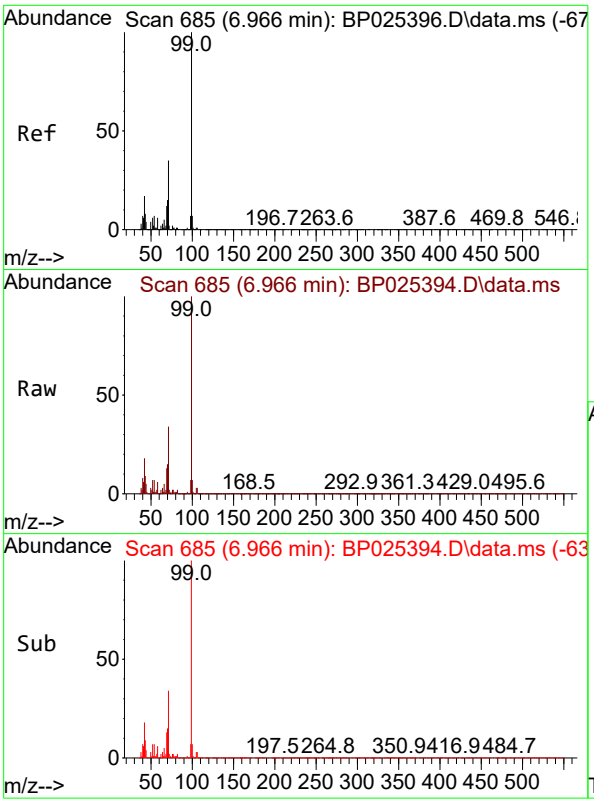


#6
Aniline
Concen: 9.430 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

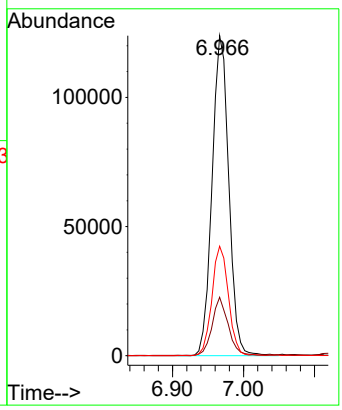




#7
Phenol-d6
Concen: 19.000 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



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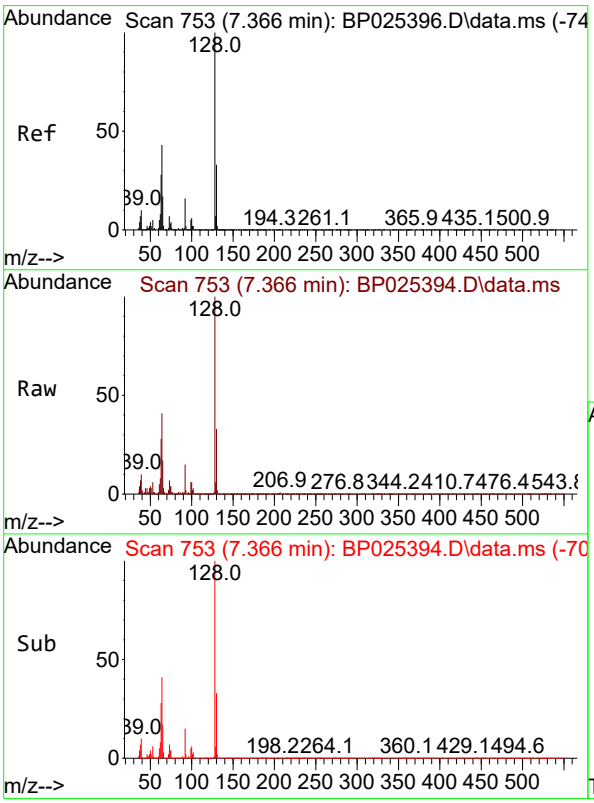
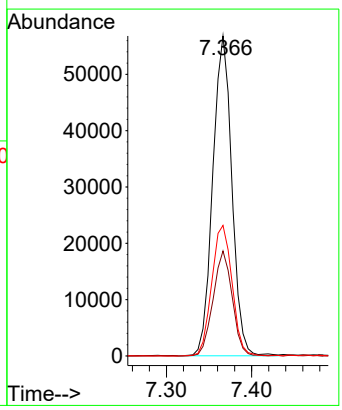
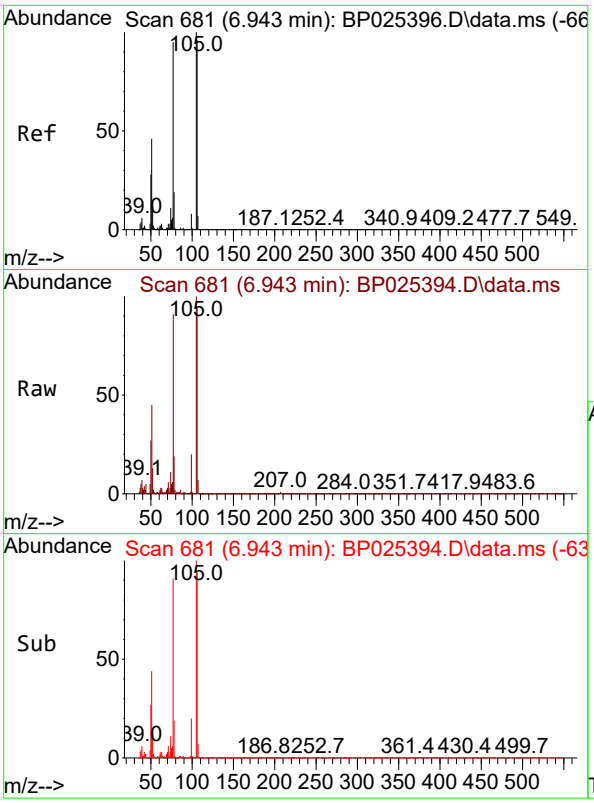


#8
2-Chlorophenol
Concen: 9.439 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

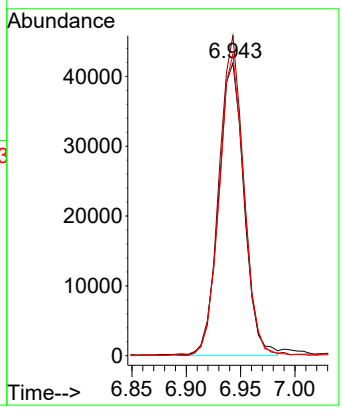




#9
Benzaldehyde
Concen: 9.129 ng m
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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ClientSampleId :
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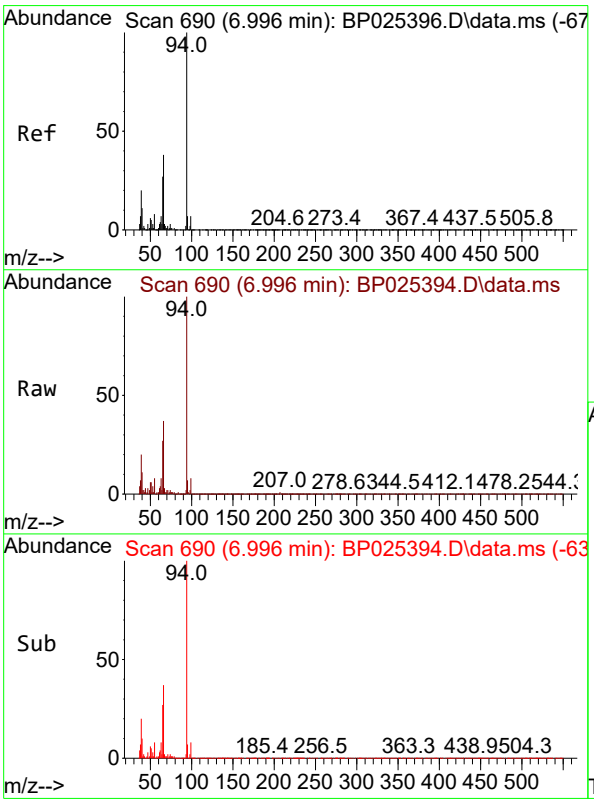
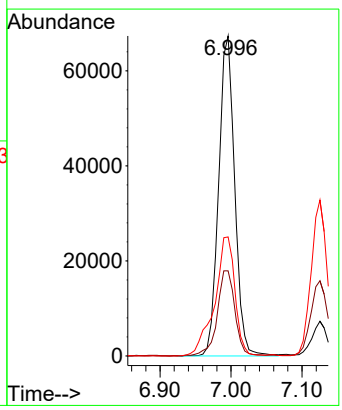
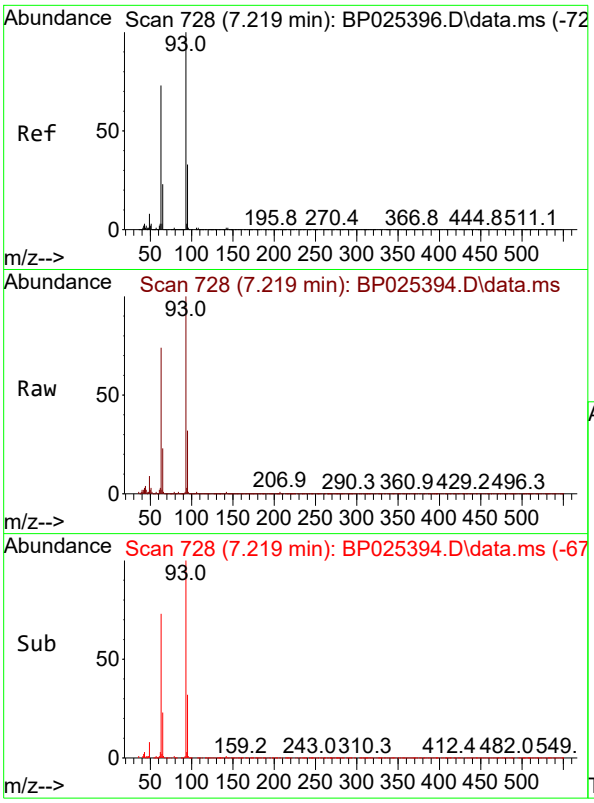


#10
Phenol
Concen: 9.438 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

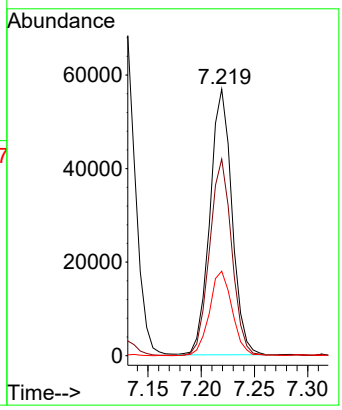




#11
bis(2-Chloroethyl)ether
Concen: 9.368 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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ClientSampleId :
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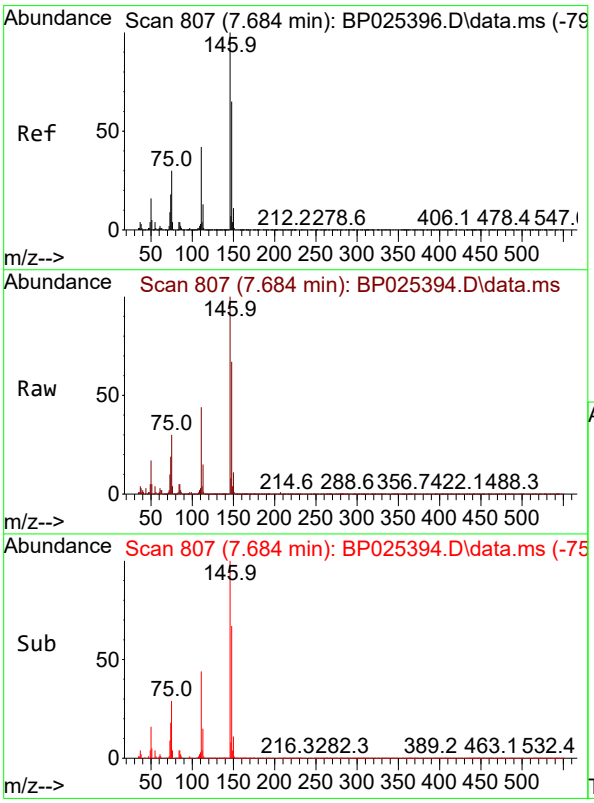
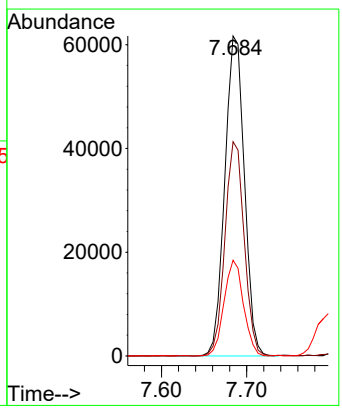
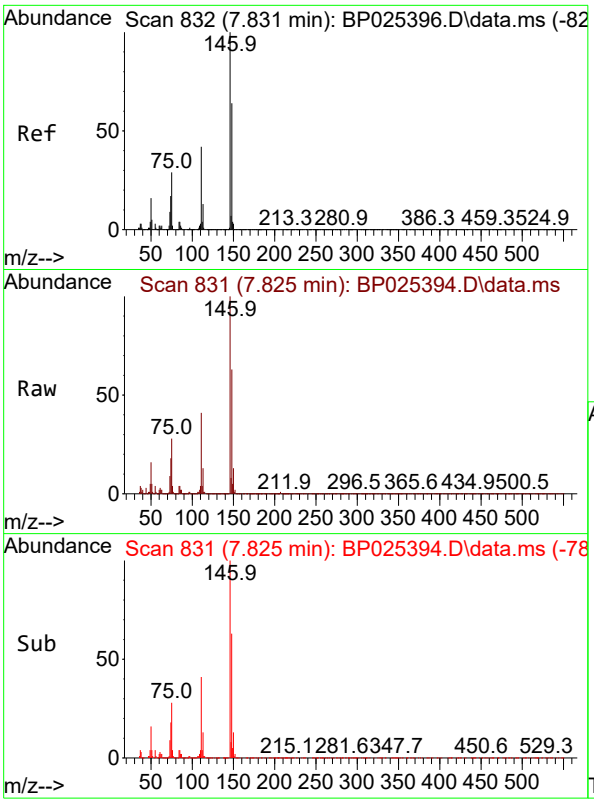


#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

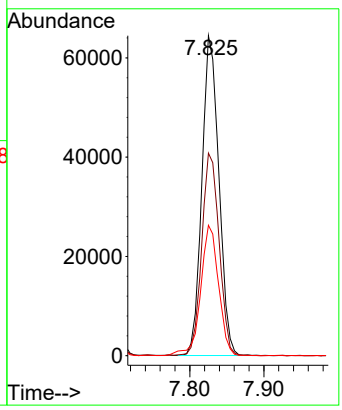




#13
1,4-Dichlorobenzene
Concen: 9.731 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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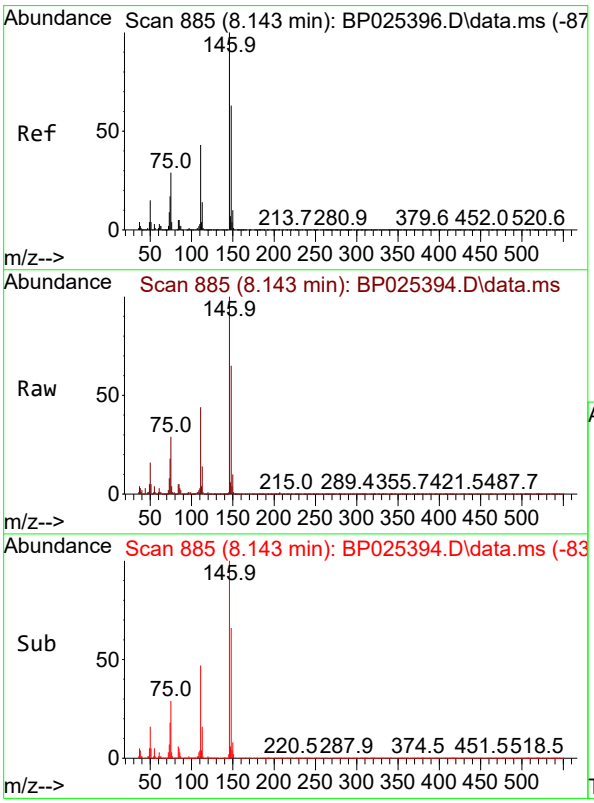
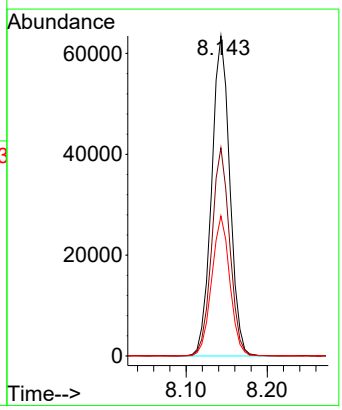
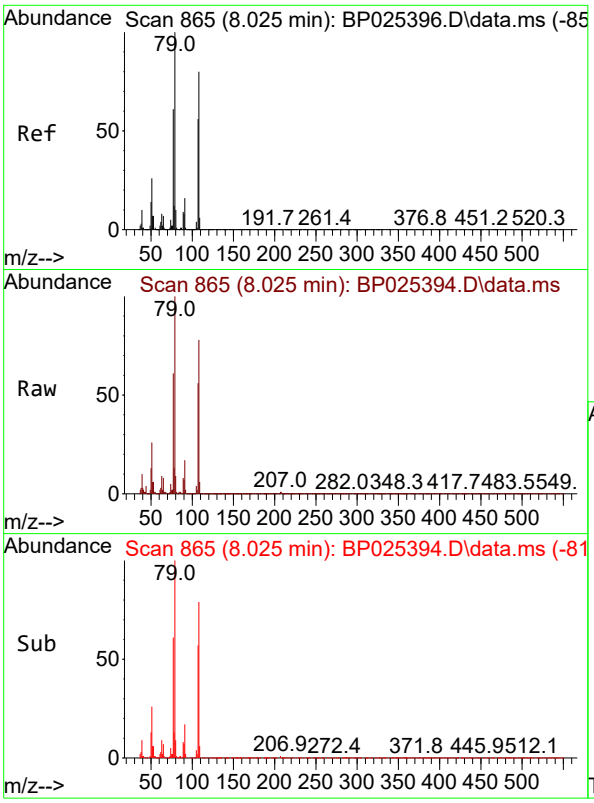


#14
1,2-Dichlorobenzene
Concen: 9.647 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

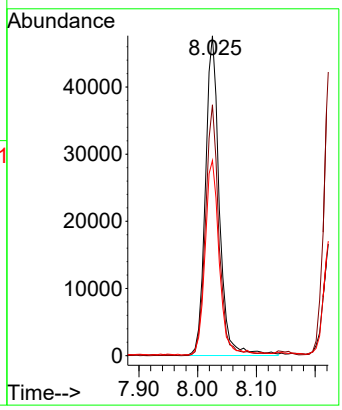




#15
Benzyl Alcohol
Concen: 9.273 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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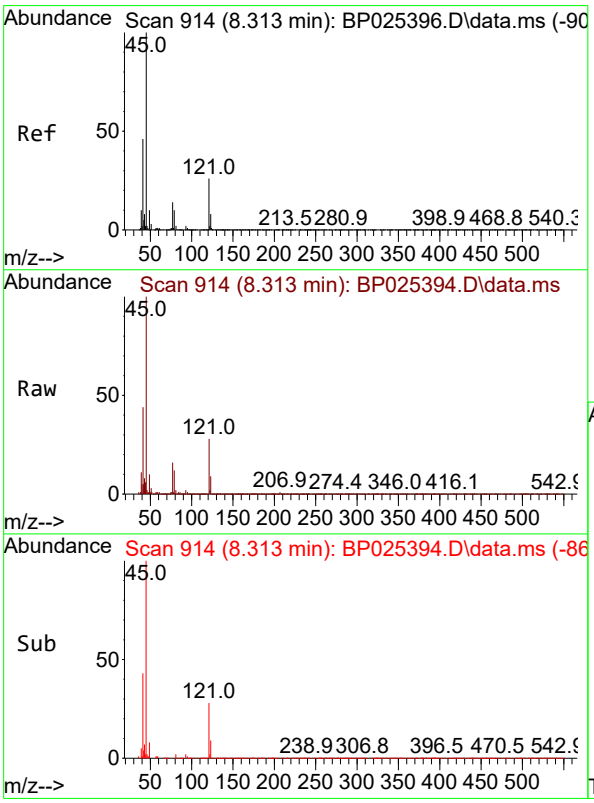
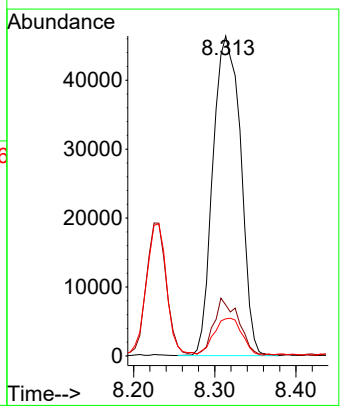
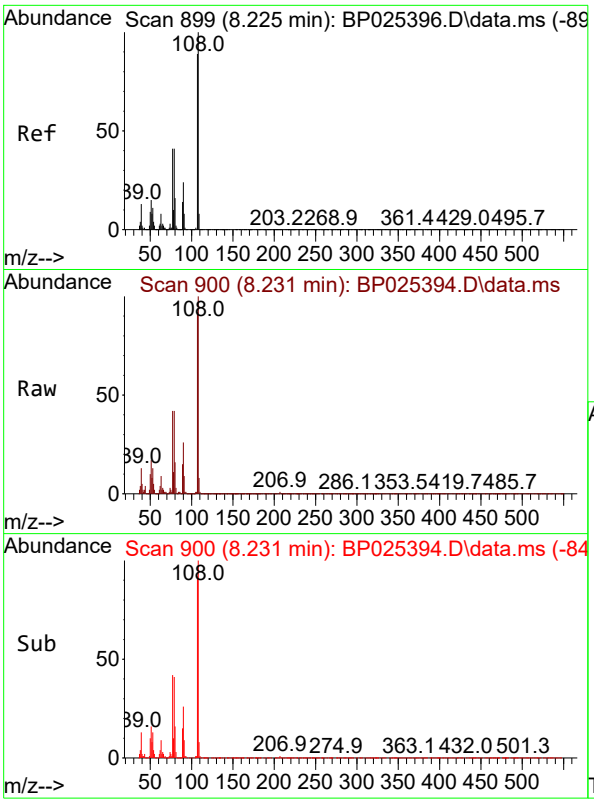


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.412 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

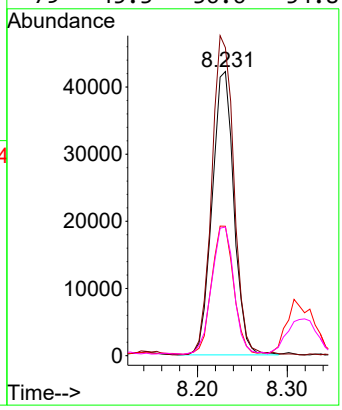




#17
2-Methylphenol
Concen: 9.153 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



Instrument :
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ClientSampleId :
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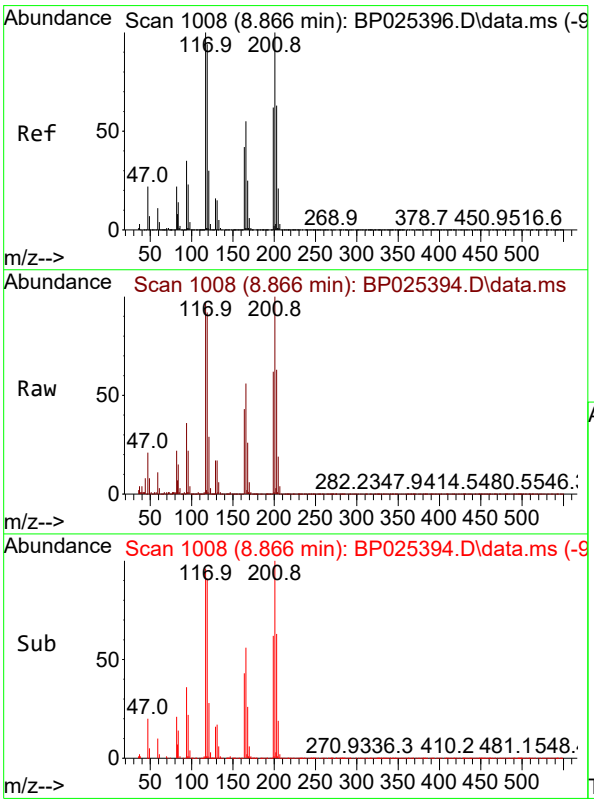
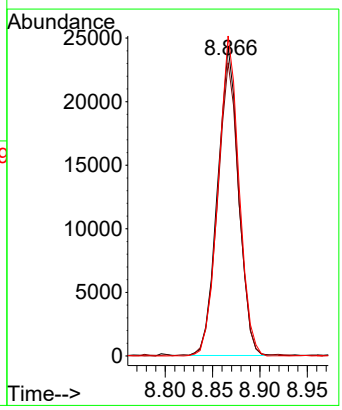
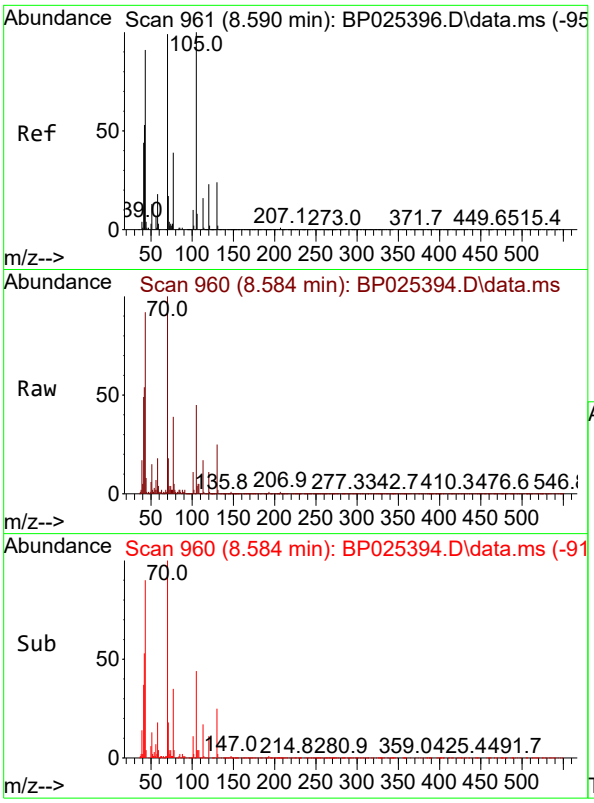


#18
Hexachloroethane
Concen: 9.654 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

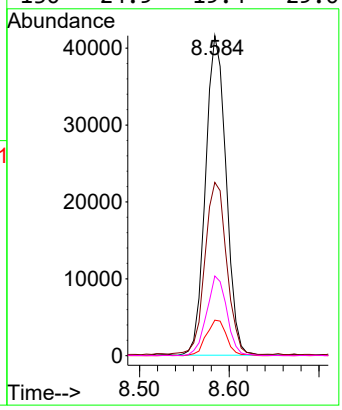




#19
n-Nitroso-di-n-propylamine
Concen: 9.366 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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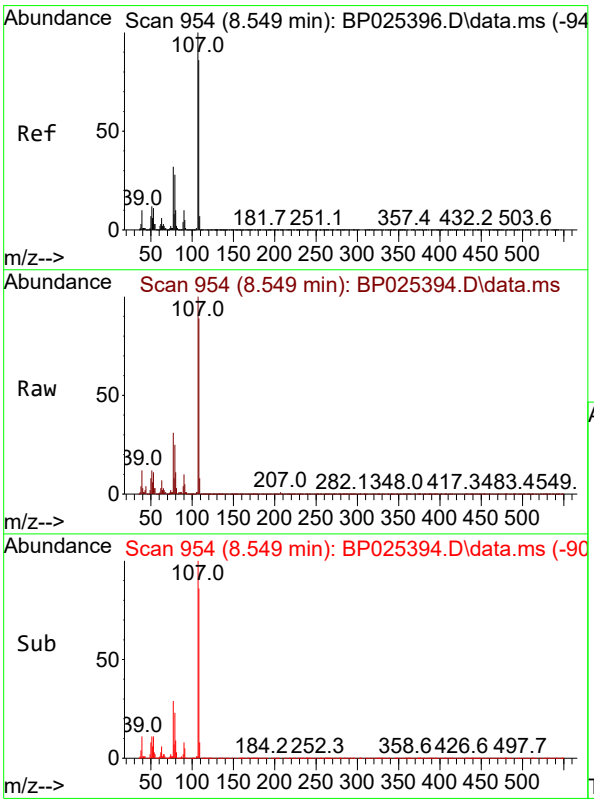
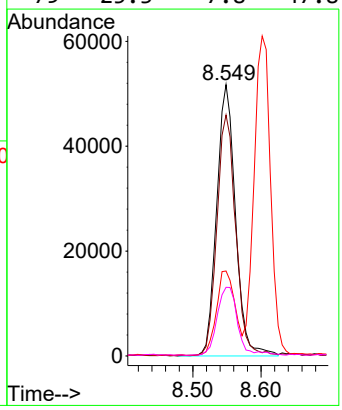
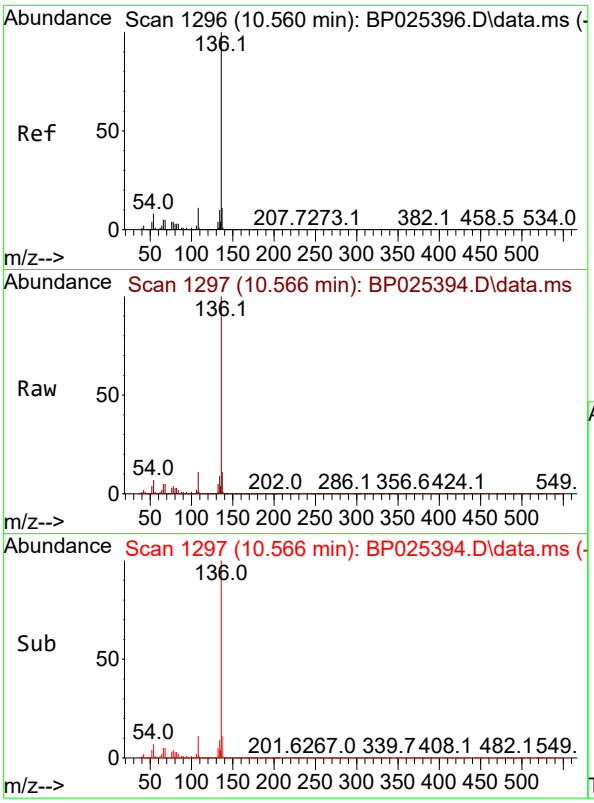


#20
3+4-Methylphenols
Concen: 9.244 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

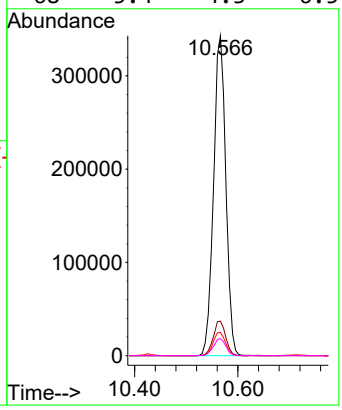




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
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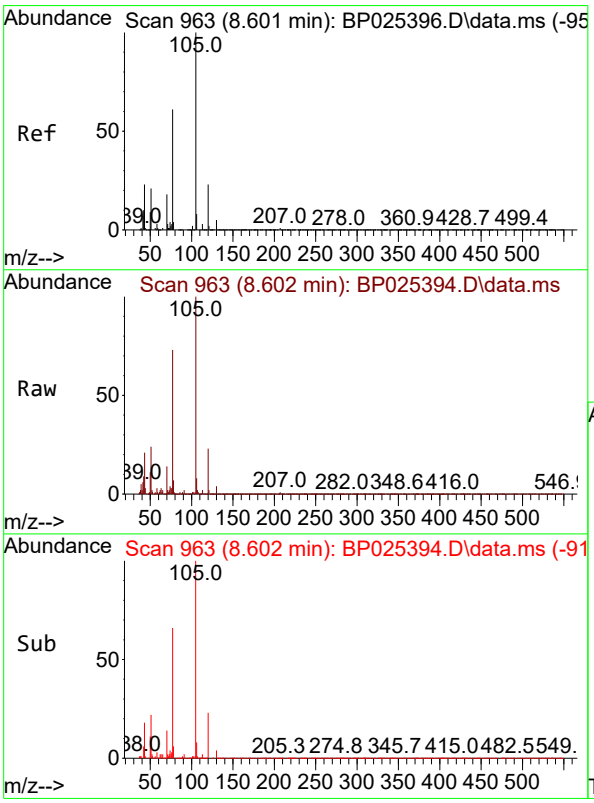
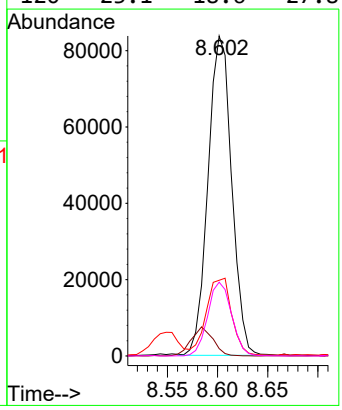
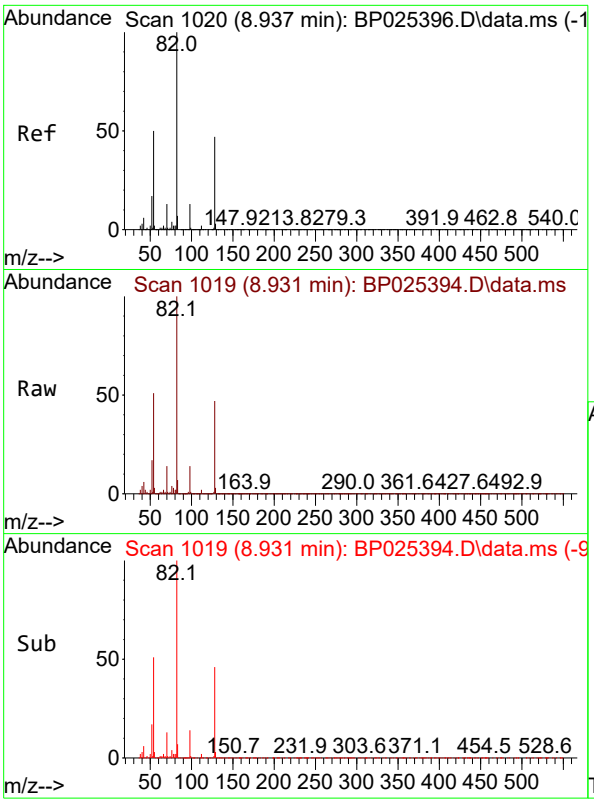


#22
Acetophenone
Concen: 9.712 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

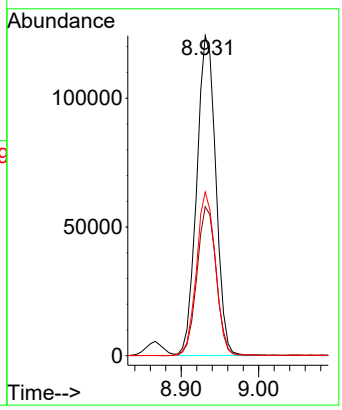




#23
Nitrobenzene-d5
Concen: 19.036 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
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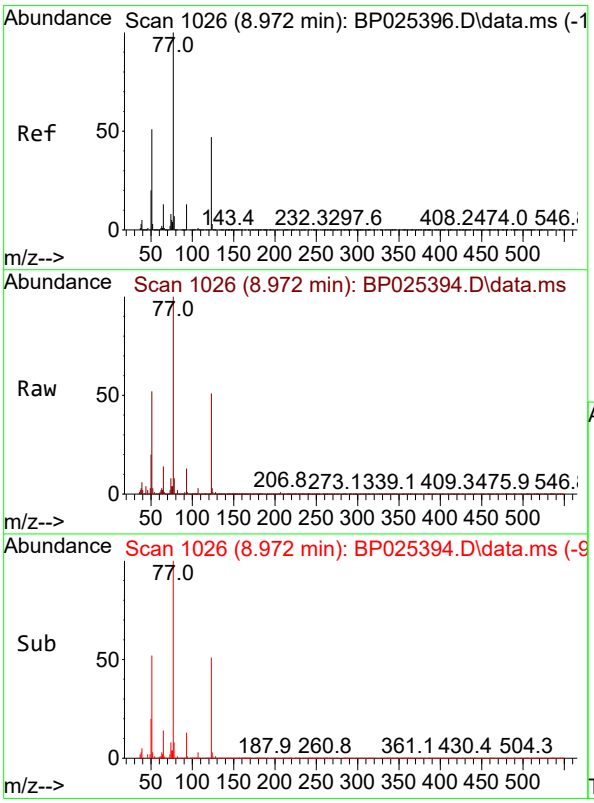
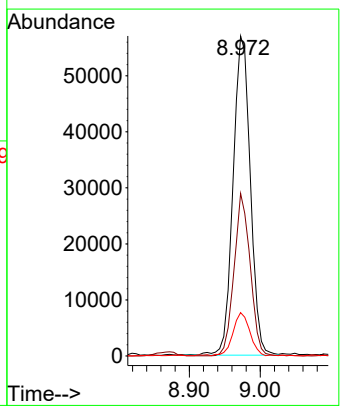
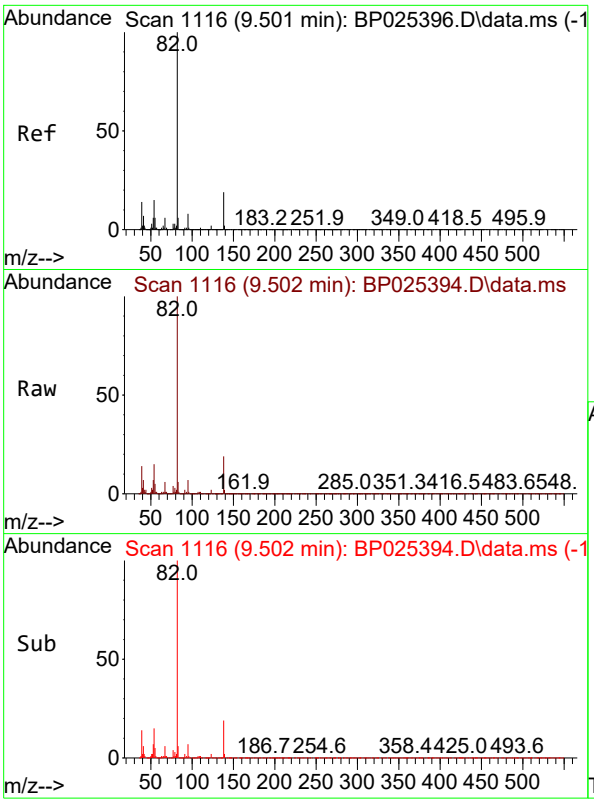


#24
Nitrobenzene
Concen: 9.685 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

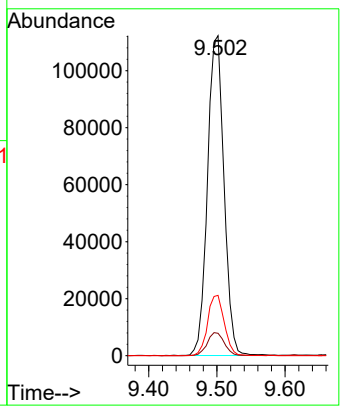




#25
Isophorone
Concen: 9.604 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



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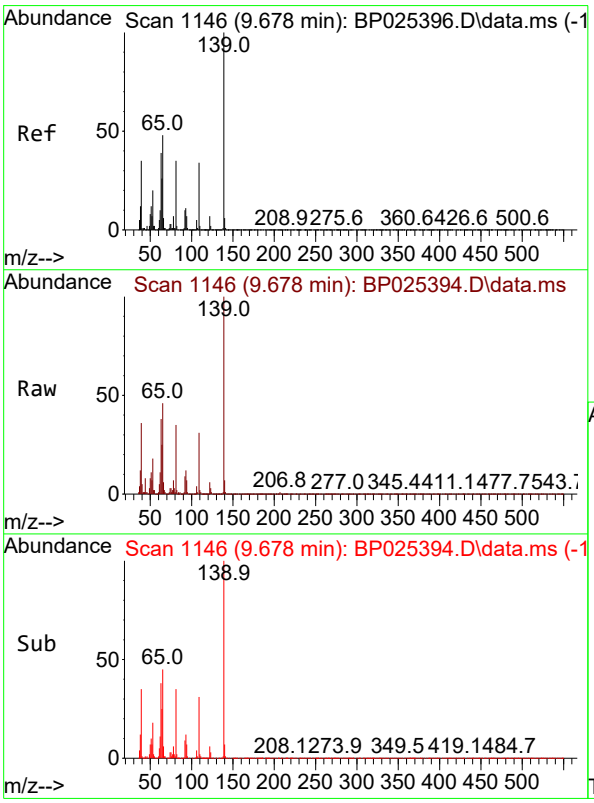
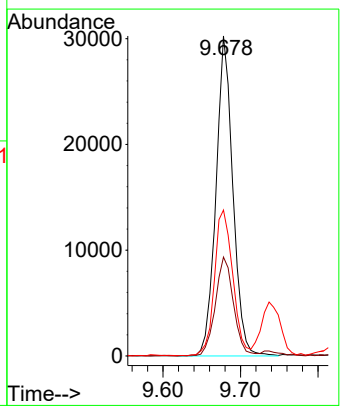
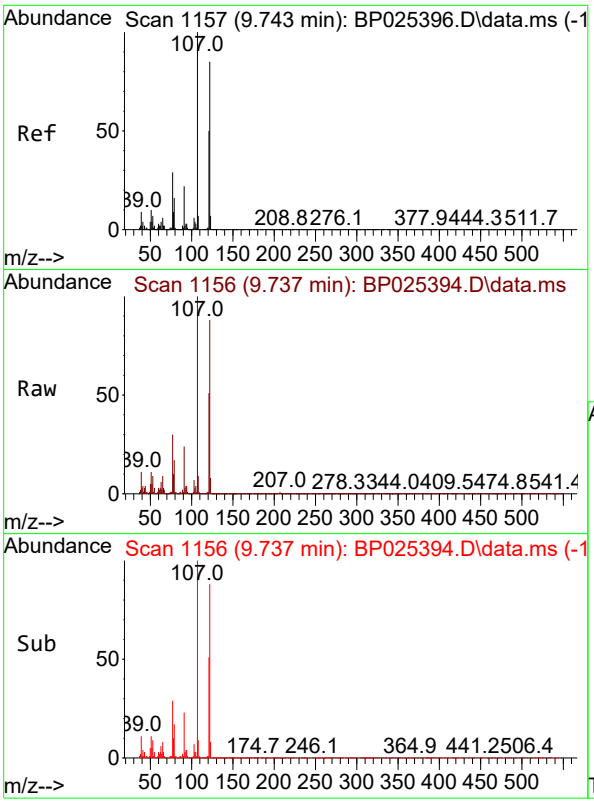


#26
2-Nitrophenol
Concen: 8.968 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

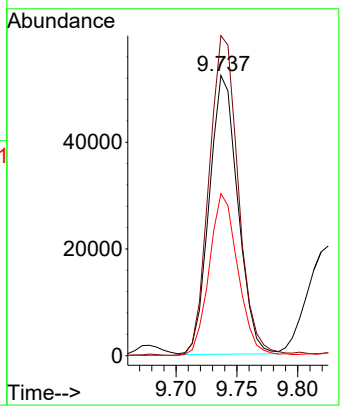




#27
2,4-Dimethylphenol
Concen: 9.718 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



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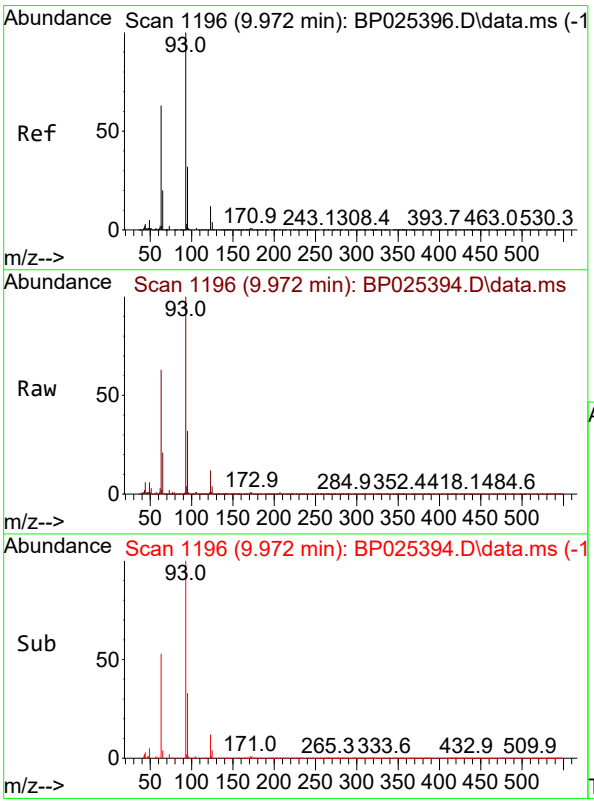
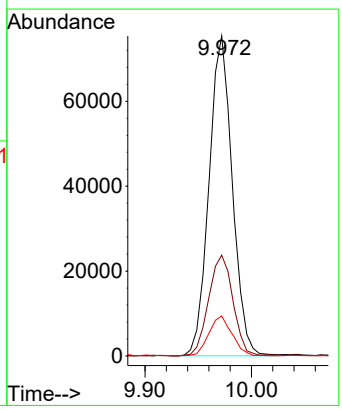
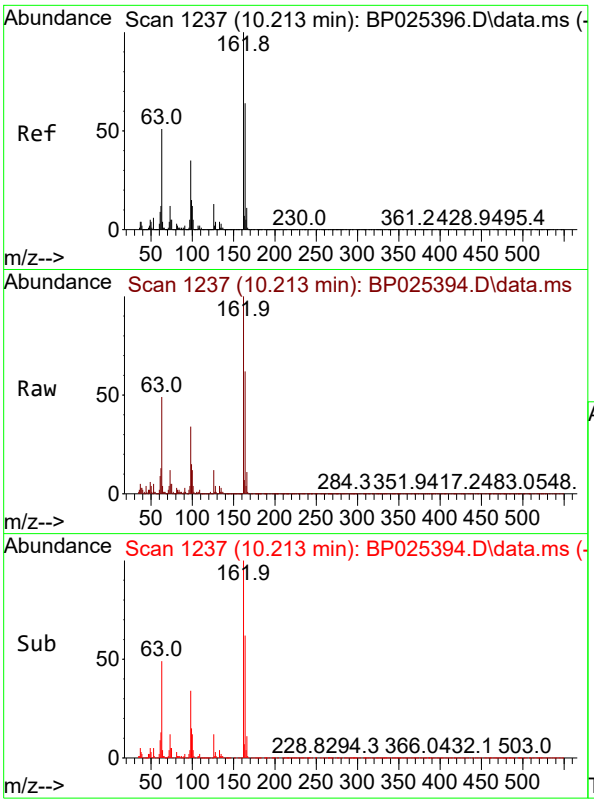


#28
bis(2-Chloroethoxy)methane
Concen: 9.611 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

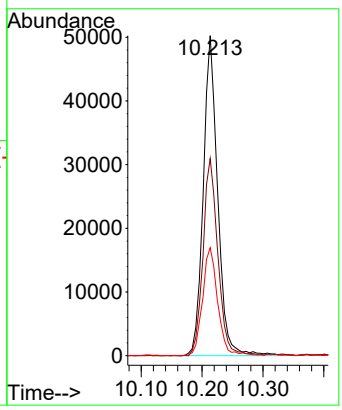




#29
2,4-Dichlorophenol
Concen: 9.464 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



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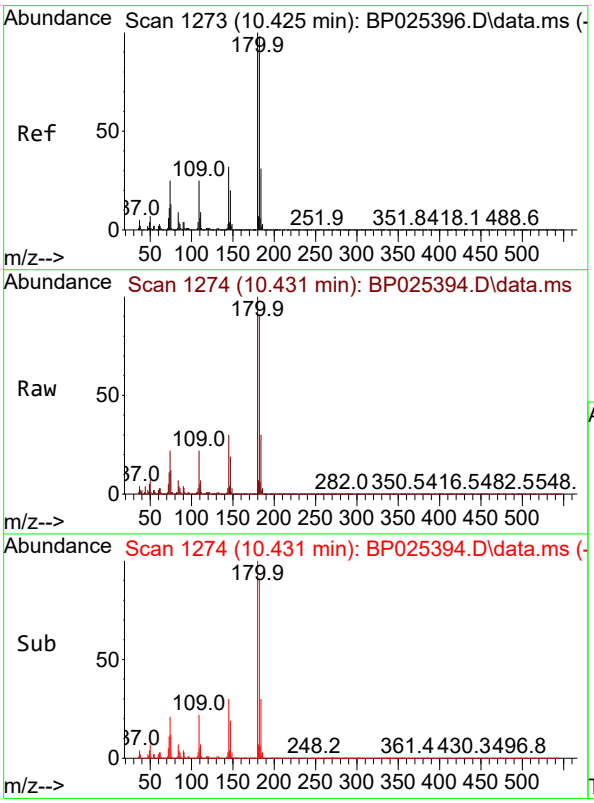
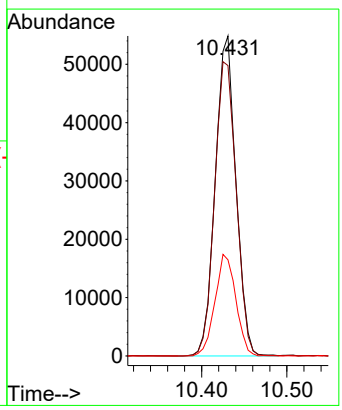
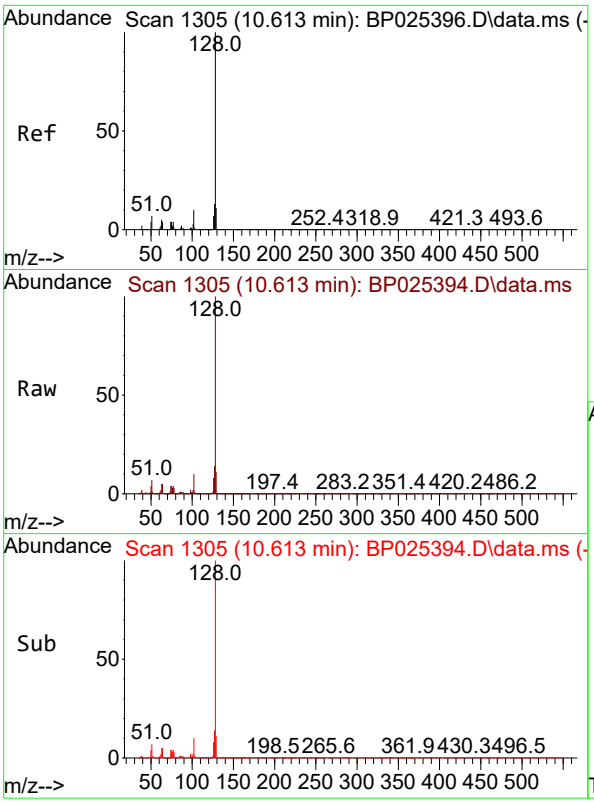


#30
1,2,4-Trichlorobenzene
Concen: 9.676 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

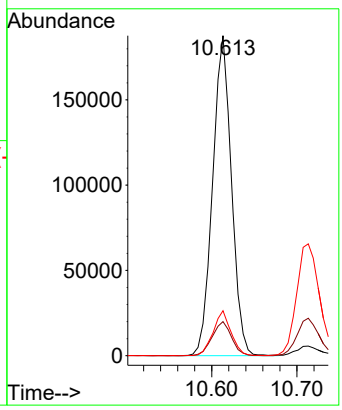




#31
Naphthalene
Concen: 9.816 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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ClientSampleId :
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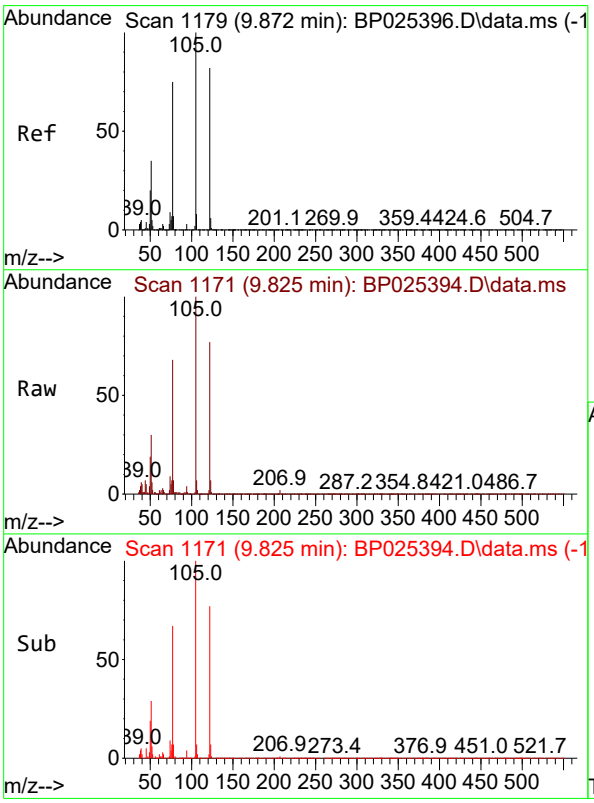
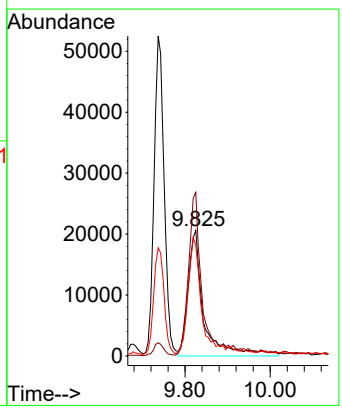
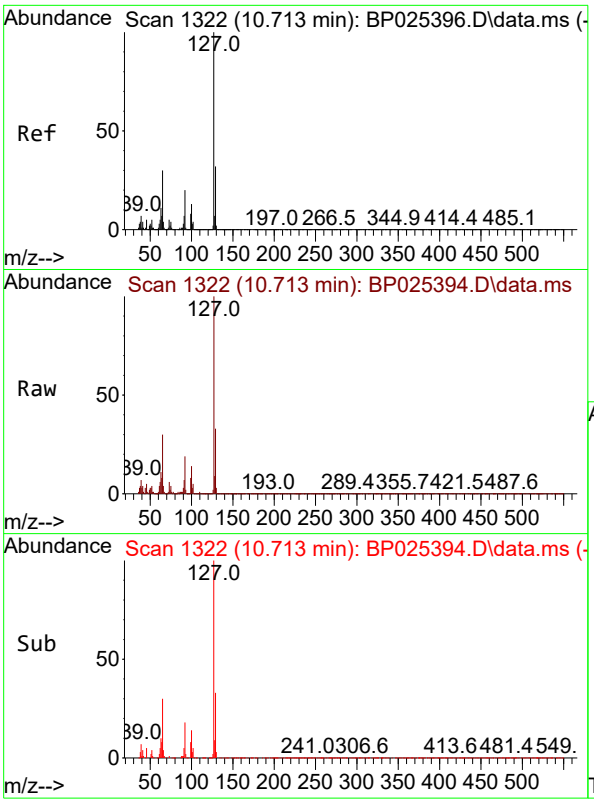


#32
Benzoic acid
Concen: 8.188 ng m
RT: 9.825 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

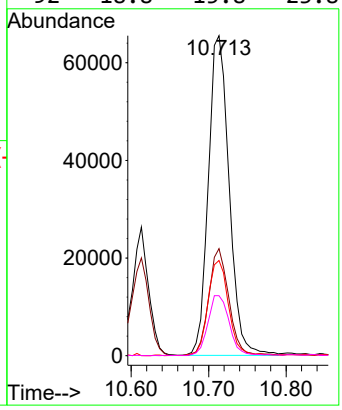




#33
4-Chloroaniline
Concen: 9.472 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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ClientSampleId :
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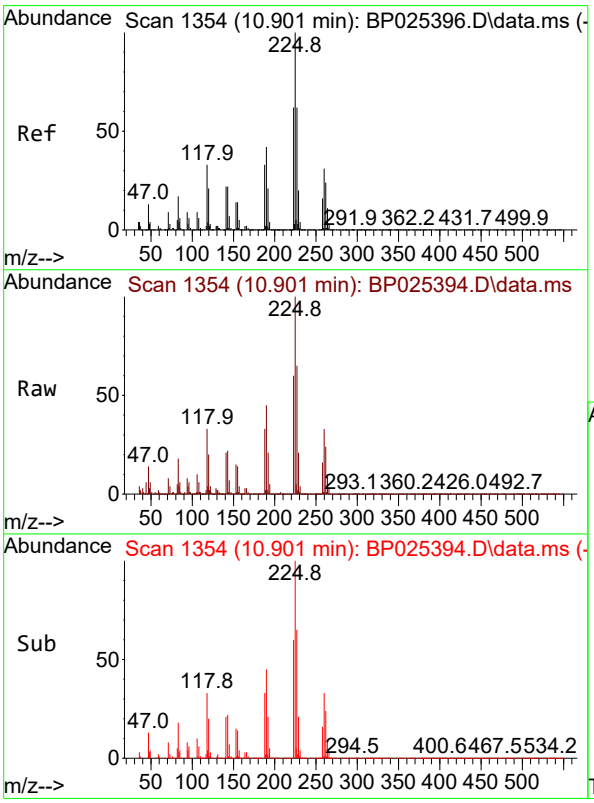
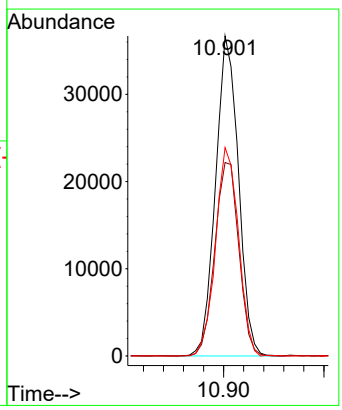
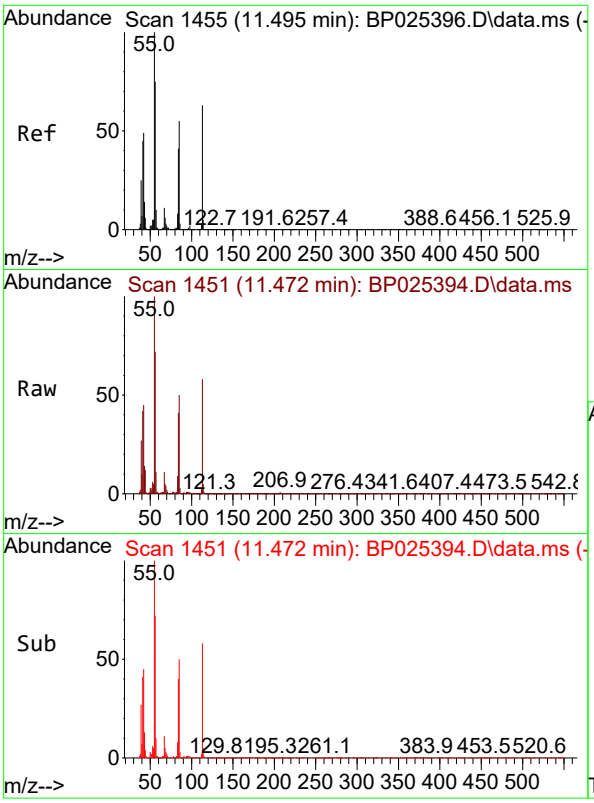


#34
Hexachlorobutadiene
Concen: 9.695 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

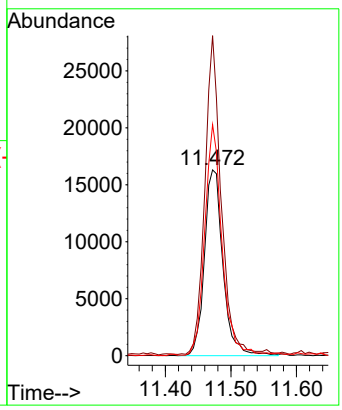




#35
Caprolactam
Concen: 10.001 ng
RT: 11.472 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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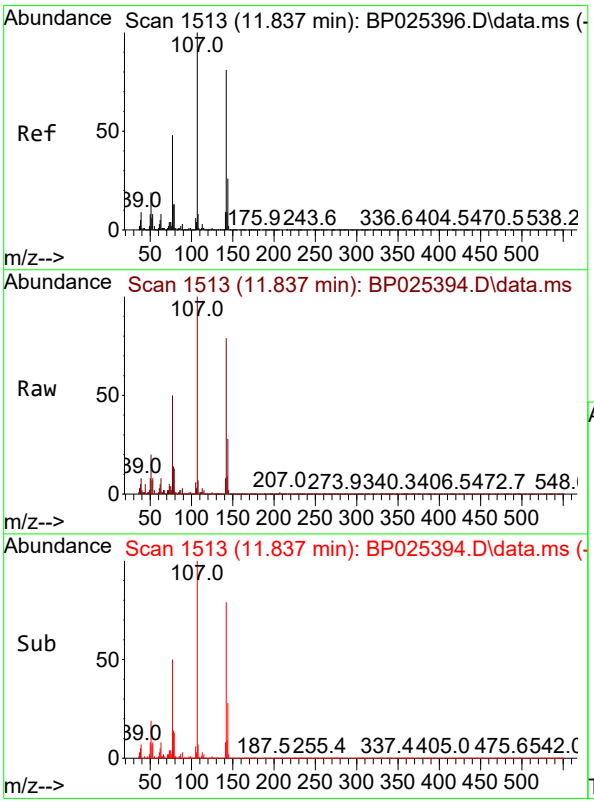
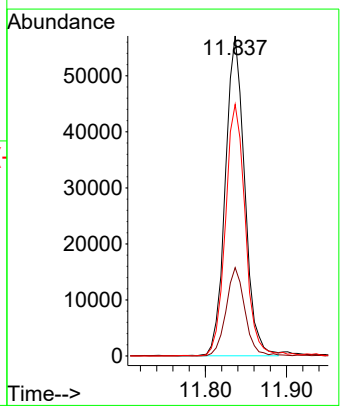
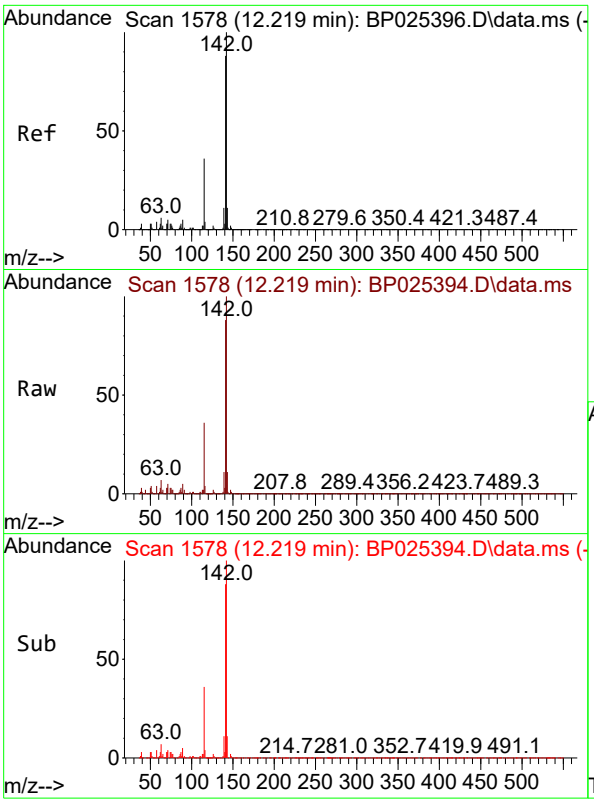


#36
4-Chloro-3-methylphenol
Concen: 9.431 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

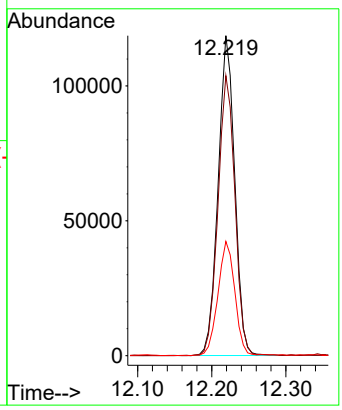




#37
2-Methylnaphthalene
Concen: 9.654 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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ClientSampleId :
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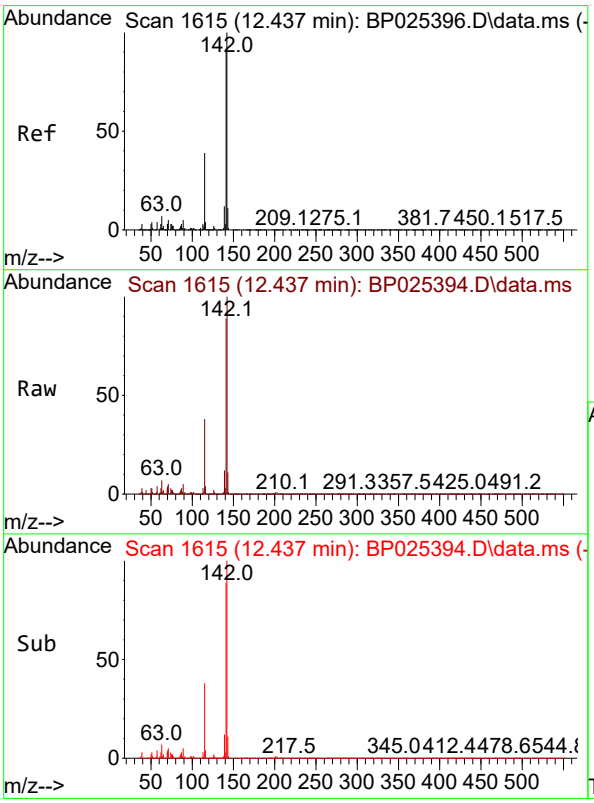
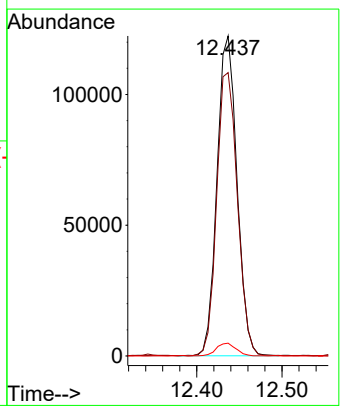
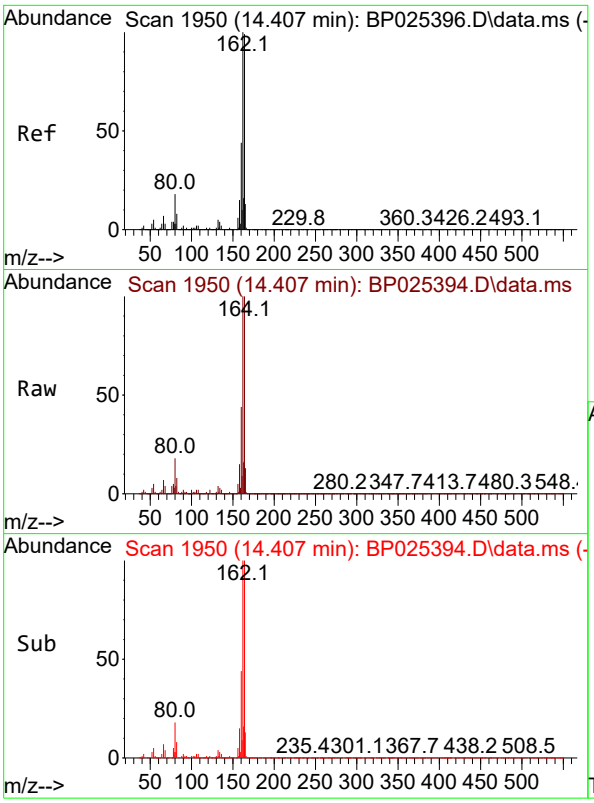


#38
1-Methylnaphthalene
Concen: 9.817 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

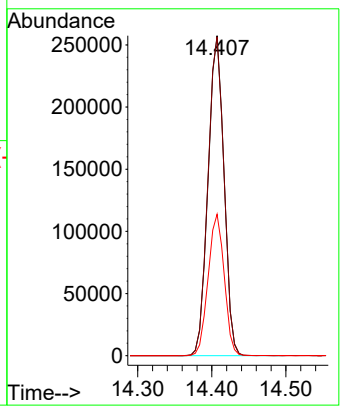




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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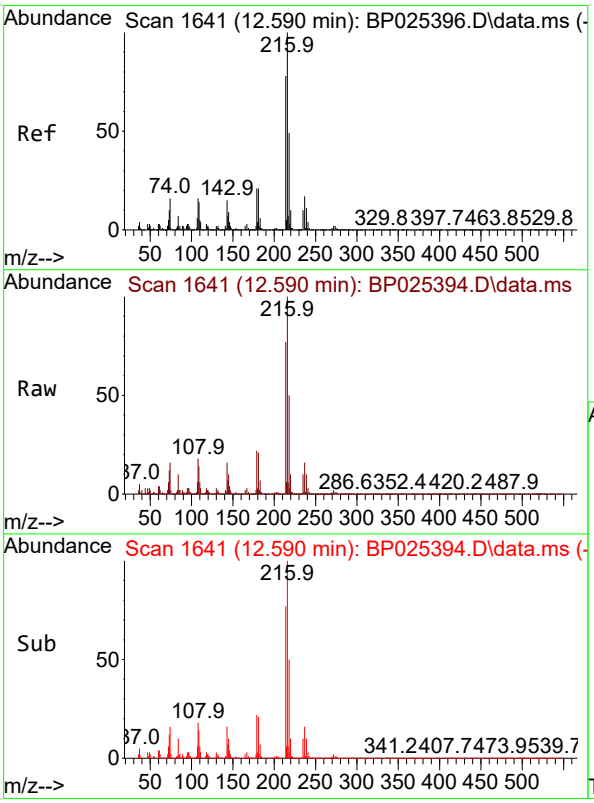
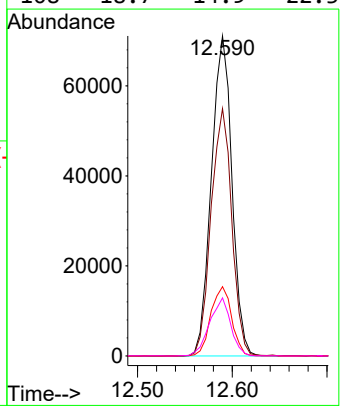
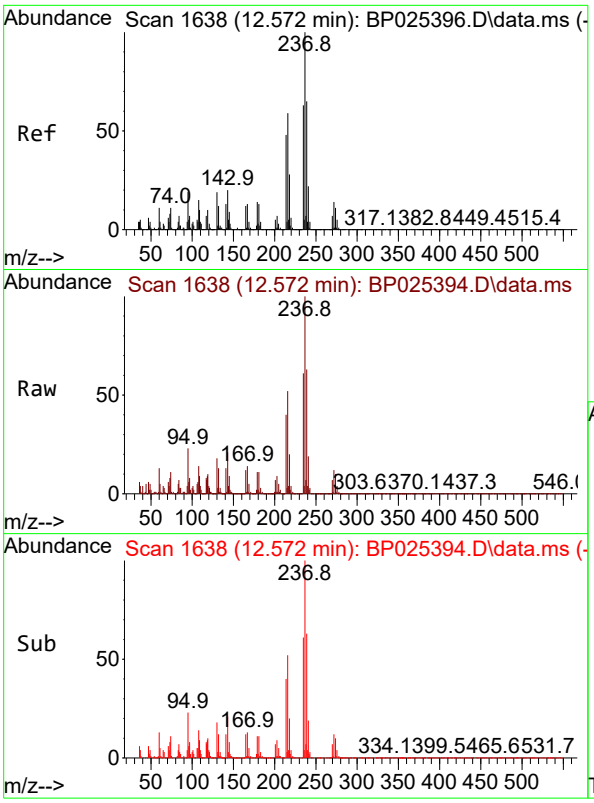


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.678 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

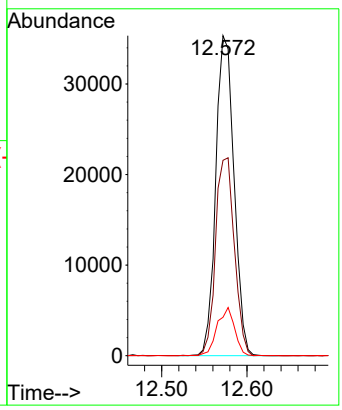




#41
Hexachlorocyclopentadiene
Concen: 7.867 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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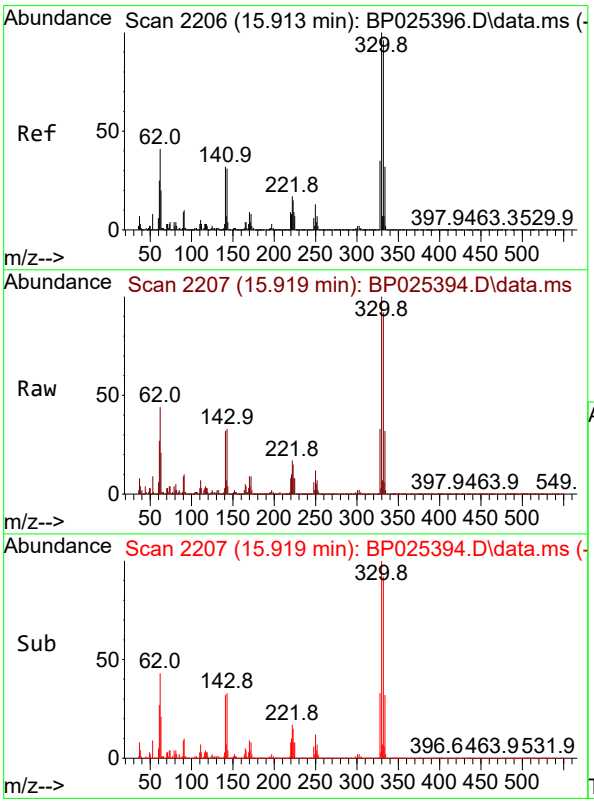
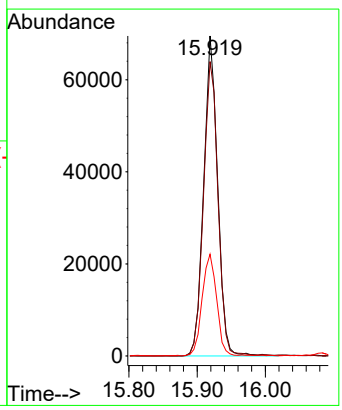
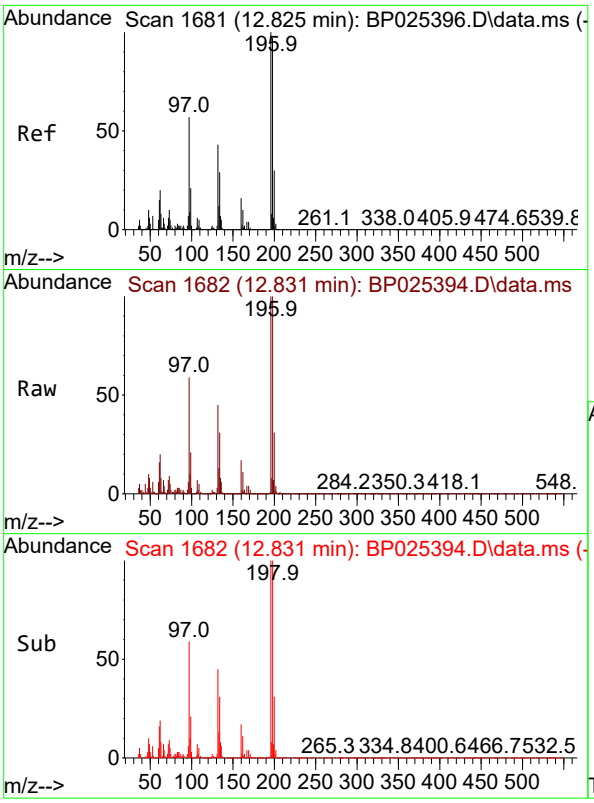


#42
2,4,6-Tribromophenol
Concen: 19.210 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

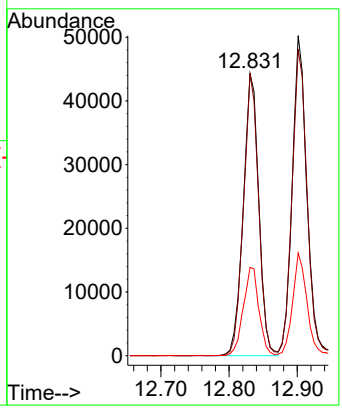




#43
2,4,6-Trichlorophenol
Concen: 9.339 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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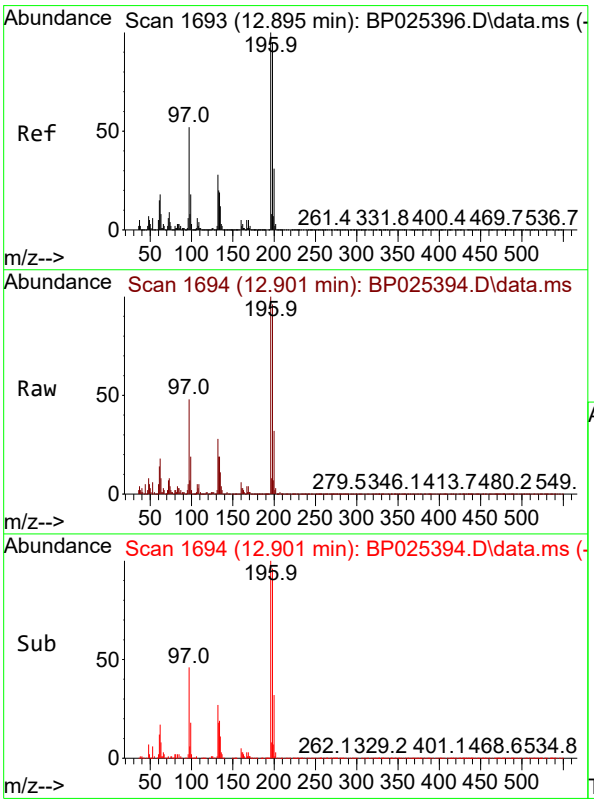
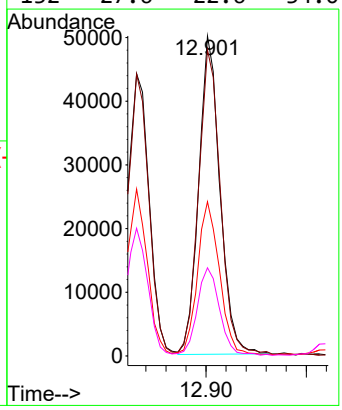
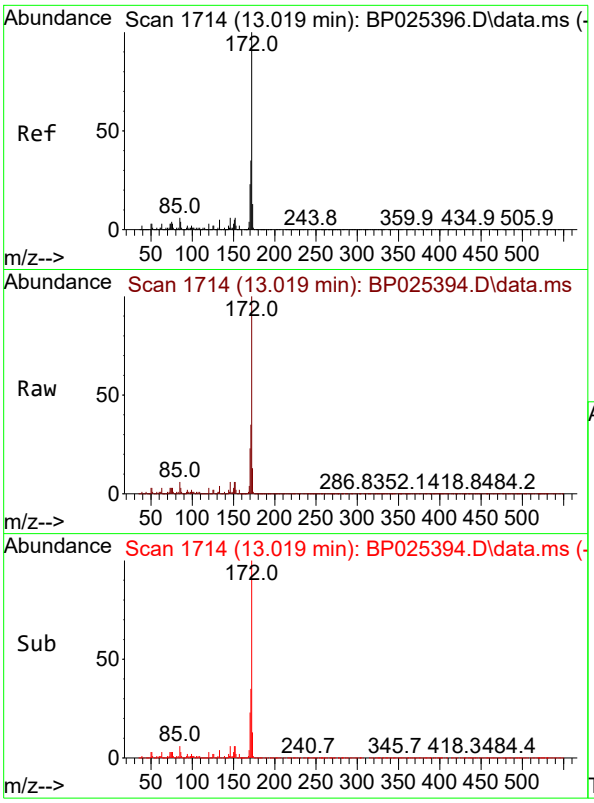


#44
2,4,5-Trichlorophenol
Concen: 9.006 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

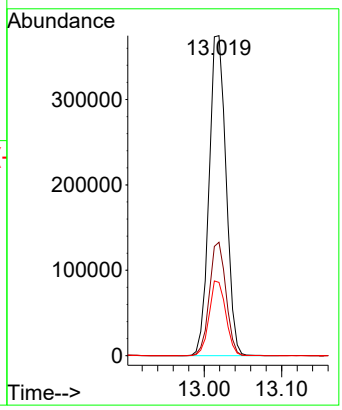




#45
2-Fluorobiphenyl
Concen: 20.271 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



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ClientSampleId :
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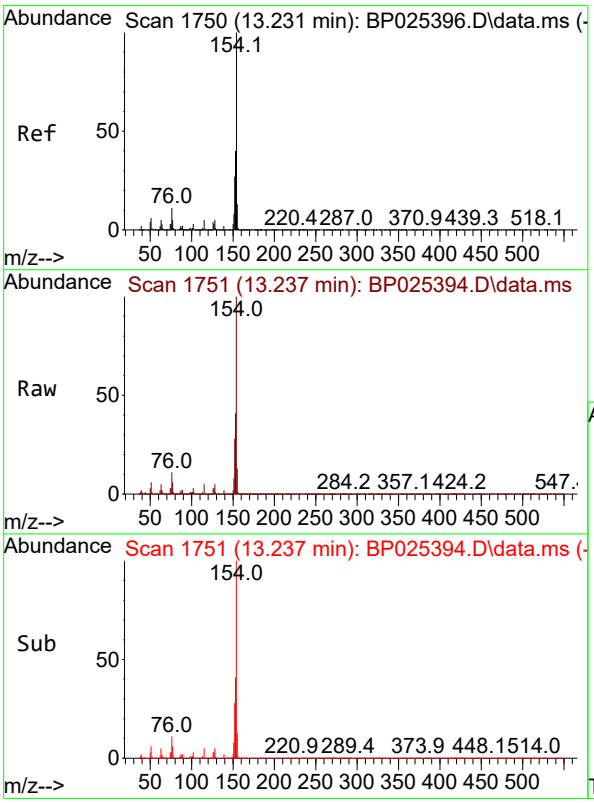
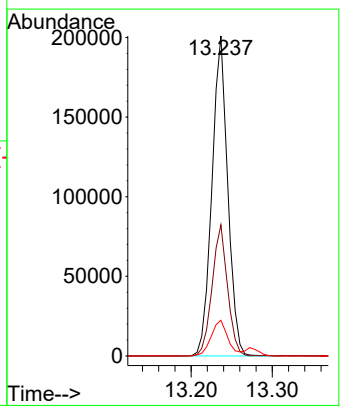
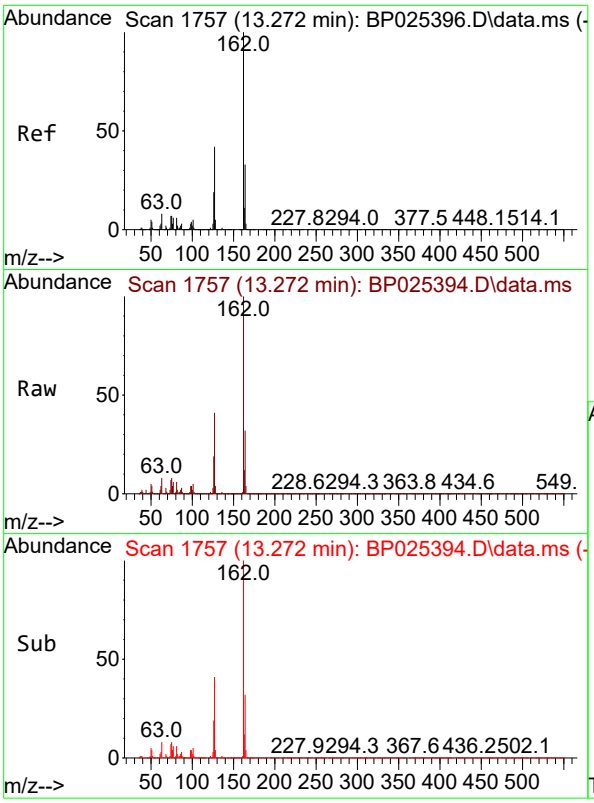


#46
1,1'-Biphenyl
Concen: 9.763 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

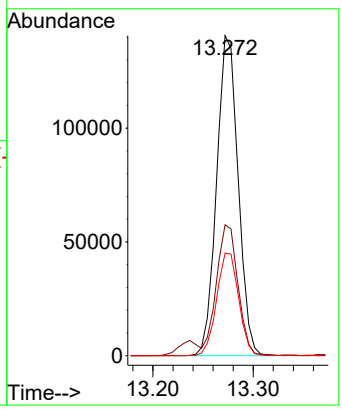




#47
2-Chloronaphthalene
Concen: 9.666 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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ClientSampleId :
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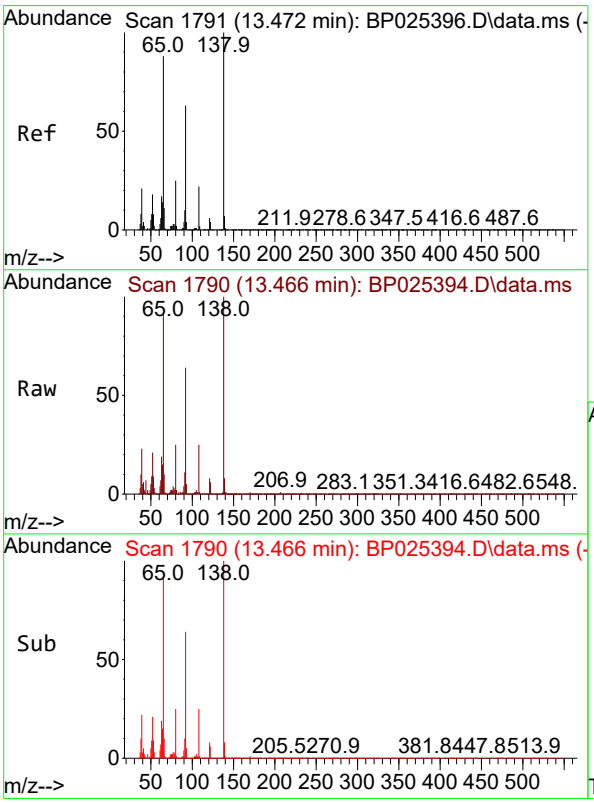
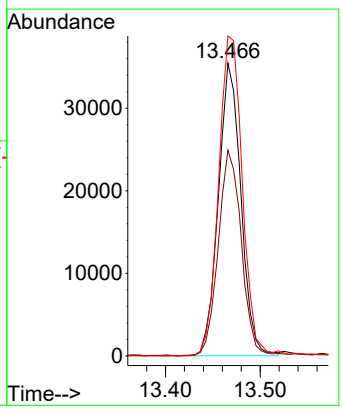
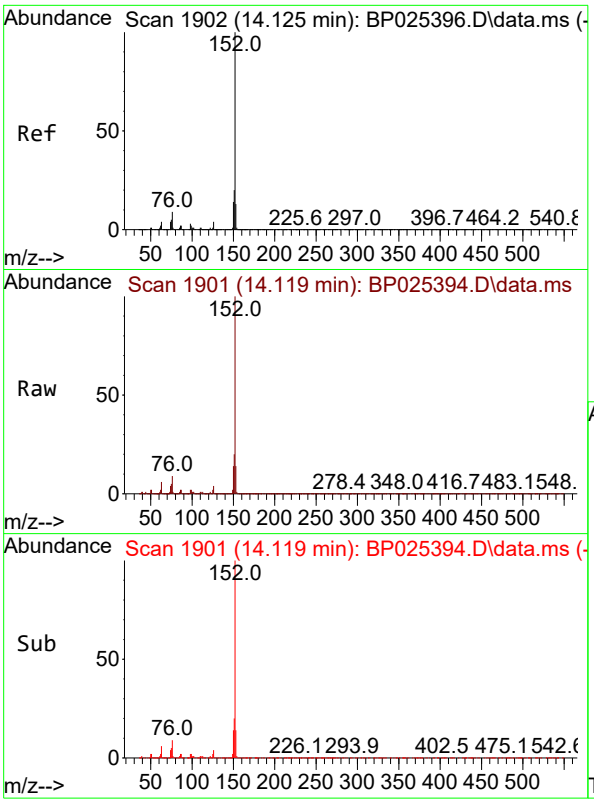


#48
2-Nitroaniline
Concen: 9.287 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

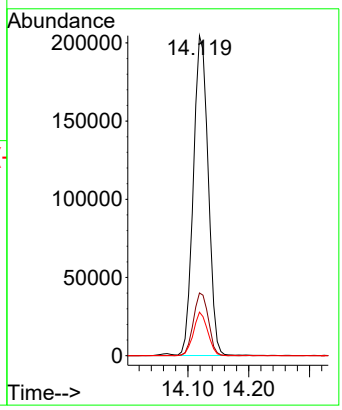




#49
Acenaphthylene
Concen: 9.652 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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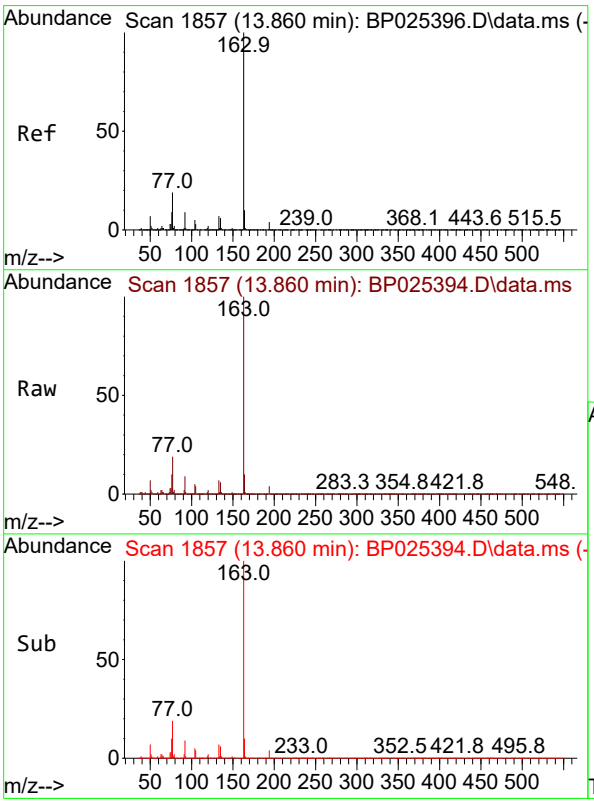
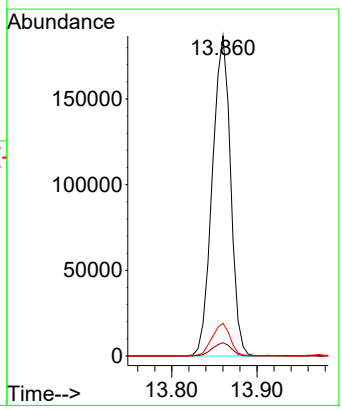
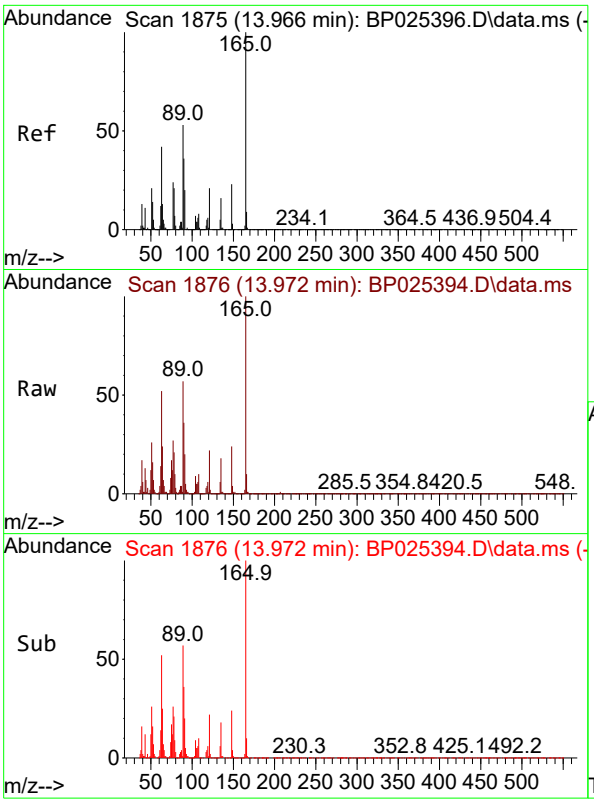


#50
Dimethylphthalate
Concen: 9.896 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

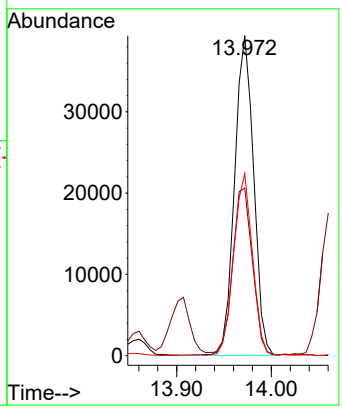




#51
2,6-Dinitrotoluene
Concen: 9.292 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
SSTDICC010

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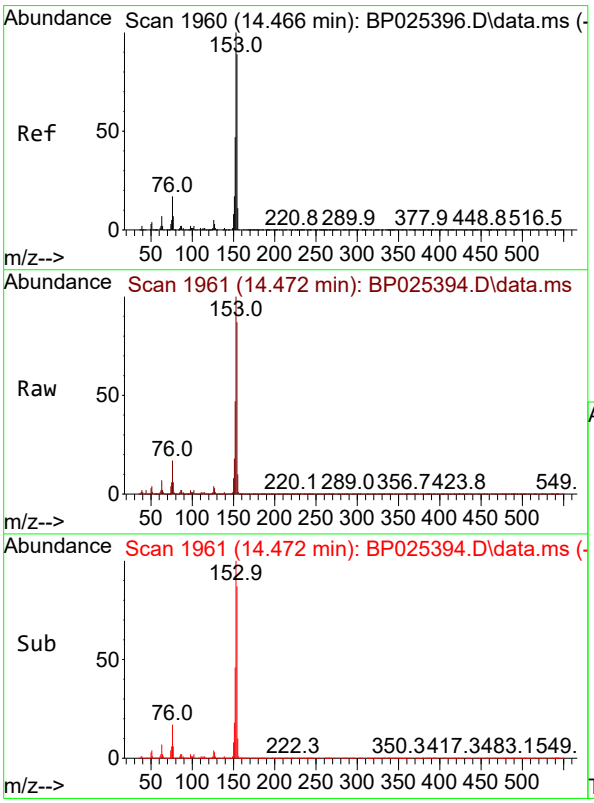
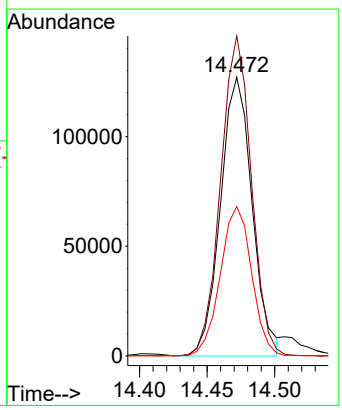
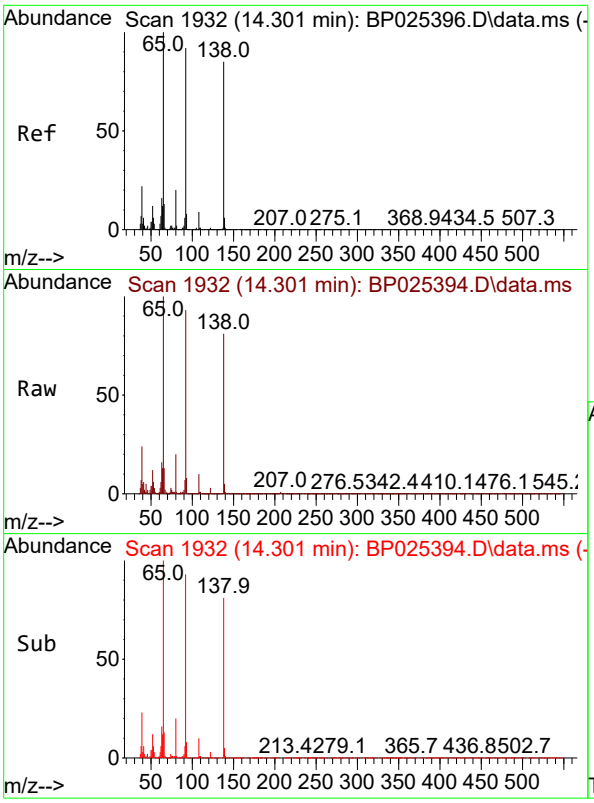


#52
Acenaphthene
Concen: 9.848 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

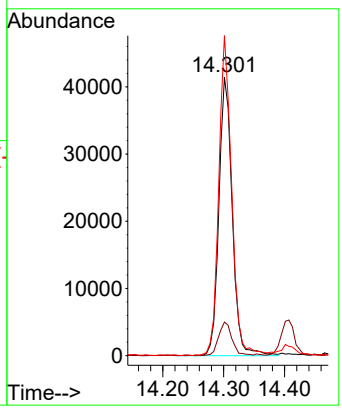




#53
3-Nitroaniline
Concen: 9.466 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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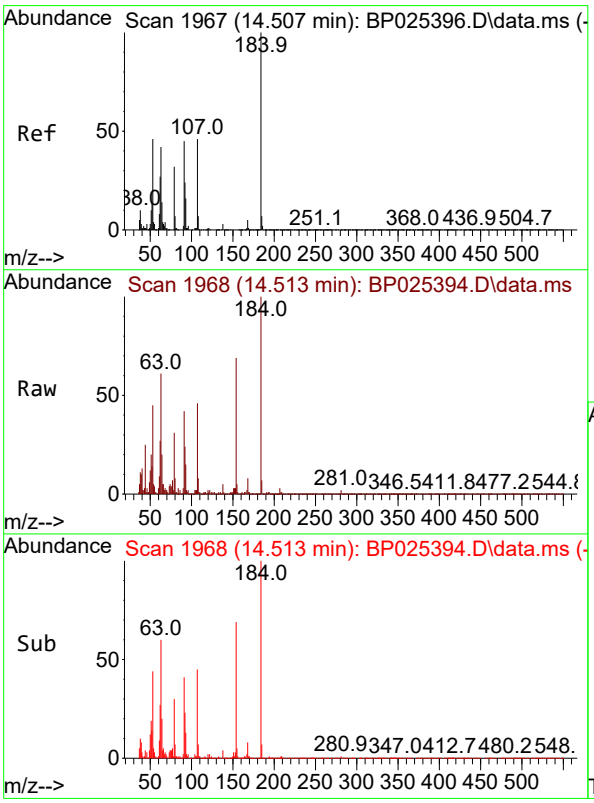
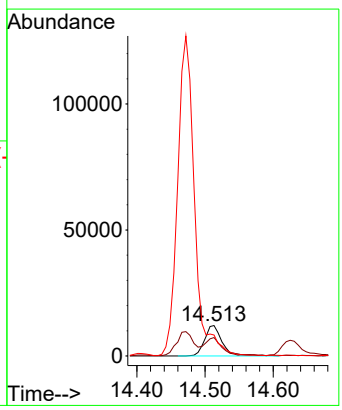
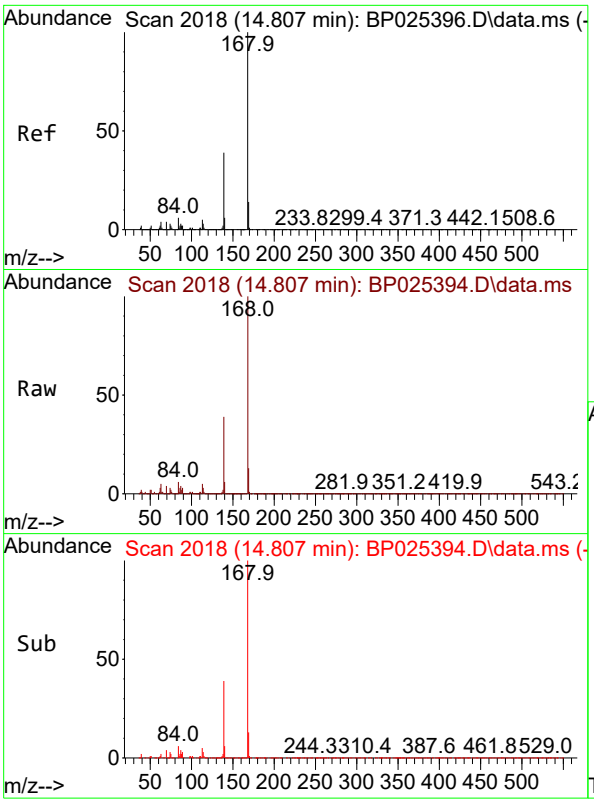


#54
2,4-Dinitrophenol
Concen: 6.886 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
SSTDICC010

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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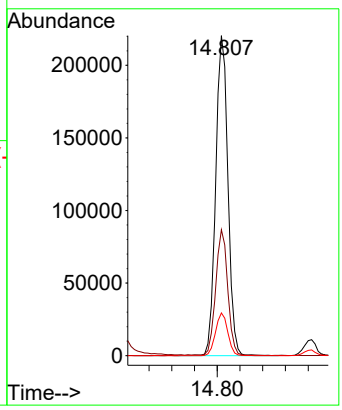
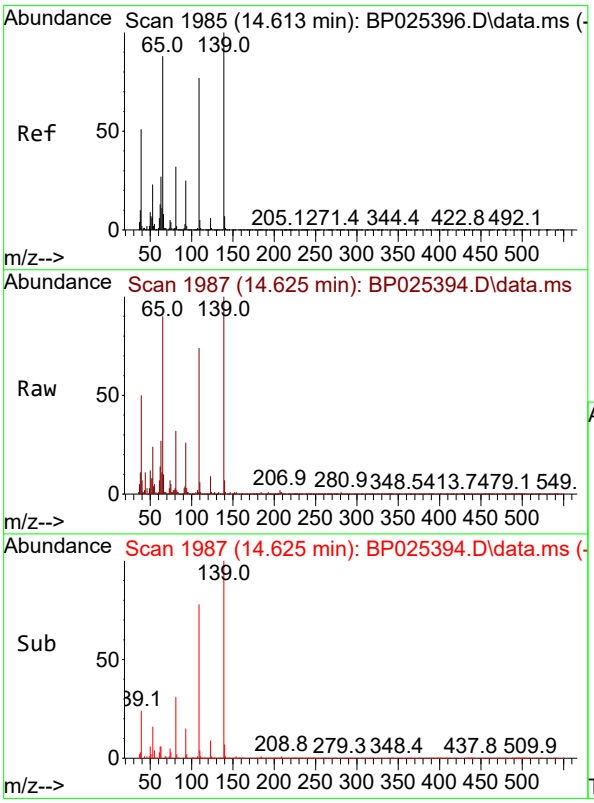
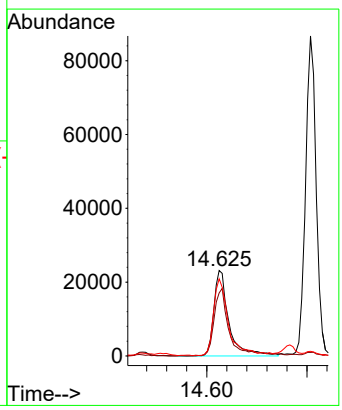


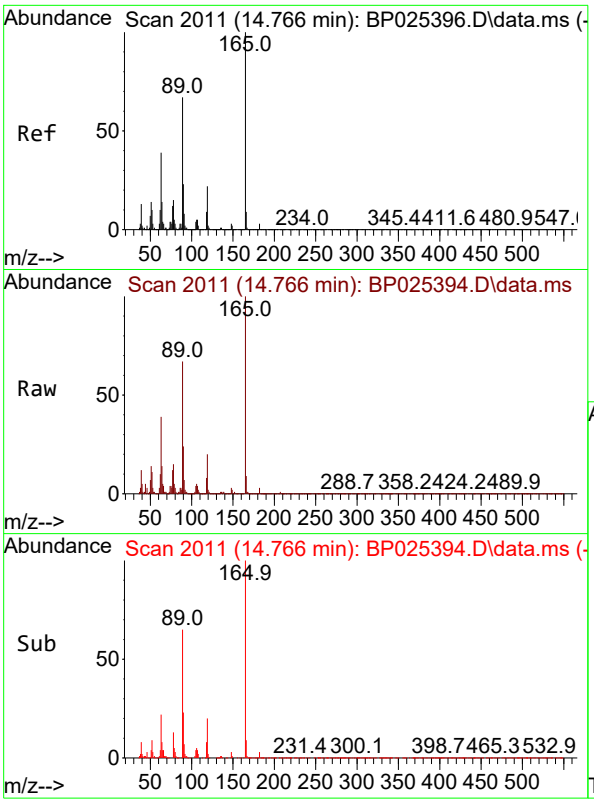


#56
4-Nitrophenol
Concen: 8.797 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

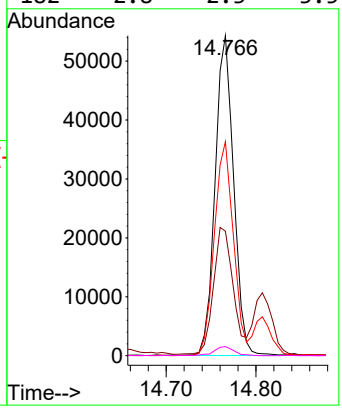




#57
2,4-Dinitrotoluene
Concen: 9.237 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
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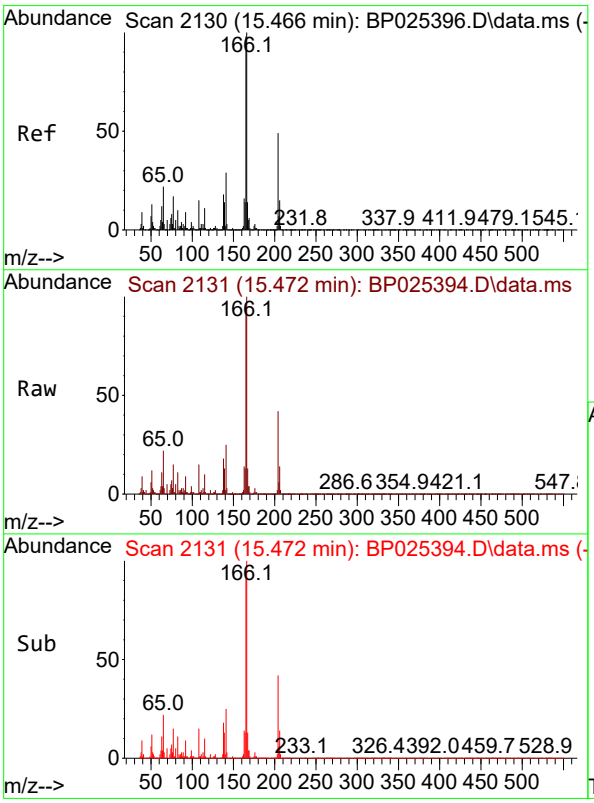
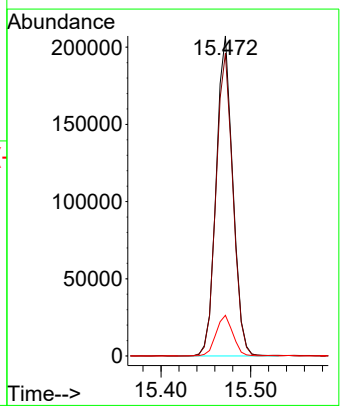
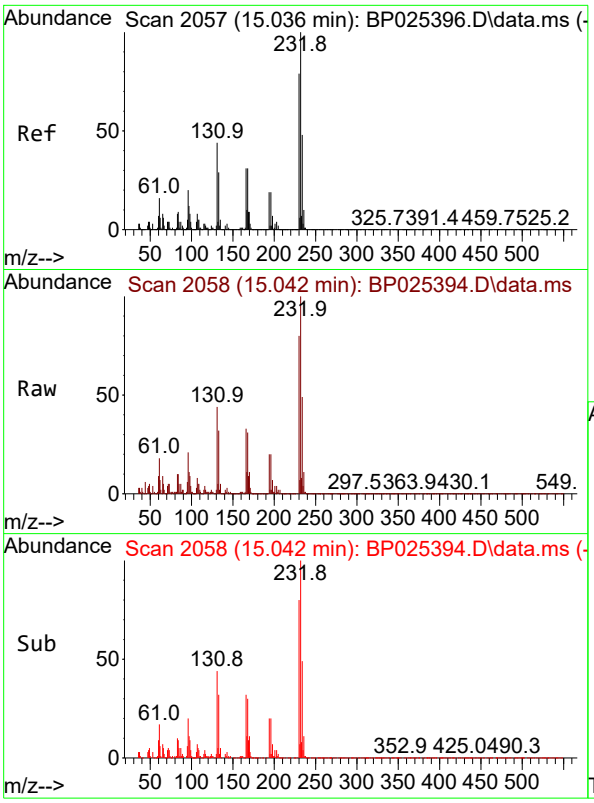


#58
Fluorene
Concen: 10.156 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

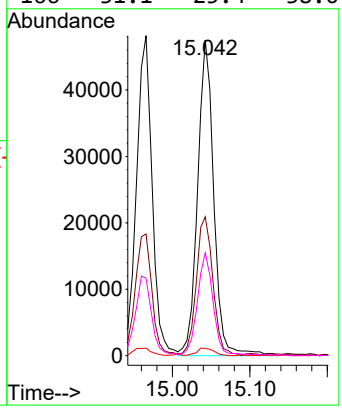




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.533 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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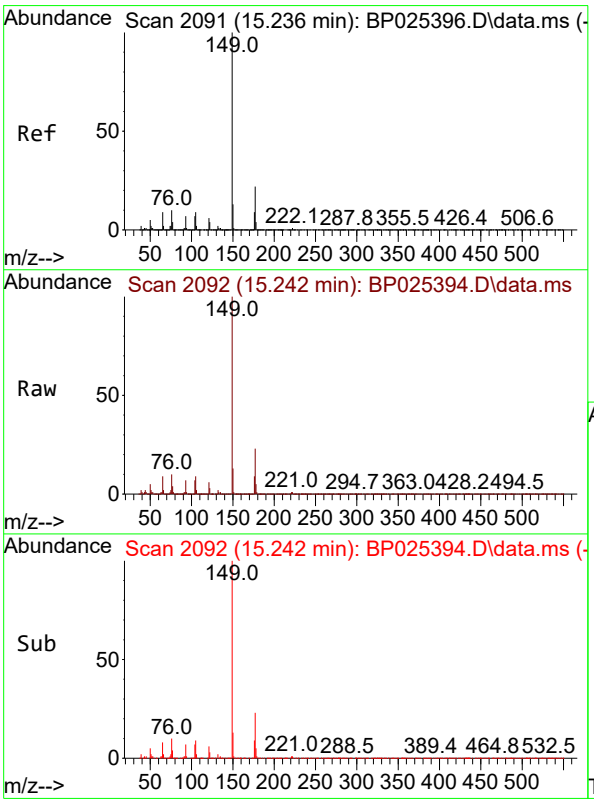
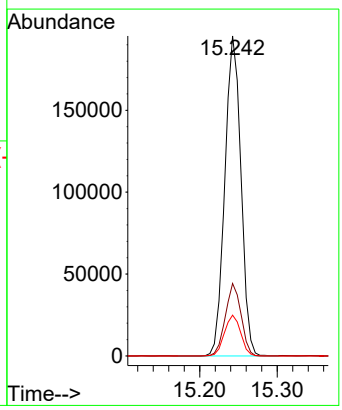
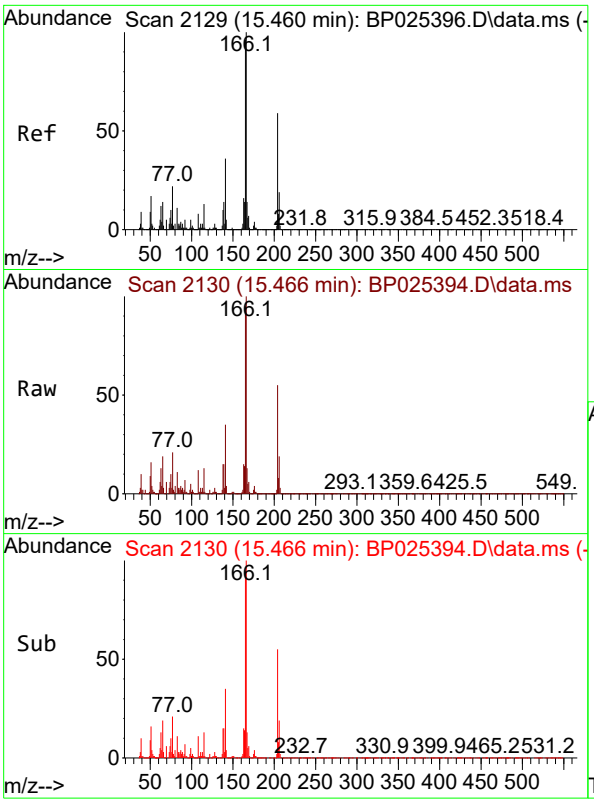


#60
Diethylphthalate
Concen: 9.909 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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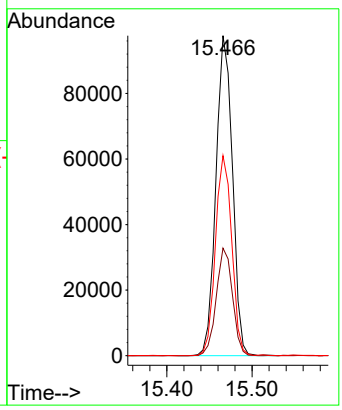
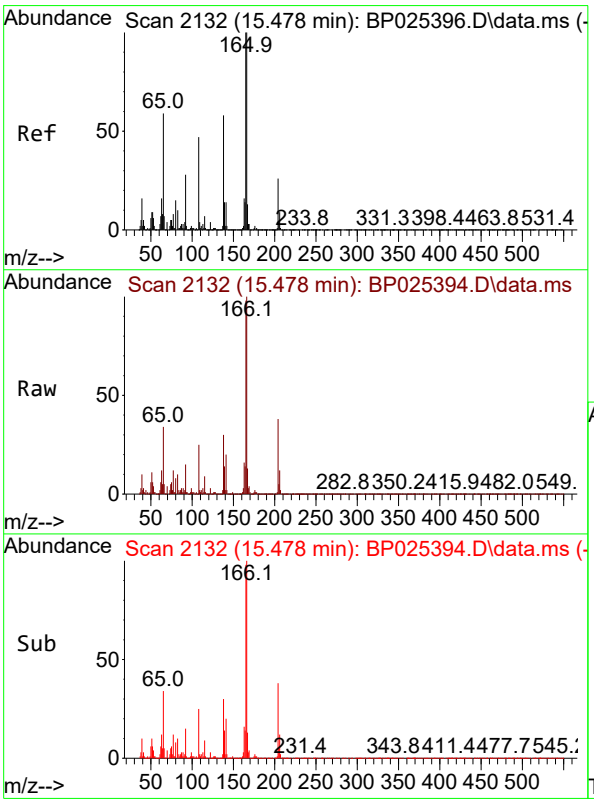
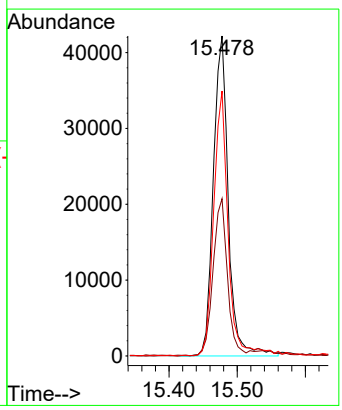


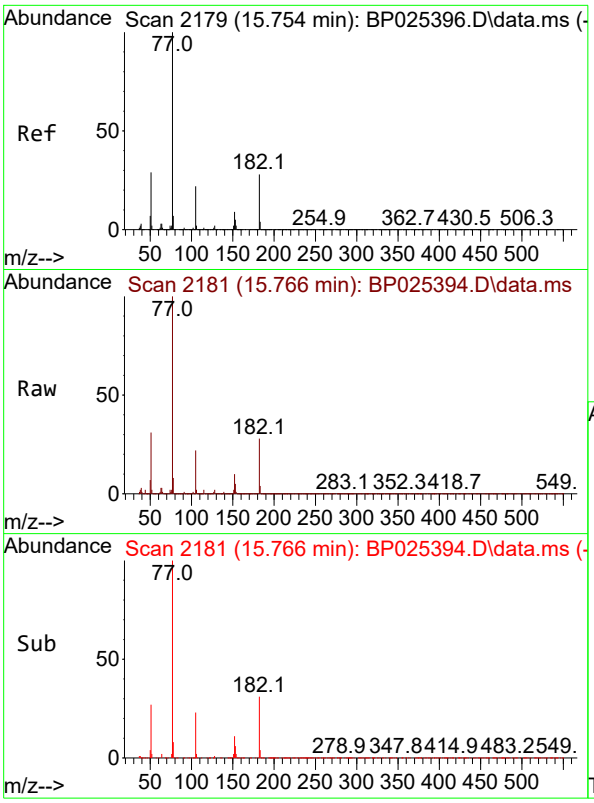


#62
4-Nitroaniline
Concen: 9.437 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

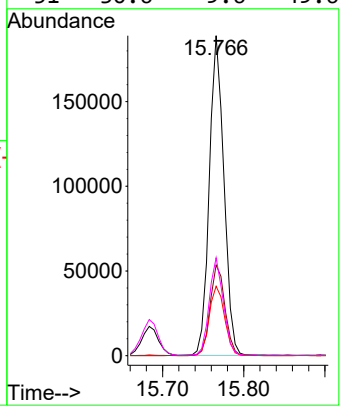




#63
Azobenzene
Concen: 9.620 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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



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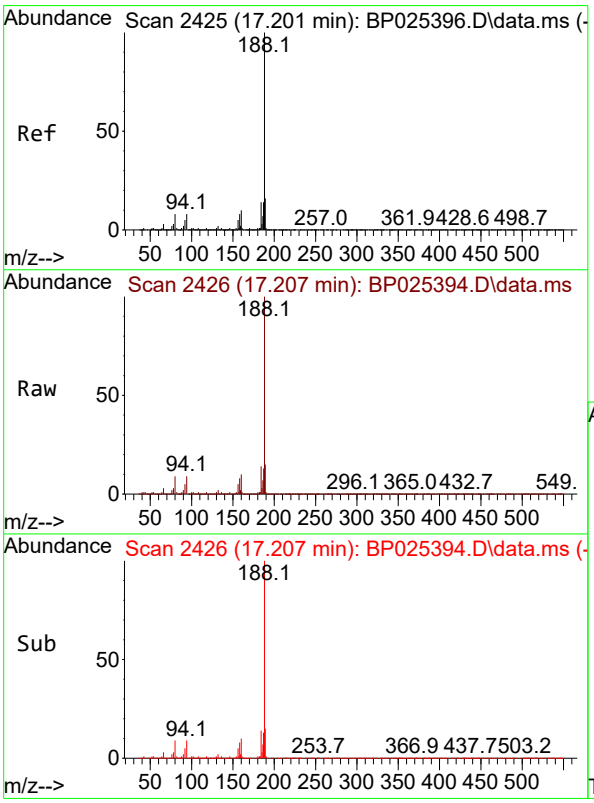
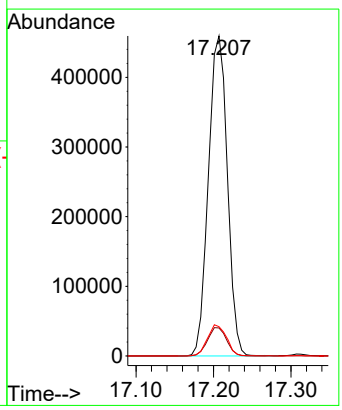
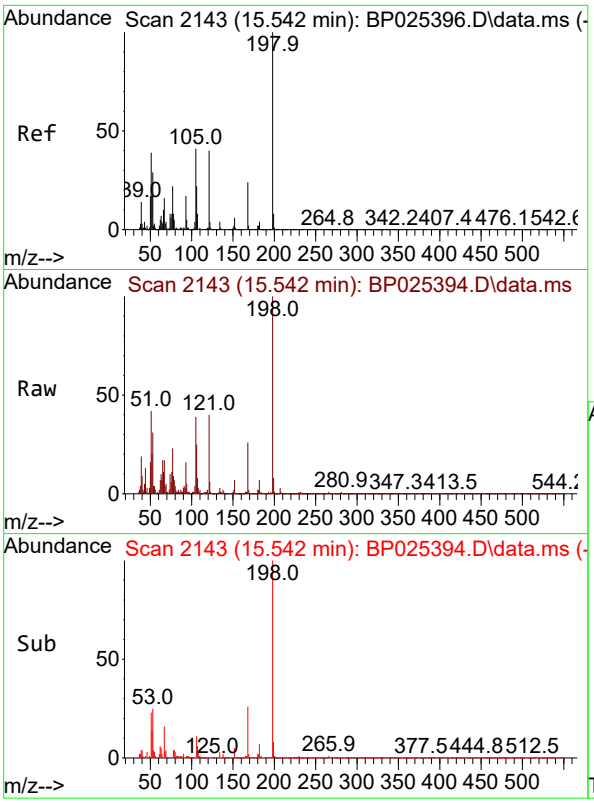


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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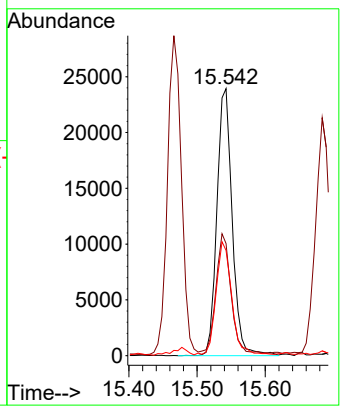
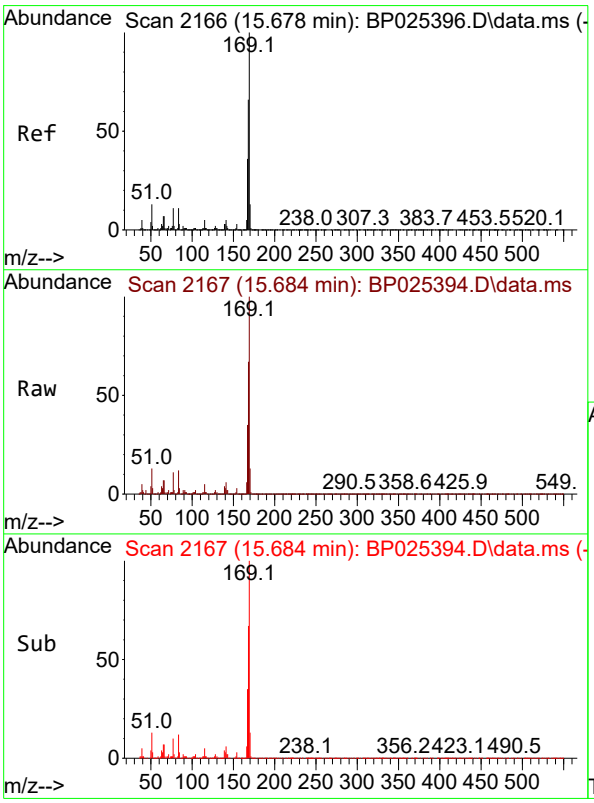
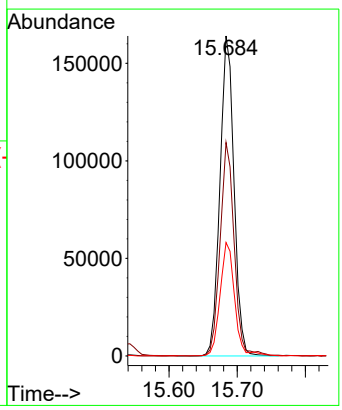


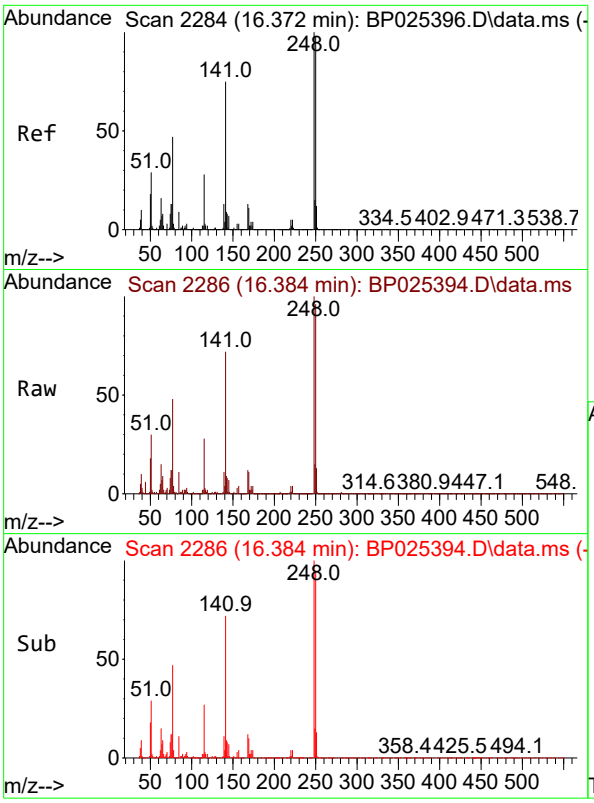


#66
n-Nitrosodiphenylamine
Concen: 9.883 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

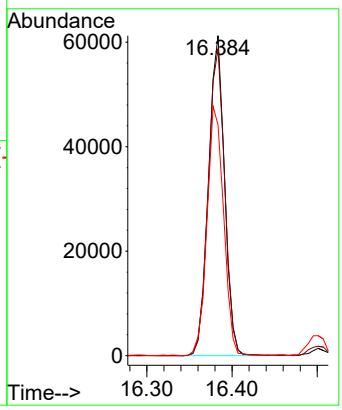




#67
4-Bromophenyl-phenylether
Concen: 9.358 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
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ClientSampleId :
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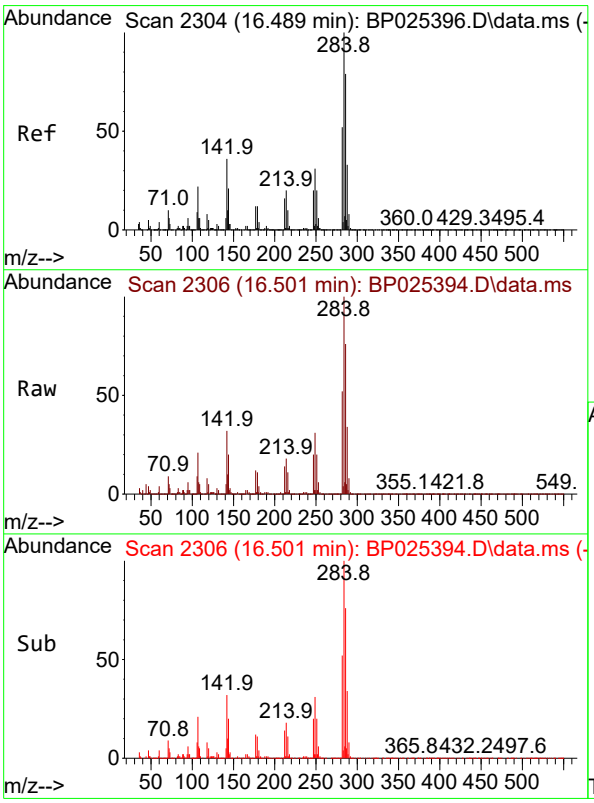
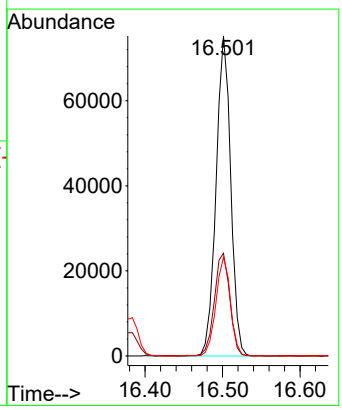
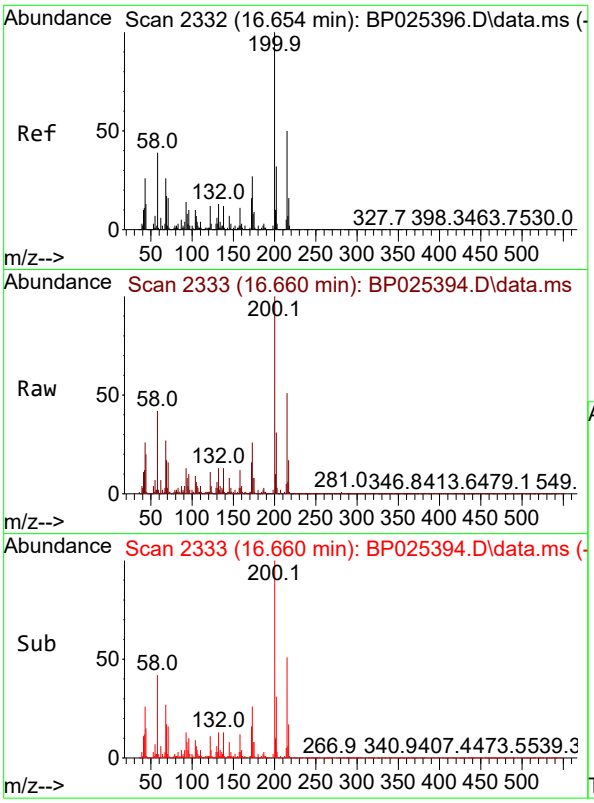


#68
Hexachlorobenzene
Concen: 9.905 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

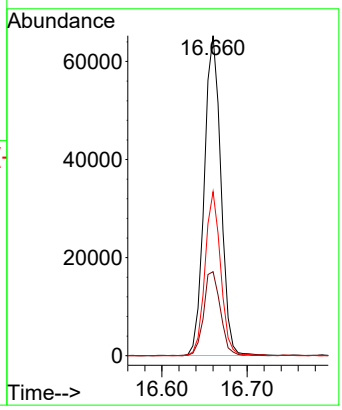




#69
Atrazine
Concen: 9.894 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
SSTDICC010

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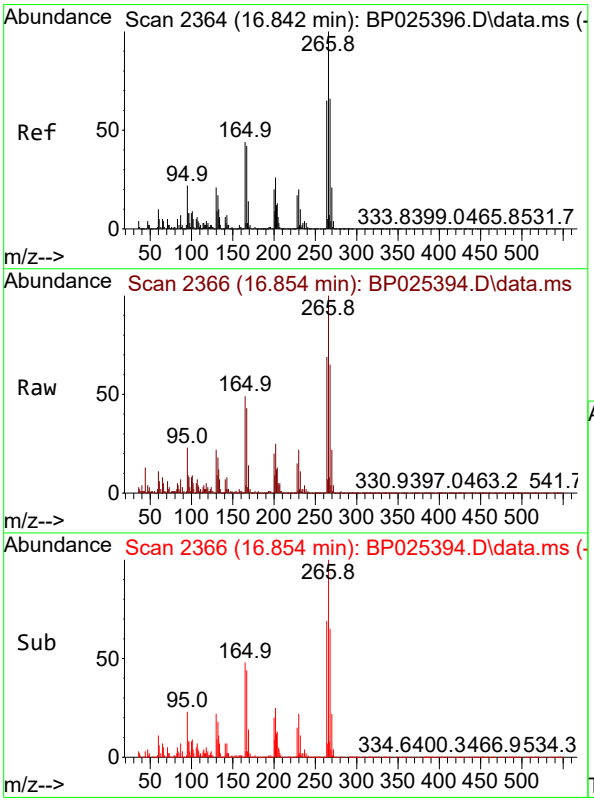
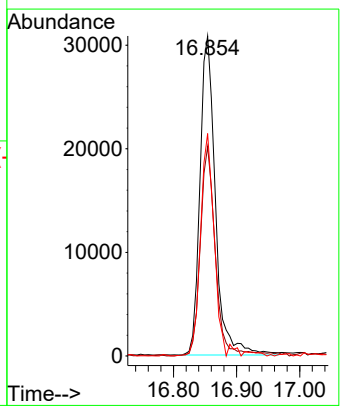
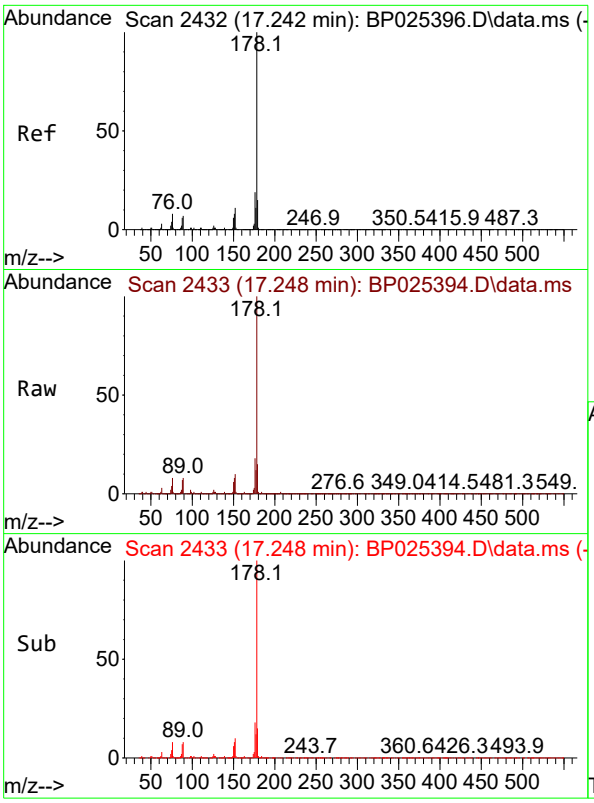


#70
Pentachlorophenol
Concen: 8.360 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

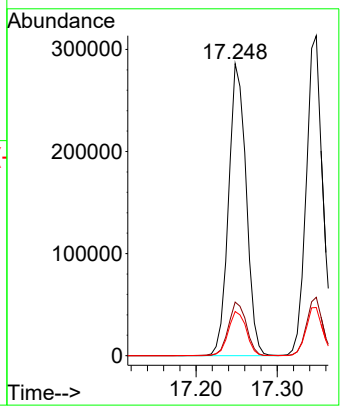




#71
Phenanthrene
Concen: 10.018 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
SSTDICC010

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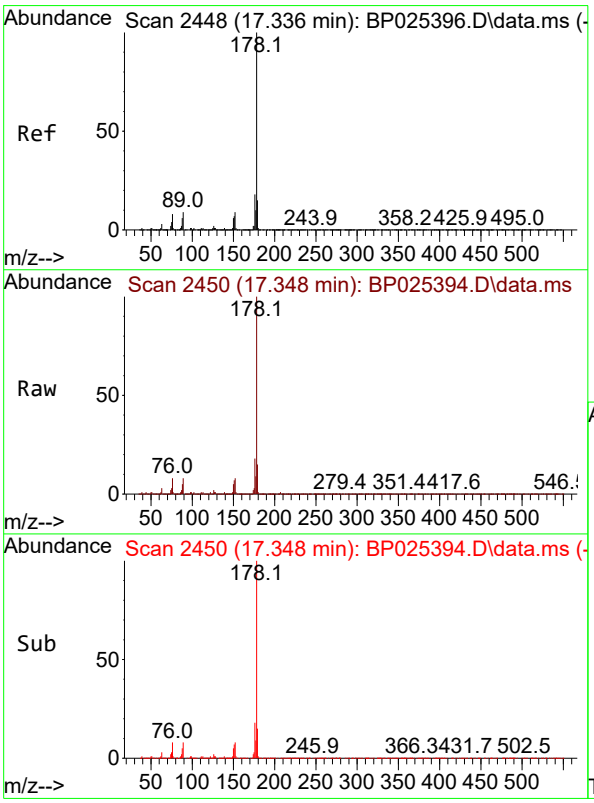
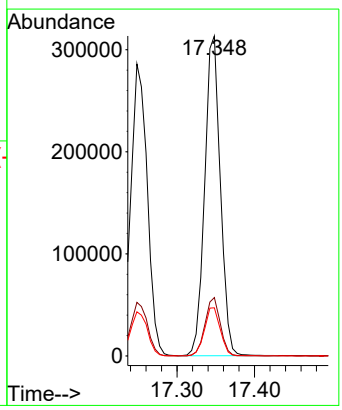
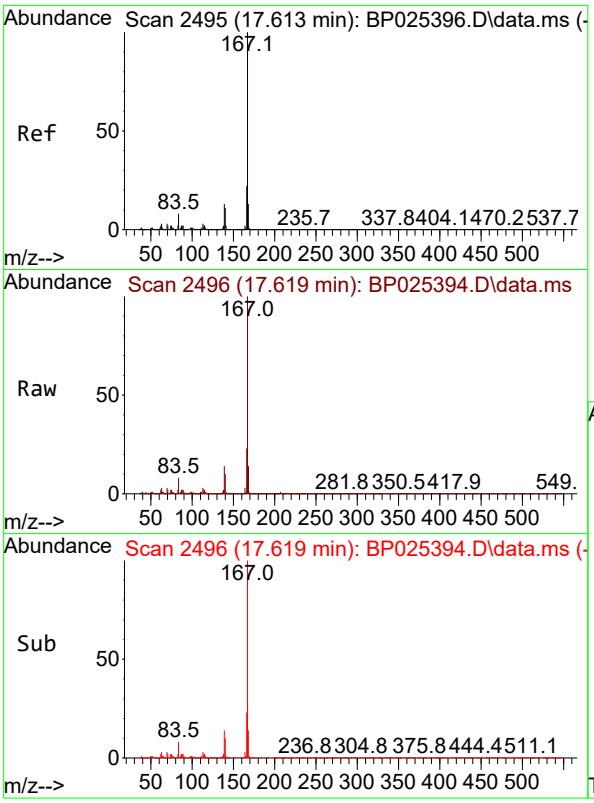


#72
Anthracene
Concen: 10.020 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

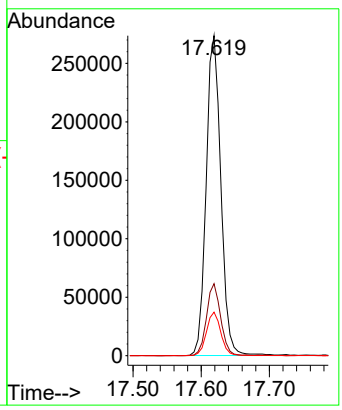




#73
Carbazole
Concen: 9.954 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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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ClientSampleId :
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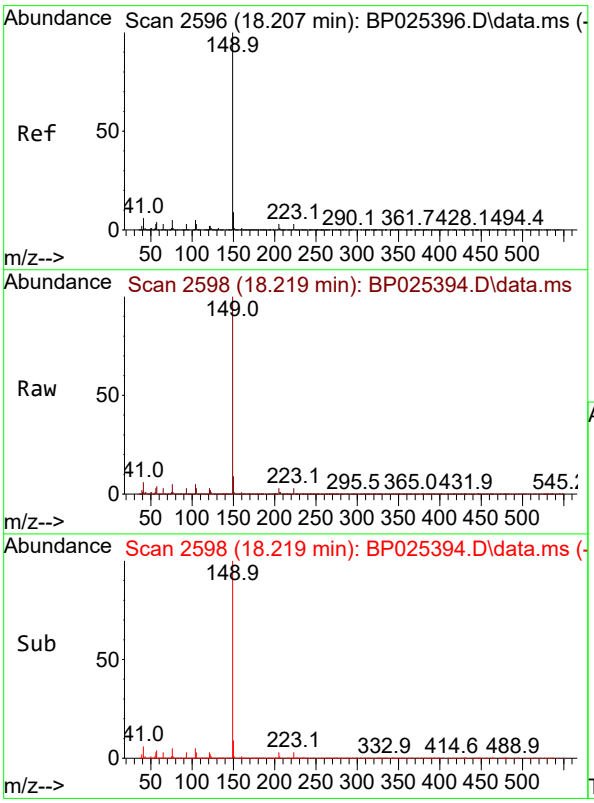
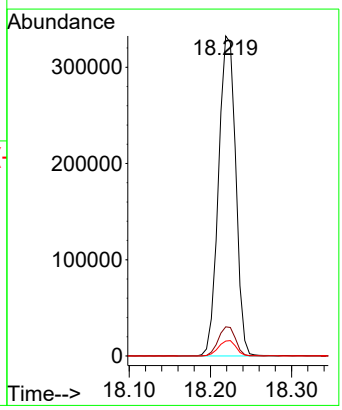
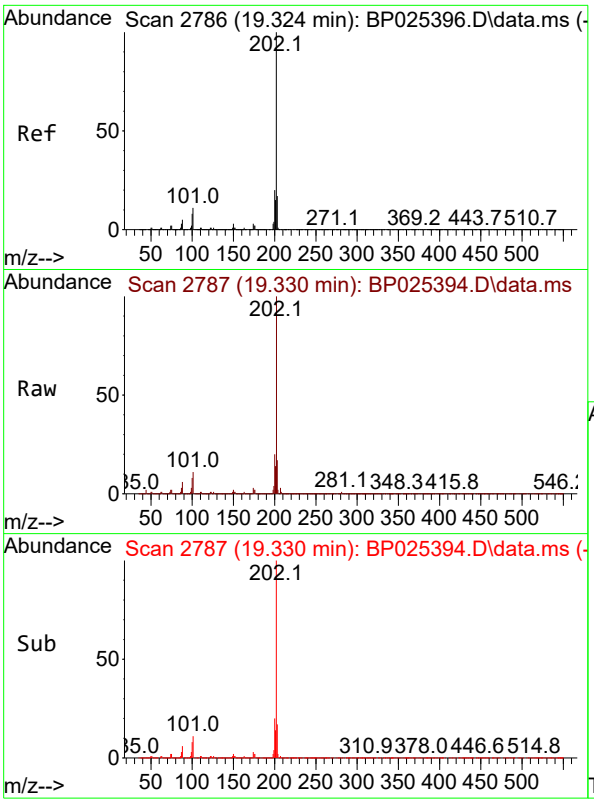


#74
Di-n-butylphthalate
Concen: 9.656 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
SSTDICC010

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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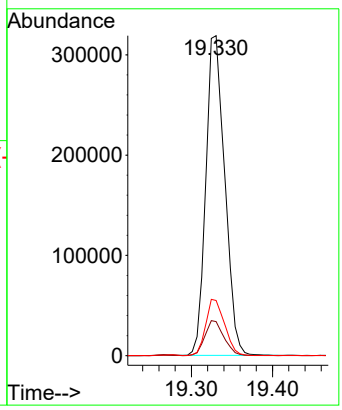
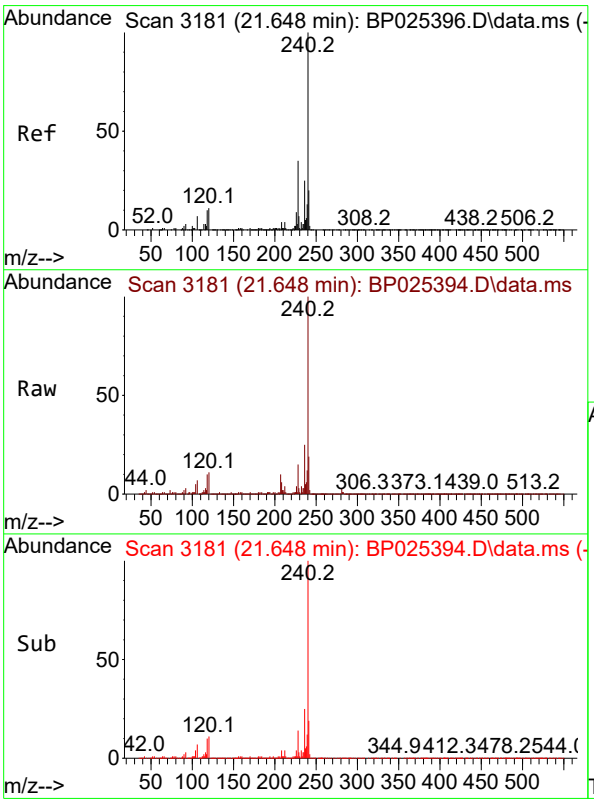
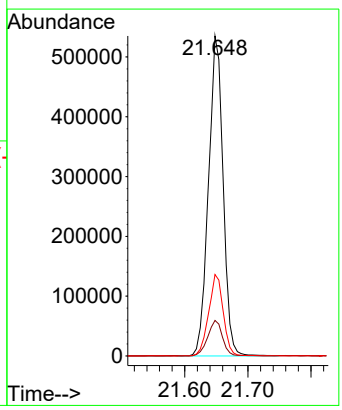


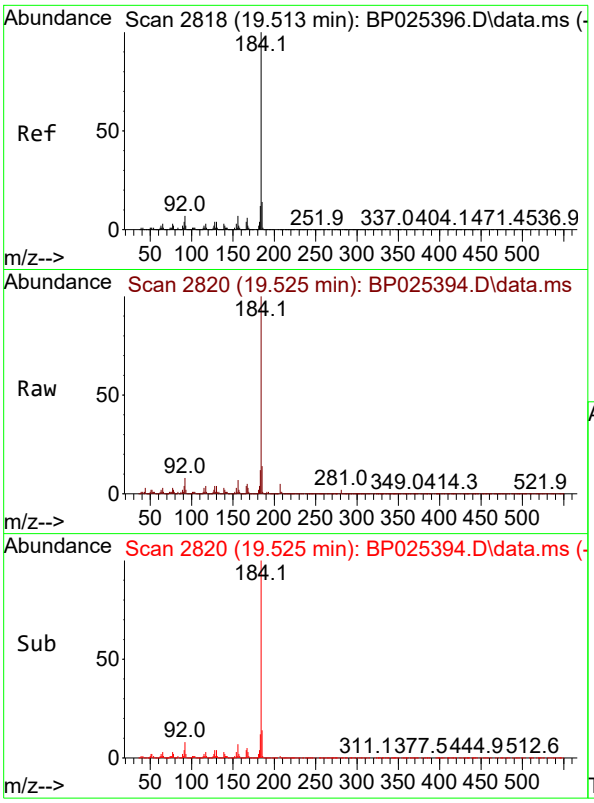


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

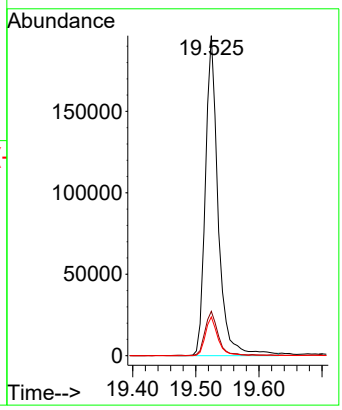




#77
Benzidine
Concen: 9.406 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
SSTDICC010

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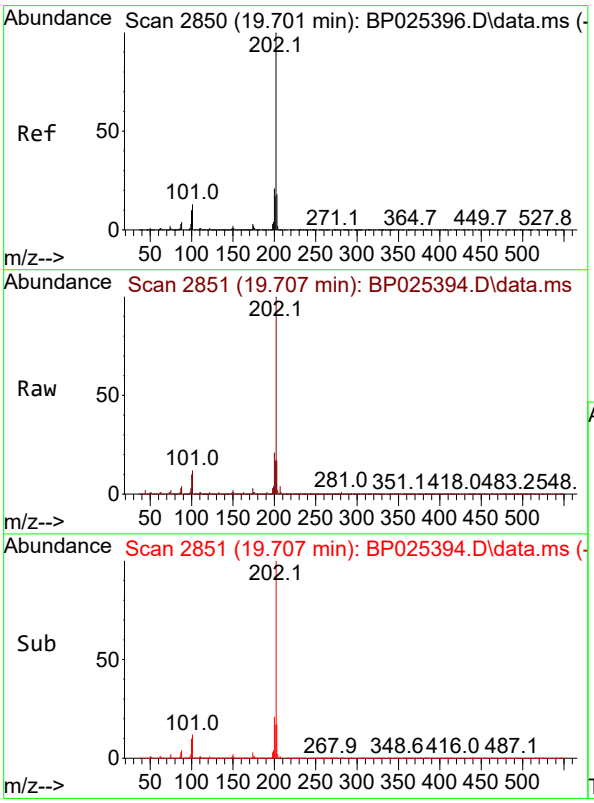
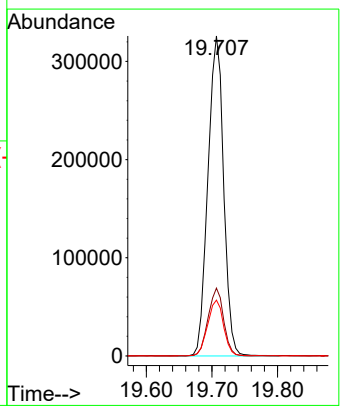
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

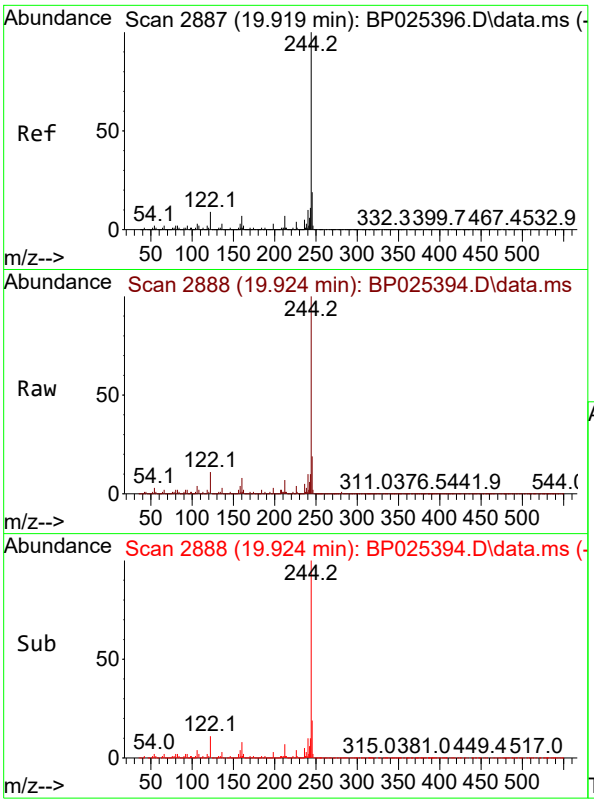


#78
Pyrene
Concen: 9.704 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

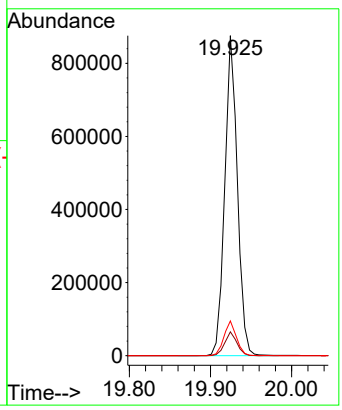




#79
Terphenyl-d14
Concen: 20.125 ng
RT: 19.924 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

Manual Integrations
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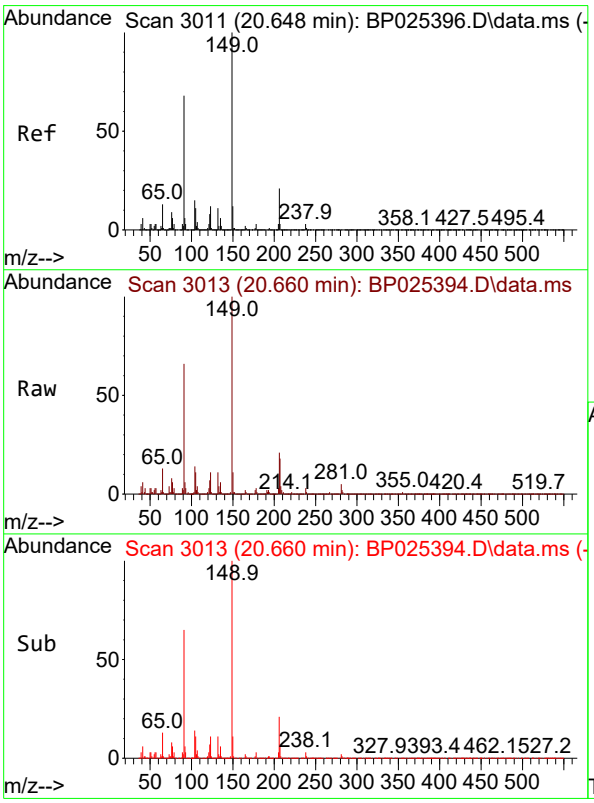
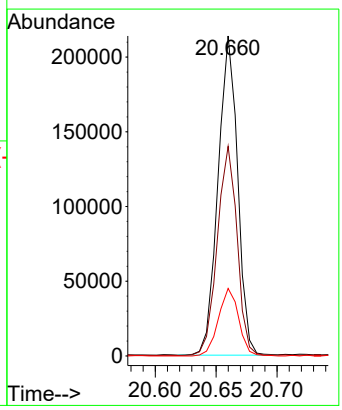
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

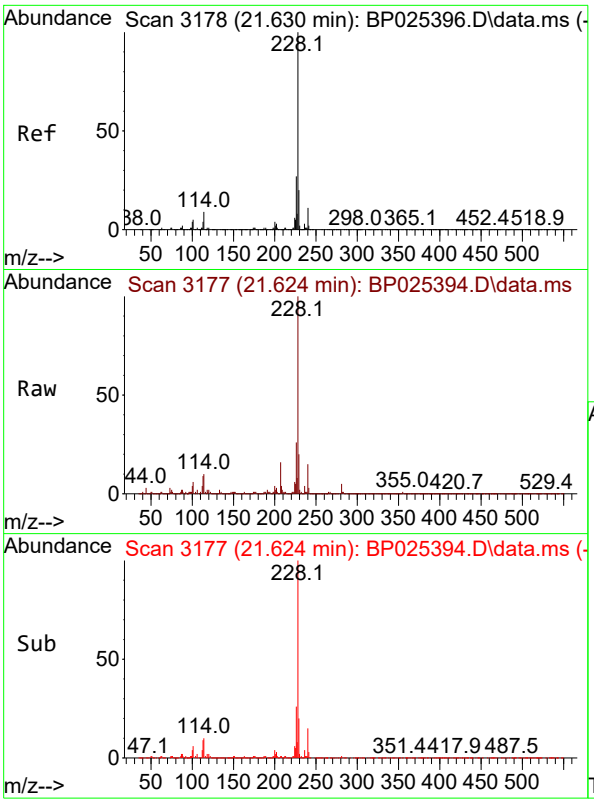


#80
Butylbenzylphthalate
Concen: 9.446 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

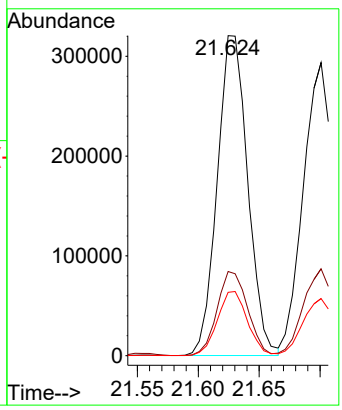




#81
Benzo(a)anthracene
Concen: 9.874 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
SSTDICC010

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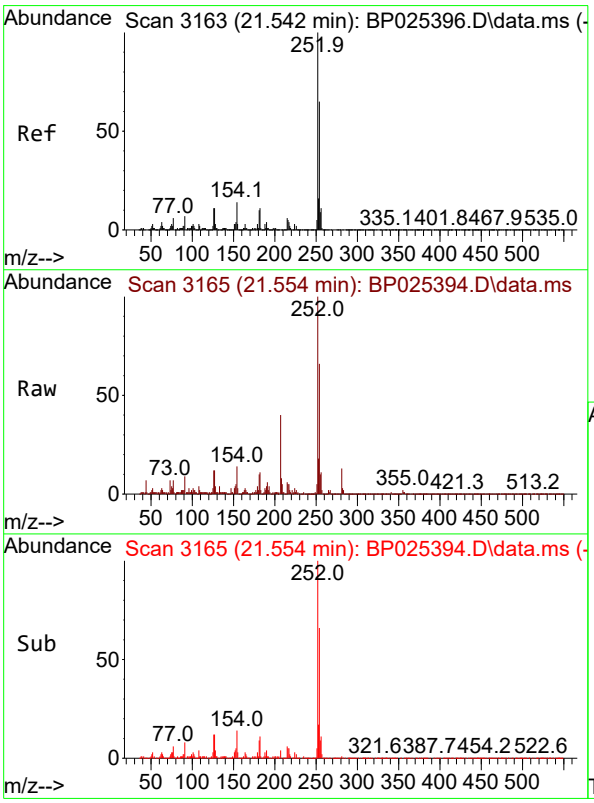
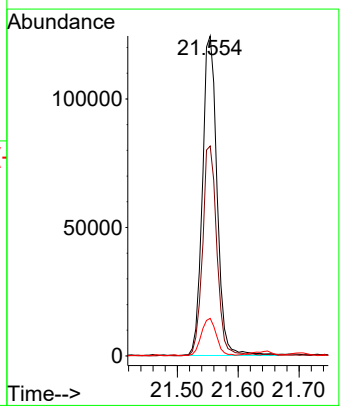
Supervised By :Jagrut Upadhyay 08/15/2025

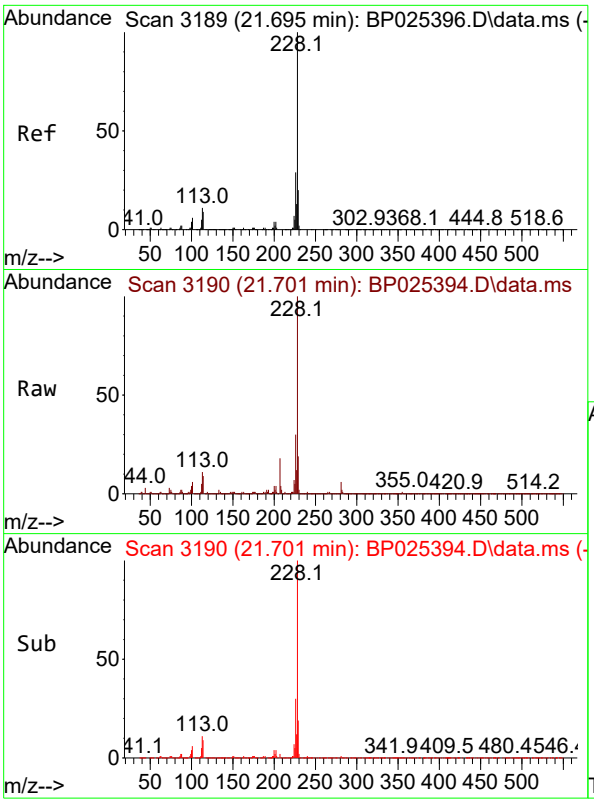


#82
3,3'-Dichlorobenzidine
Concen: 9.686 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

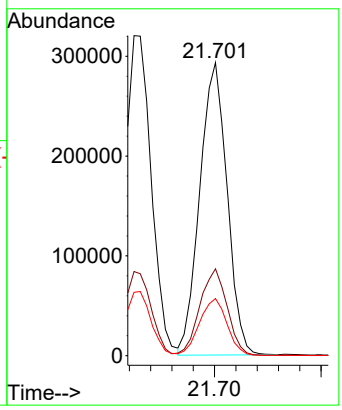




#83
Chrysene
Concen: 9.831 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
SSTDICC010

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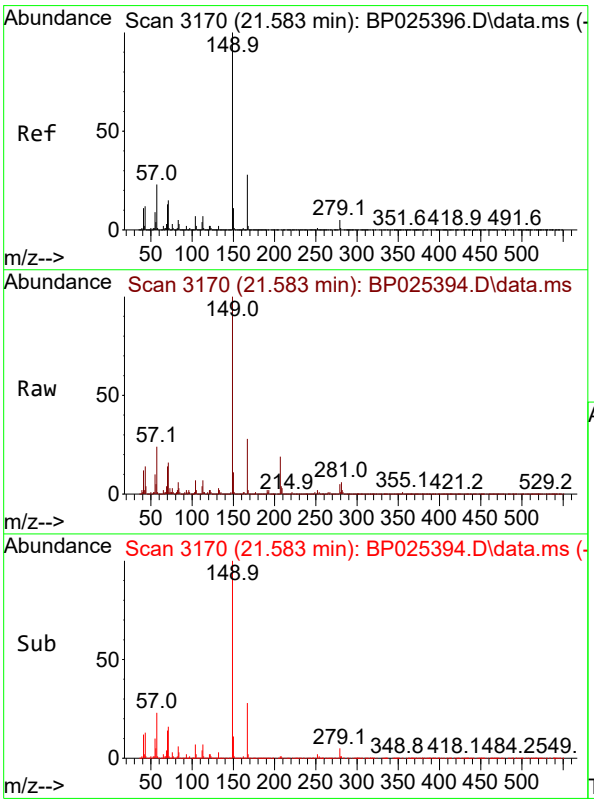
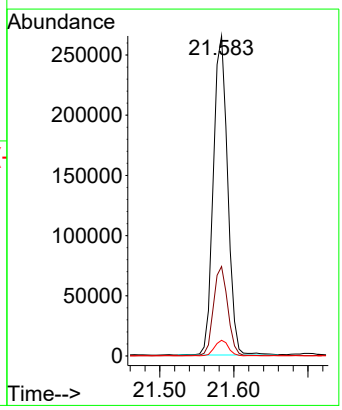
Supervised By :Jagrut Upadhyay 08/15/2025

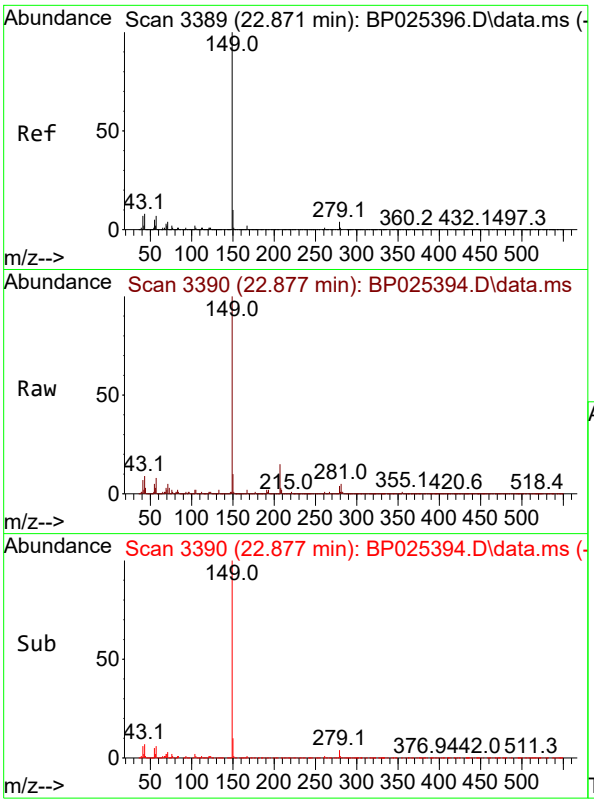


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.529 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

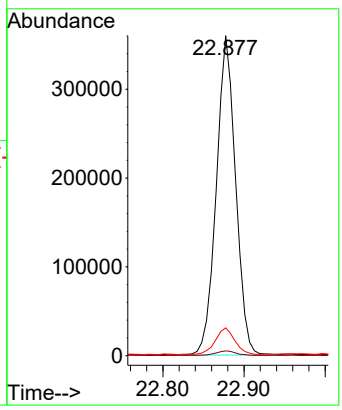




#85
Di-n-octyl phthalate
Concen: 9.259 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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 :
BNA_P
ClientSampleId :
SSTDICC010

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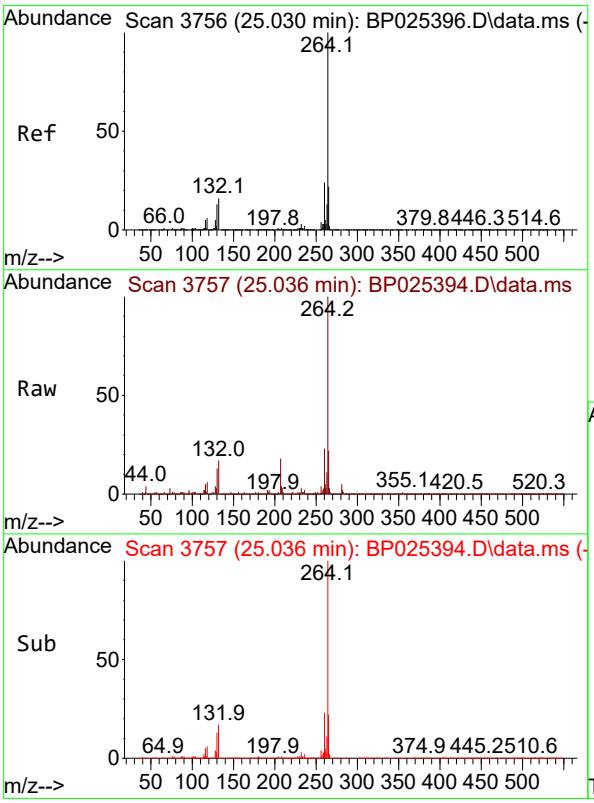
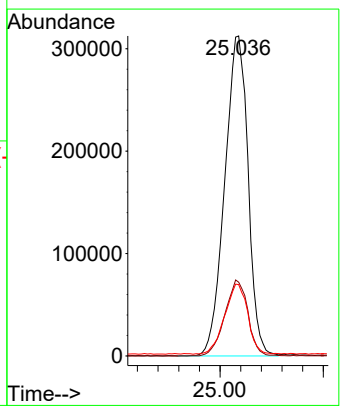
Supervised By :Jagrut Upadhyay 08/15/2025

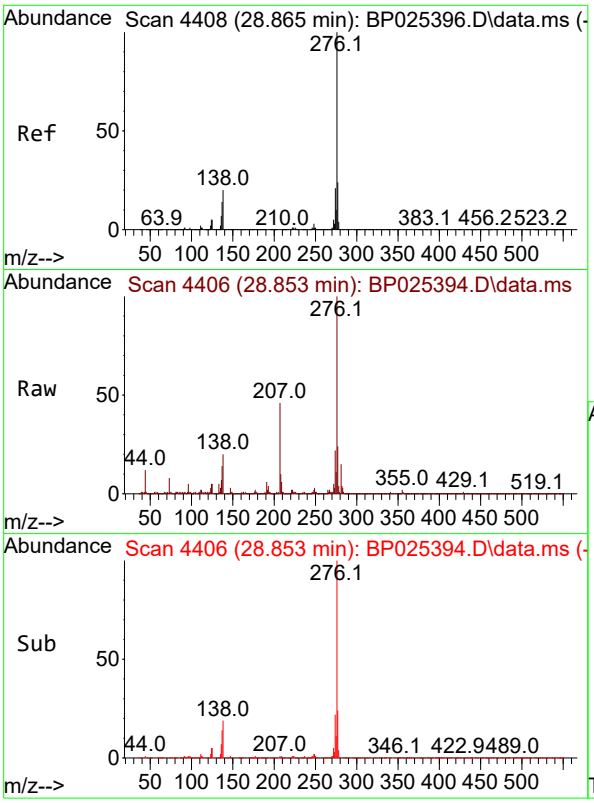


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

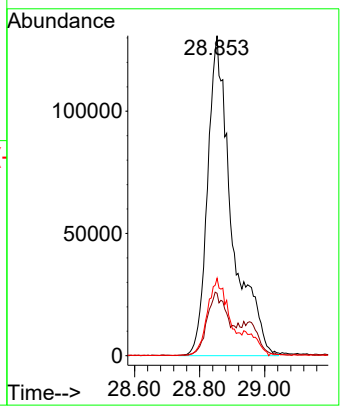




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.438 ng m
RT: 28.853 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

Manual Integrations
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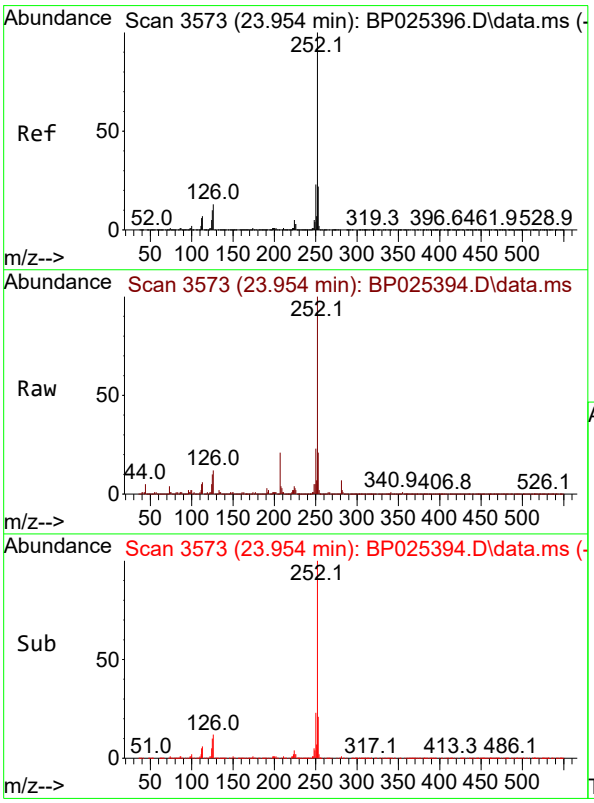
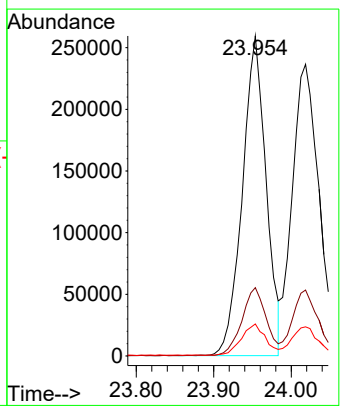
Supervised By :Jagrut Upadhyay 08/15/2025

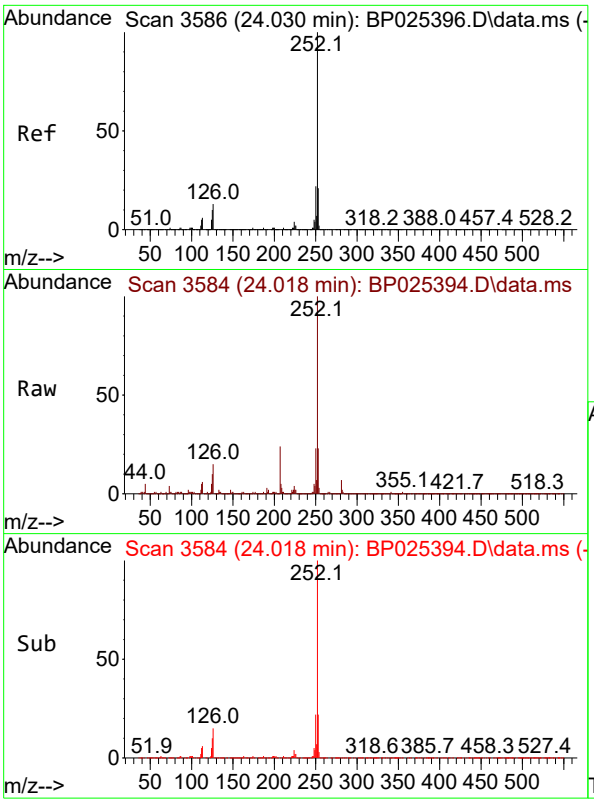


#88
Benzo(b)fluoranthene
Concen: 9.549 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

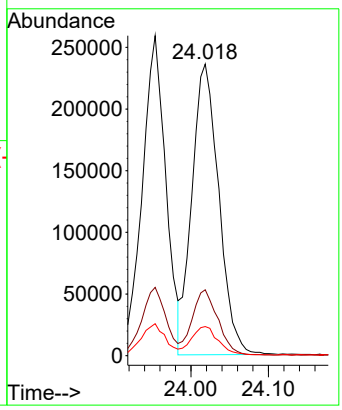




#89
Benzo(k)fluoranthene
Concen: 9.800 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

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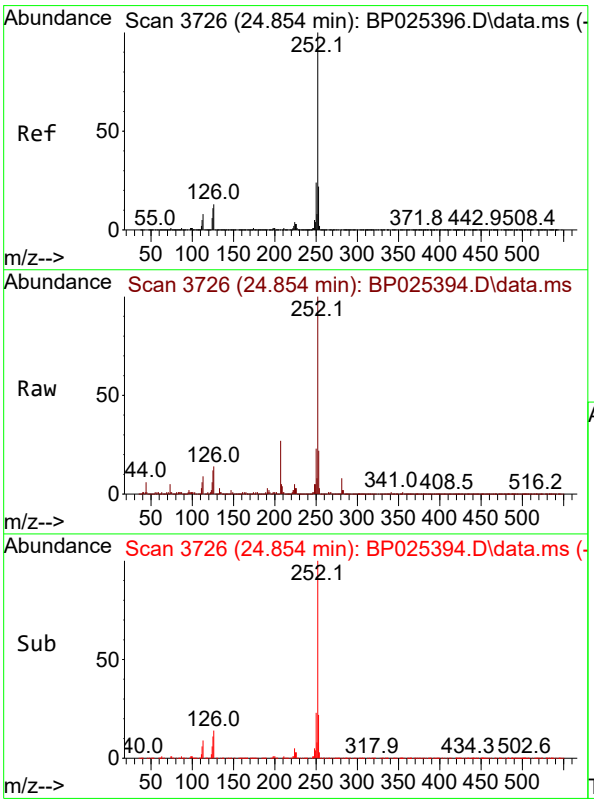
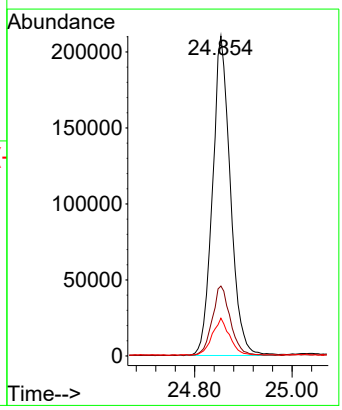
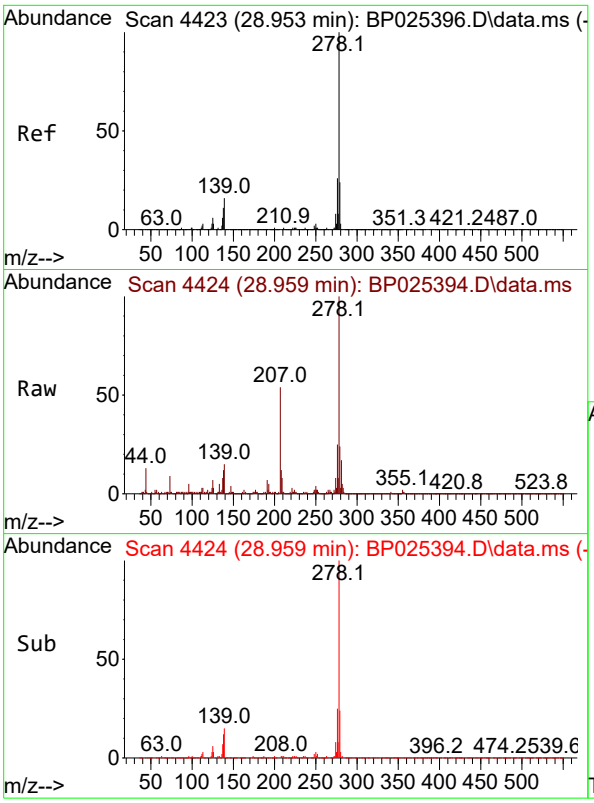


#90
Benzo(a)pyrene
Concen: 9.519 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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

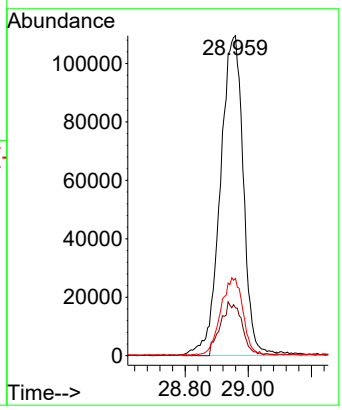




#91
Dibenzo(a,h)anthracene
Concen: 9.387 ng
RT: 28.959 min Scan# 44
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

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
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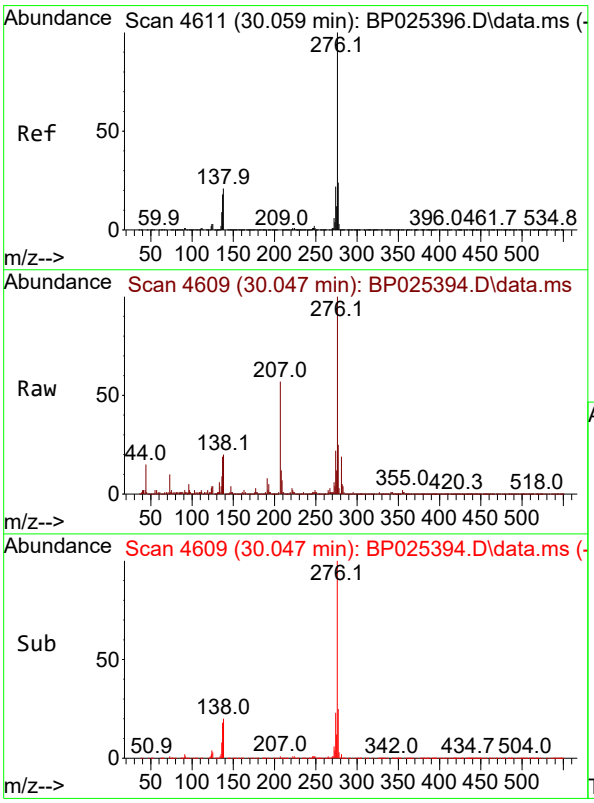
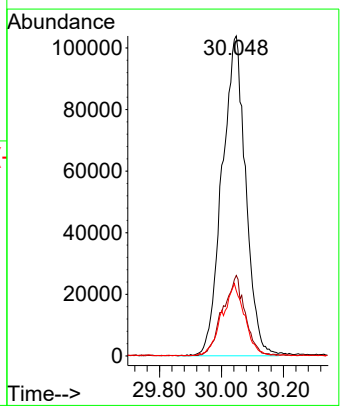
Supervised By :Jagrut Upadhyay 08/15/2025



#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

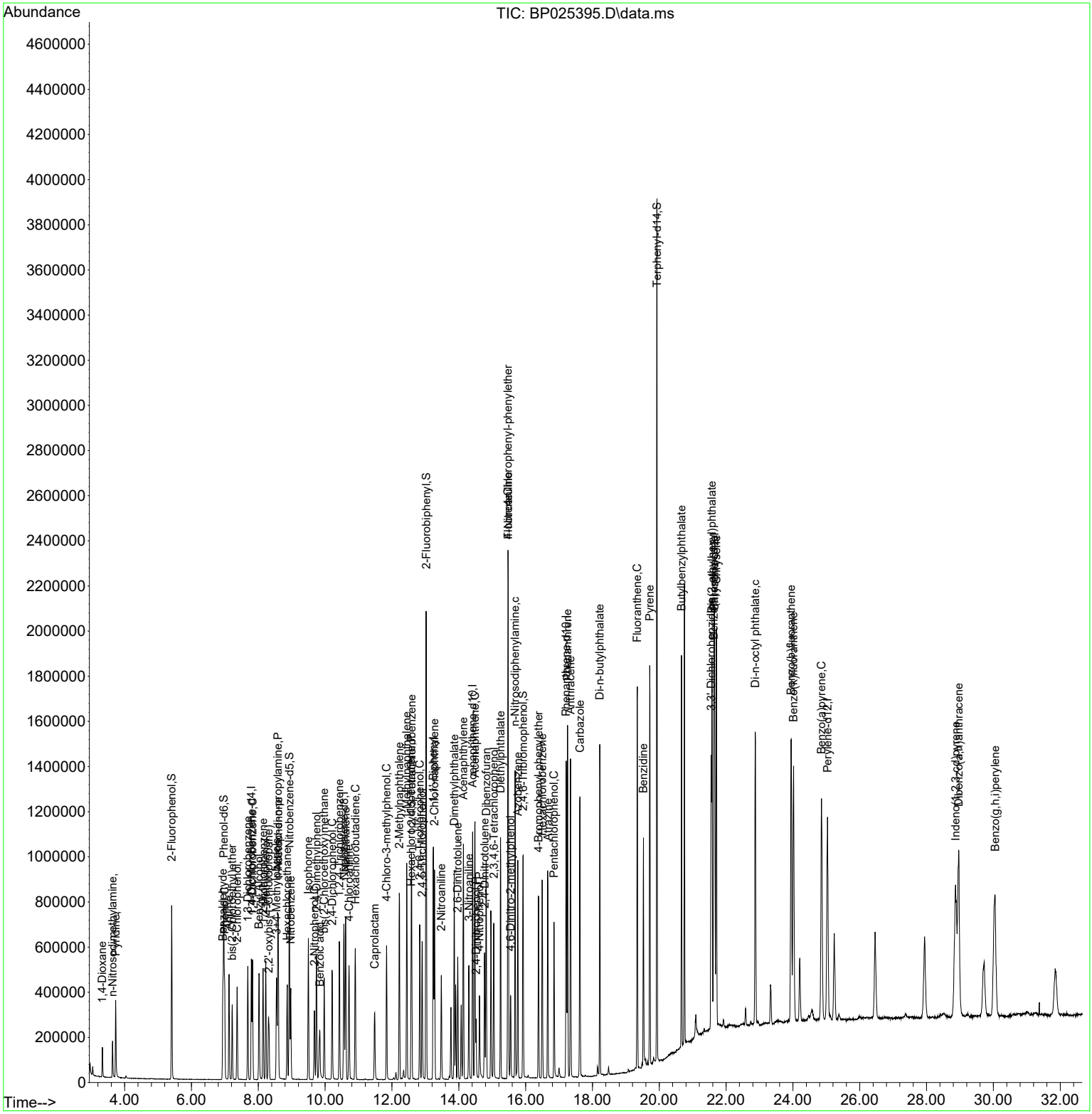
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

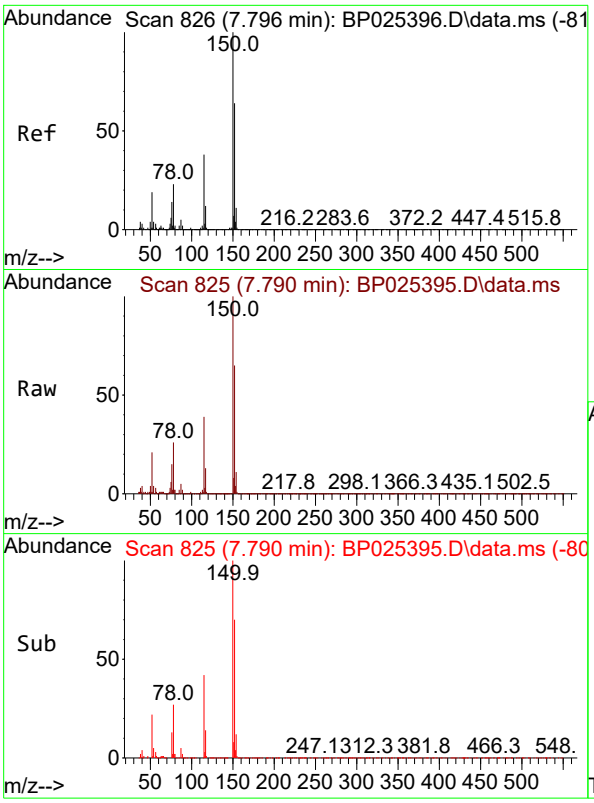
Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

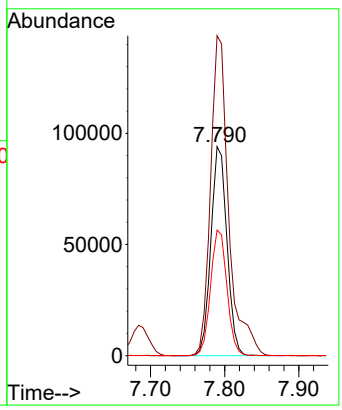




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:152 Resp: 14172

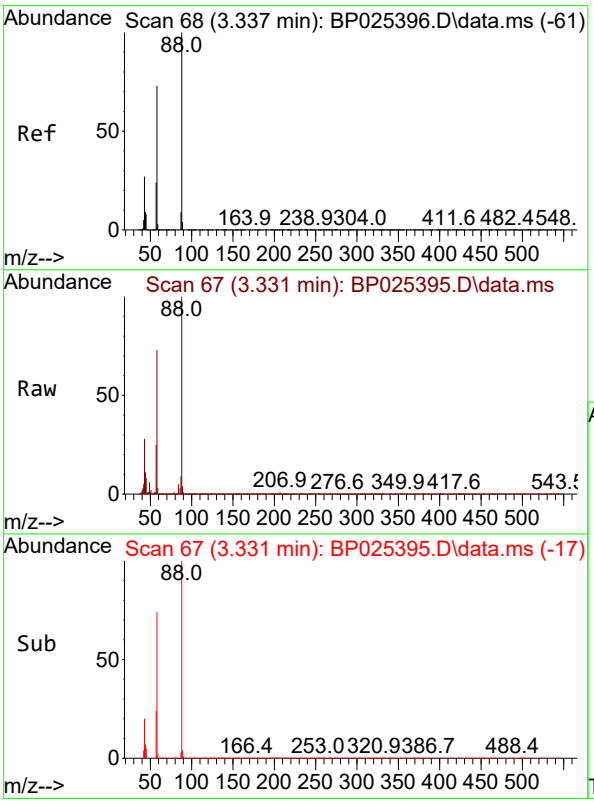
Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.9	188.9
115	60.0	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

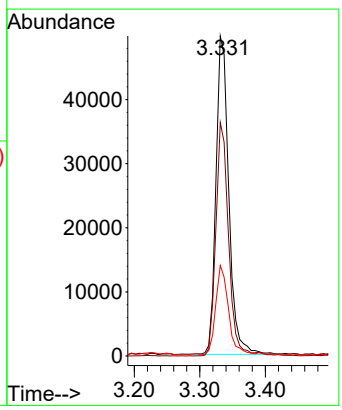
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

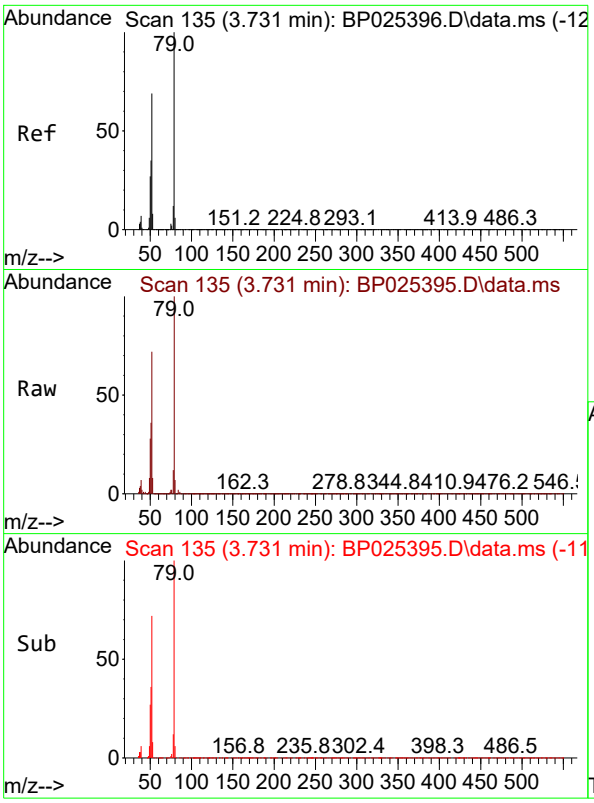


#2
1,4-Dioxane
Concen: 20.126 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

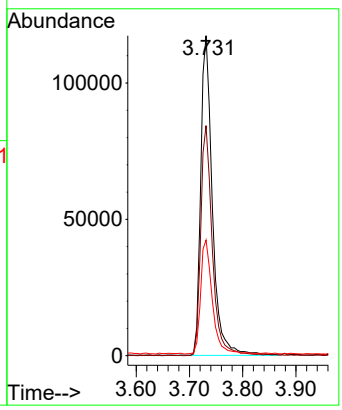




#3
Pyridine
Concen: 19.450 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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
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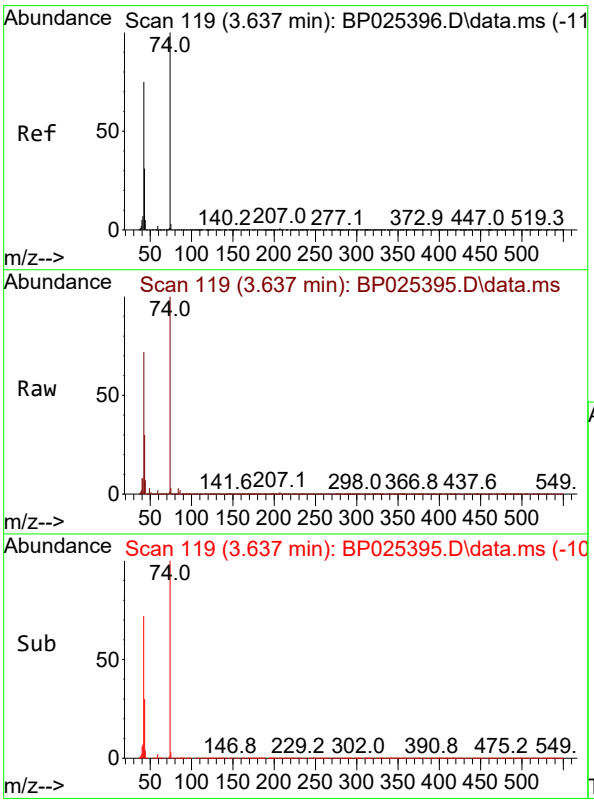
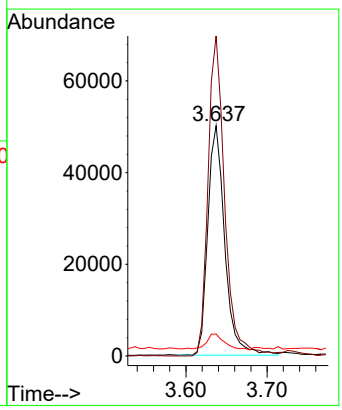
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

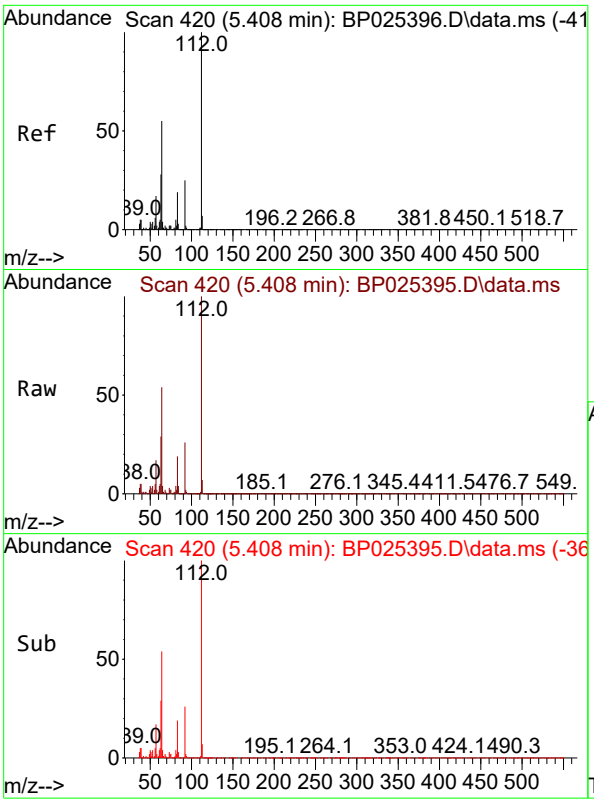


#4
n-Nitrosodimethylamine
Concen: 19.255 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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#

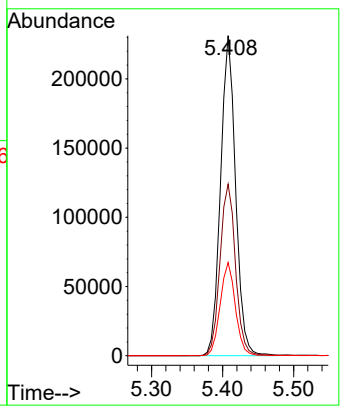




#5
2-Fluorophenol
Concen: 39.674 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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
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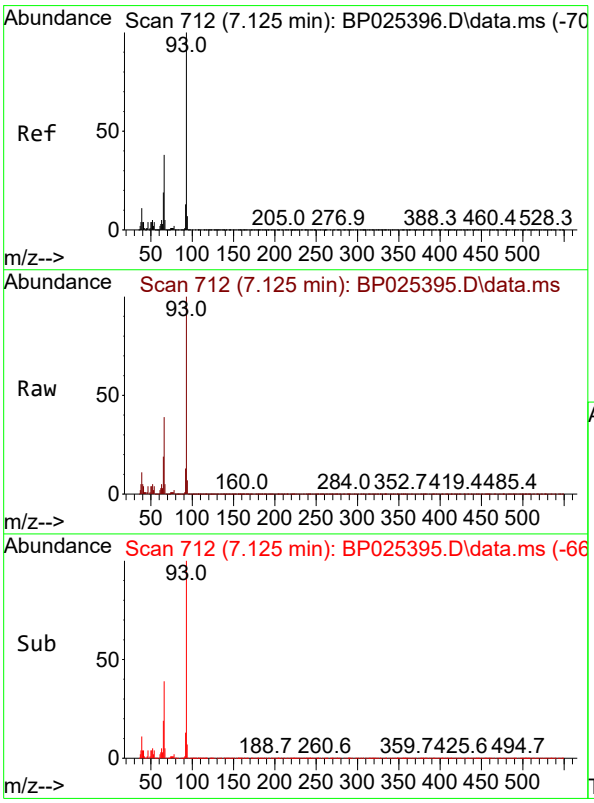
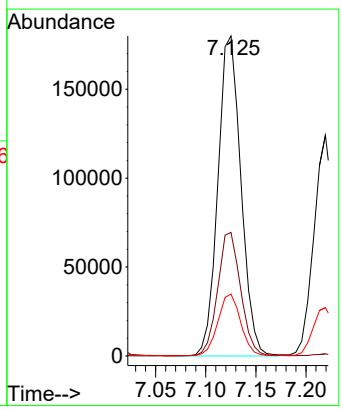
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

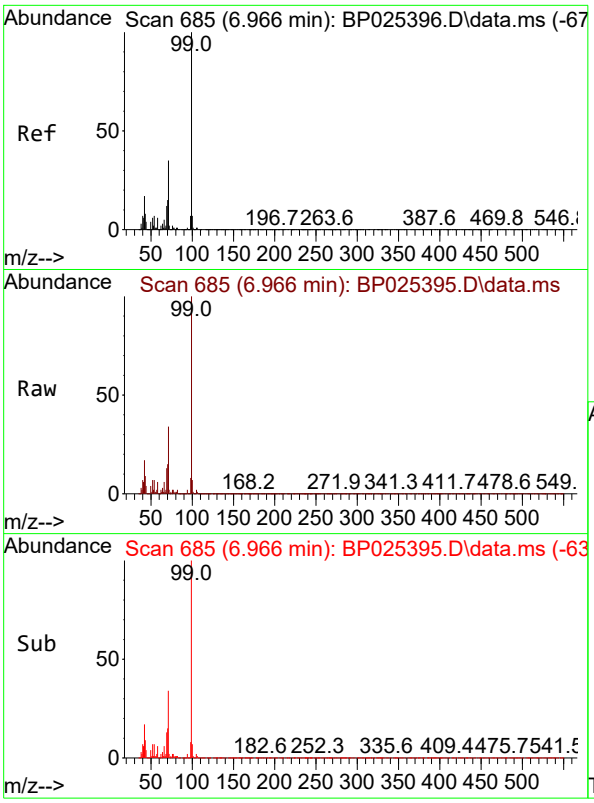


#6
Aniline
Concen: 19.513 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

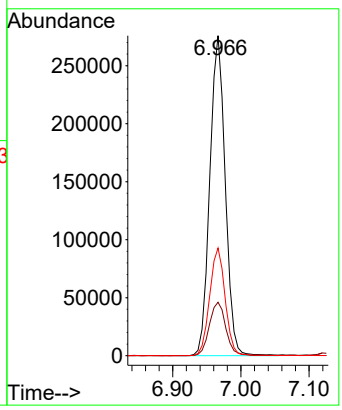




#7
Phenol-d6
Concen: 39.702 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 99 Resp: 43438

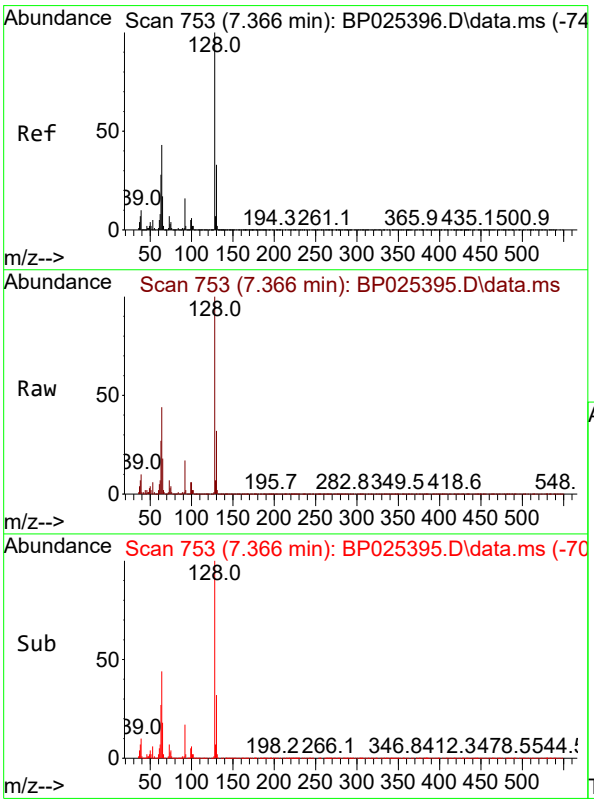
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.7	20.5
71	33.7	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

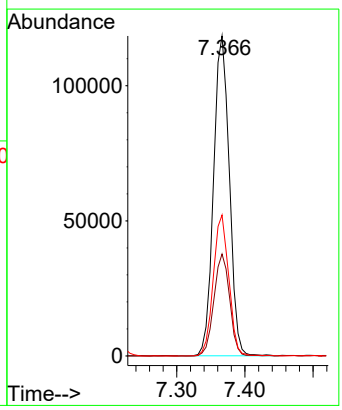
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

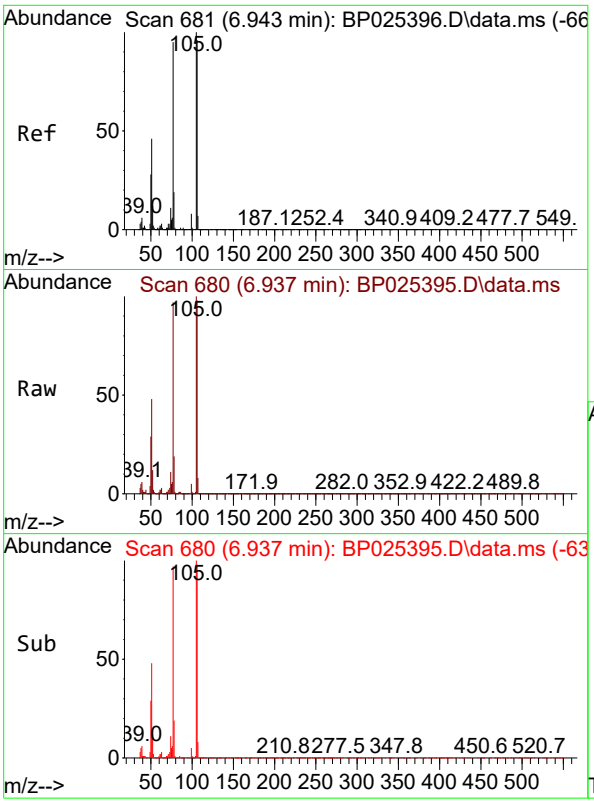


#8
2-Chlorophenol
Concen: 19.819 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

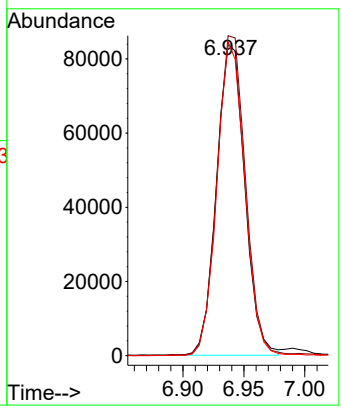




#9
Benzaldehyde
Concen: 17.672 ng
RT: 6.937 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
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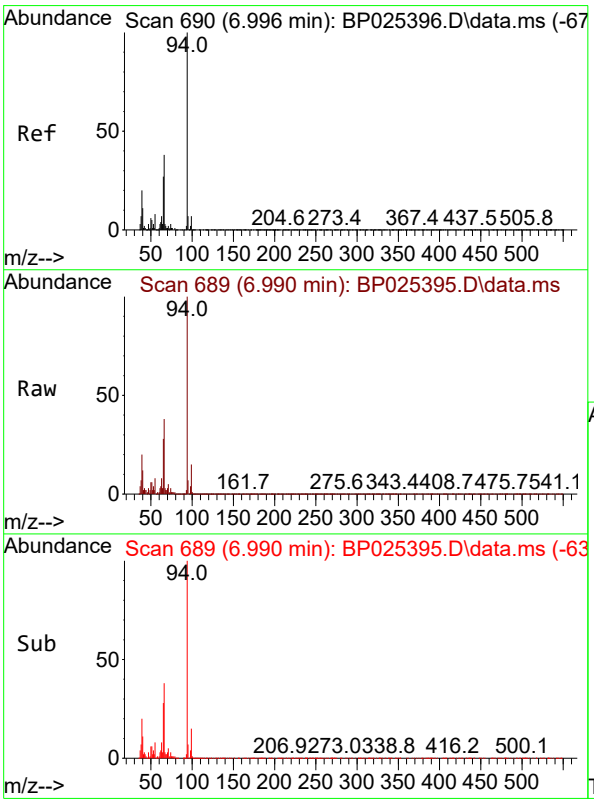
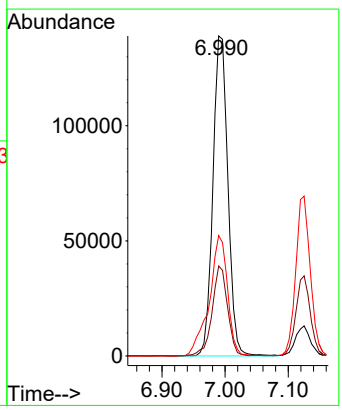
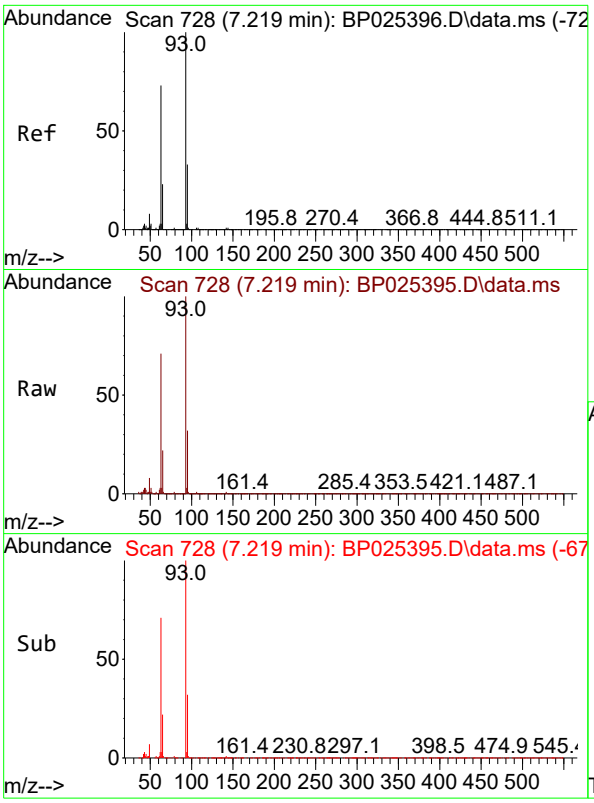


#10
Phenol
Concen: 19.910 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

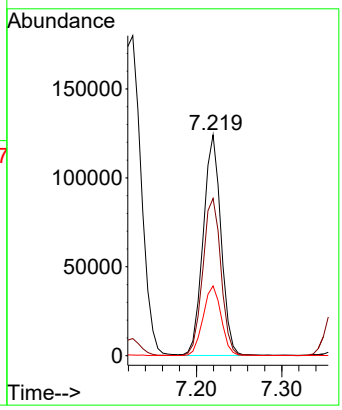




#11
bis(2-Chloroethyl)ether
Concen: 20.159 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
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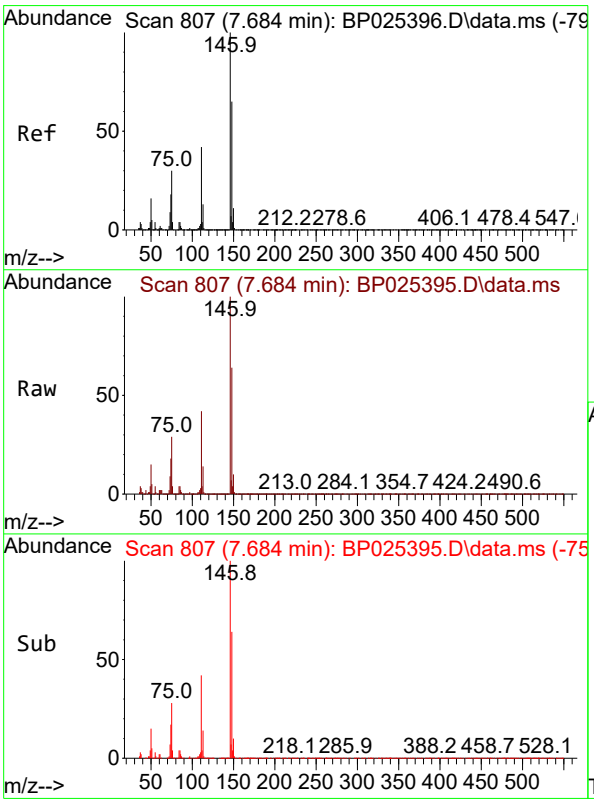
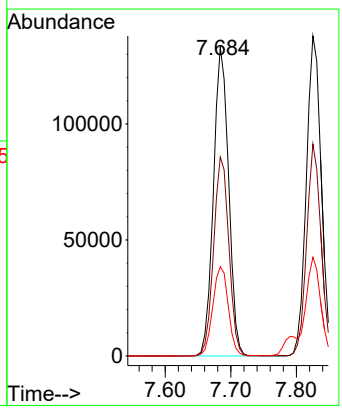
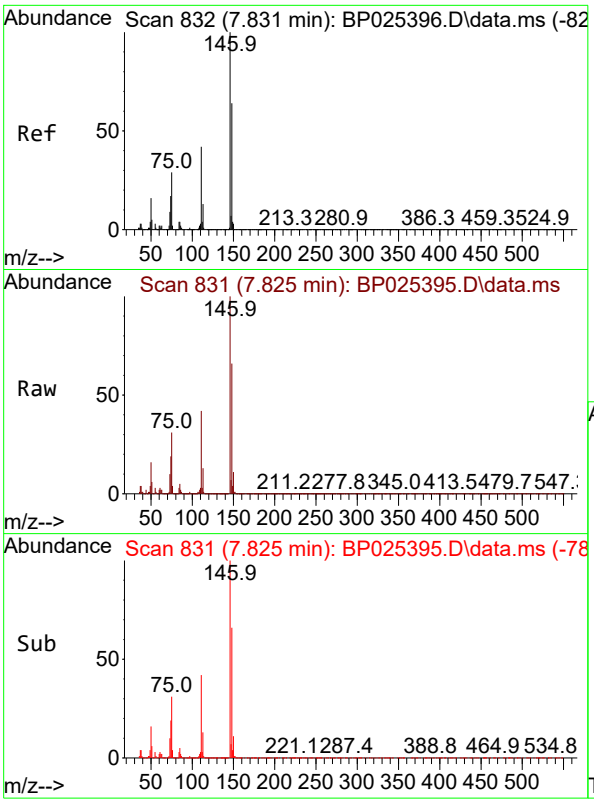


#12
1,3-Dichlorobenzene
Concen: 20.061 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

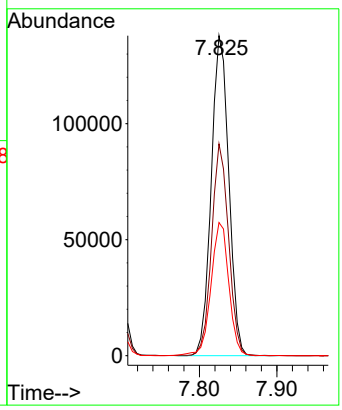




#13
1,4-Dichlorobenzene
Concen: 19.938 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

Manual Integrations
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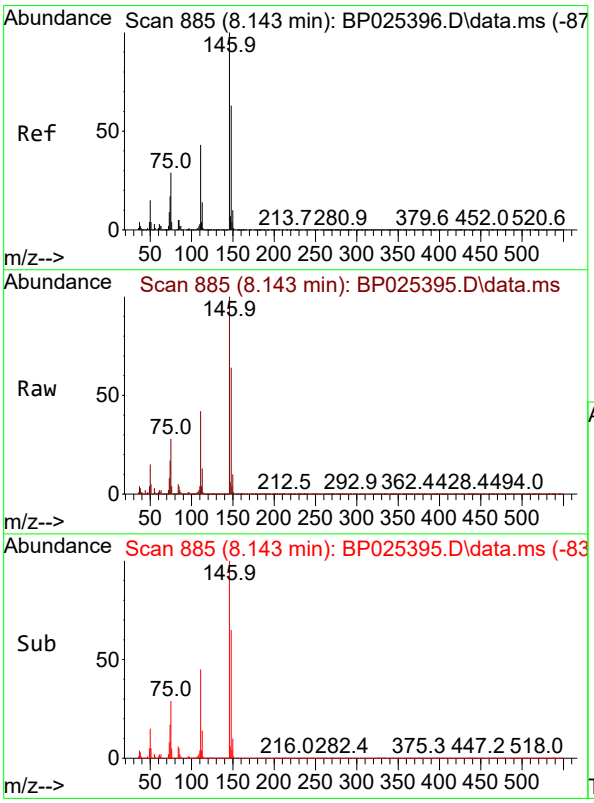
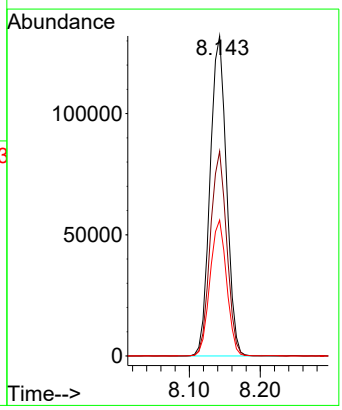
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

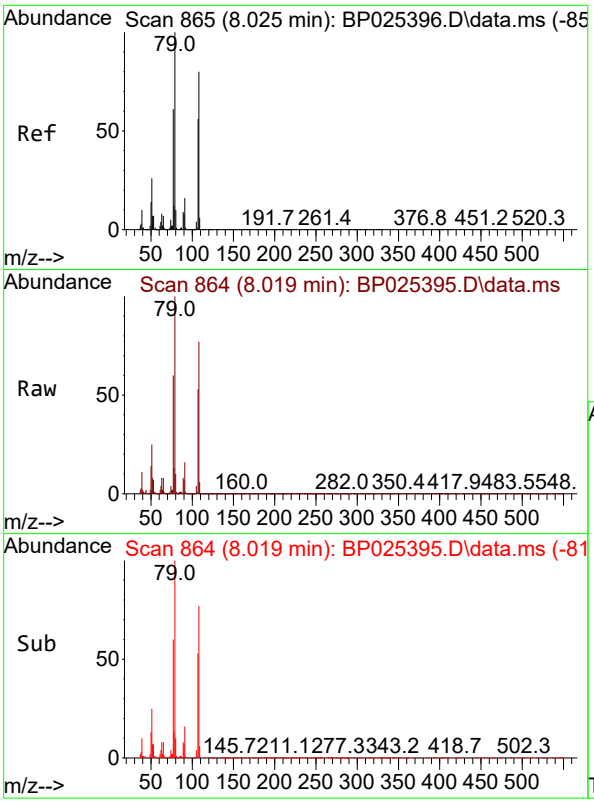


#14
1,2-Dichlorobenzene
Concen: 20.106 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

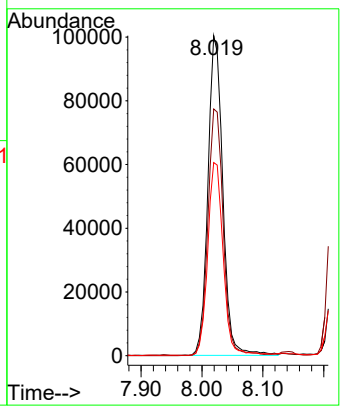




#15
Benzyl Alcohol
Concen: 19.640 ng
RT: 8.019 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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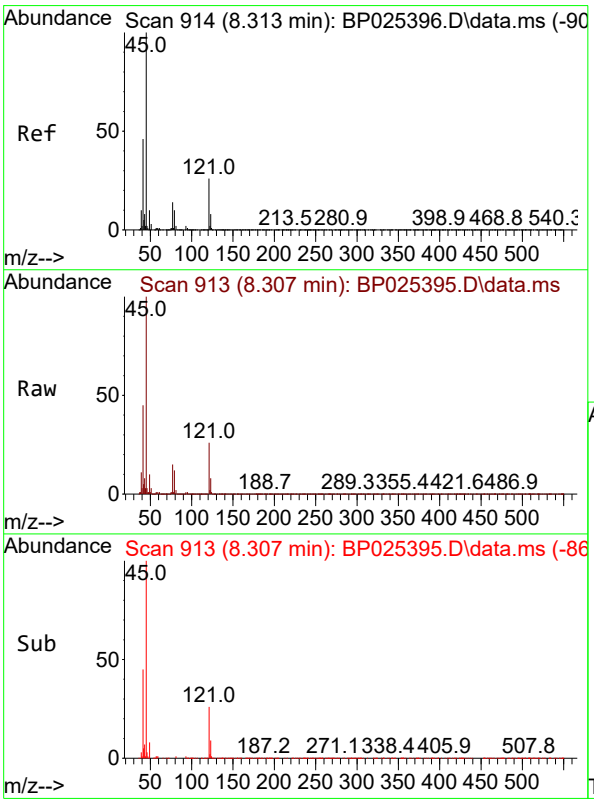
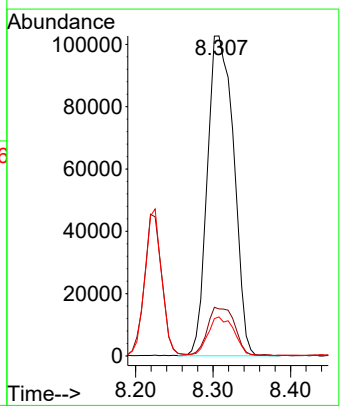
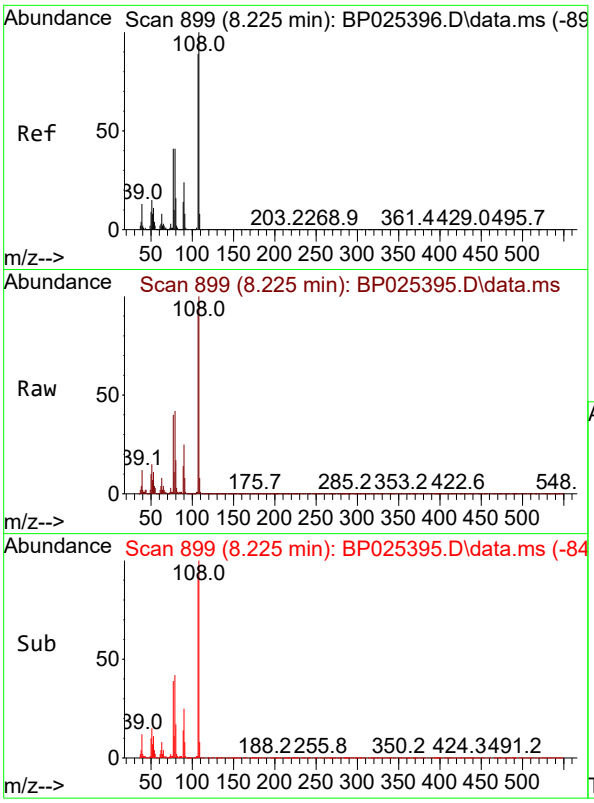


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.240 ng
RT: 8.307 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

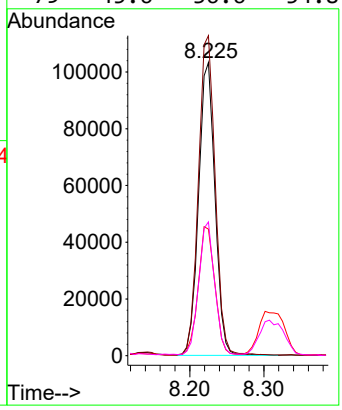




#17
2-Methylphenol
Concen: 19.956 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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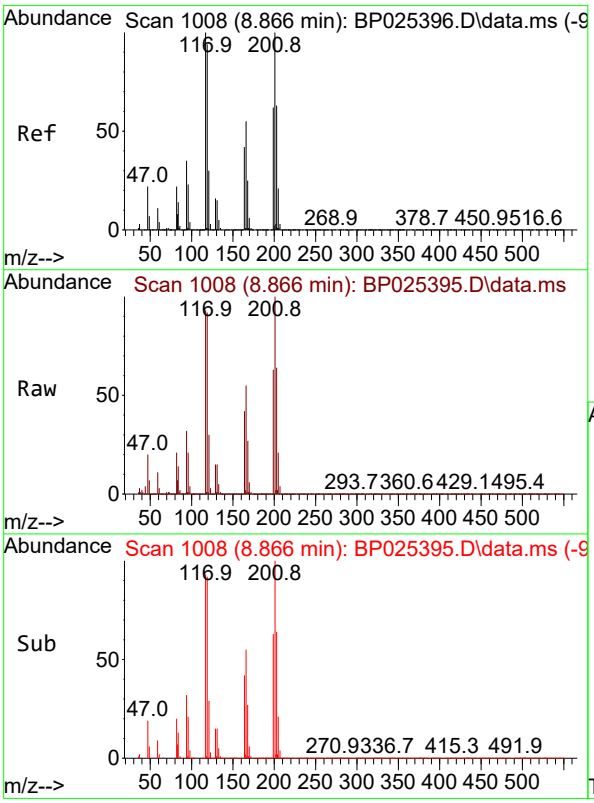
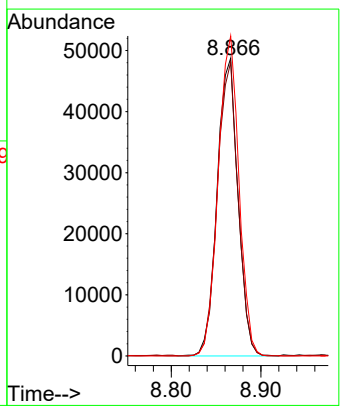
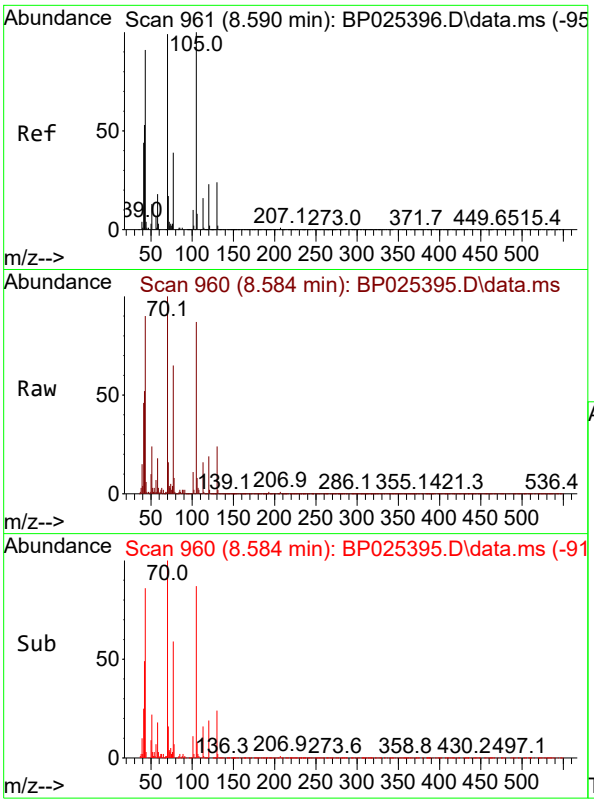


#18
Hexachloroethane
Concen: 19.597 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

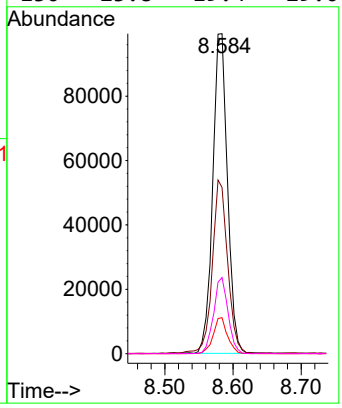




#19
n-Nitroso-di-n-propylamine
Concen: 20.633 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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



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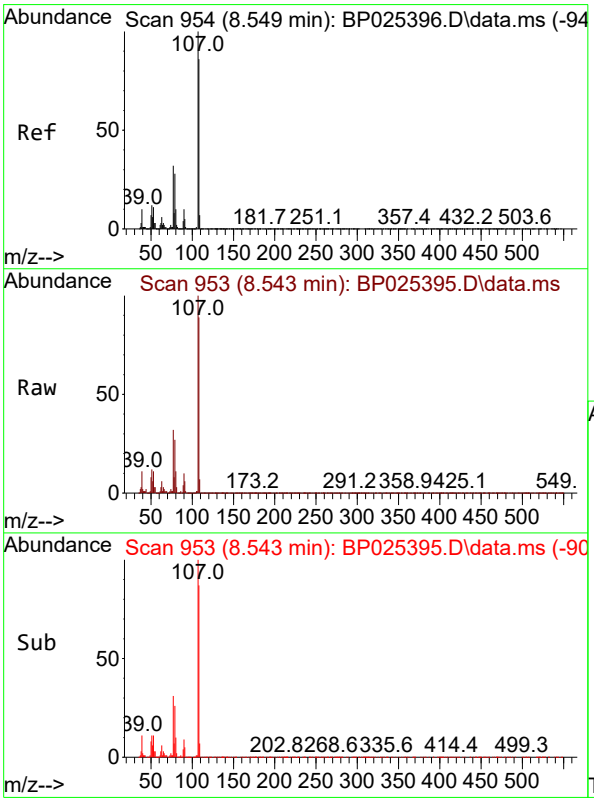
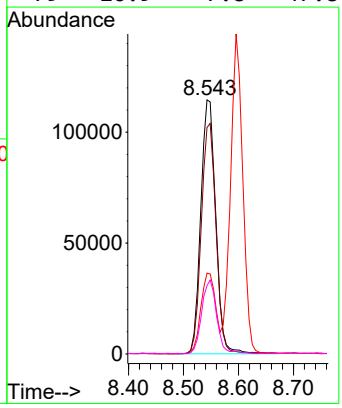
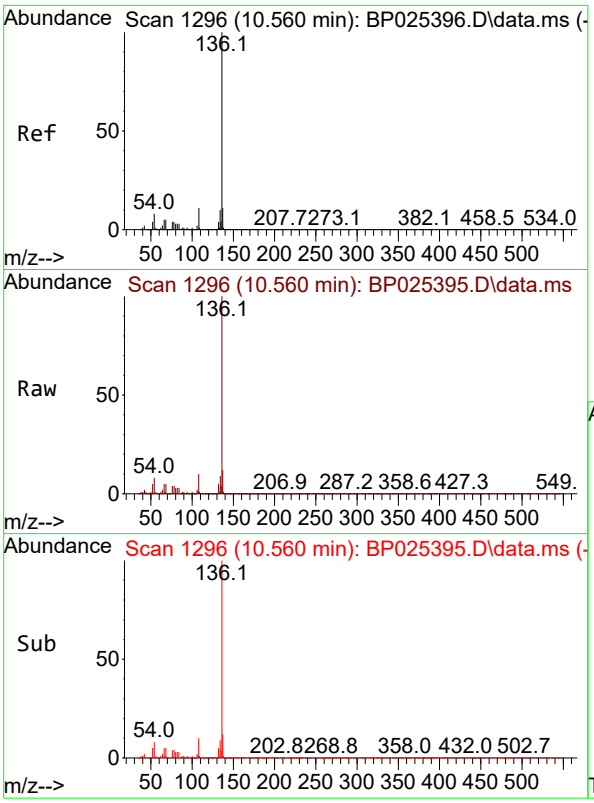


#20
3+4-Methylphenols
Concen: 19.655 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

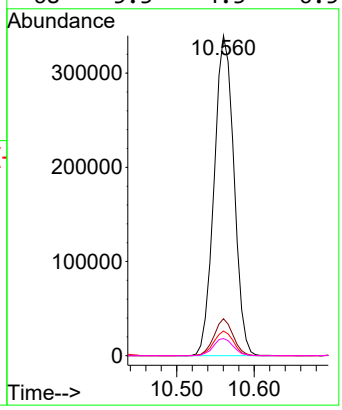




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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ClientSampleId :
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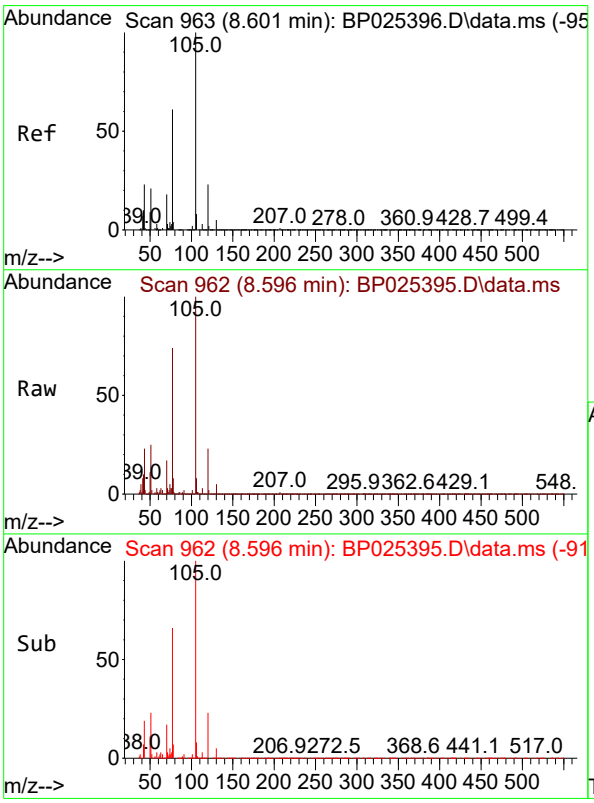
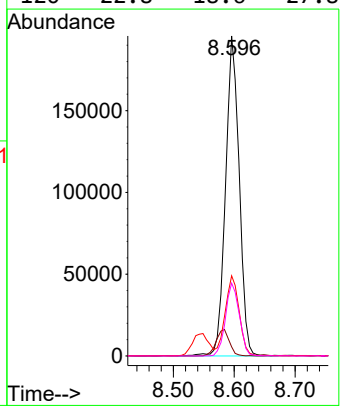
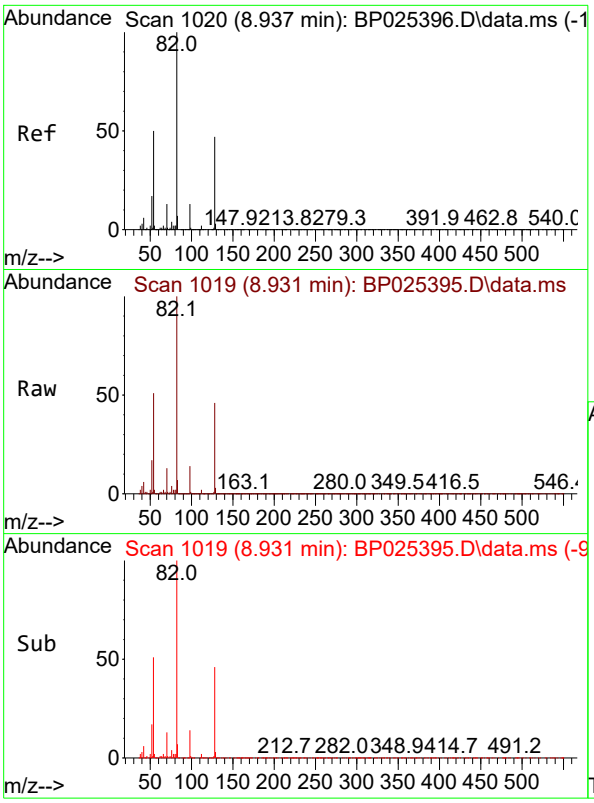


#22
Acetophenone
Concen: 20.196 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

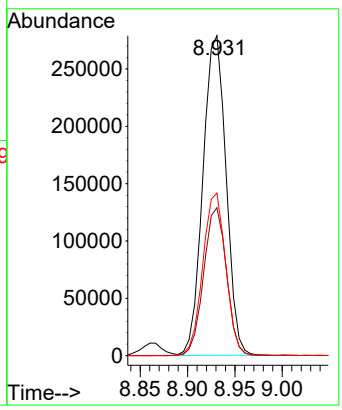




#23
Nitrobenzene-d5
Concen: 39.706 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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ClientSampleId :
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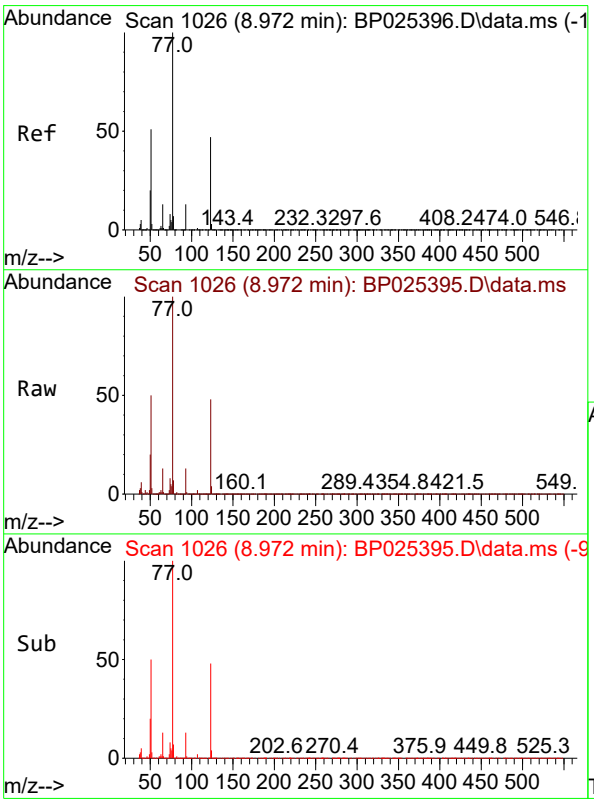
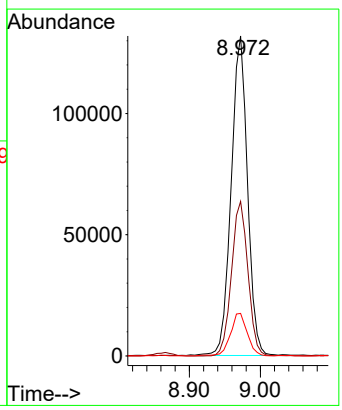
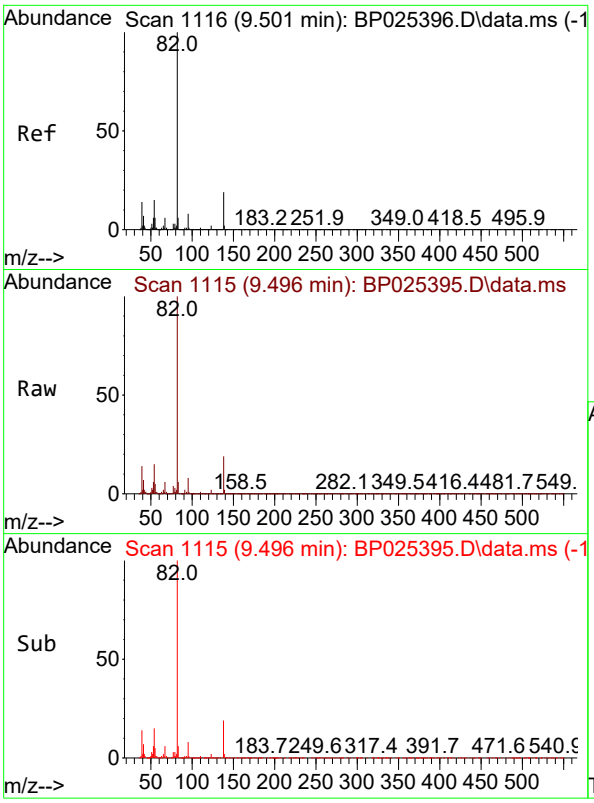


#24
Nitrobenzene
Concen: 19.708 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

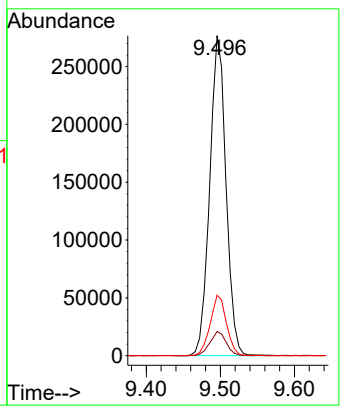




#25
Isophorone
Concen: 19.995 ng
RT: 9.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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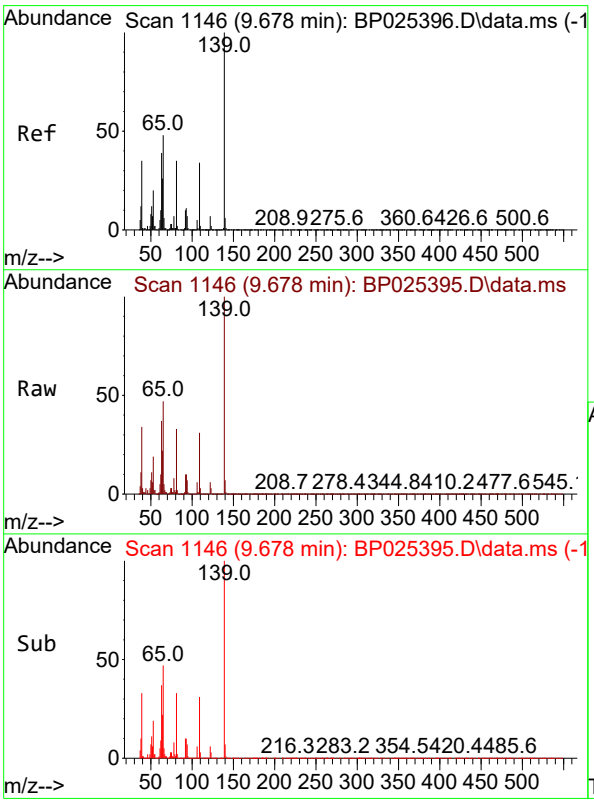
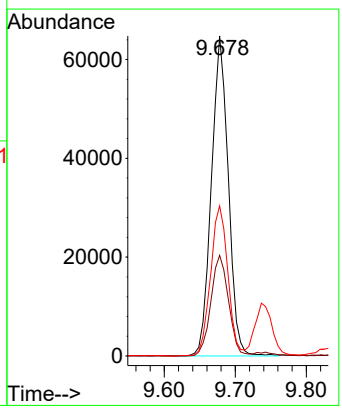
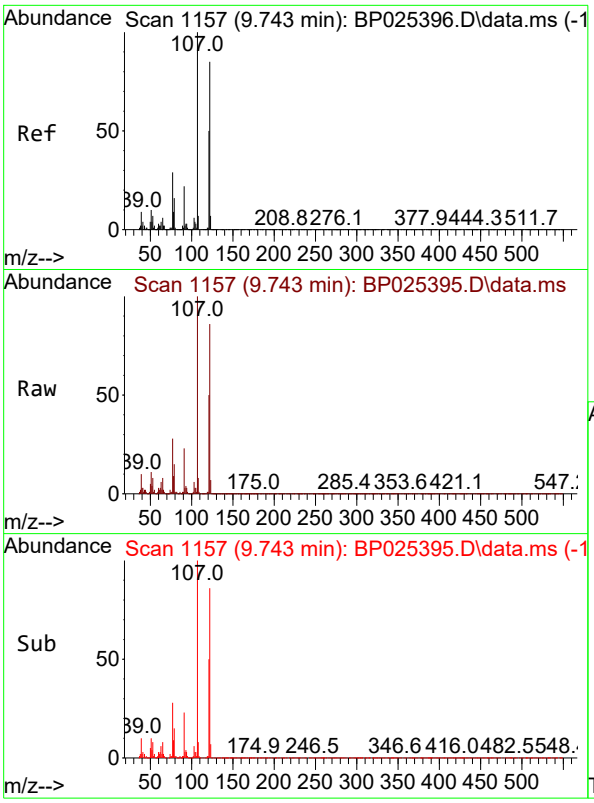


#26
2-Nitrophenol
Concen: 19.509 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

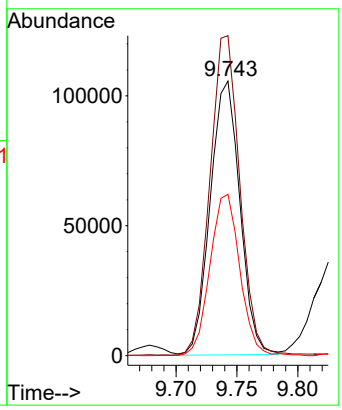




#27
2,4-Dimethylphenol
Concen: 18.963 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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ClientSampleId :
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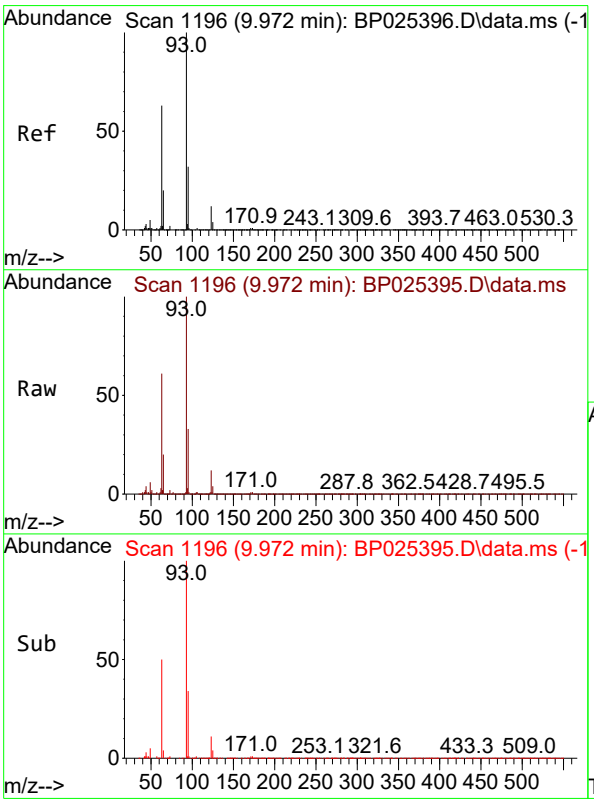
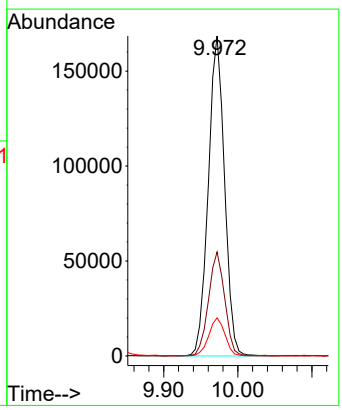
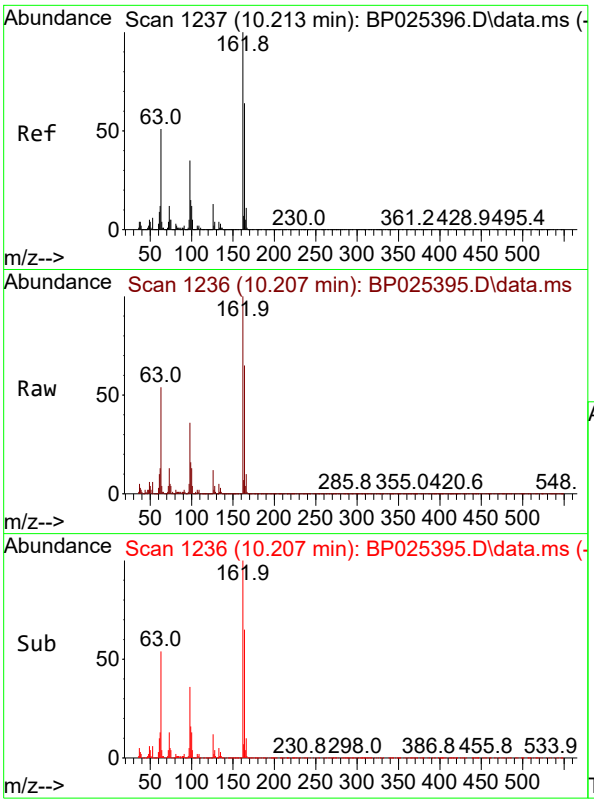


#28
bis(2-Chloroethoxy)methane
Concen: 20.100 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

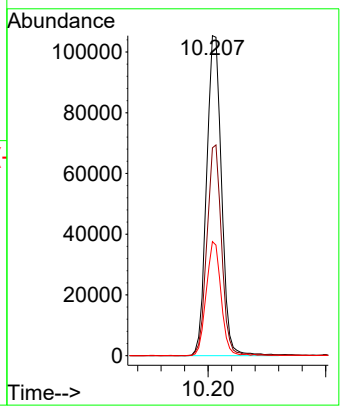




#29
2,4-Dichlorophenol
Concen: 19.896 ng
RT: 10.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
BNA_P
ClientSampleId :
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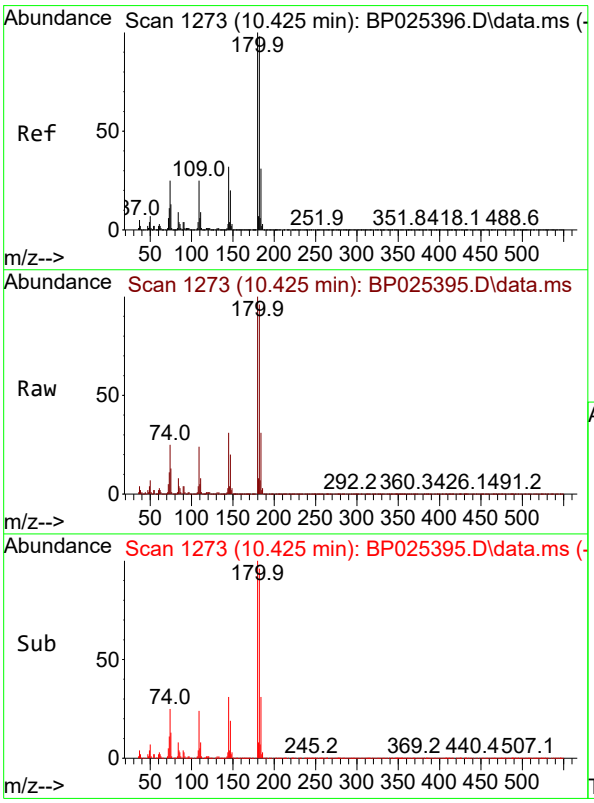
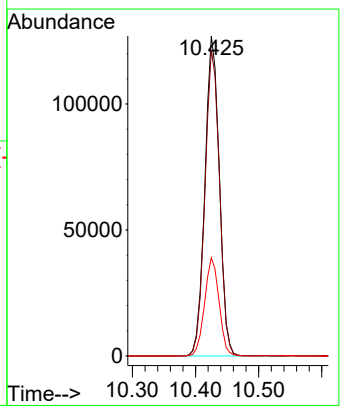
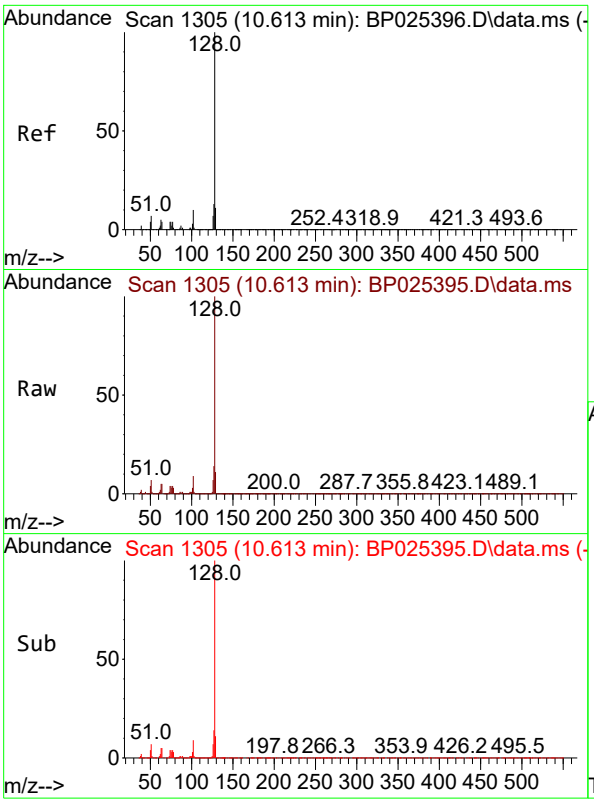


#30
1,2,4-Trichlorobenzene
Concen: 19.702 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

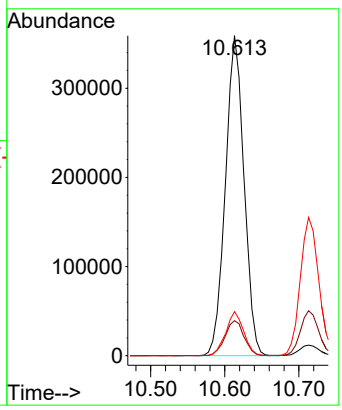




#31
Naphthalene
Concen: 19.944 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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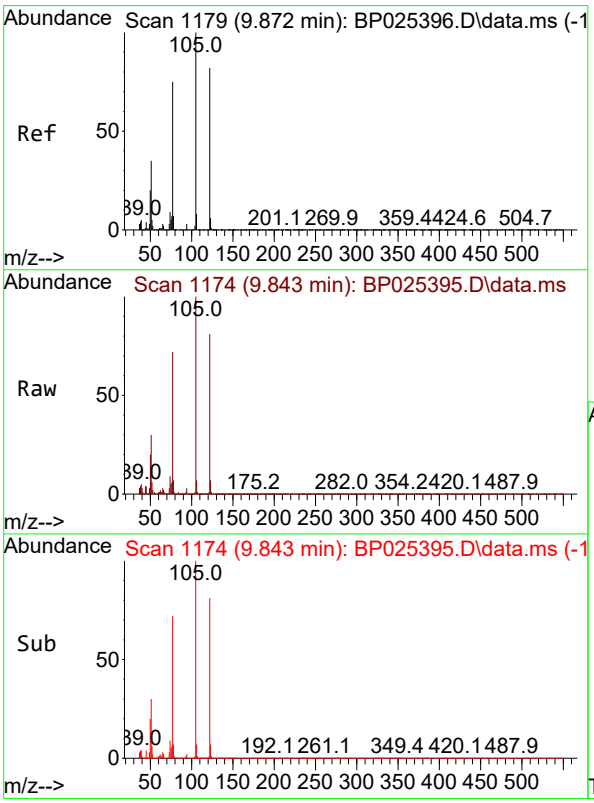
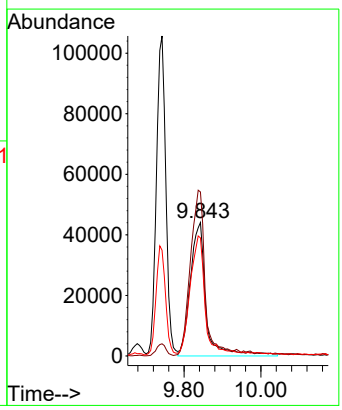
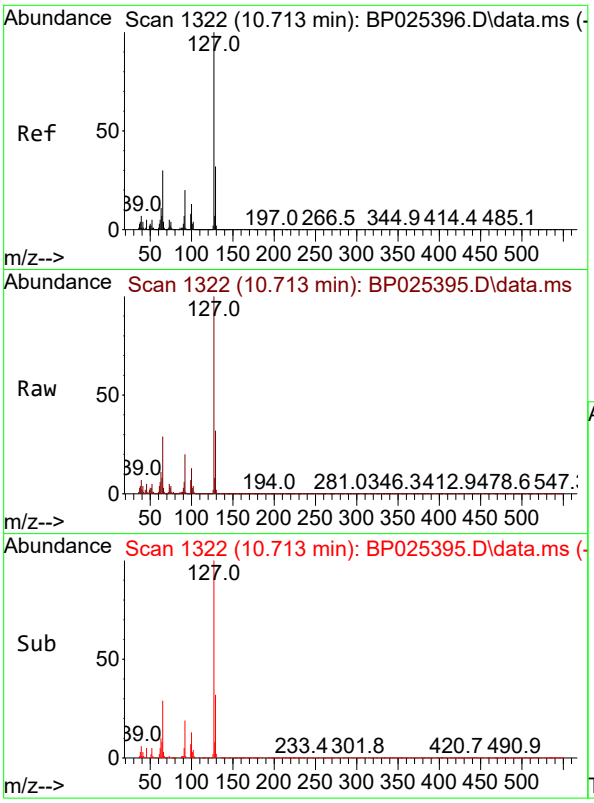


#32
Benzoic acid
Concen: 18.004 ng m
RT: 9.843 min Scan# 1174
Delta R.T. -0.029 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

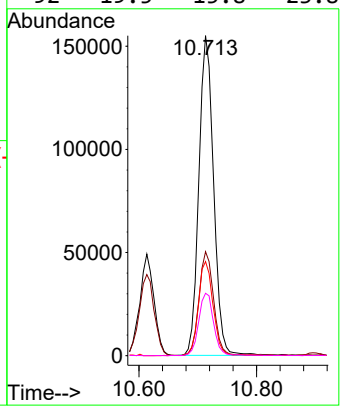




#33
4-Chloroaniline
Concen: 19.489 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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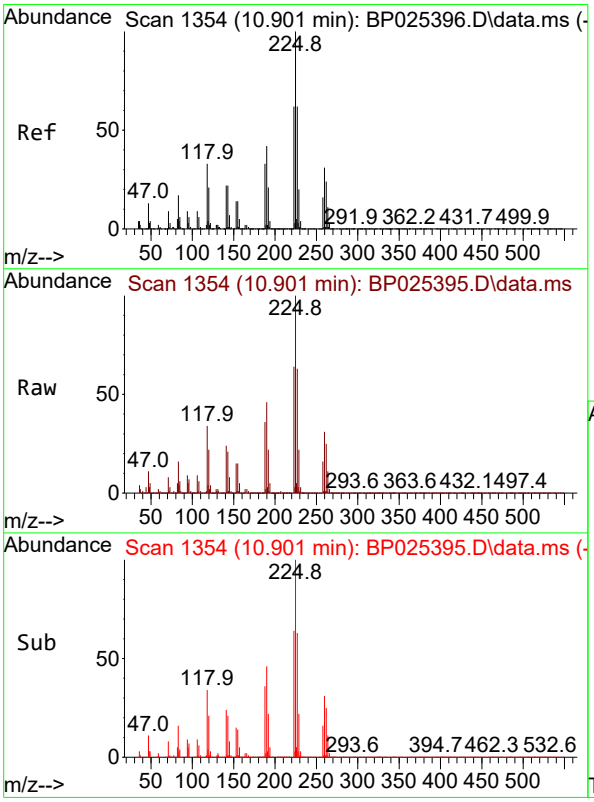
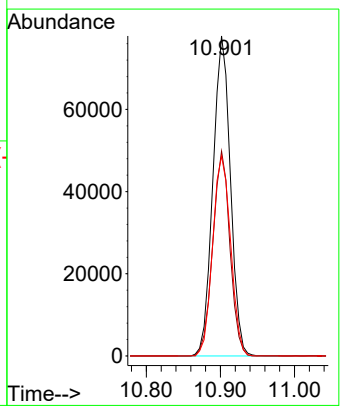
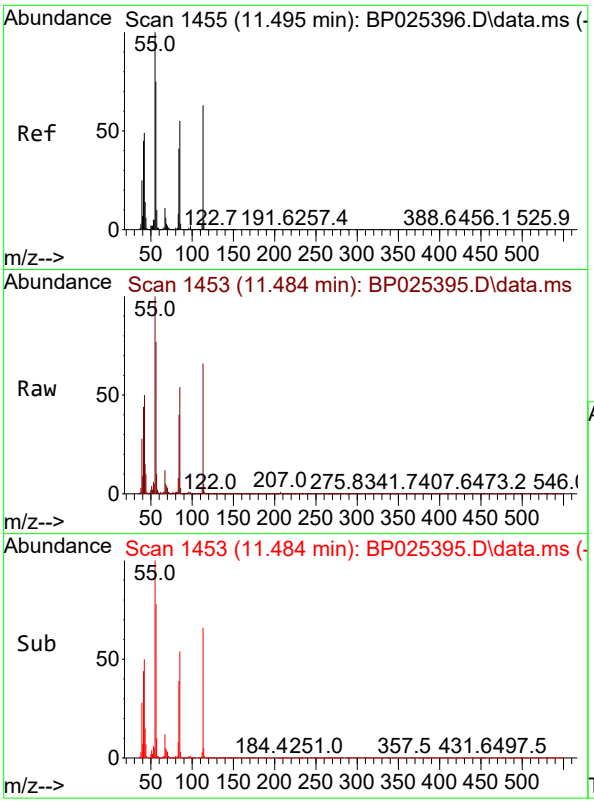


#34
Hexachlorobutadiene
Concen: 19.983 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

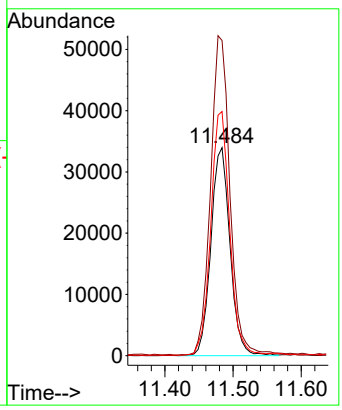




#35
Caprolactam
Concen: 19.294 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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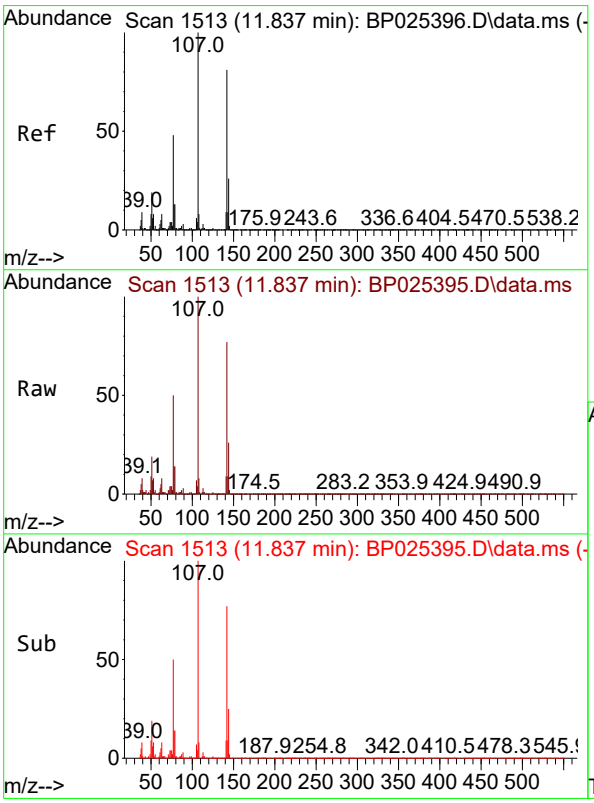
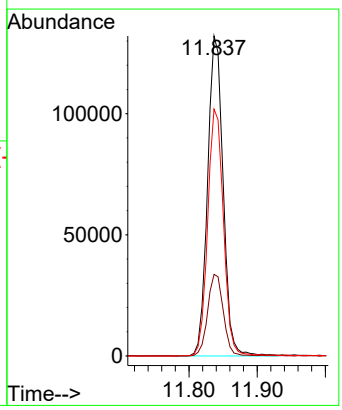
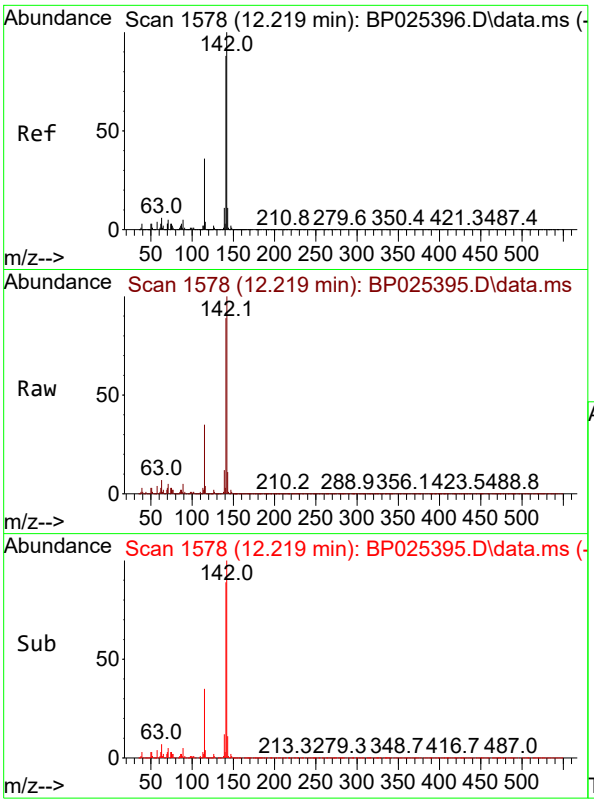


#36
4-Chloro-3-methylphenol
Concen: 19.551 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

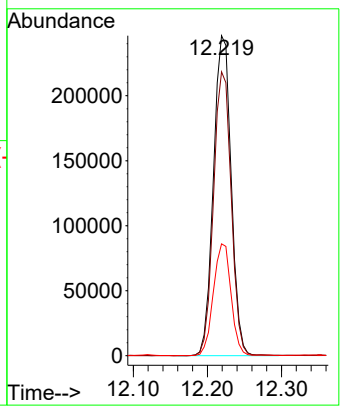




#37
2-Methylnaphthalene
Concen: 20.057 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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



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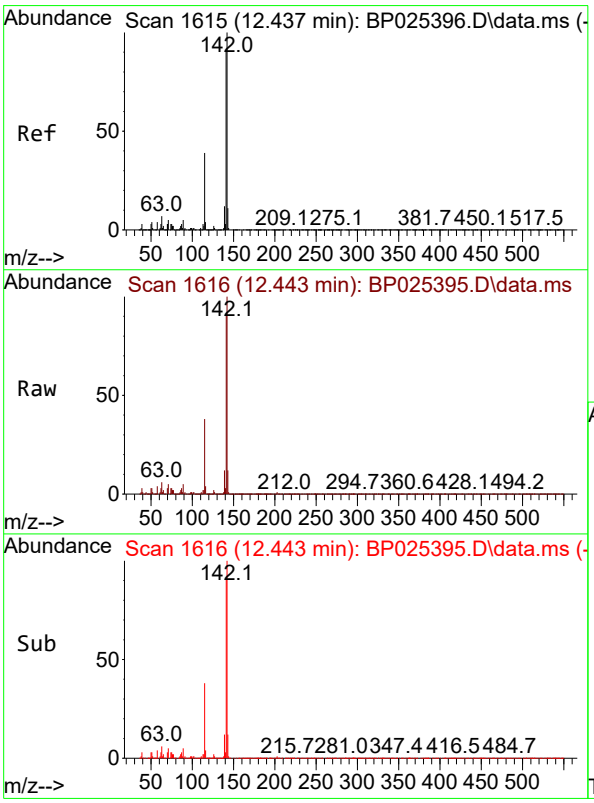
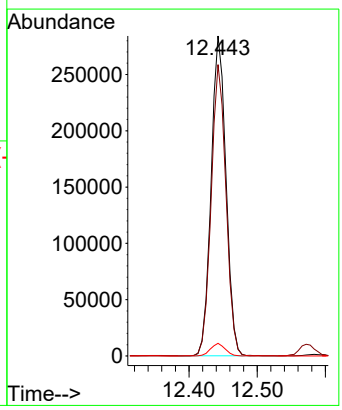
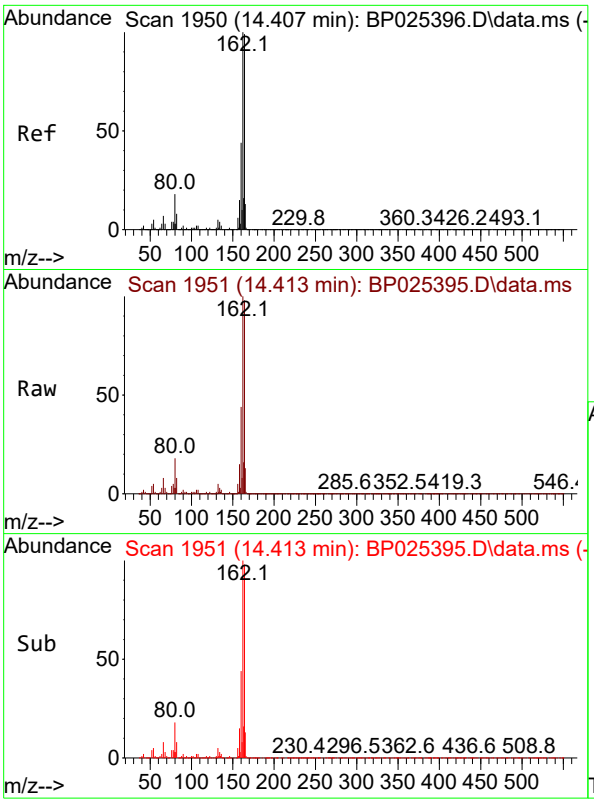


#38
1-Methylnaphthalene
Concen: 19.829 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

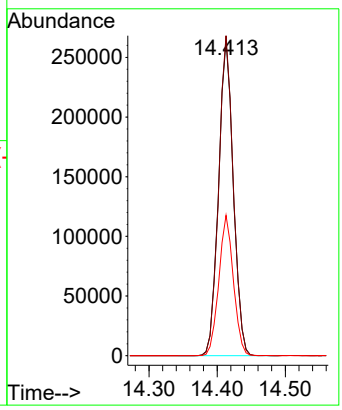




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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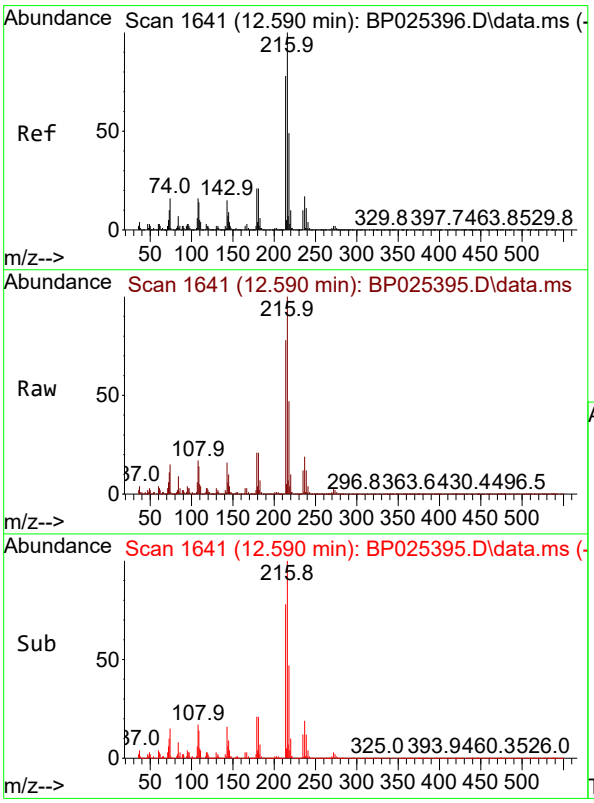
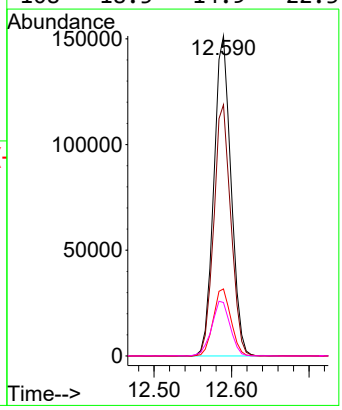
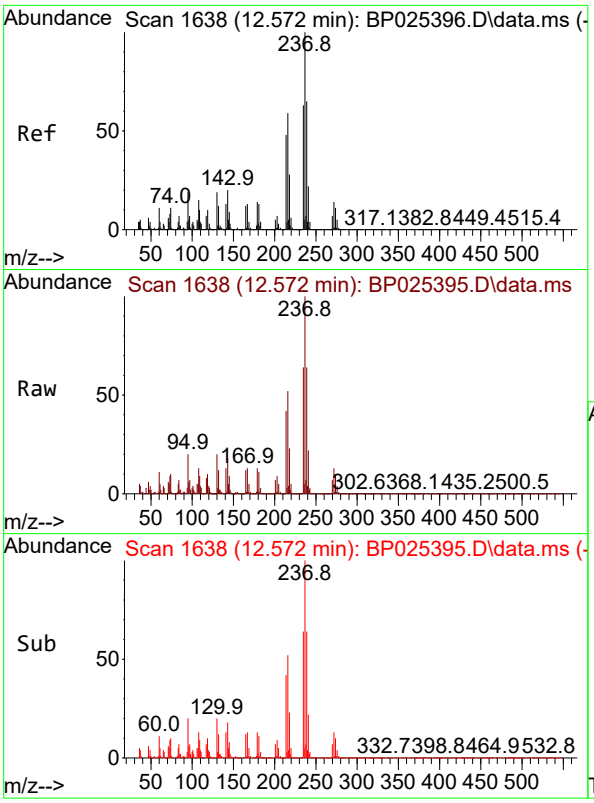


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.263 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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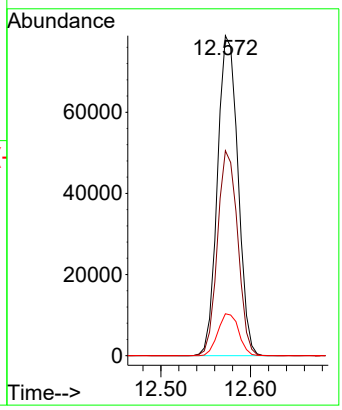
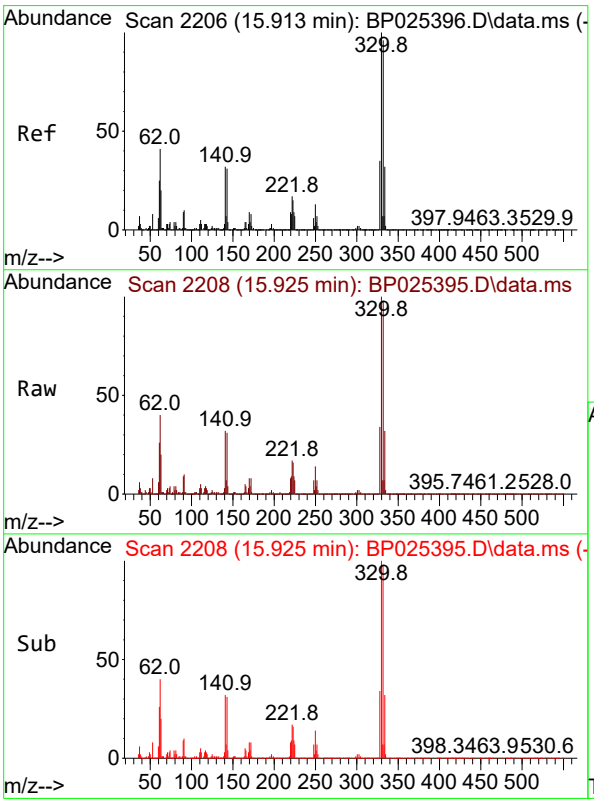
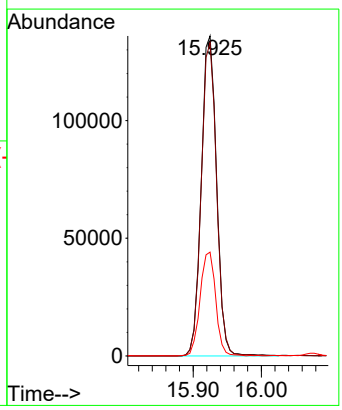


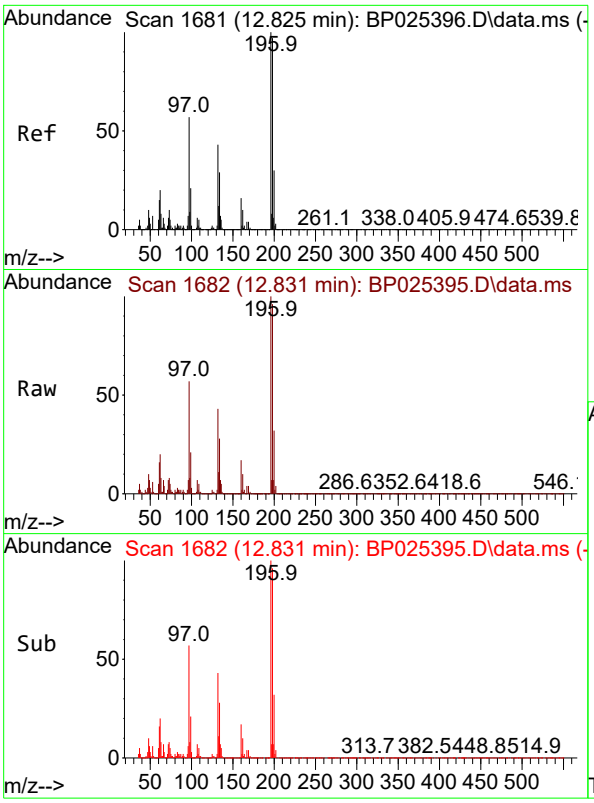


#42
2,4,6-Tribromophenol
Concen: 39.651 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

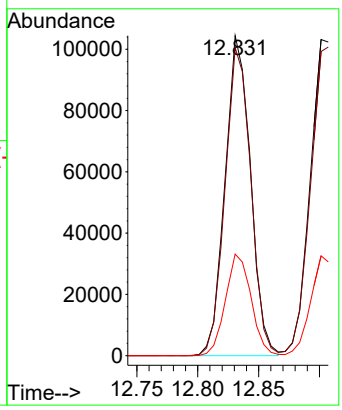




#43
2,4,6-Trichlorophenol
Concen: 19.540 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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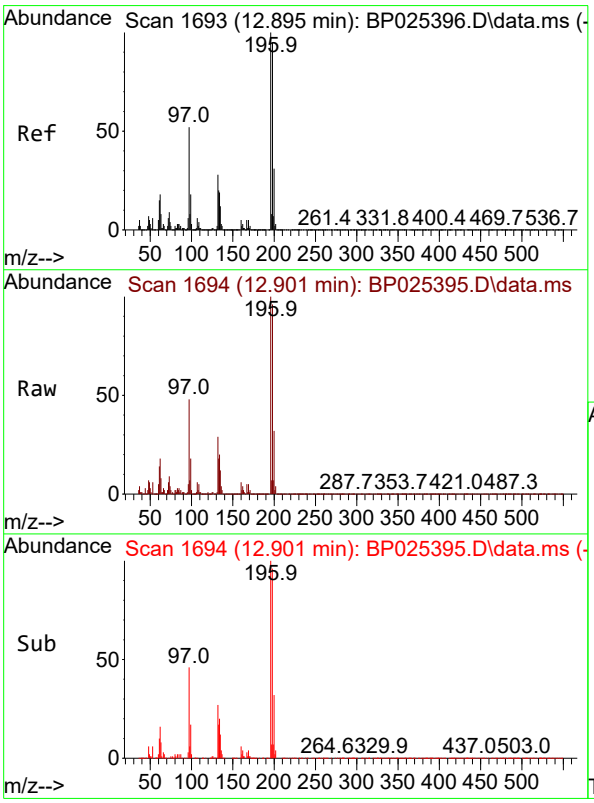
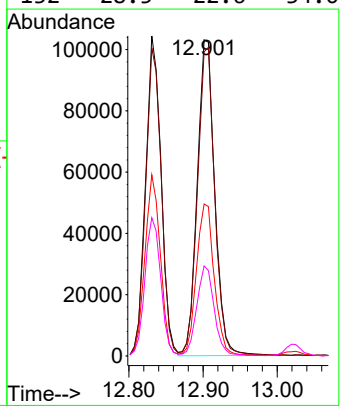
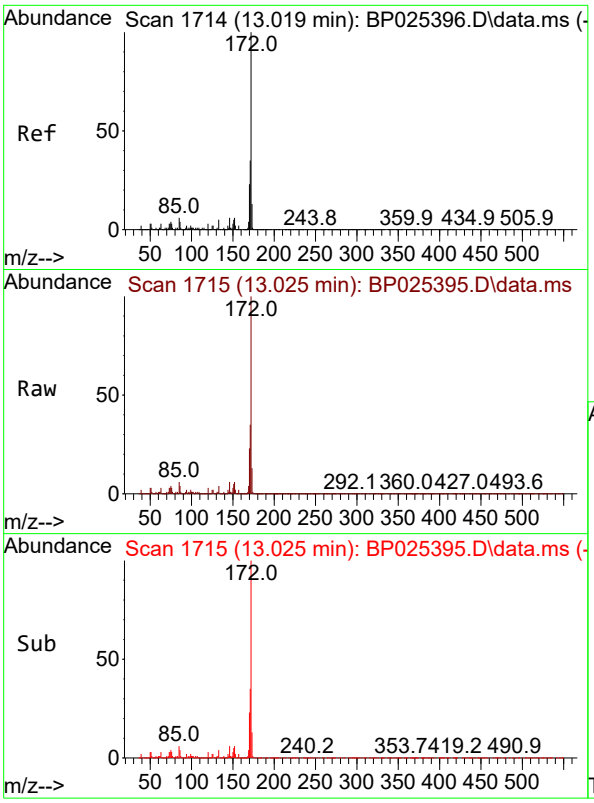


#44
2,4,5-Trichlorophenol
Concen: 19.842 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

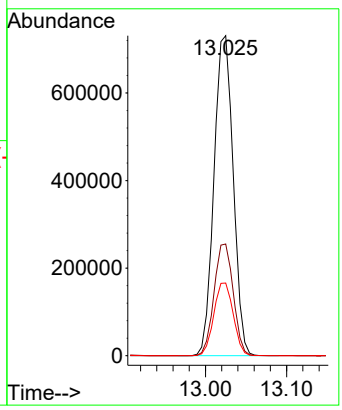




#45
2-Fluorobiphenyl
Concen: 41.205 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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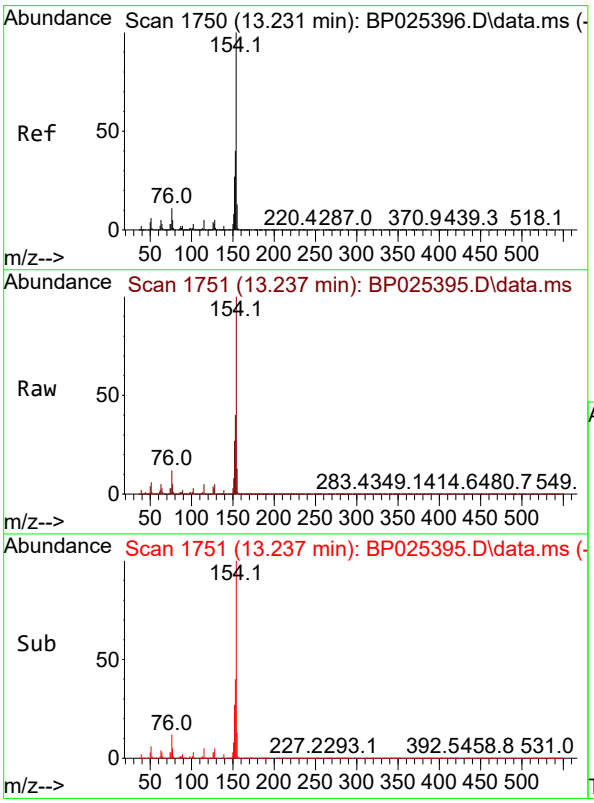
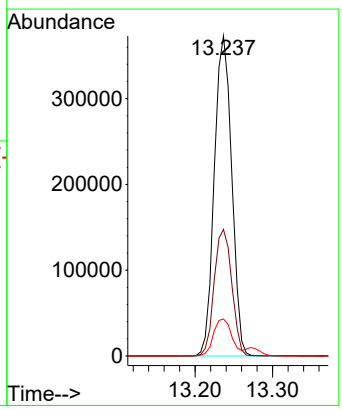
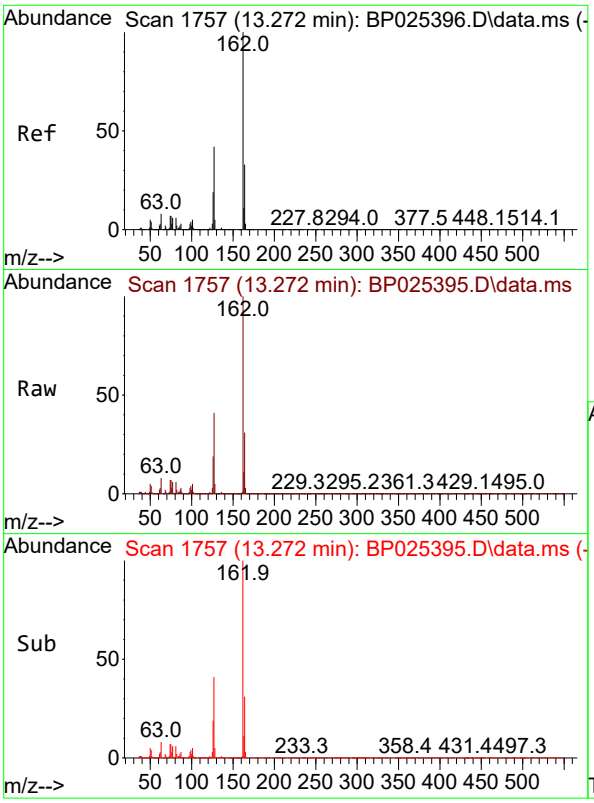


#46
1,1'-Biphenyl
Concen: 20.064 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

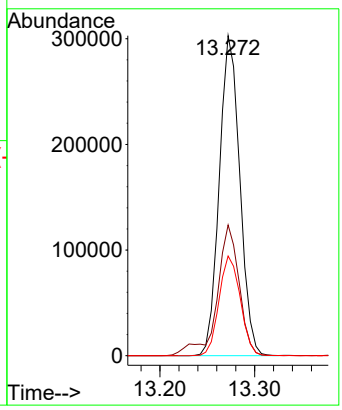




#47
2-Chloronaphthalene
Concen: 20.237 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
BNA_P
ClientSampleId :
SSTDICC020

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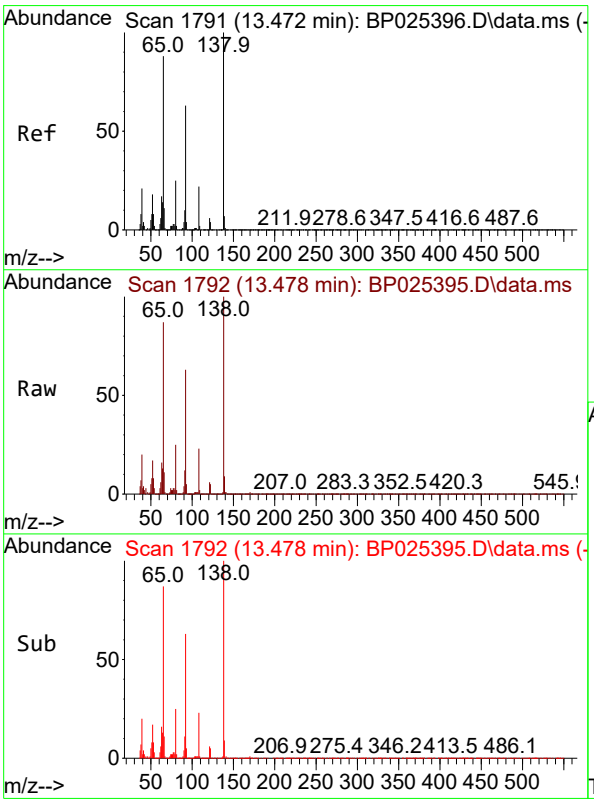
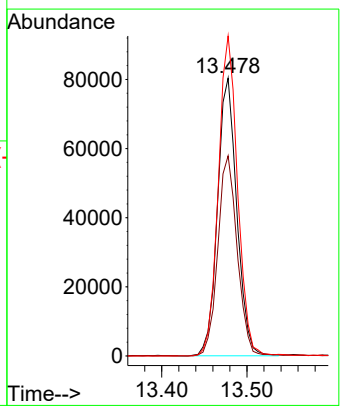
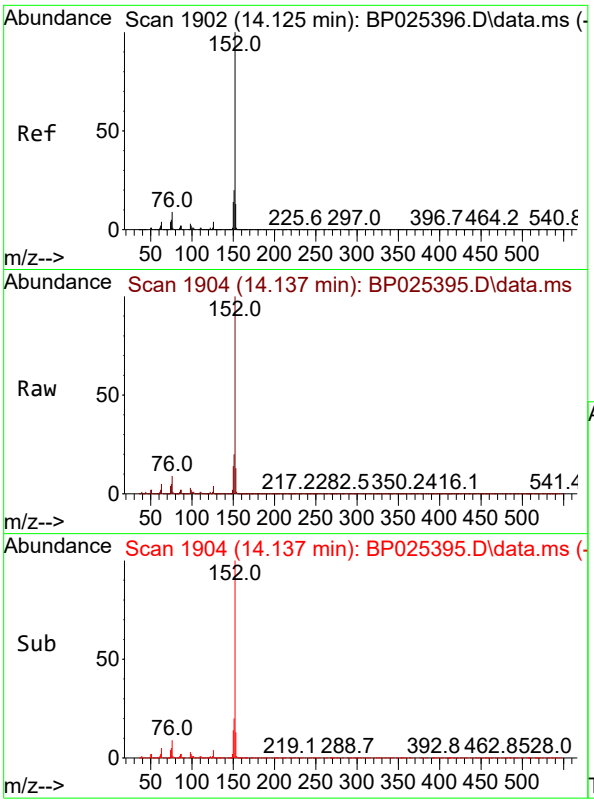


#48
2-Nitroaniline
Concen: 19.233 ng
RT: 13.478 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

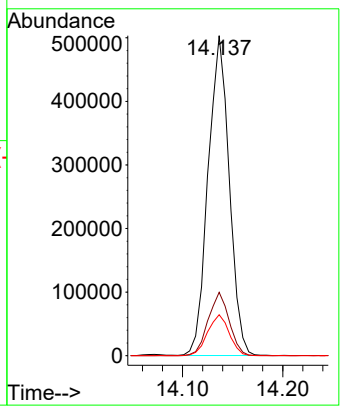




#49
Acenaphthylene
Concen: 19.756 ng
RT: 14.137 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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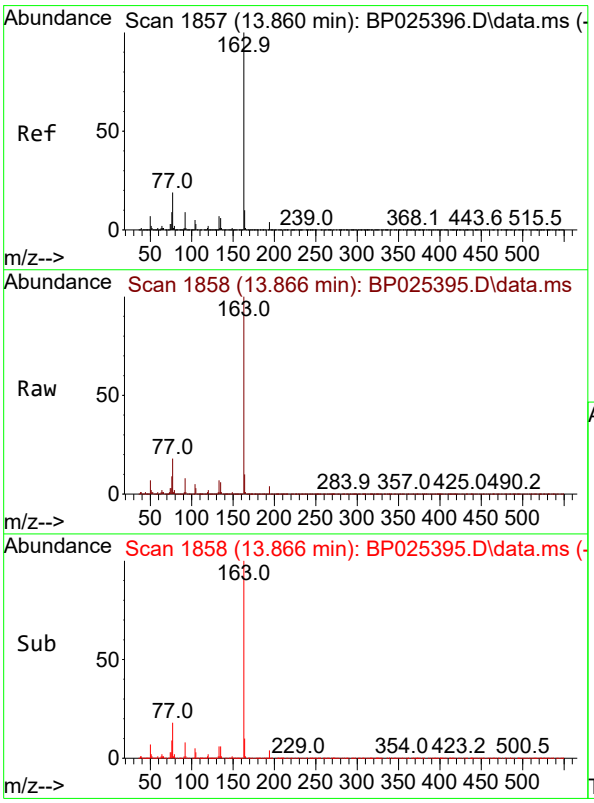
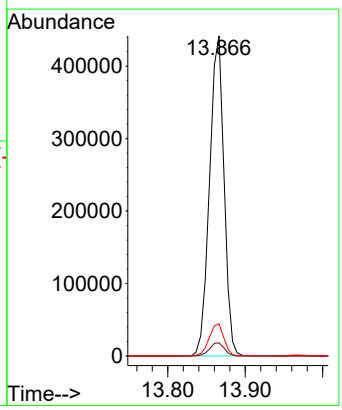
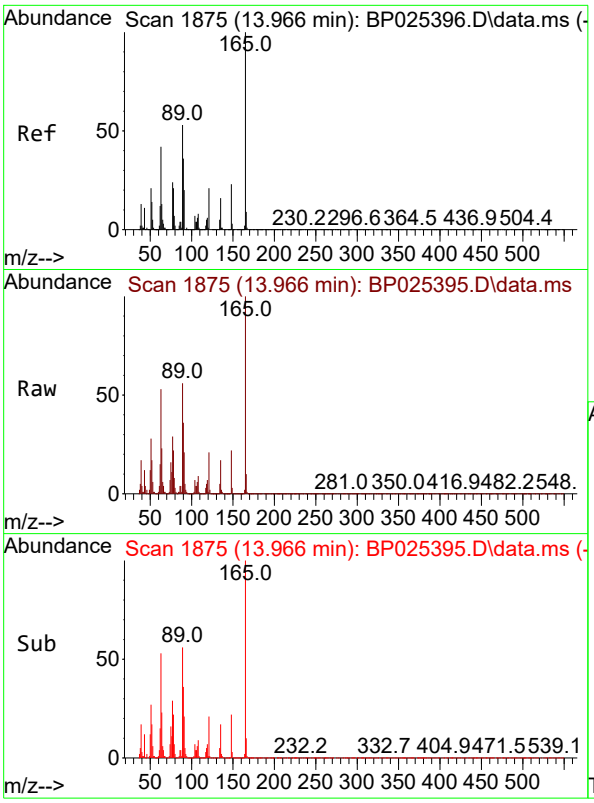


#50
Dimethylphthalate
Concen: 19.632 ng
RT: 13.866 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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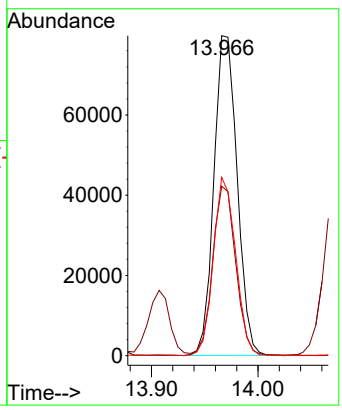
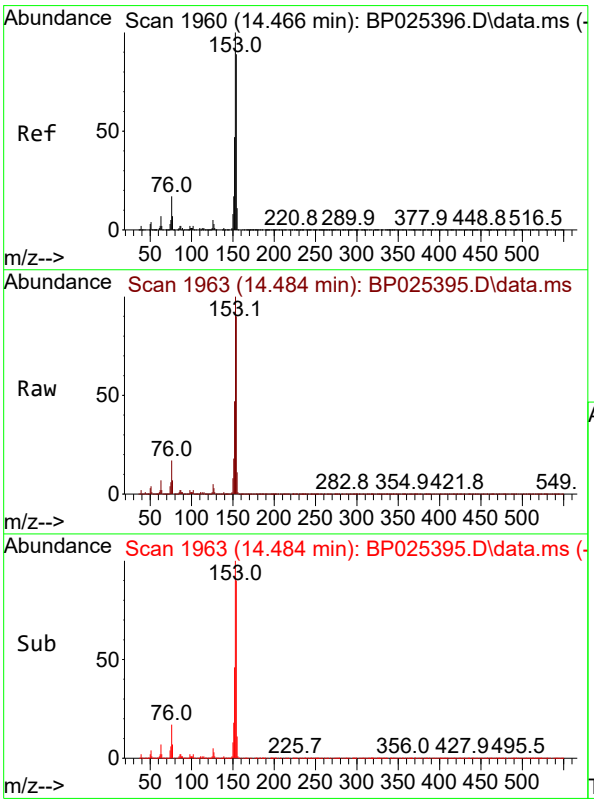
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

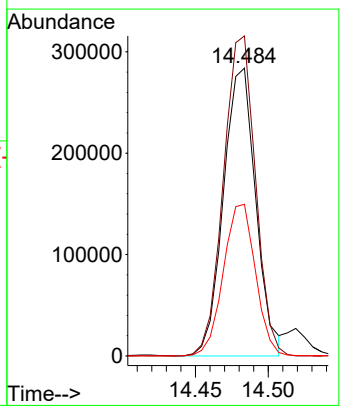


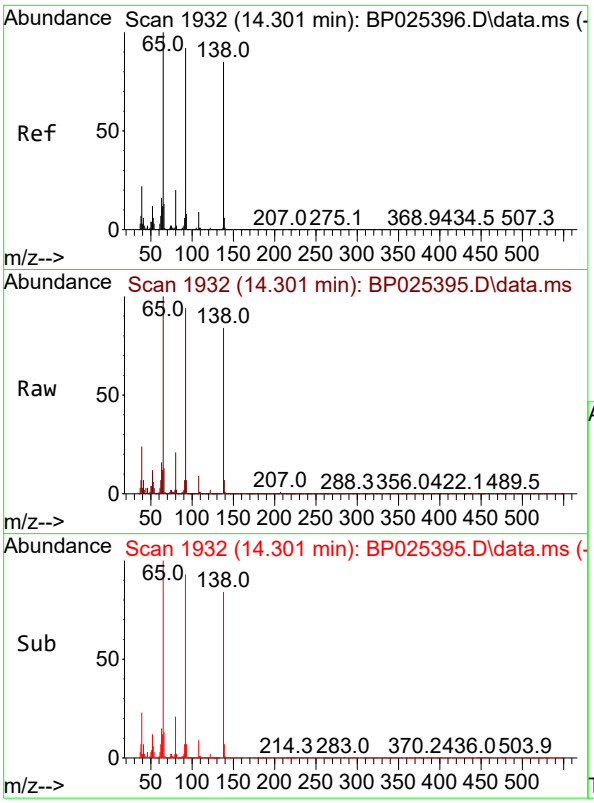


#52
Acenaphthene
Concen: 20.027 ng m
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

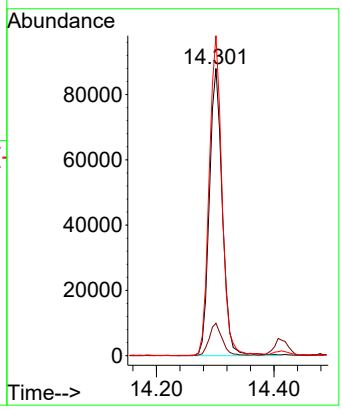




#53
3-Nitroaniline
Concen: 19.410 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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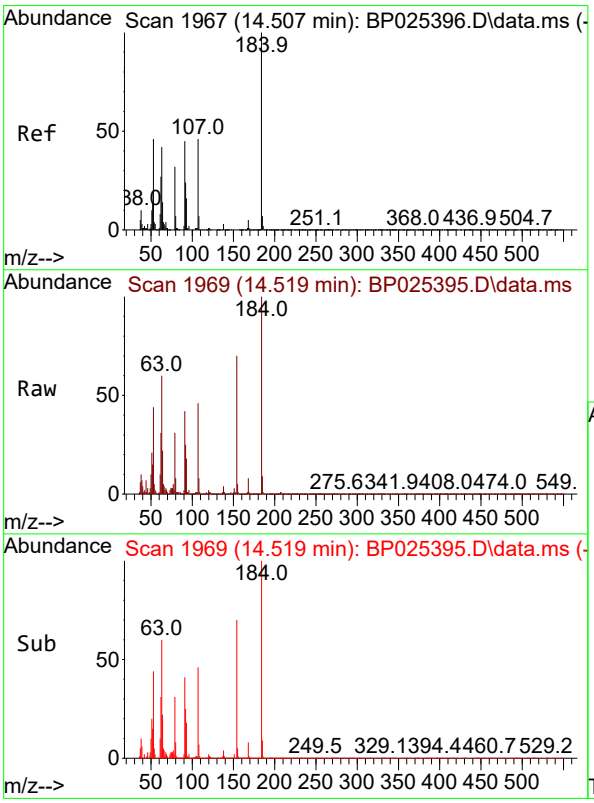
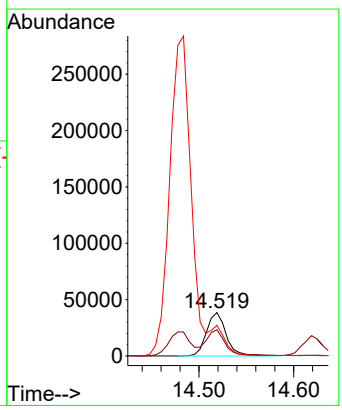
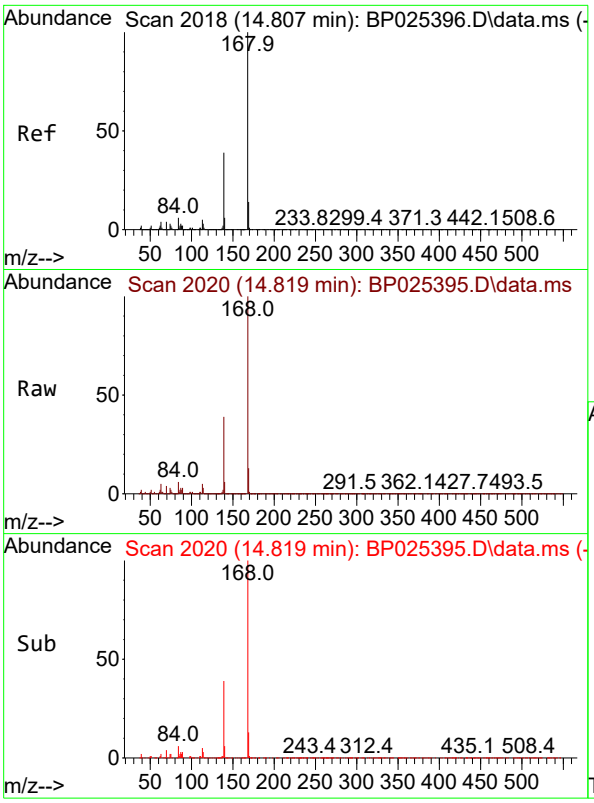


#54
2,4-Dinitrophenol
Concen: 16.939 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

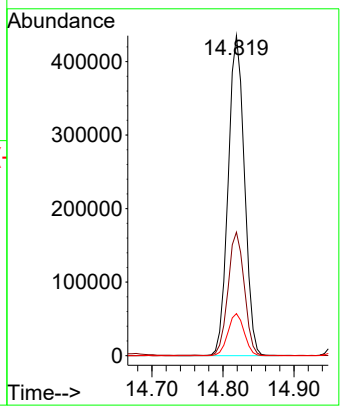




#55
Dibenzofuran
Concen: 20.002 ng
RT: 14.819 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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ClientSampleId :
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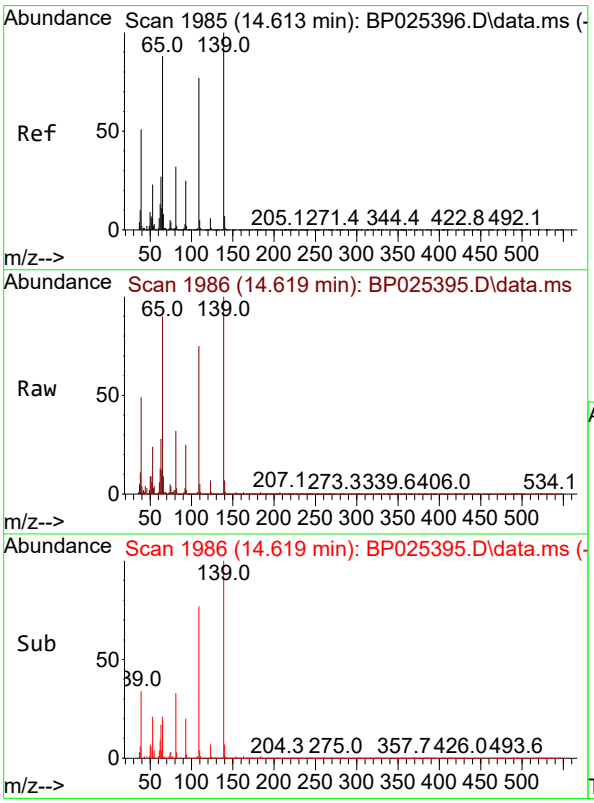
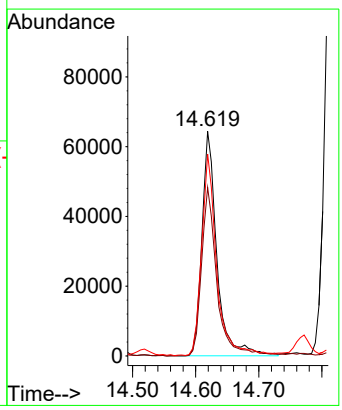
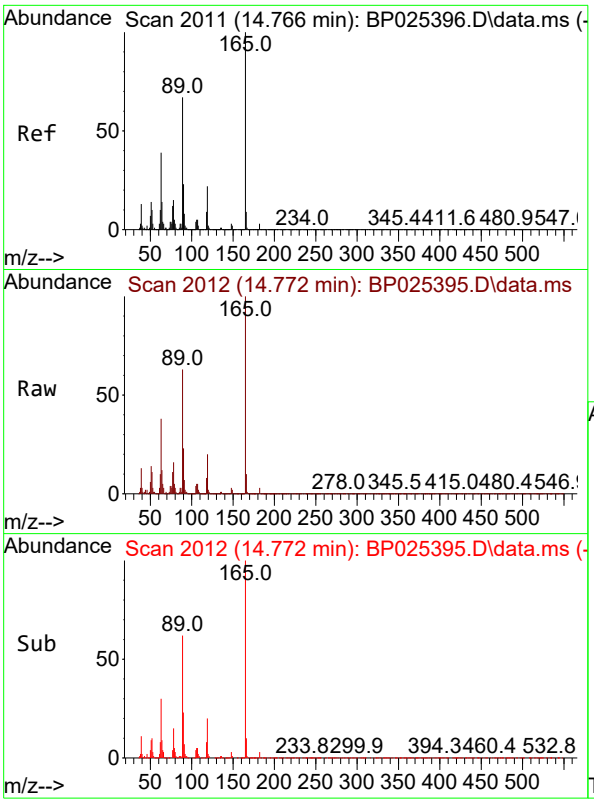


#56
4-Nitrophenol
Concen: 18.578 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

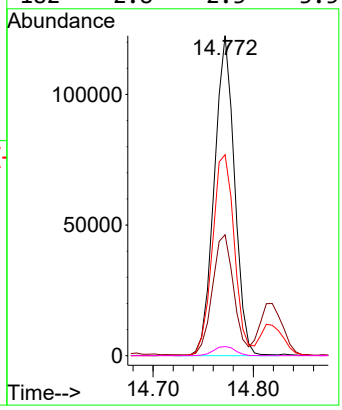




#57
2,4-Dinitrotoluene
Concen: 19.576 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
BNA_P
ClientSampleId :
SSTDICC020

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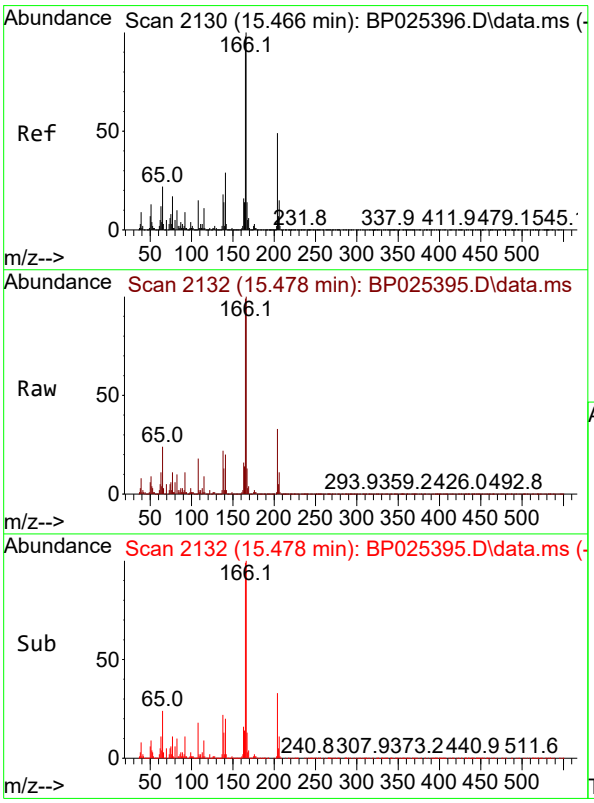
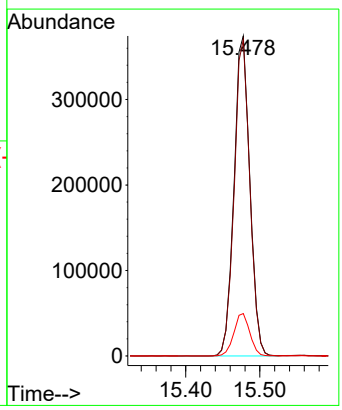
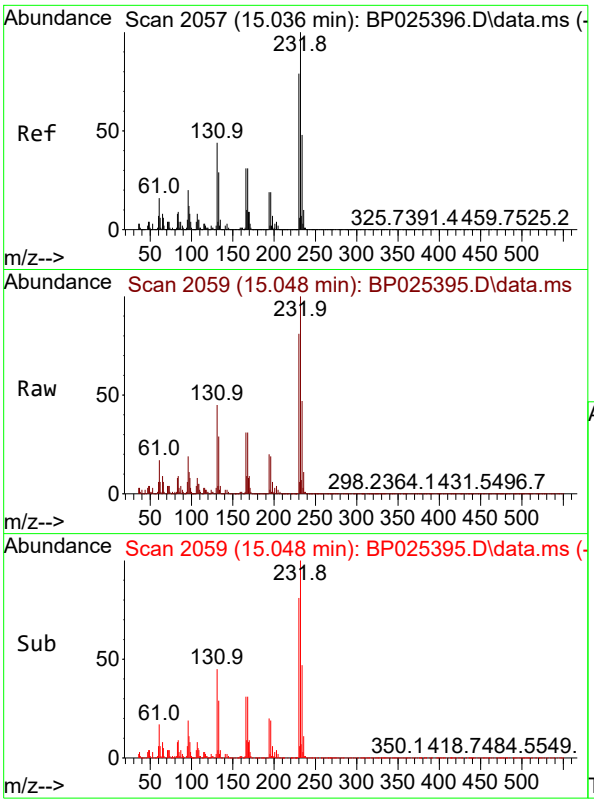


#58
Fluorene
Concen: 20.289 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

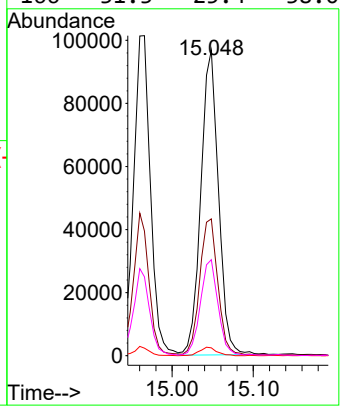




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.381 ng
RT: 15.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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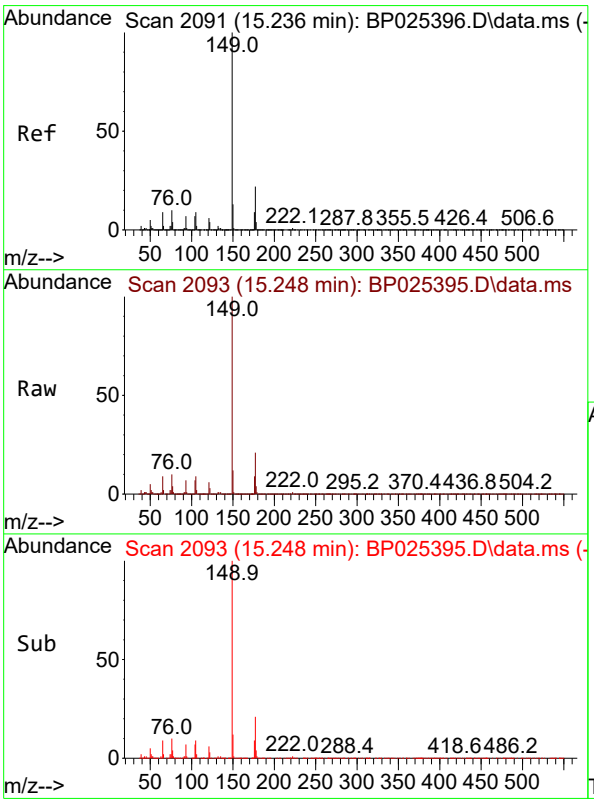
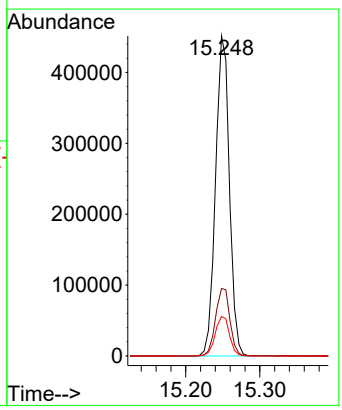
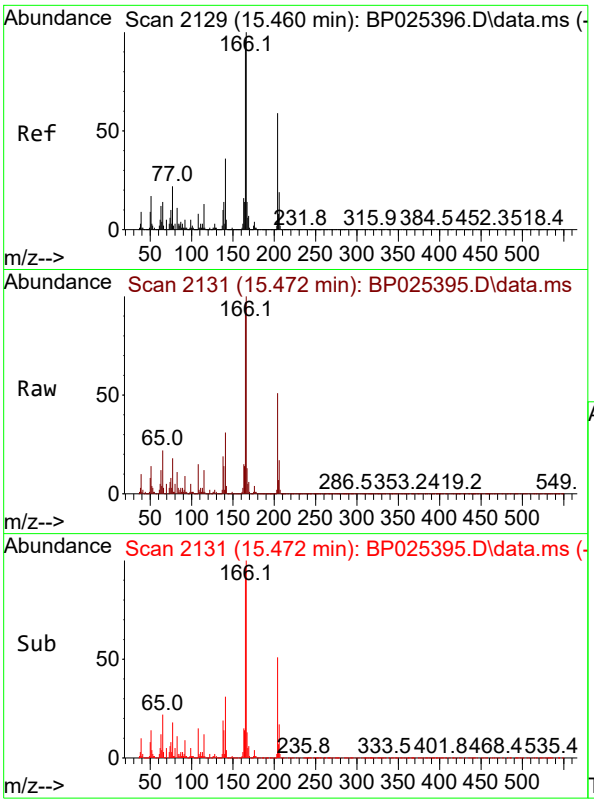


#60
Diethylphthalate
Concen: 19.689 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

Manual Integrations
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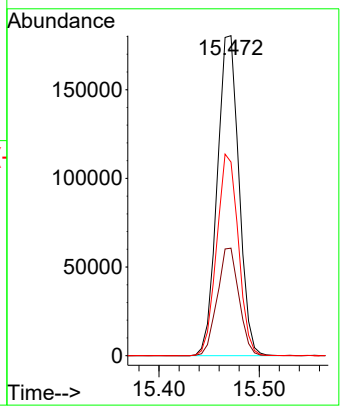
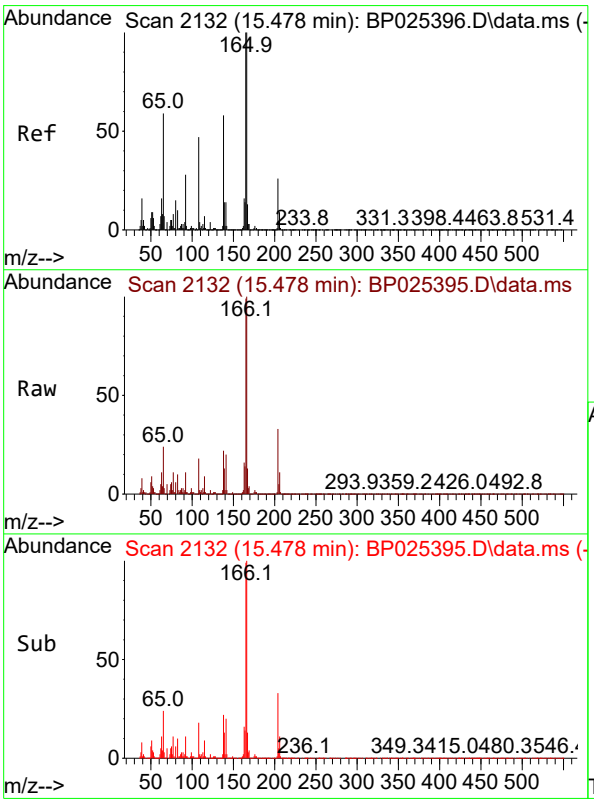
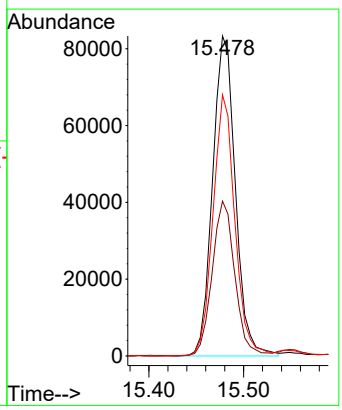


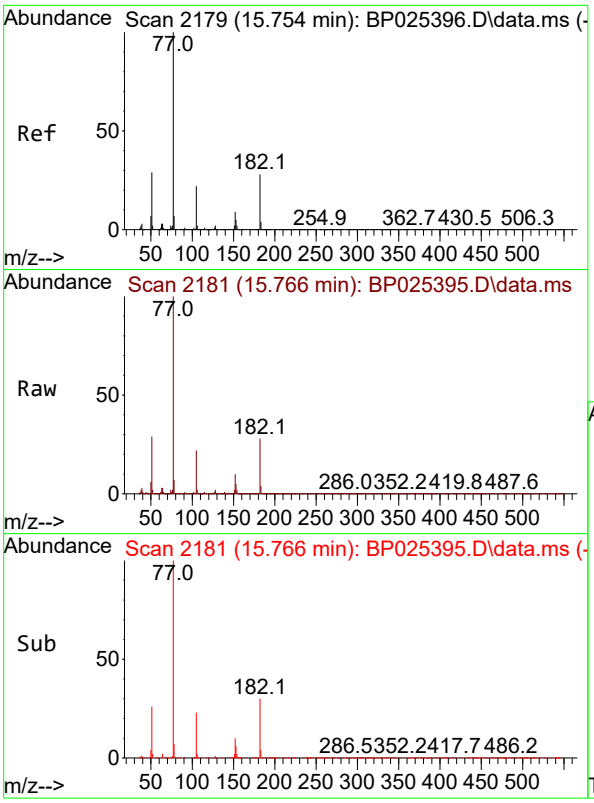


#62
4-Nitroaniline
Concen: 19.595 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

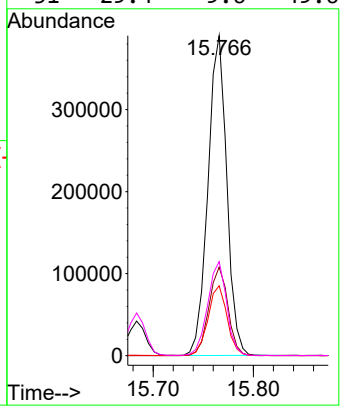




#63
Azobenzene
Concen: 20.004 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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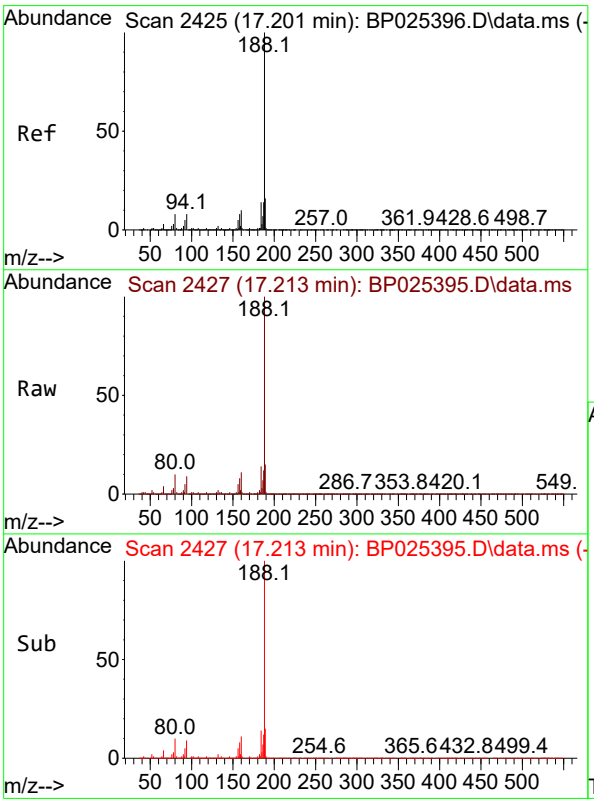
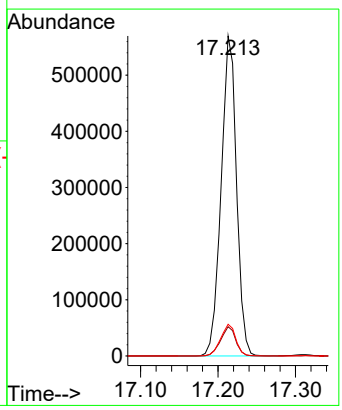
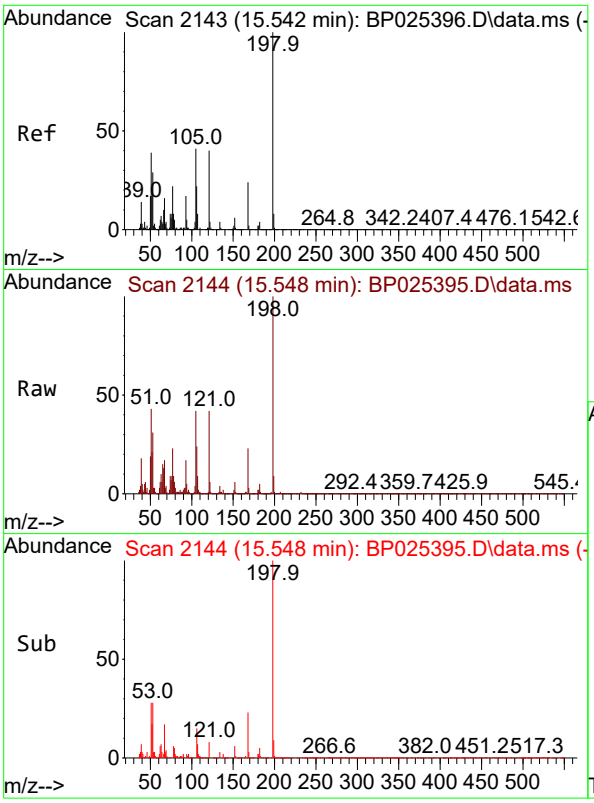


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

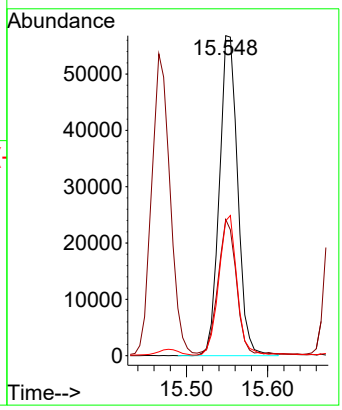




#65
4,6-Dinitro-2-methylphenol
Concen: 18.169 ng
RT: 15.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
SSTDICC020

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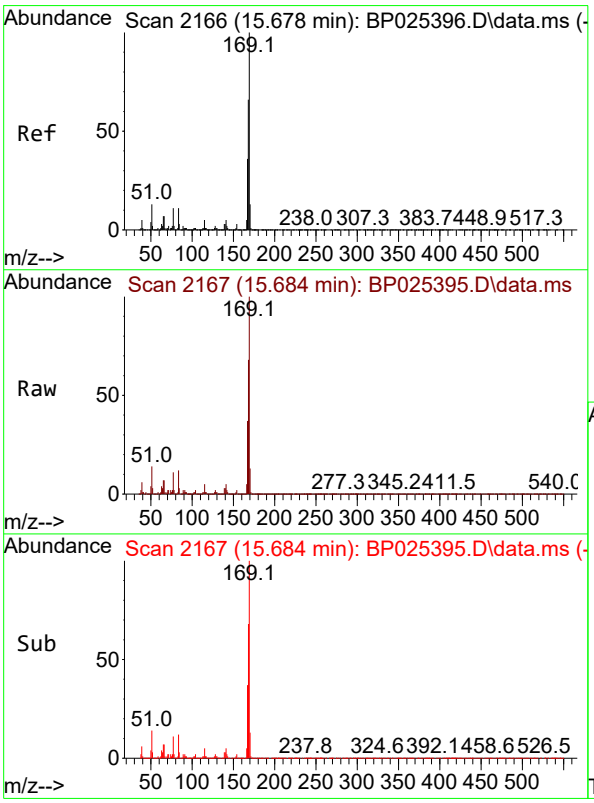
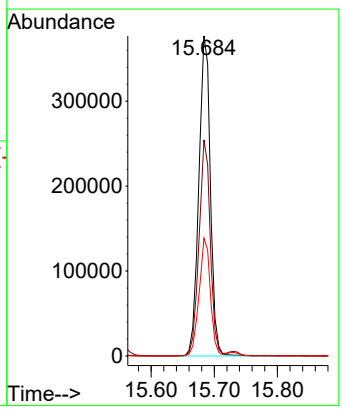
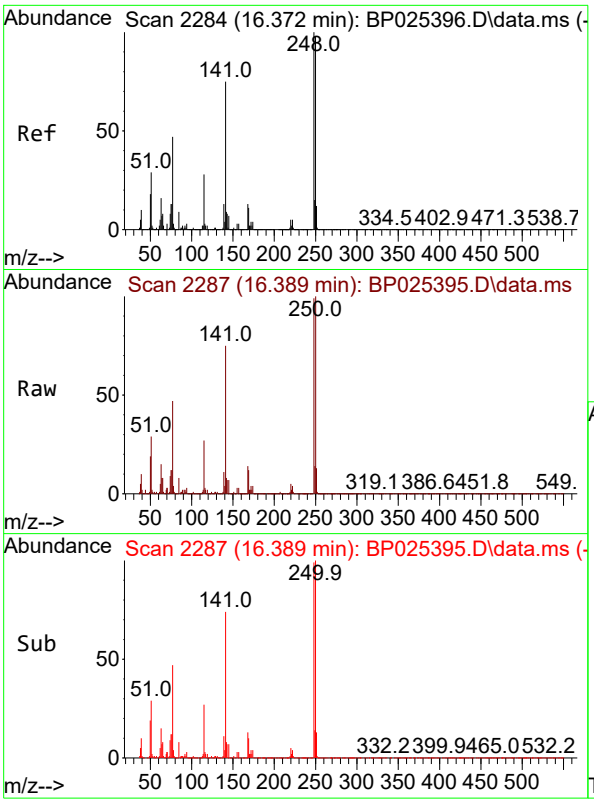


#66
n-Nitrosodiphenylamine
Concen: 19.911 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

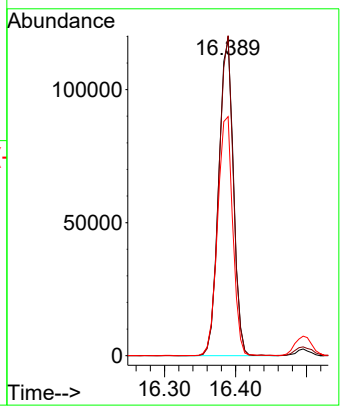




#67
4-Bromophenyl-phenylether
Concen: 19.758 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
BNA_P
ClientSampleId :
SSTDICC020

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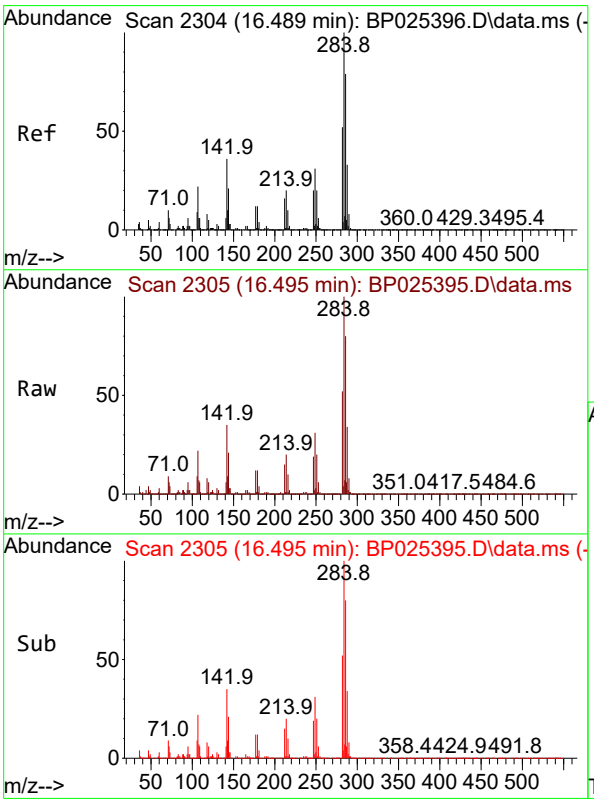
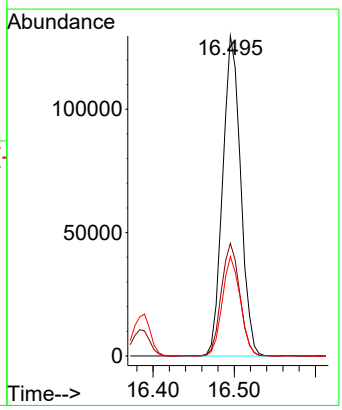
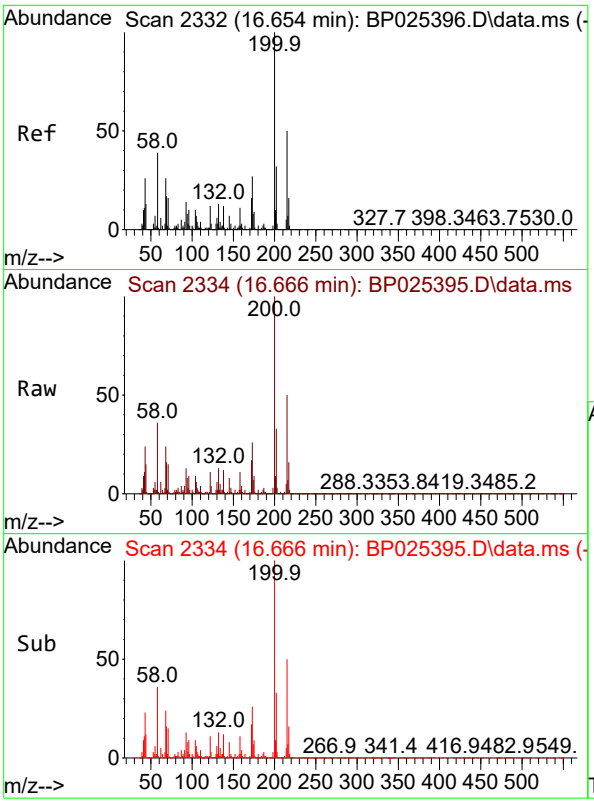


#68
Hexachlorobenzene
Concen: 19.906 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

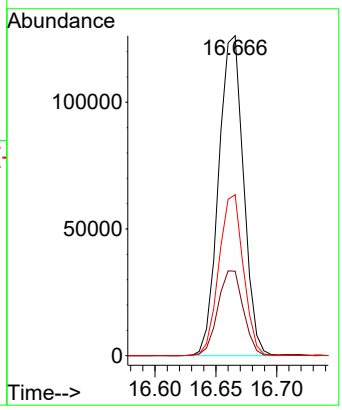




#69
Atrazine
Concen: 20.006 ng
RT: 16.666 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
BNA_P
ClientSampleId :
SSTDICC020

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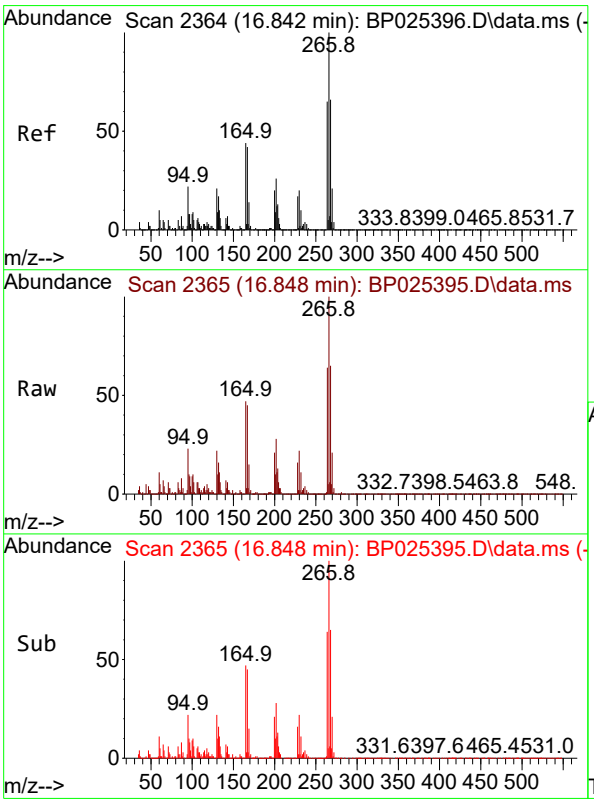
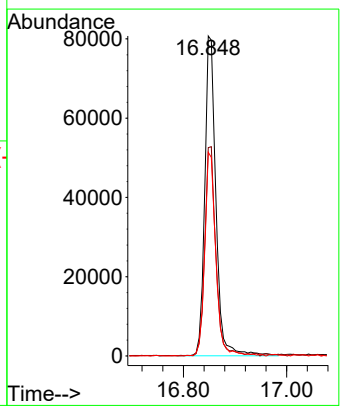
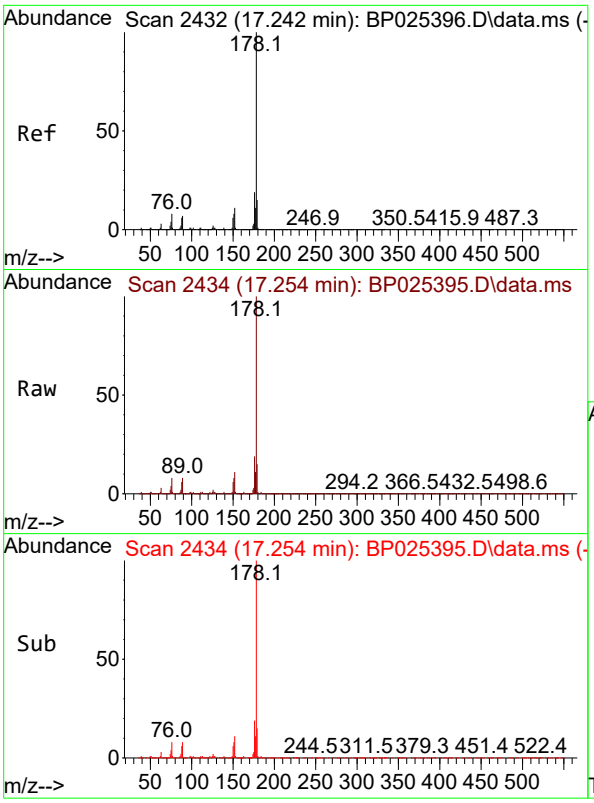


#70
Pentachlorophenol
Concen: 19.128 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

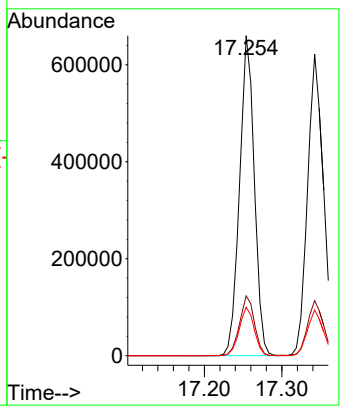




#71
Phenanthrene
Concen: 20.223 ng
RT: 17.254 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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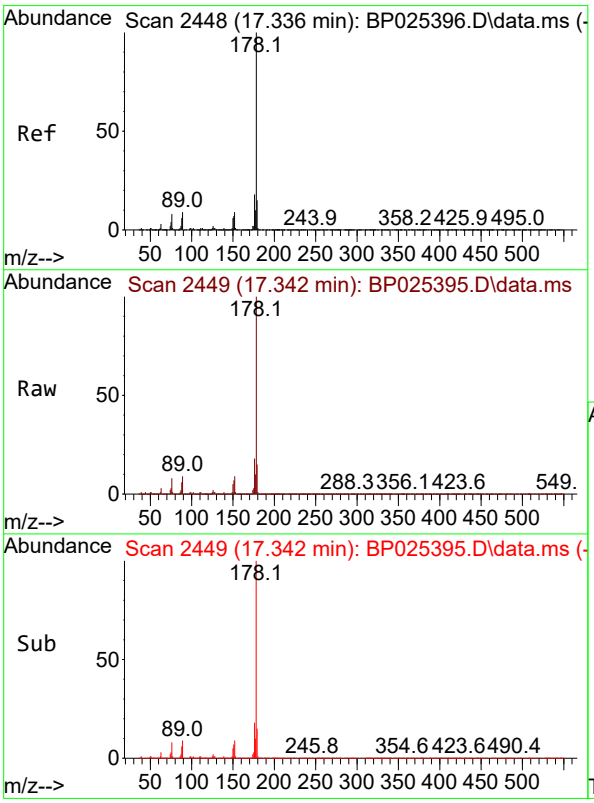
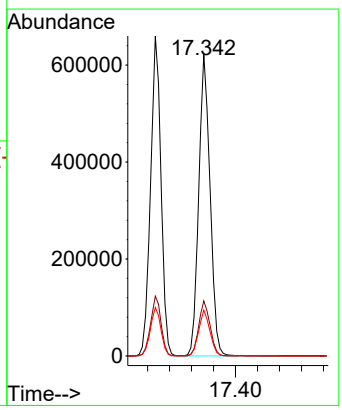
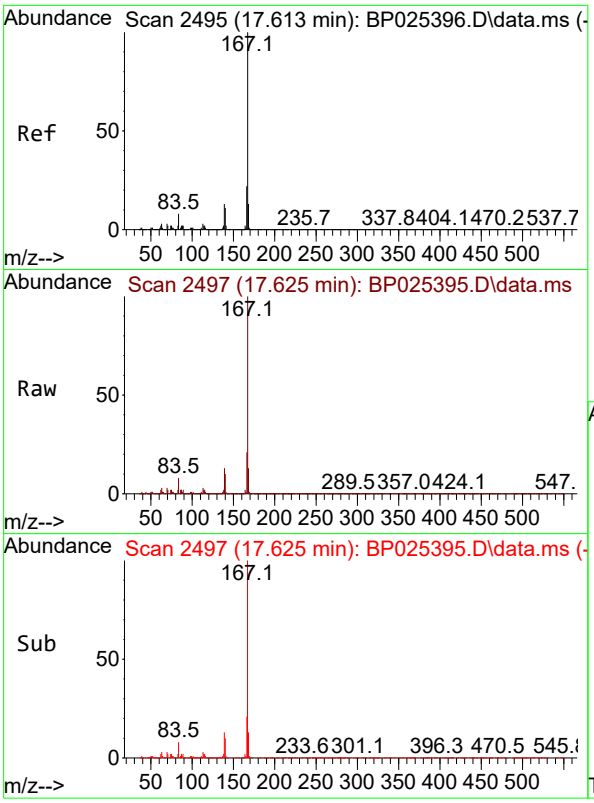


#72
Anthracene
Concen: 20.198 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

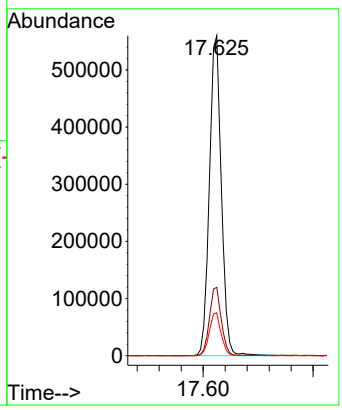




#73
Carbazole
Concen: 20.328 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
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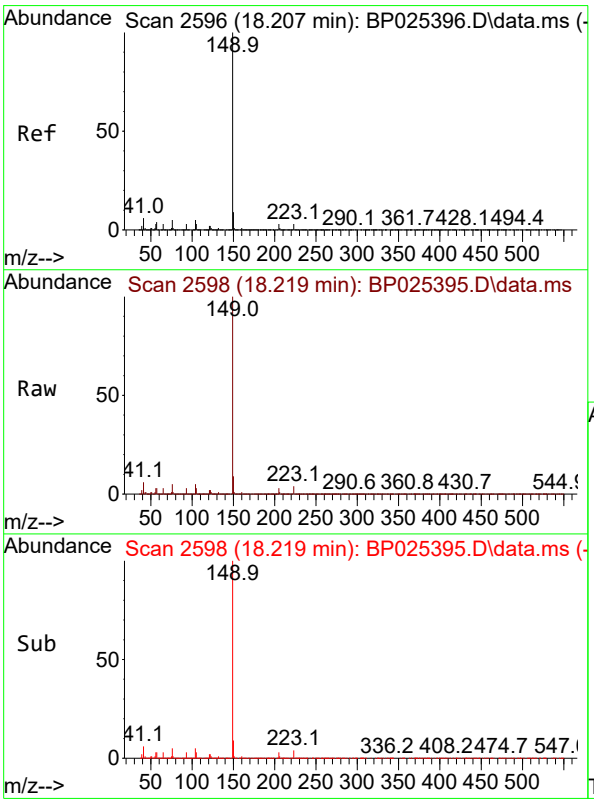
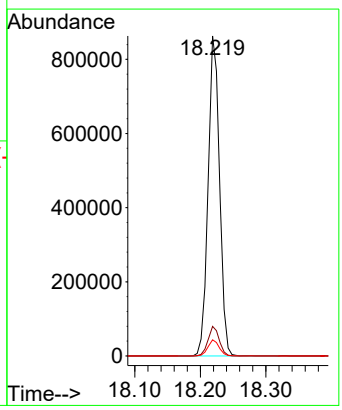
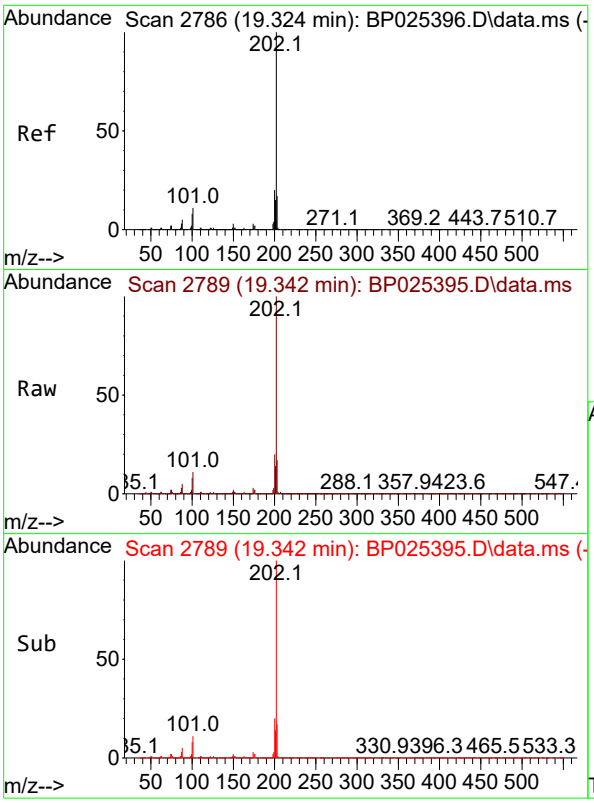


#74
Di-n-butylphthalate
Concen: 20.491 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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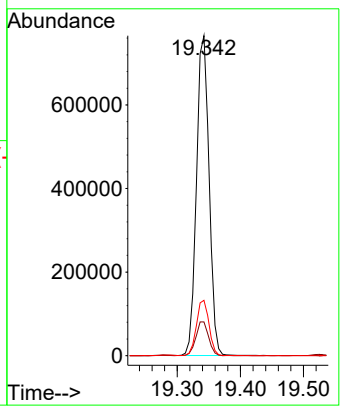
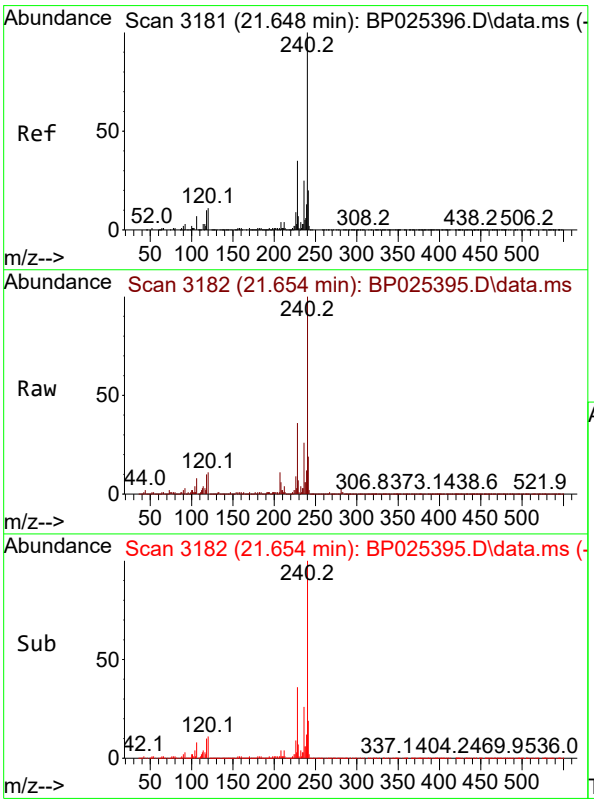
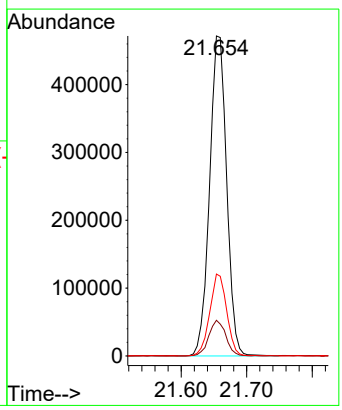


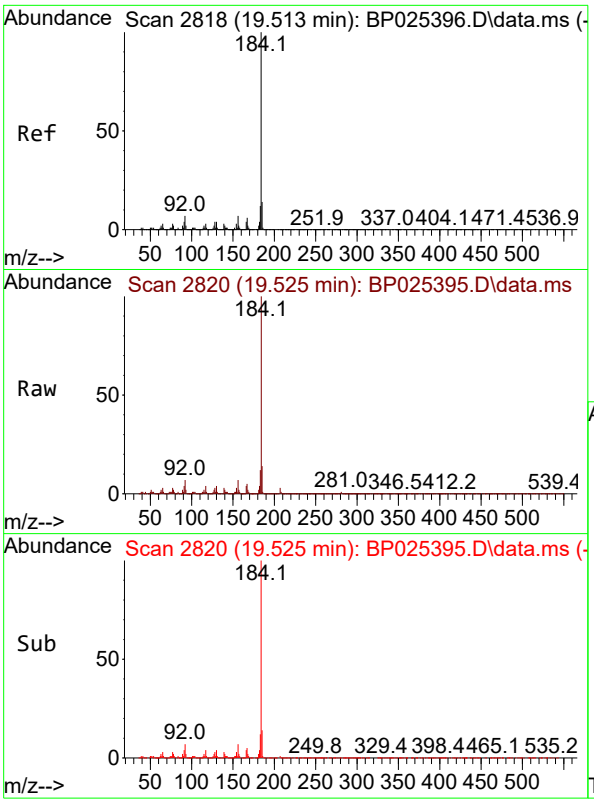


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

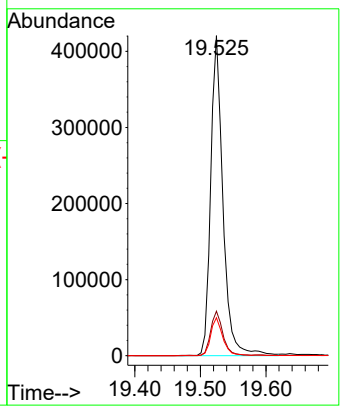




#77
Benzidine
Concen: 18.799 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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 :
BNA_P
ClientSampleId :
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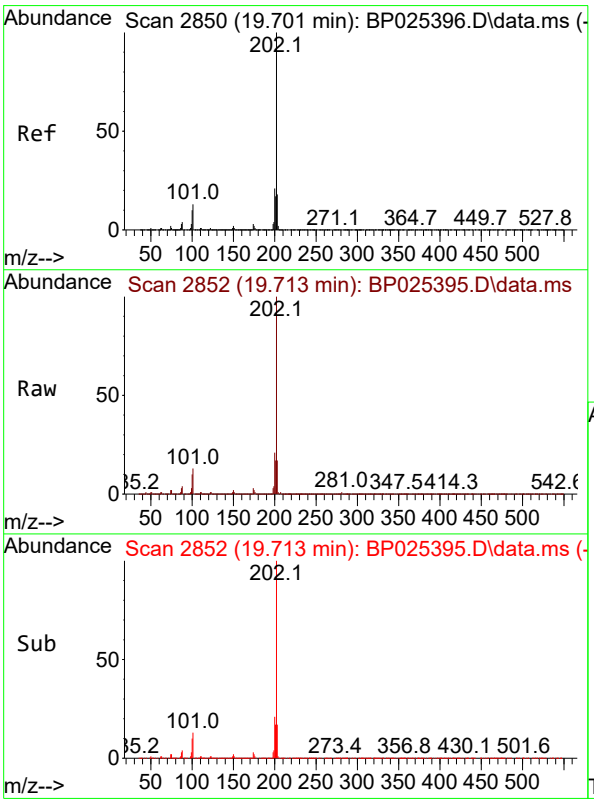
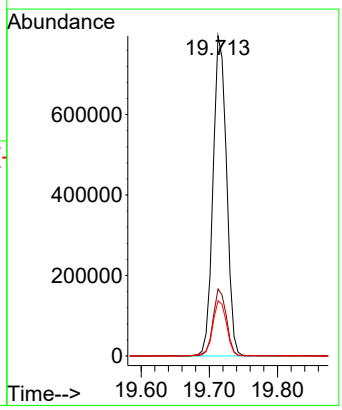
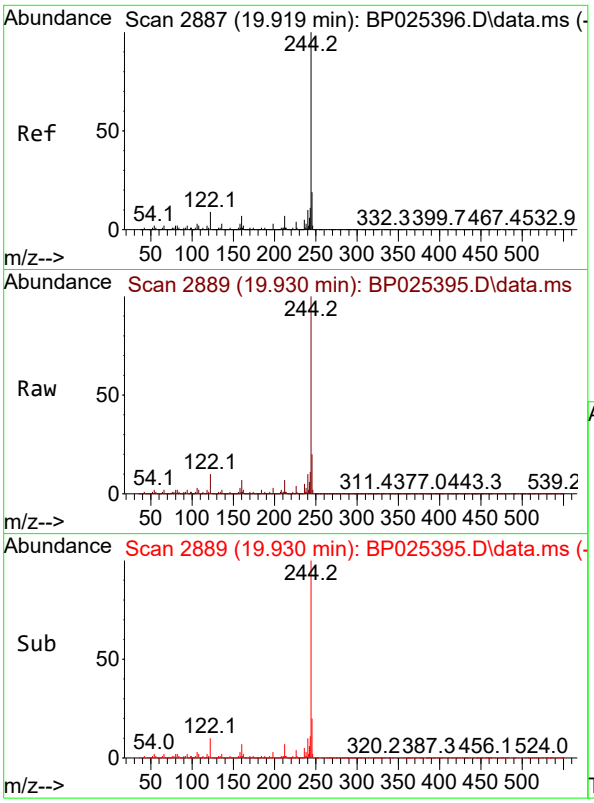


#78
Pyrene
Concen: 19.807 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

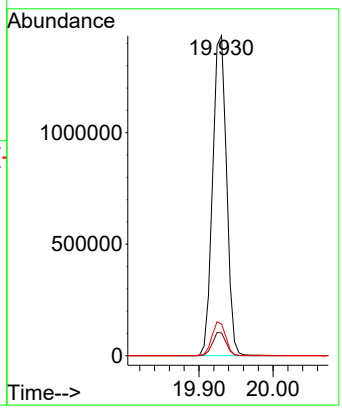




#79
Terphenyl-d14
Concen: 40.152 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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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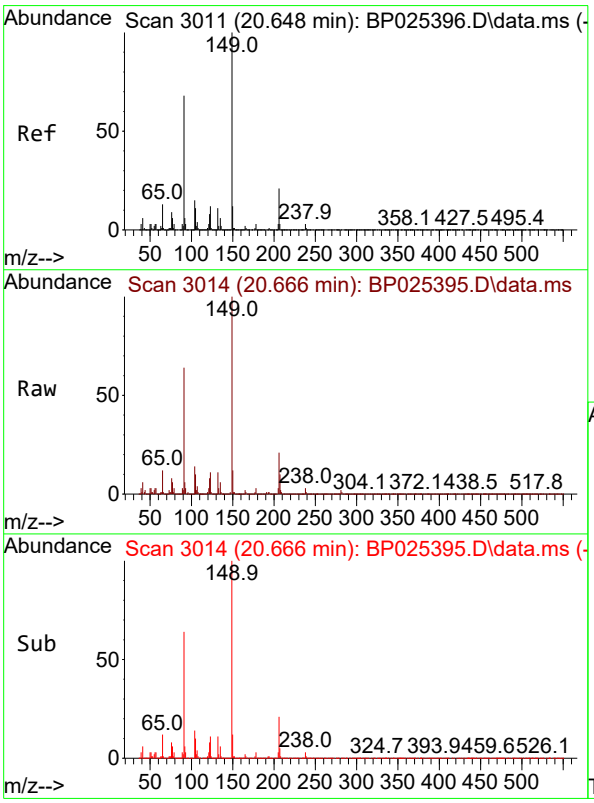
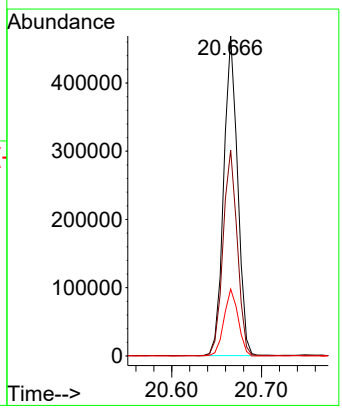
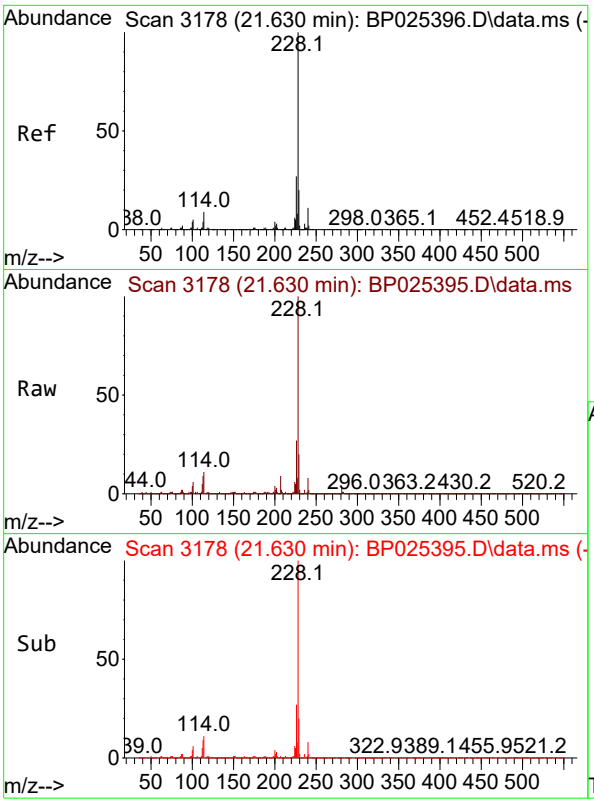


#80
Butylbenzylphthalate
Concen: 20.081 ng
RT: 20.666 min Scan# 3014
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

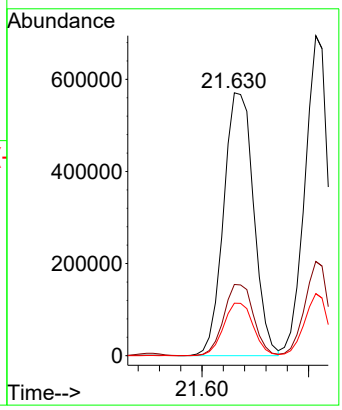




#81
Benzo(a)anthracene
Concen: 19.906 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

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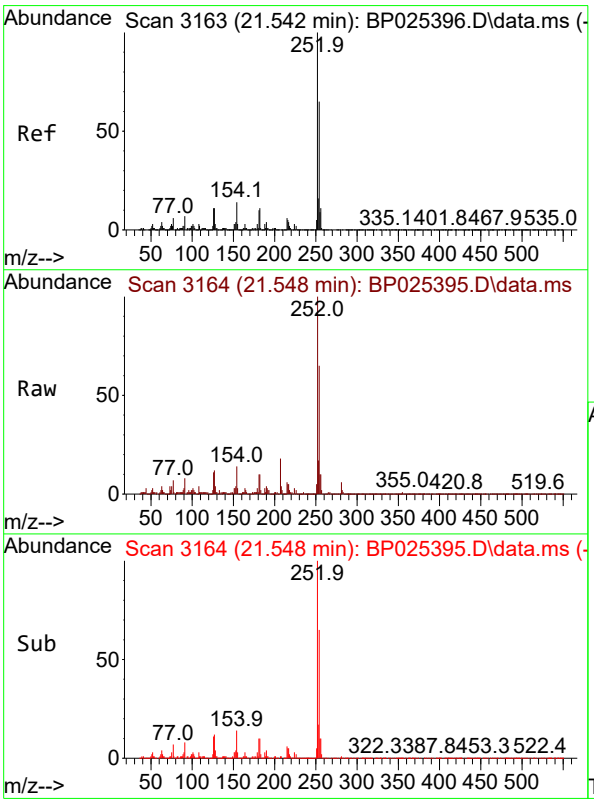
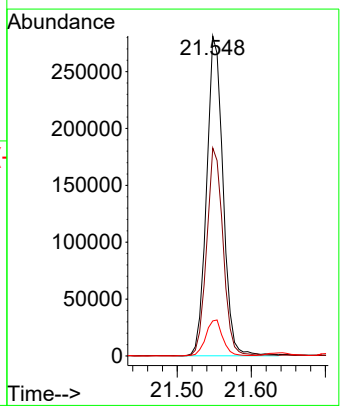
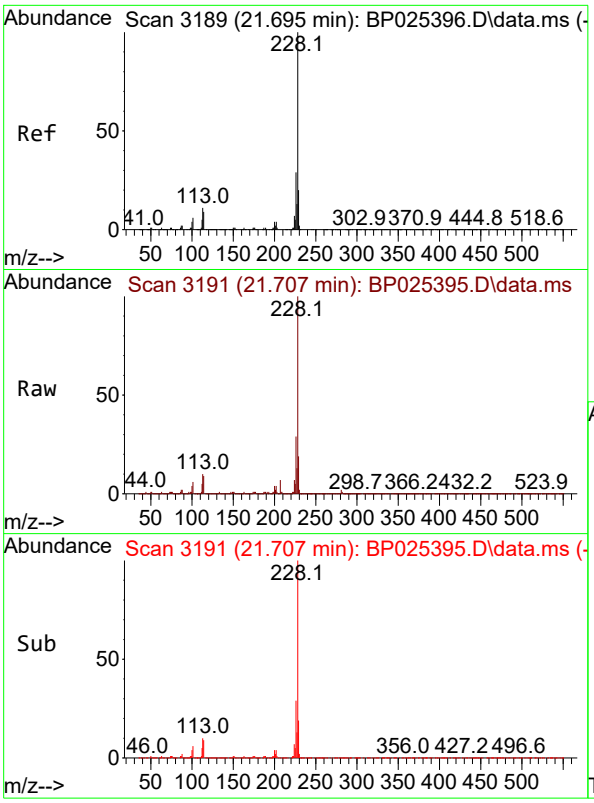


#82
3,3'-Dichlorobenzidine
Concen: 20.399 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

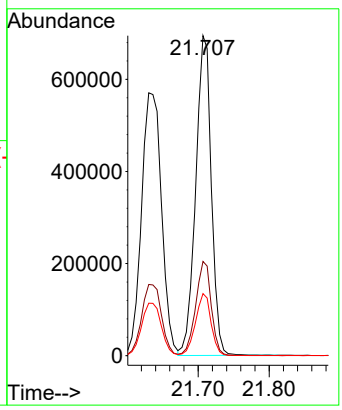




#83
Chrysene
Concen: 20.216 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

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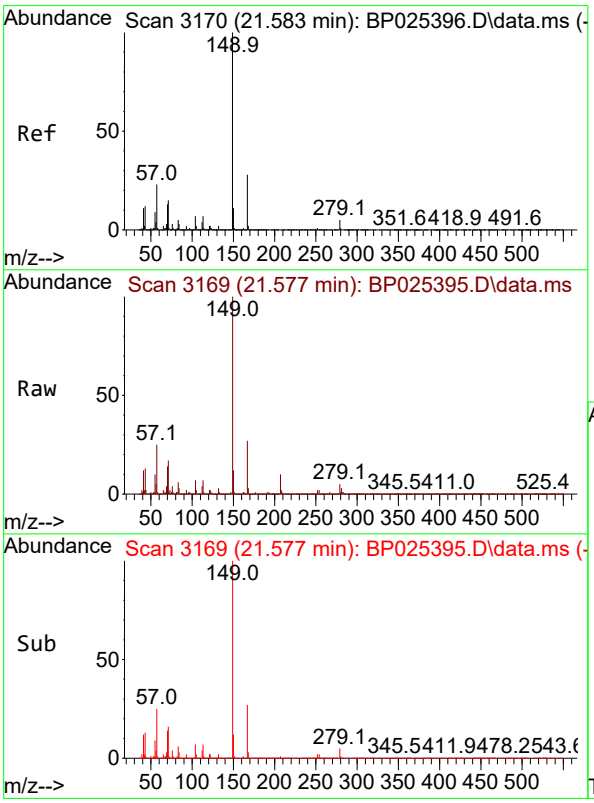
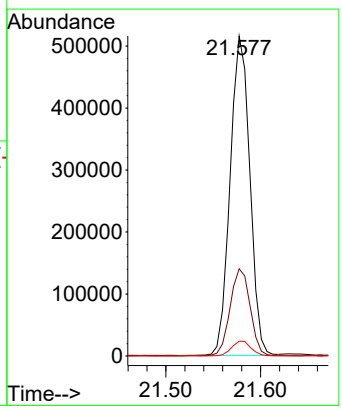
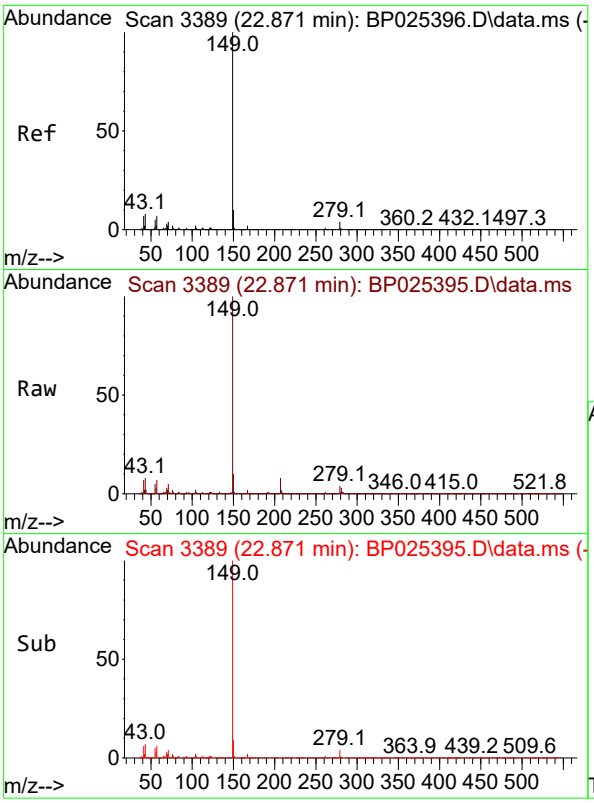


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.155 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

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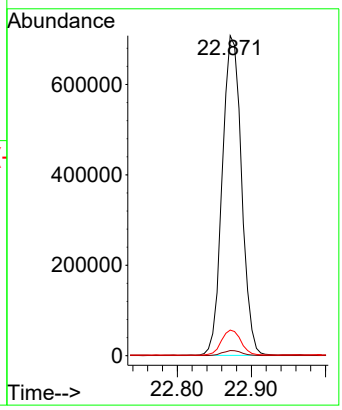
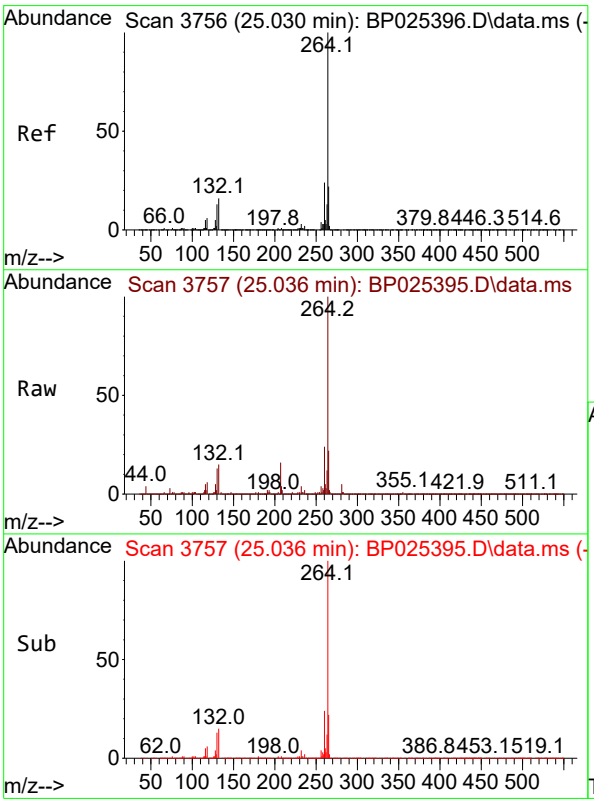
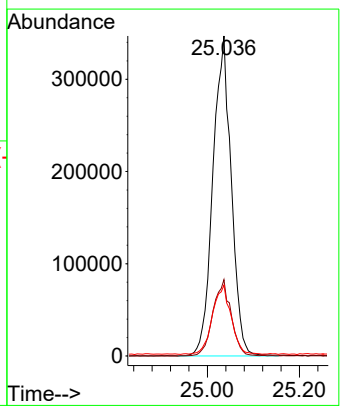


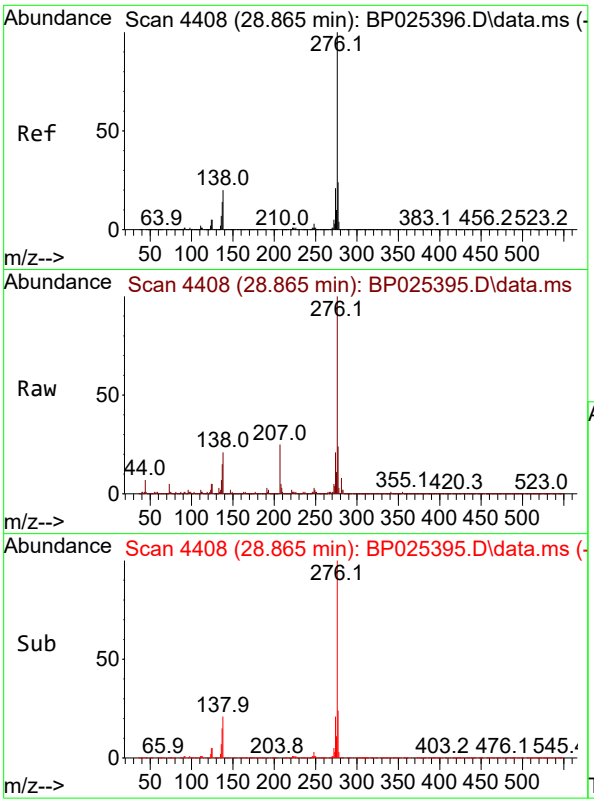


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

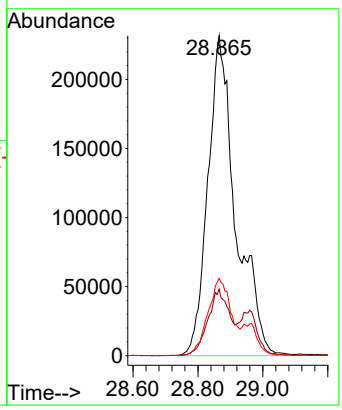




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.627 ng m
RT: 28.865 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:276 Resp: 138033

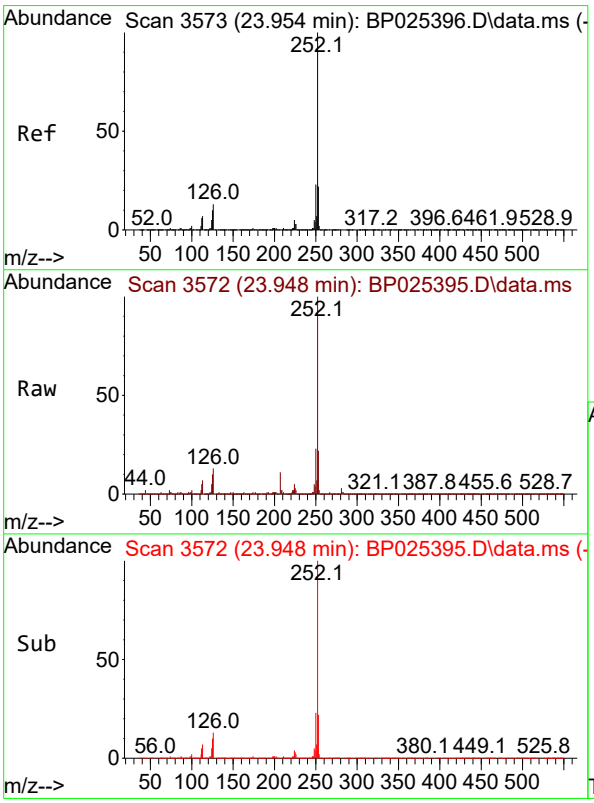
Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.9	19.3
277	20.1	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

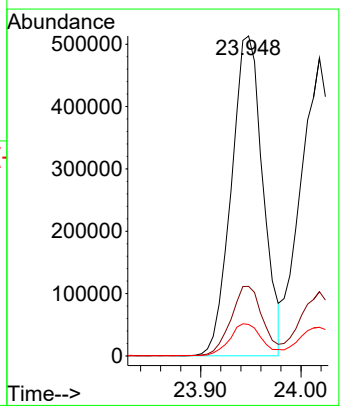
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

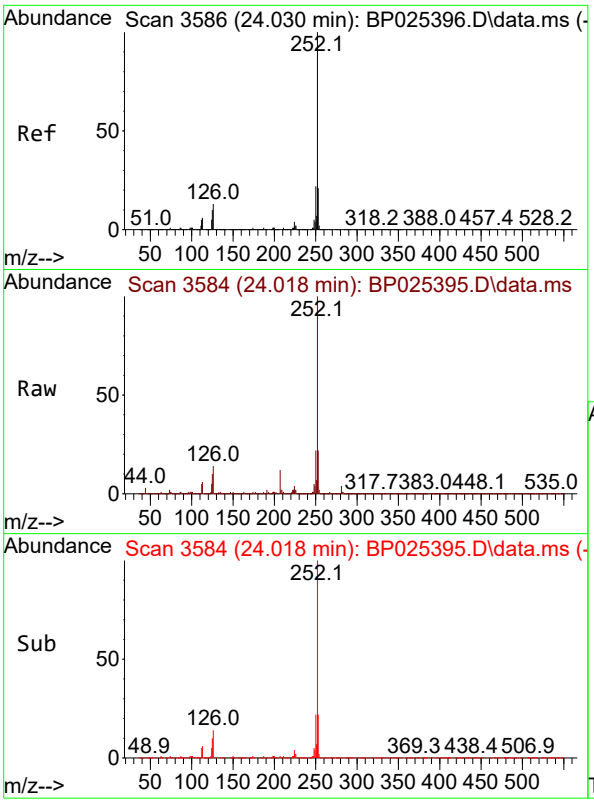


#88
Benzo(b)fluoranthene
Concen: 19.855 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

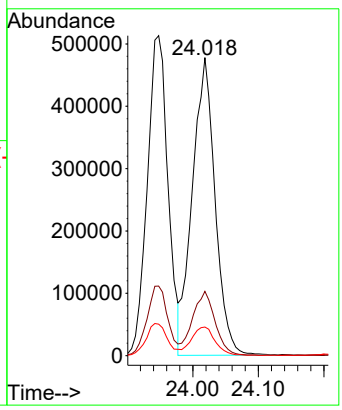




#89
Benzo(k)fluoranthene
Concen: 20.336 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 115036

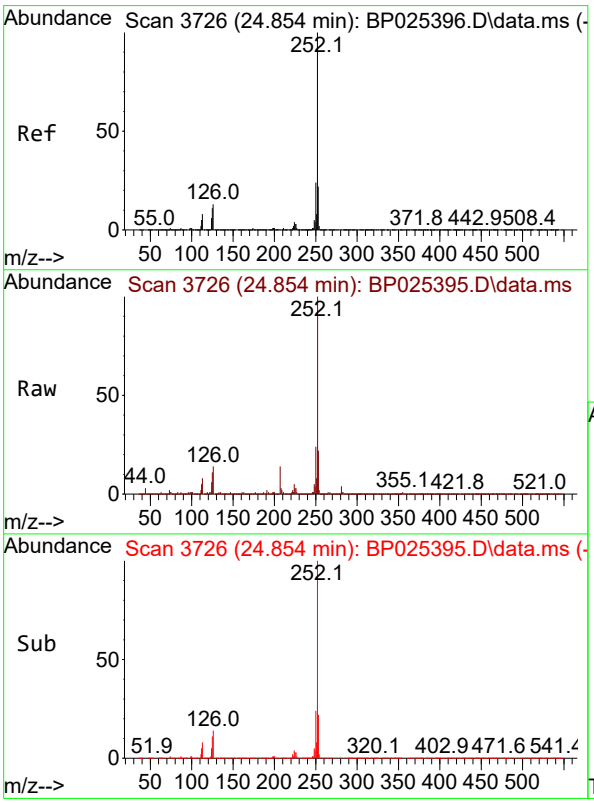
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.6	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

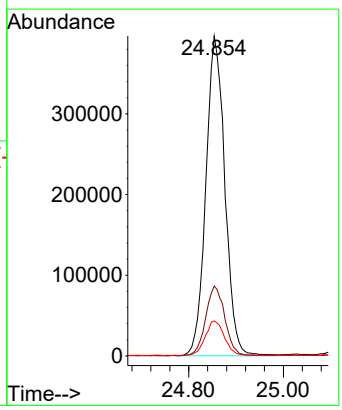
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

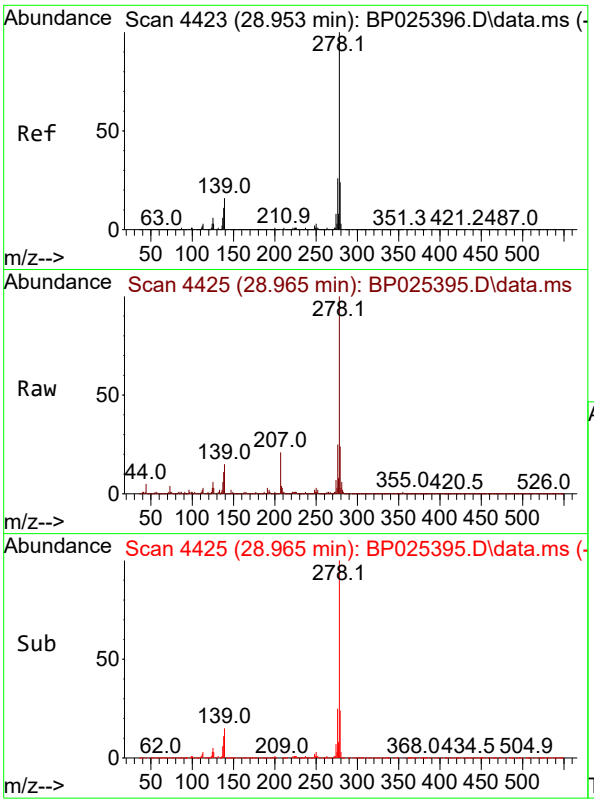


#90
Benzo(a)pyrene
Concen: 20.041 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

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

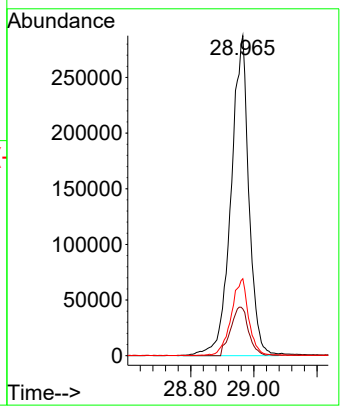




#91
Dibenzo(a,h)anthracene
Concen: 19.672 ng
RT: 28.965 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:278 Resp: 113020

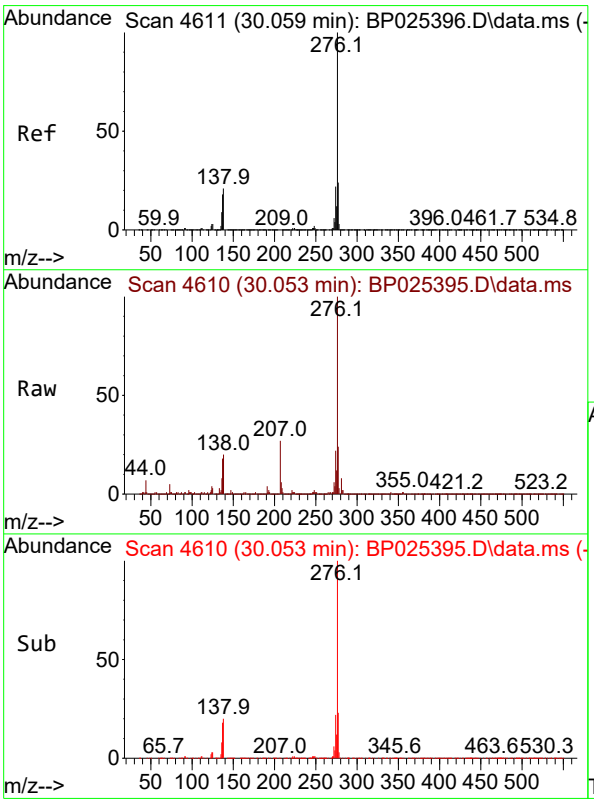
Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.0	19.4
279	24.1	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

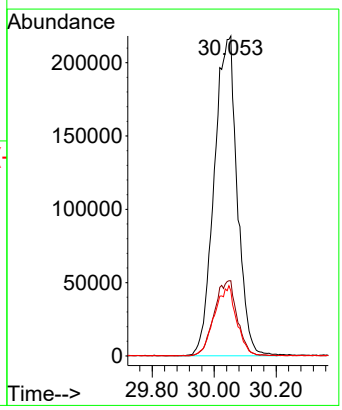
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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

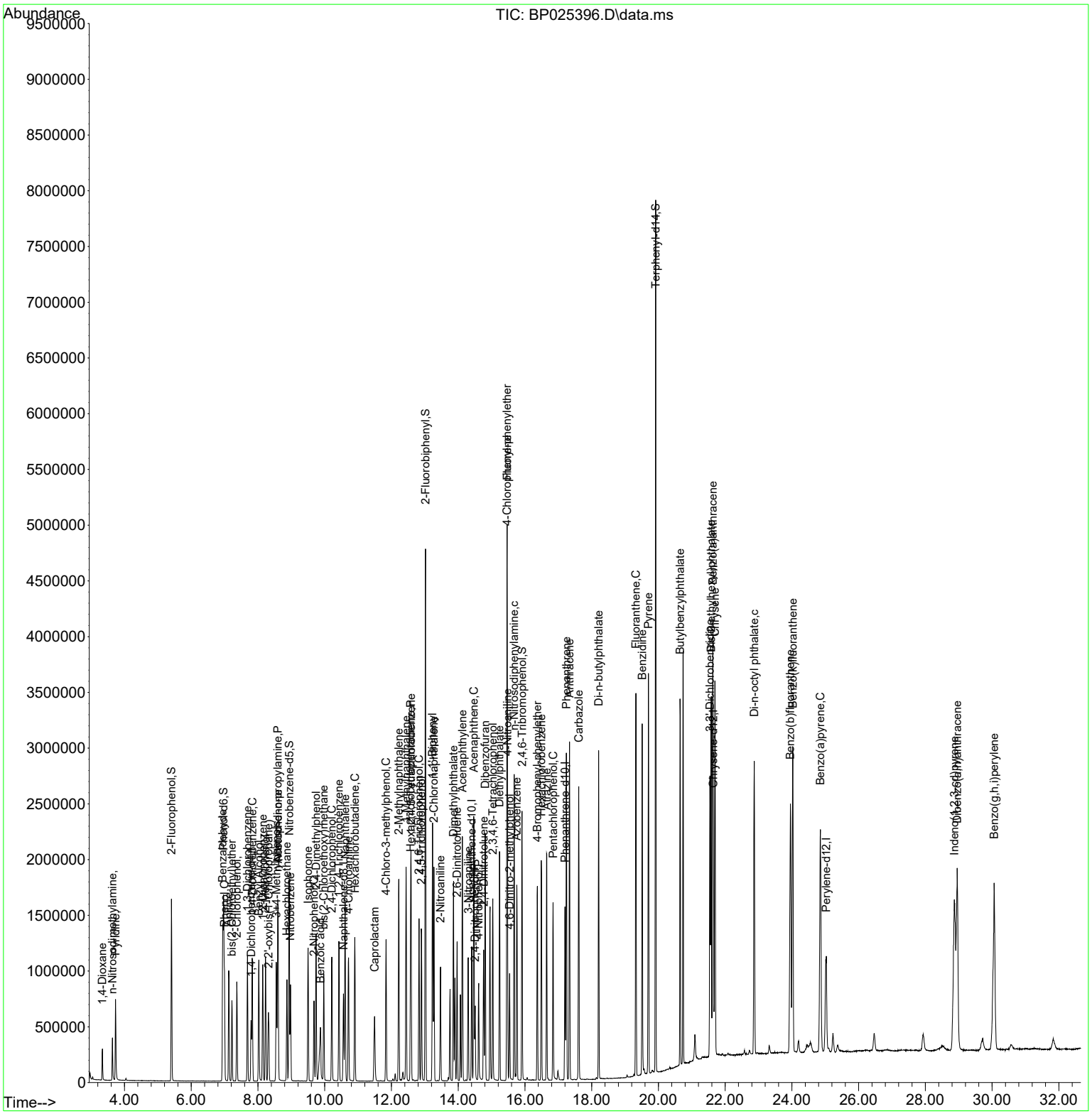
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

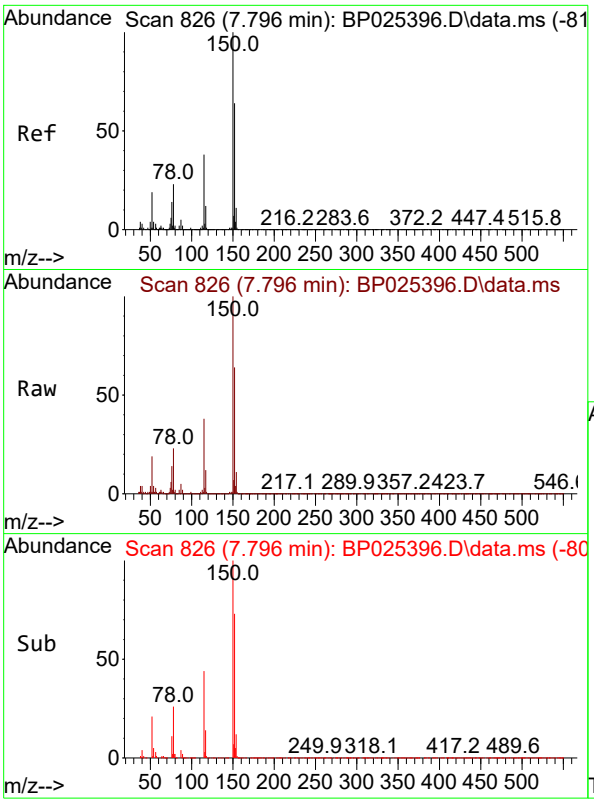
Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

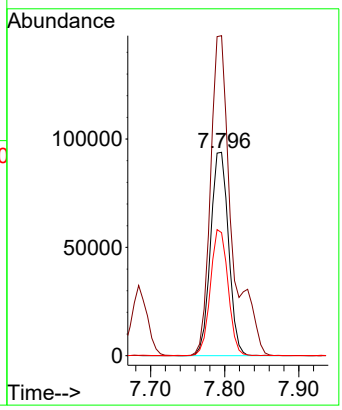




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:152 Resp: 15770

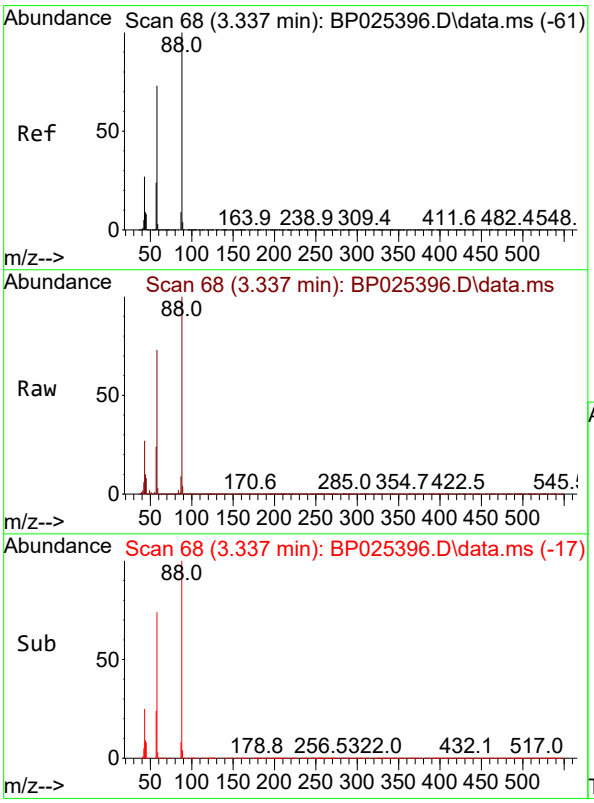
Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	60.6	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

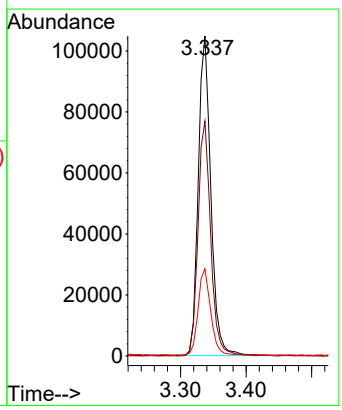
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

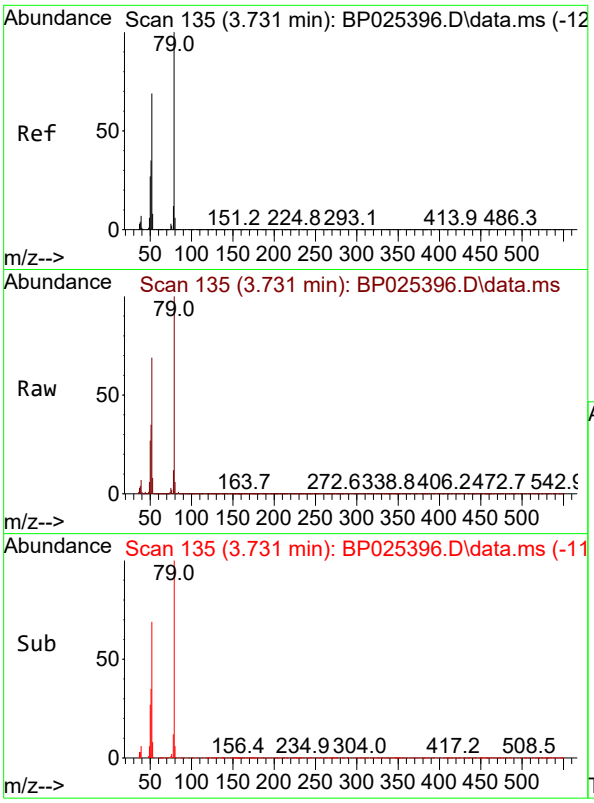


#2
1,4-Dioxane
Concen: 37.726 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

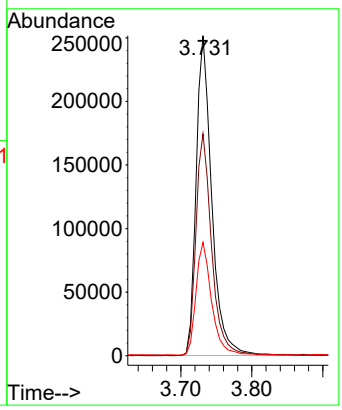




#3
Pyridine
Concen: 37.809 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 79 Resp: 38493

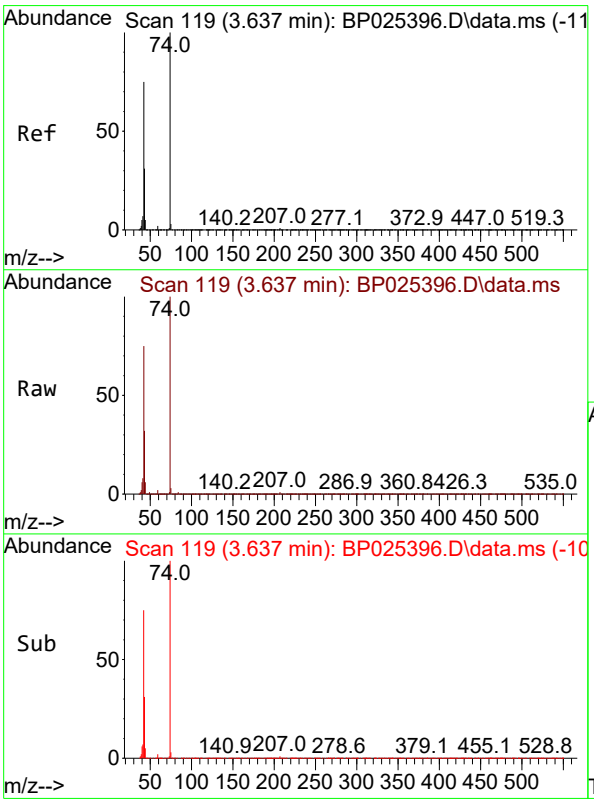
Ion	Ratio	Lower	Upper
79	100		
52	69.4	55.5	83.3
51	35.4	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

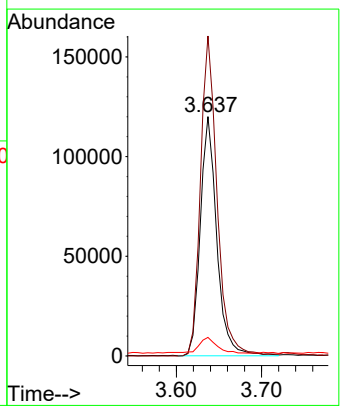
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

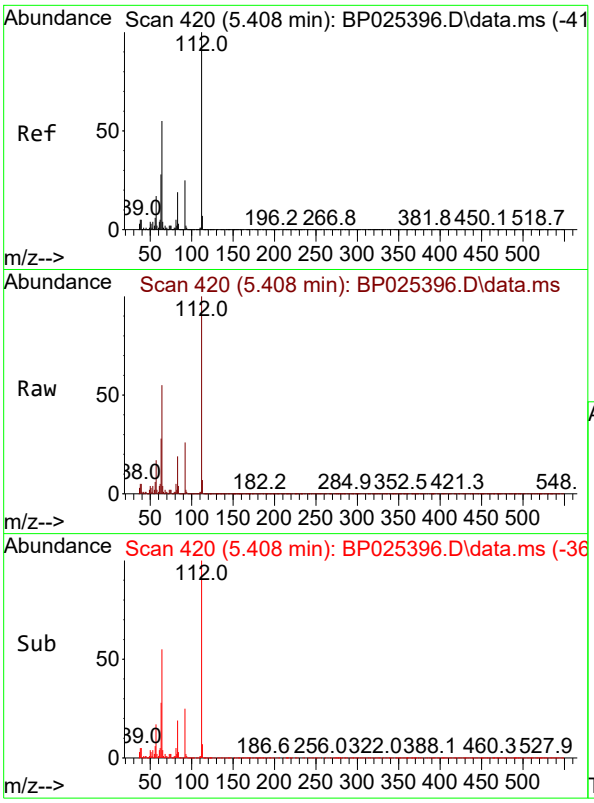


#4
n-Nitrosodimethylamine
Concen: 38.421 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

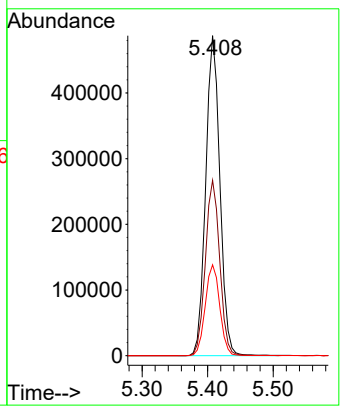




#5
2-Fluorophenol
Concen: 77.209 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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ClientSampleId :
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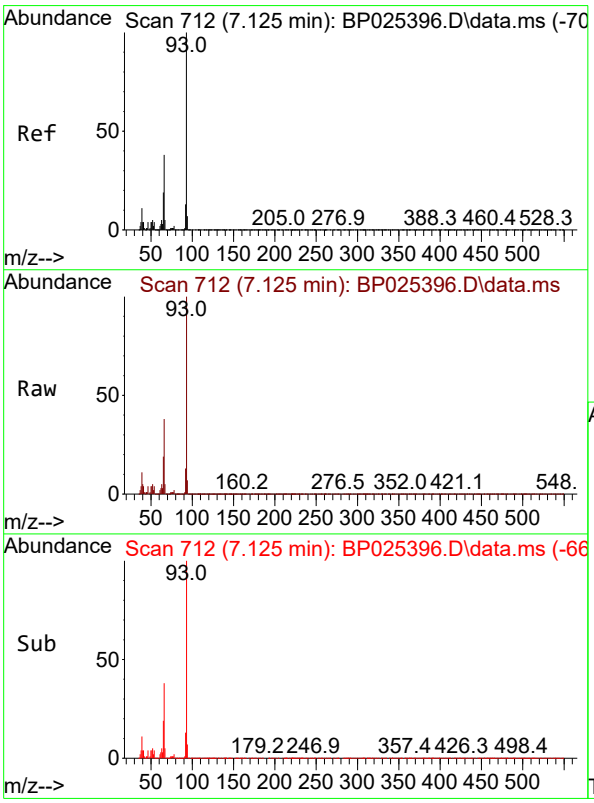
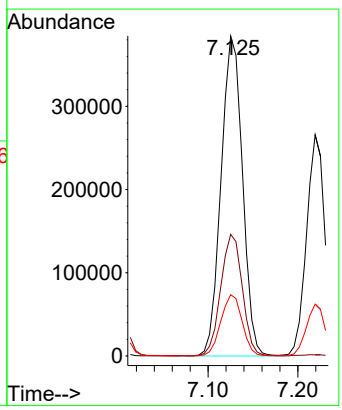
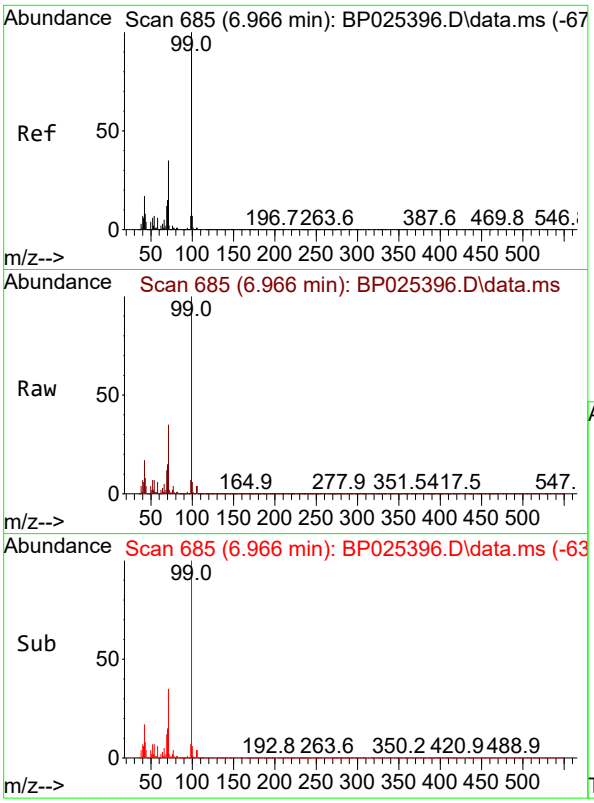


#6
Aniline
Concen: 38.842 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

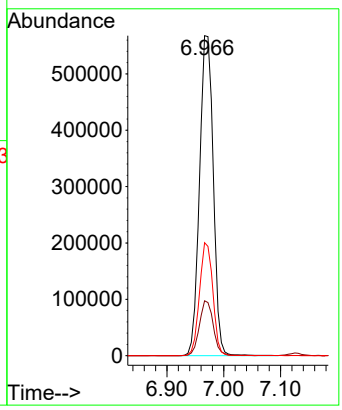




#7
Phenol-d6
Concen: 78.381 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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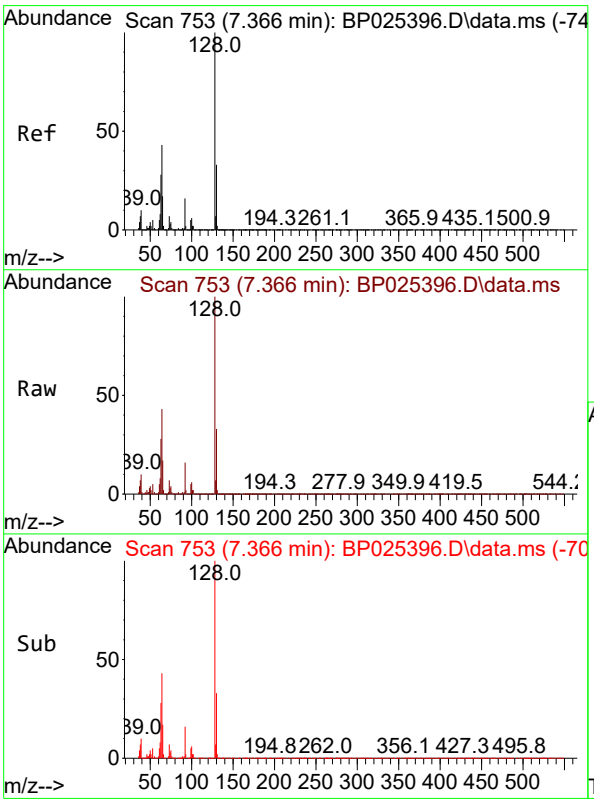
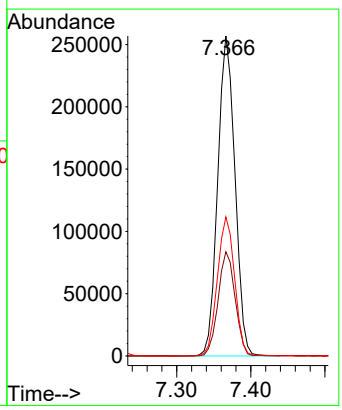
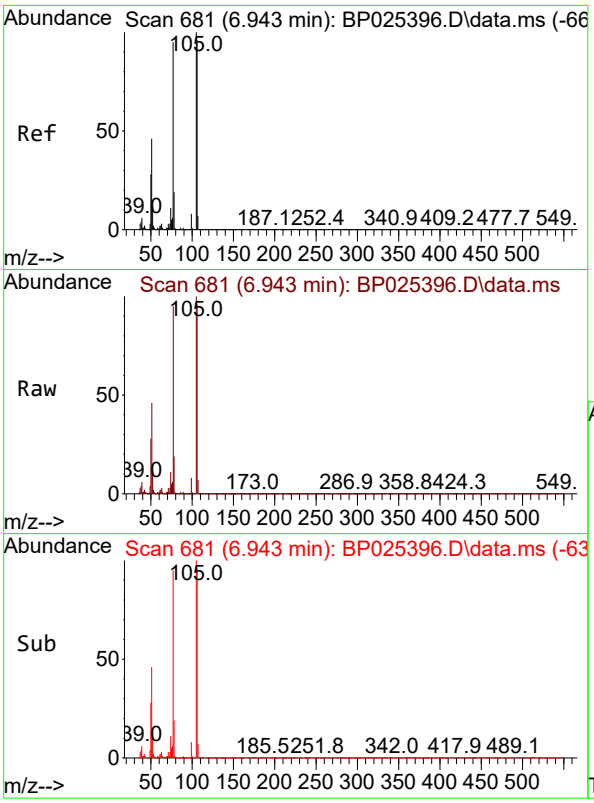


#8
2-Chlorophenol
Concen: 38.655 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

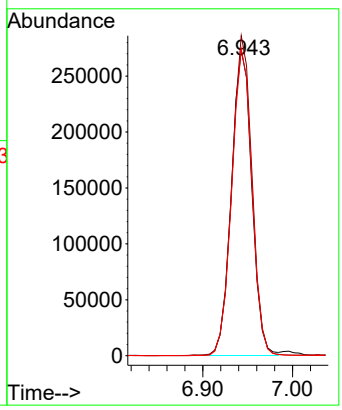




#9
Benzaldehyde
Concen: 50.493 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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



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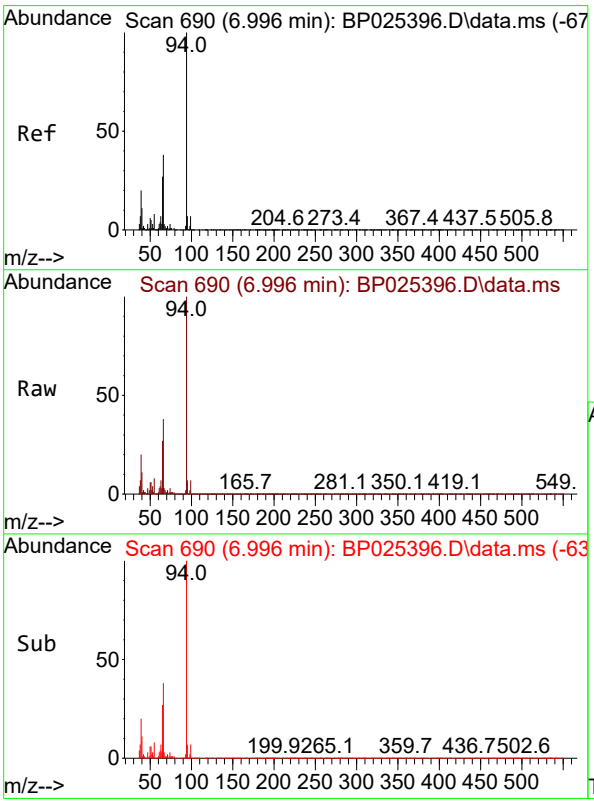
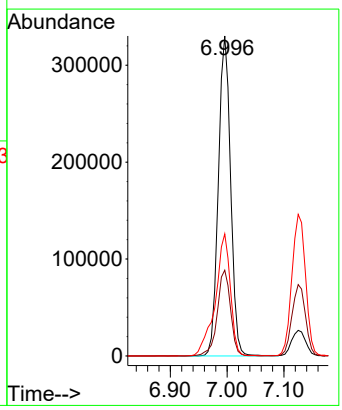
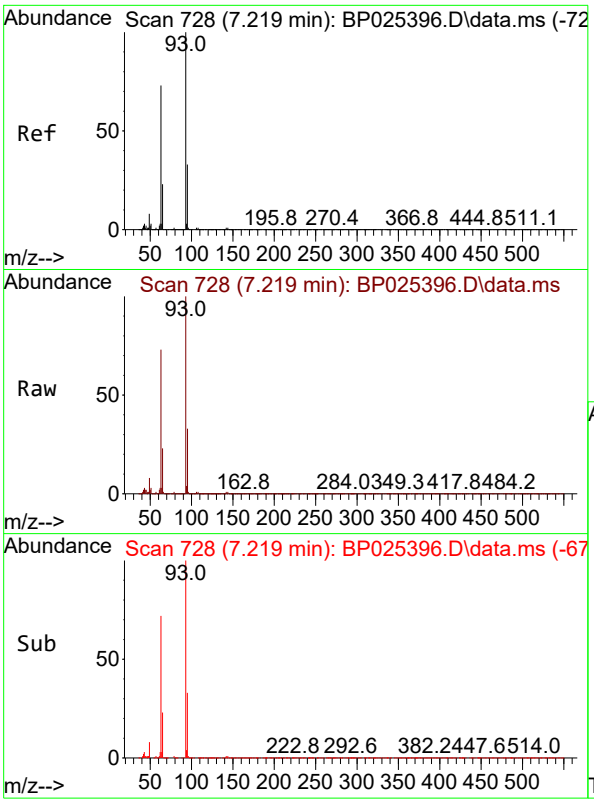


#10
Phenol
Concen: 38.884 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

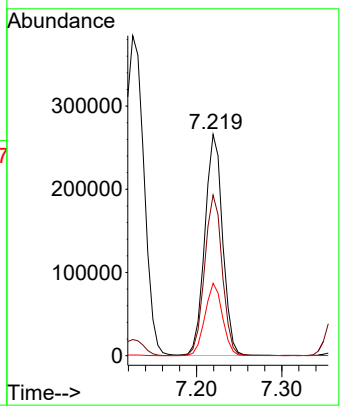




#11
bis(2-Chloroethyl)ether
Concen: 38.698 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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ClientSampleId :
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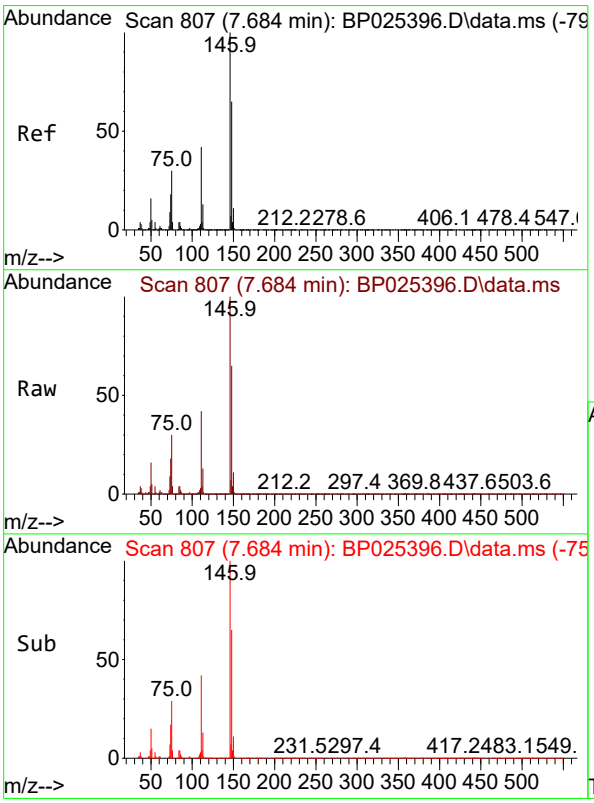
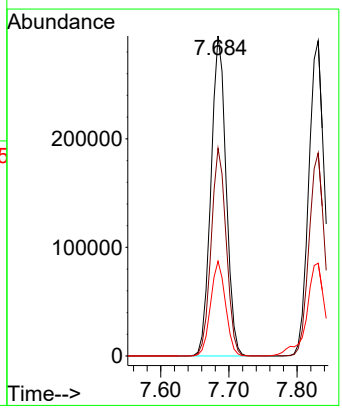
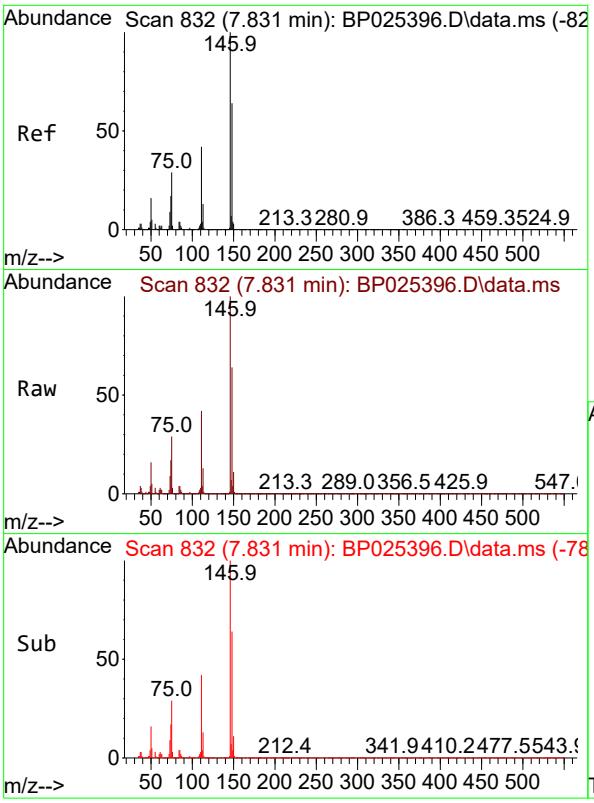


#12
1,3-Dichlorobenzene
Concen: 38.523 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

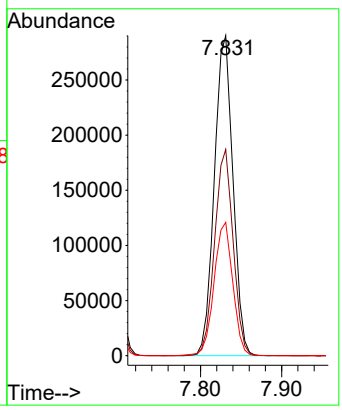




#13
1,4-Dichlorobenzene
Concen: 38.319 ng
RT: 7.831 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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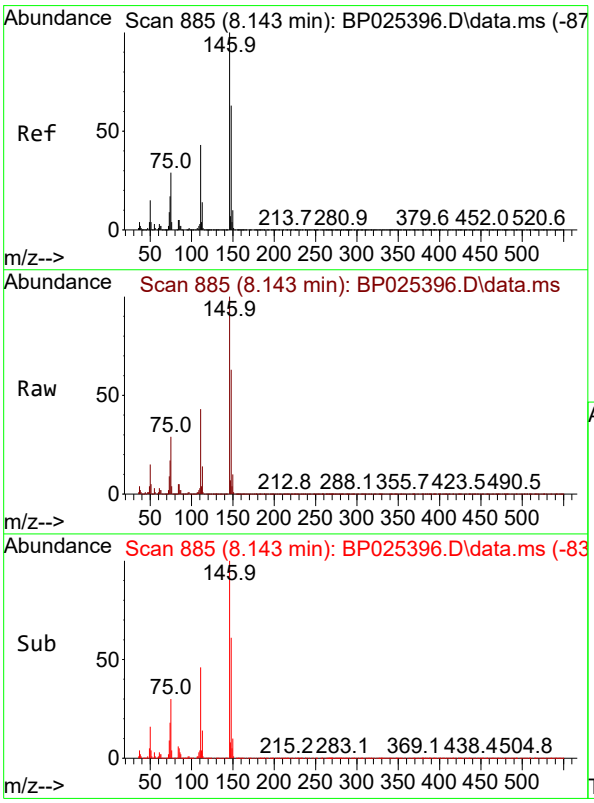
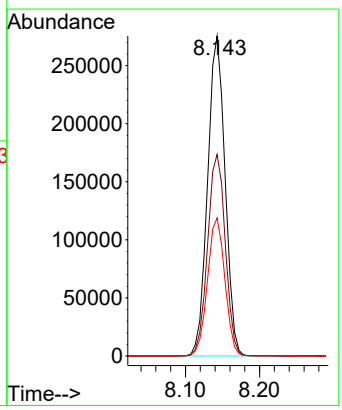
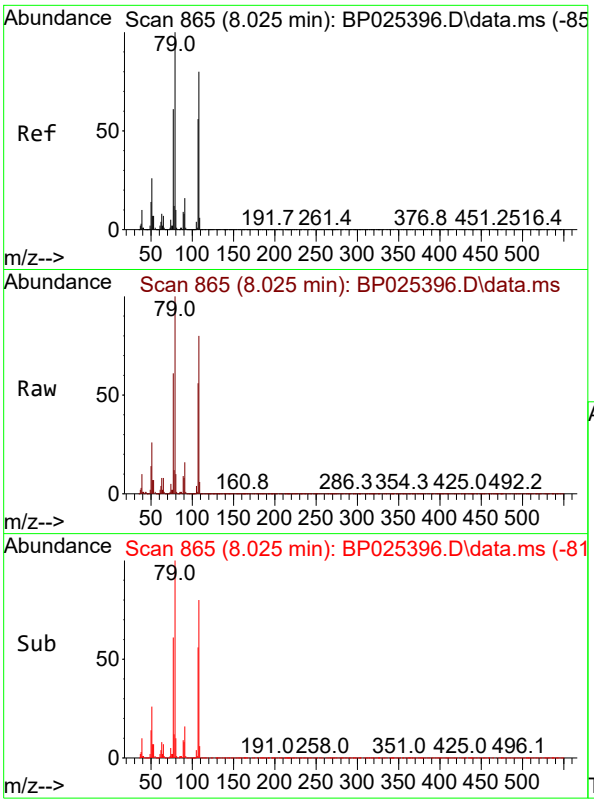


#14
1,2-Dichlorobenzene
Concen: 38.602 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

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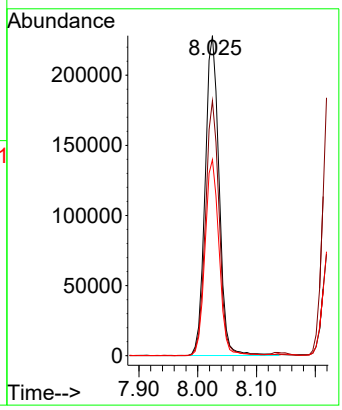
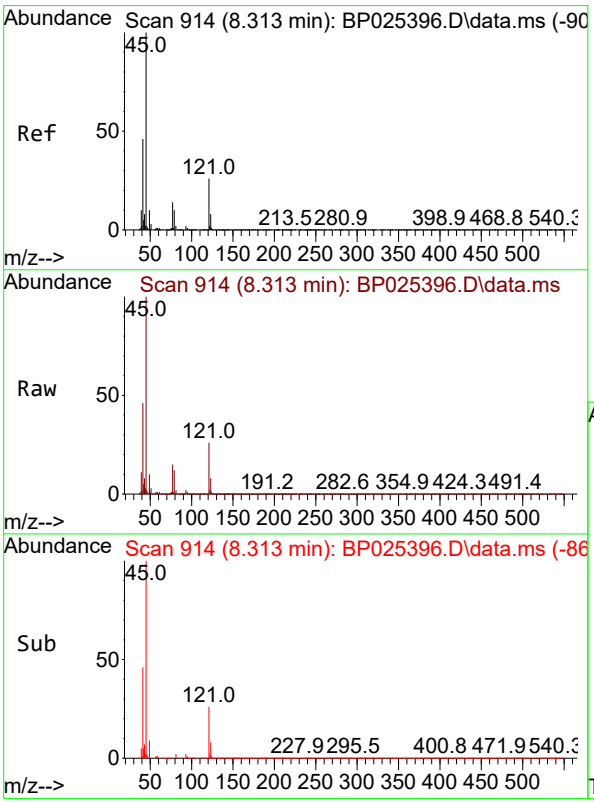
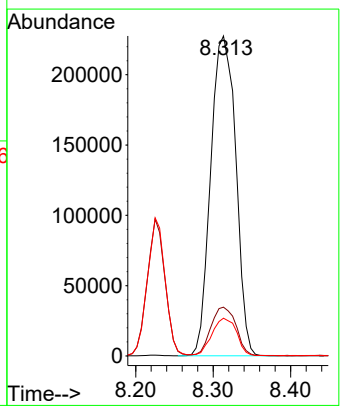


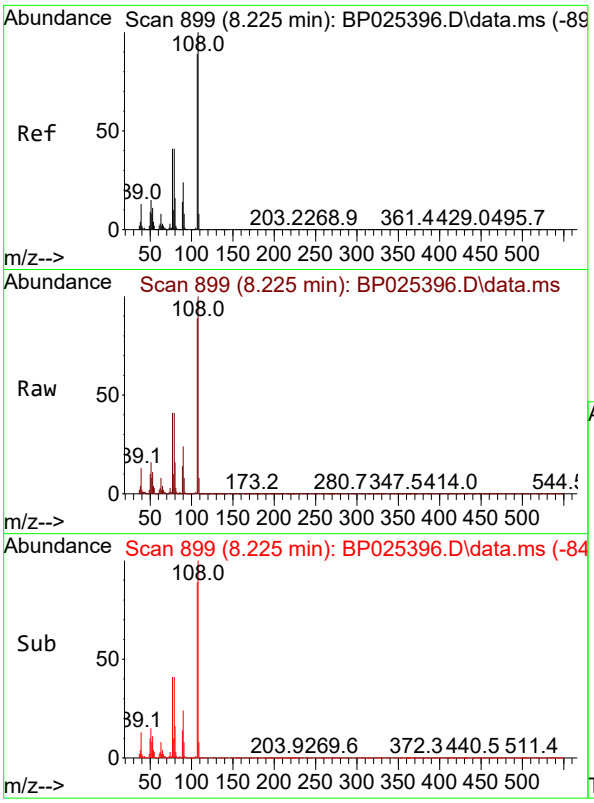


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.308 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

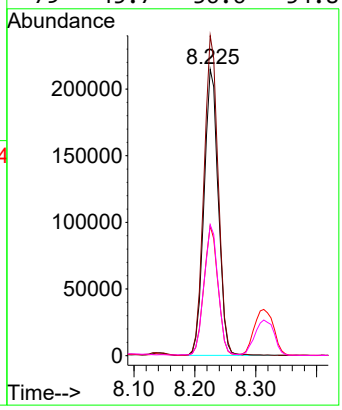




#17
2-Methylphenol
Concen: 39.369 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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



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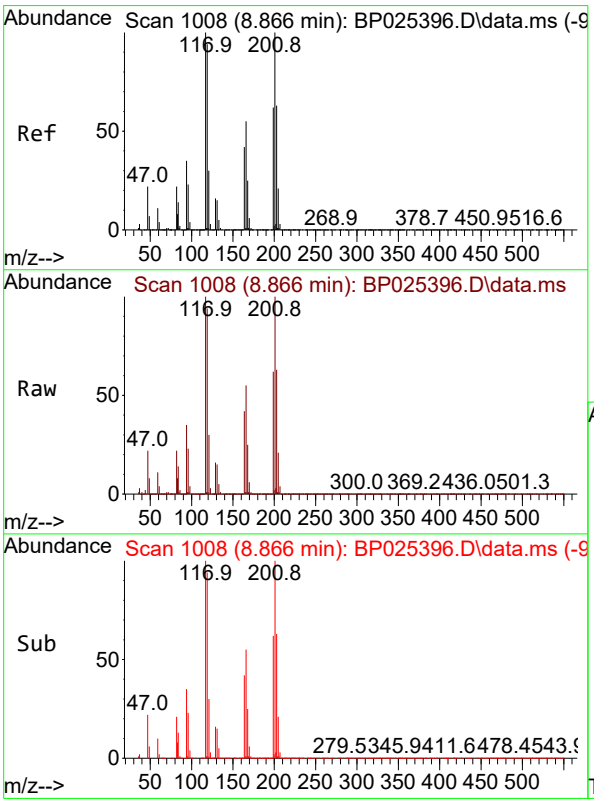
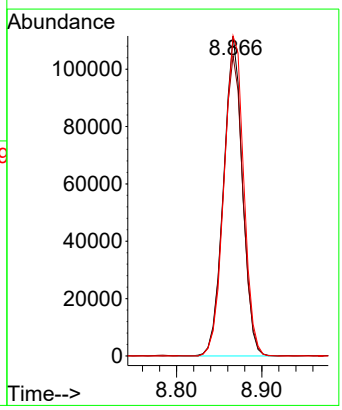
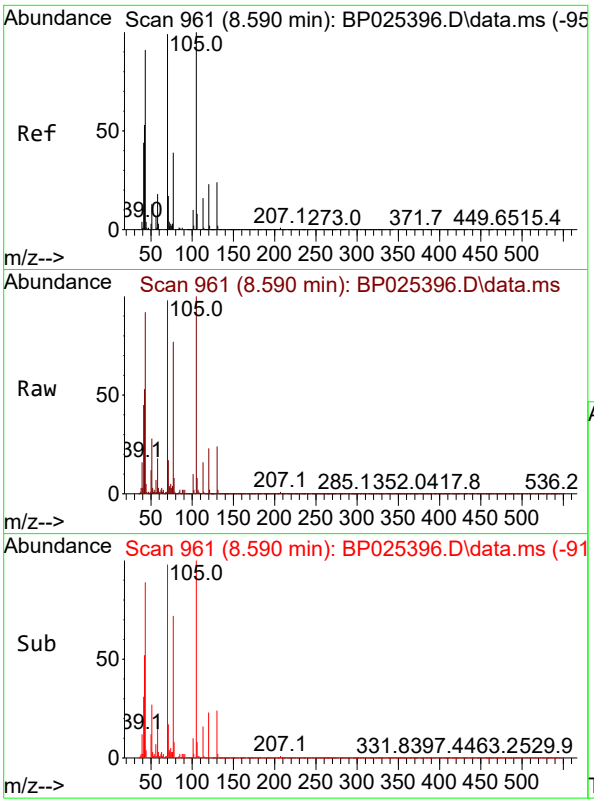


#18
Hexachloroethane
Concen: 38.712 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

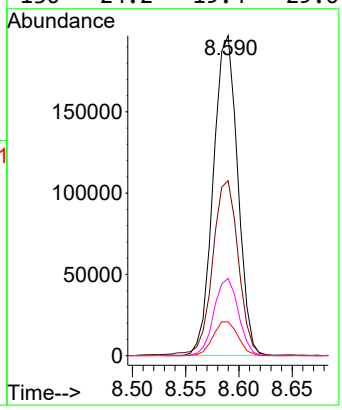




#19
n-Nitroso-di-n-propylamine
Concen: 38.737 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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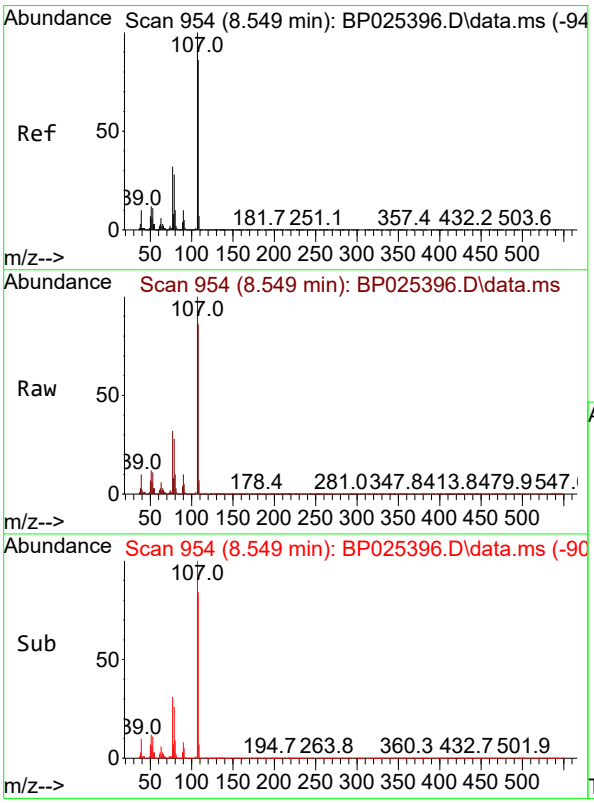
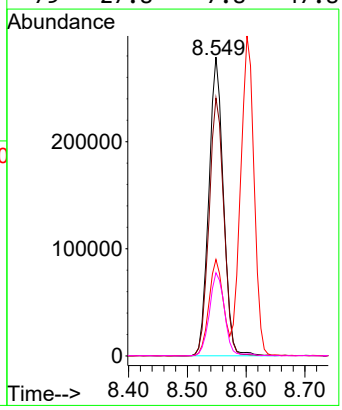
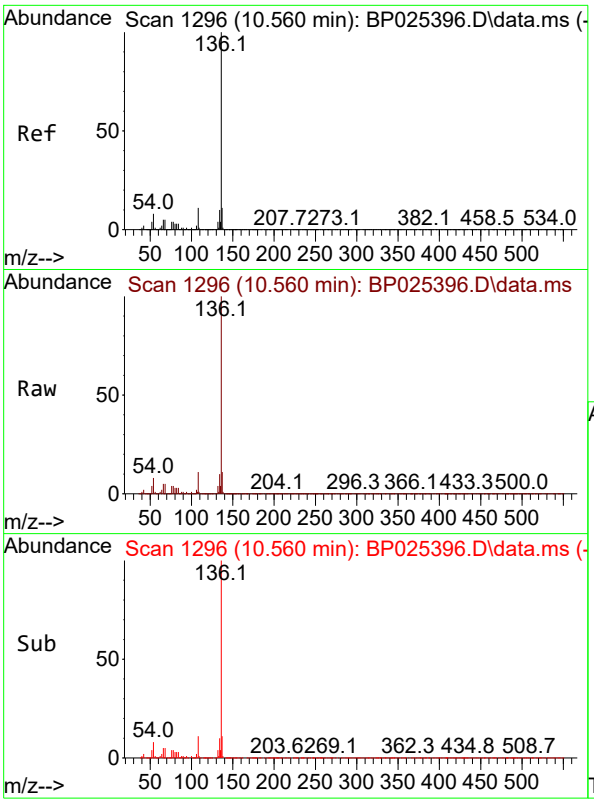


#20
3+4-Methylphenols
Concen: 39.121 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

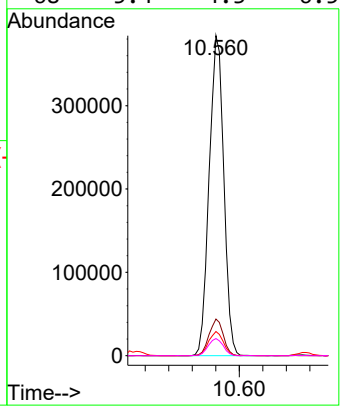




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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



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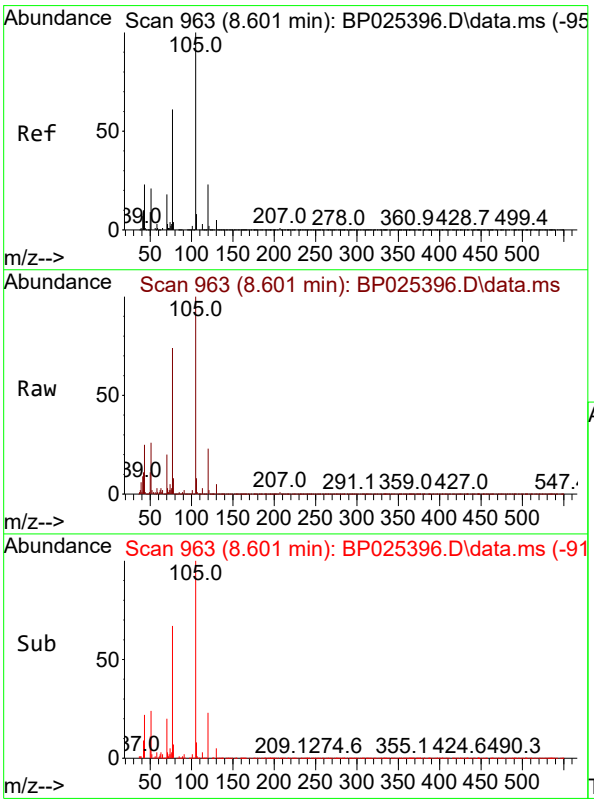
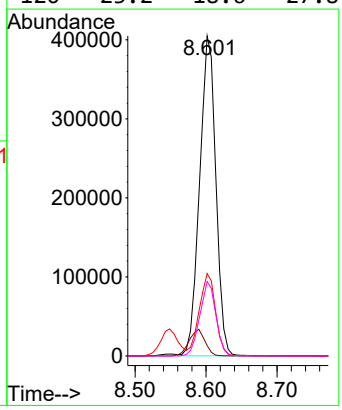
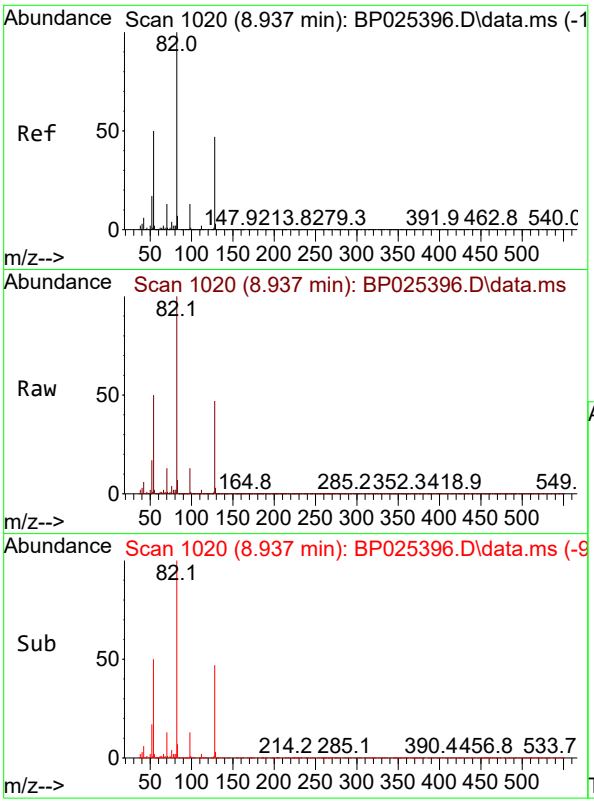


#22
Acetophenone
Concen: 38.708 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

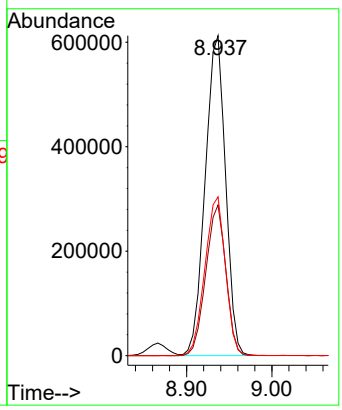




#23
Nitrobenzene-d5
Concen: 77.420 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
BNA_P
ClientSampleId :
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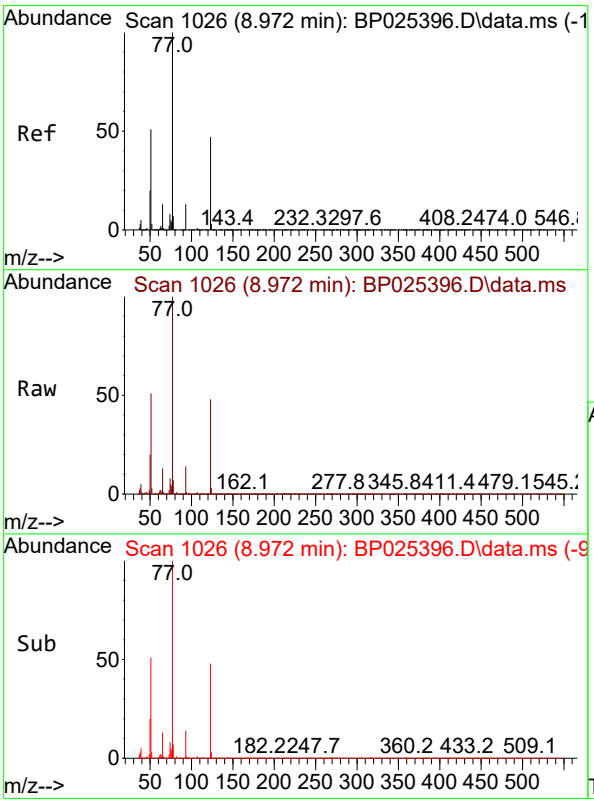
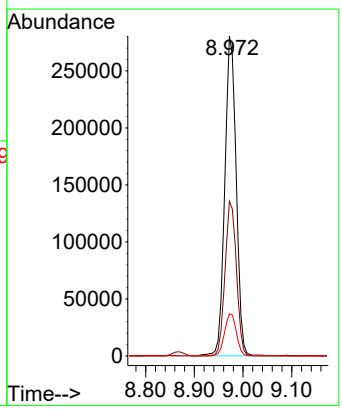
Supervised By :Jagrut Upadhyay 08/15/2025

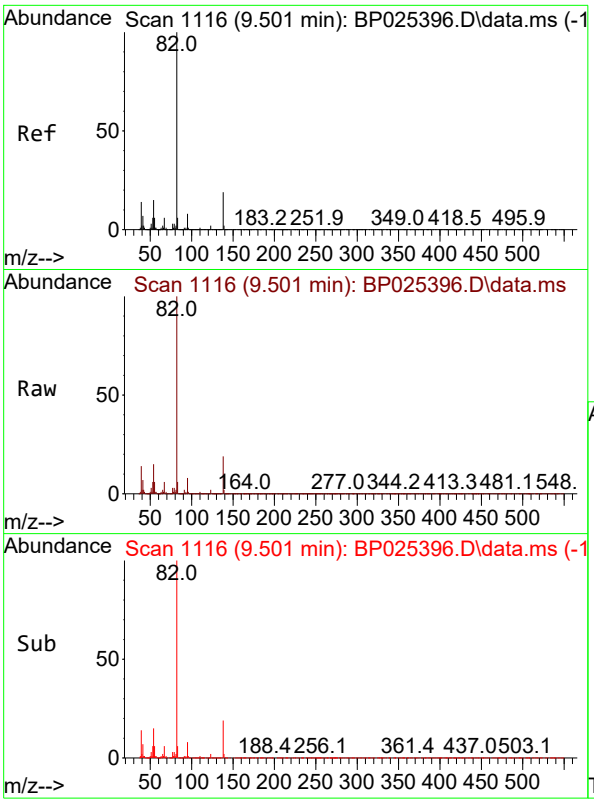


#24
Nitrobenzene
Concen: 38.997 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

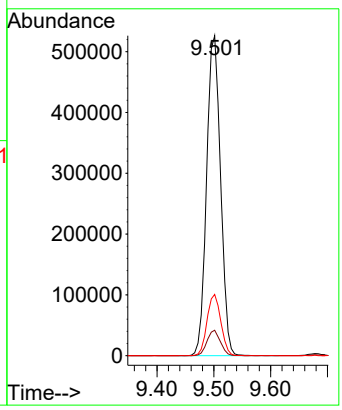




#25
Isophorone
Concen: 38.510 ng
RT: 9.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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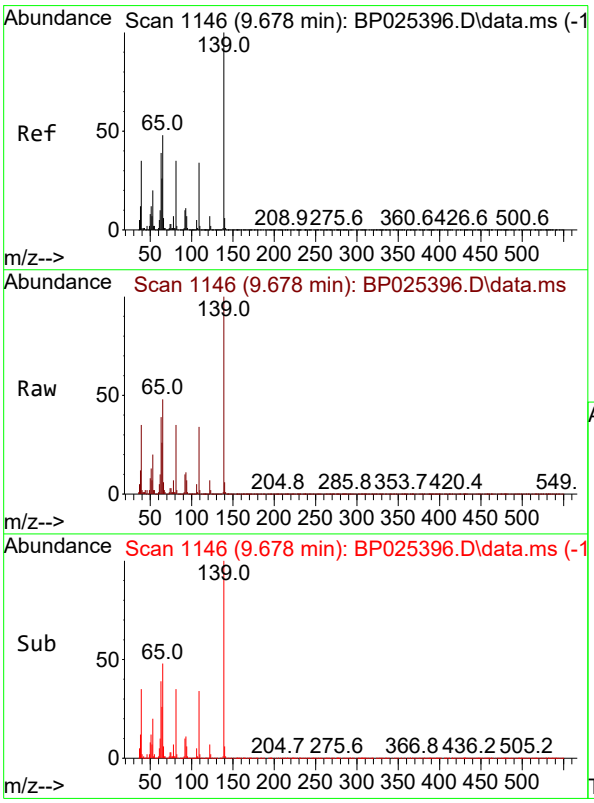
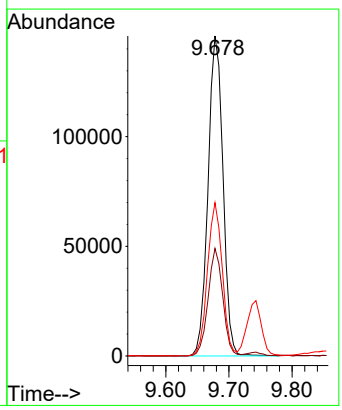
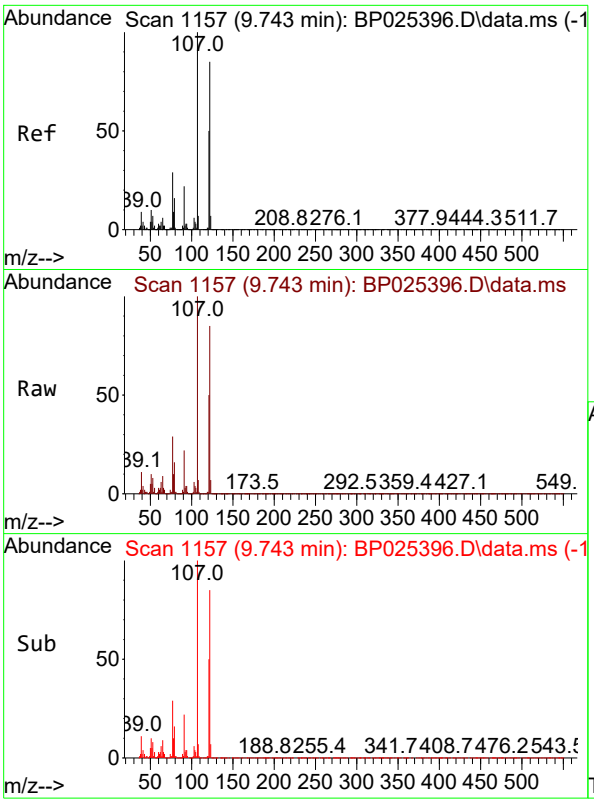


#26
2-Nitrophenol
Concen: 39.837 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

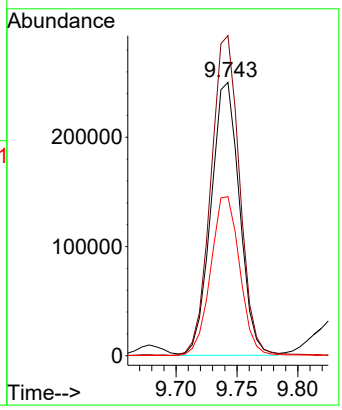




#27
2,4-Dimethylphenol
Concen: 39.489 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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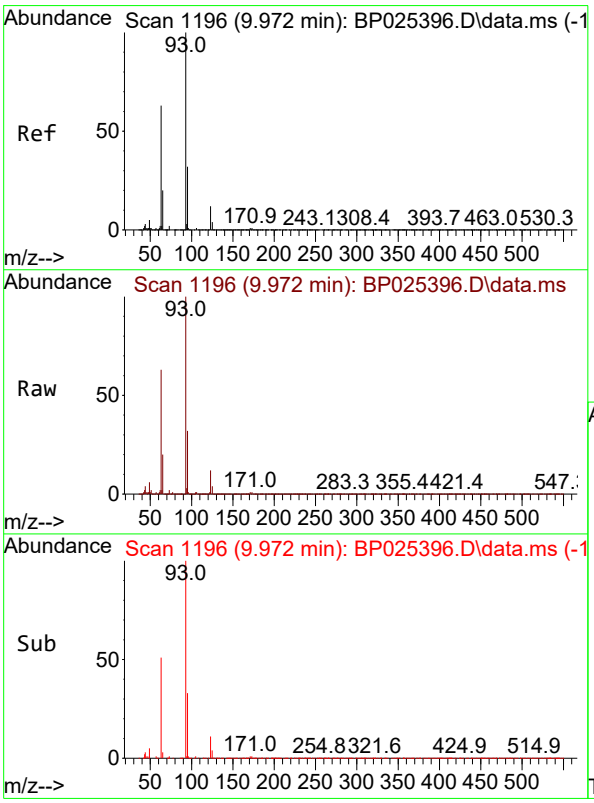
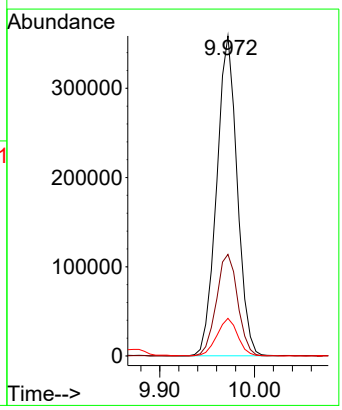
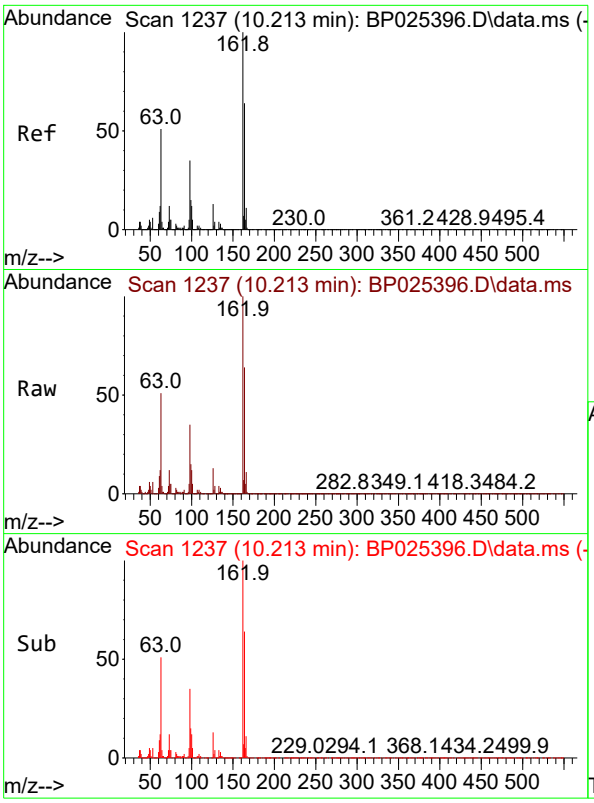


#28
bis(2-Chloroethoxy)methane
Concen: 38.502 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

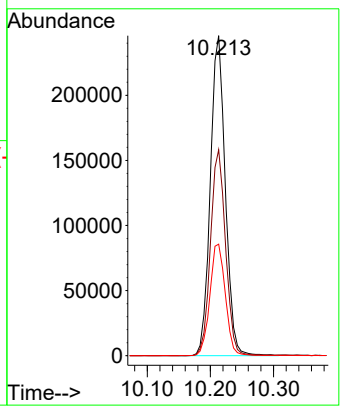




#29
2,4-Dichlorophenol
Concen: 39.427 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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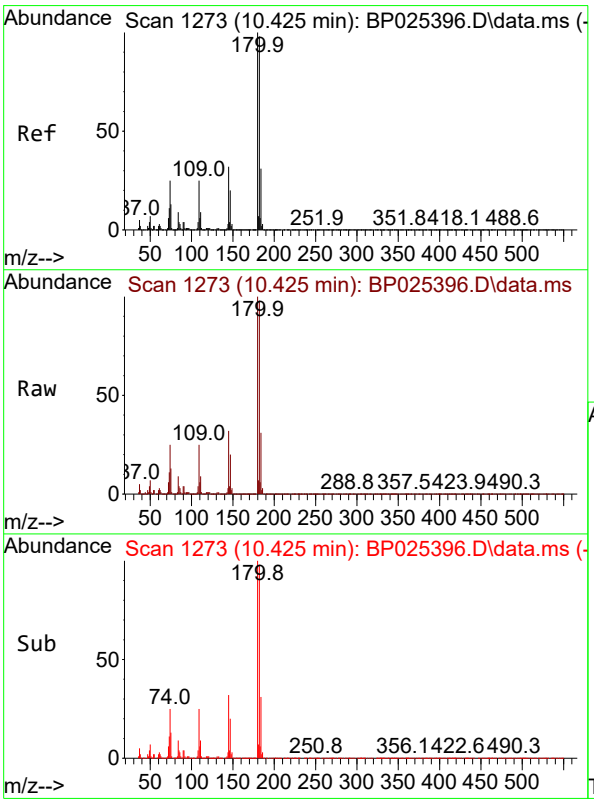
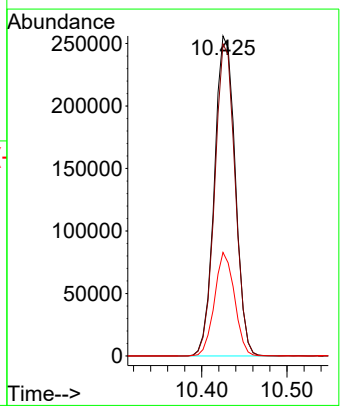
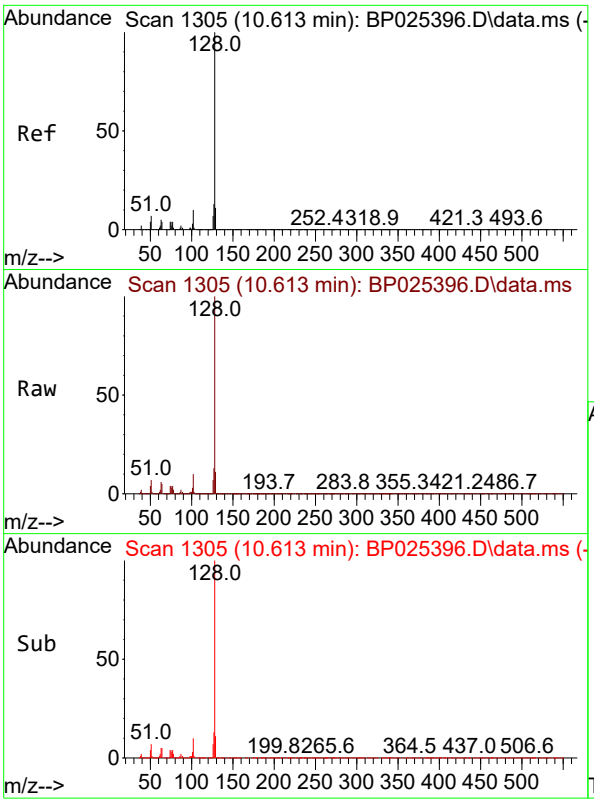


#30
1,2,4-Trichlorobenzene
Concen: 38.529 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

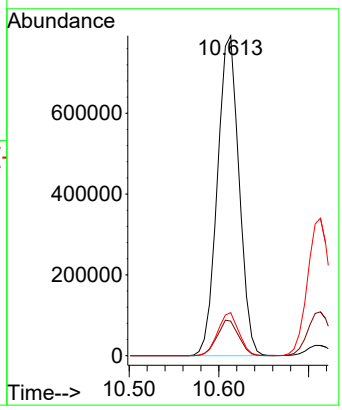




#31
Naphthalene
Concen: 38.472 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
BNA_P
ClientSampleId :
SSTDICCC040

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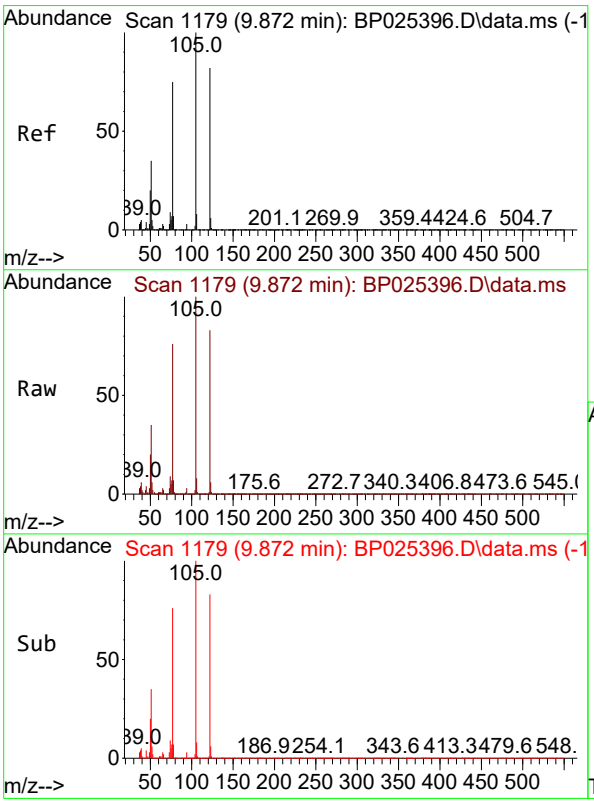
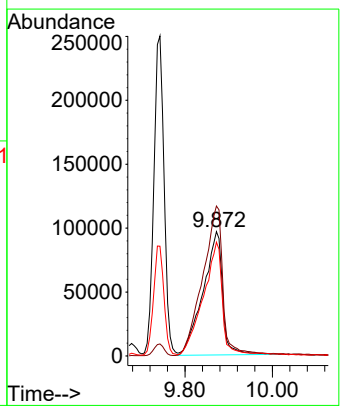
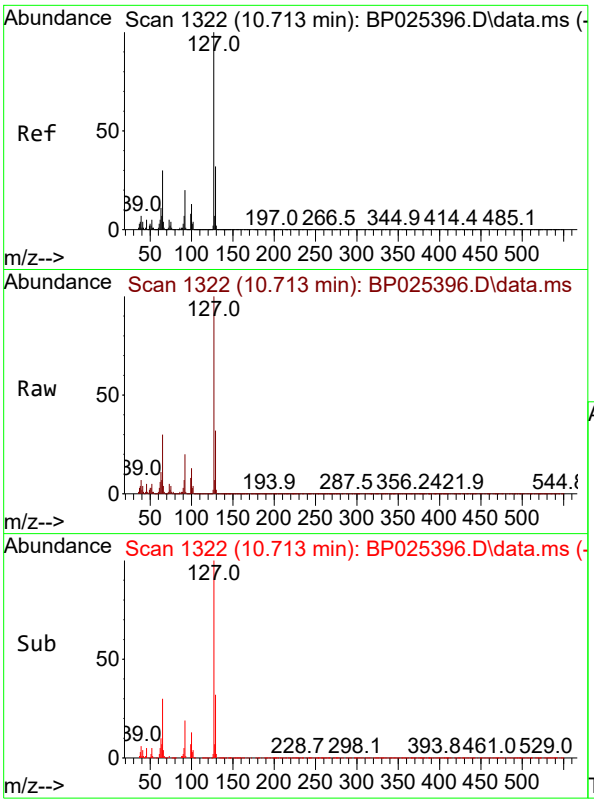


#32
Benzoic acid
Concen: 39.537 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

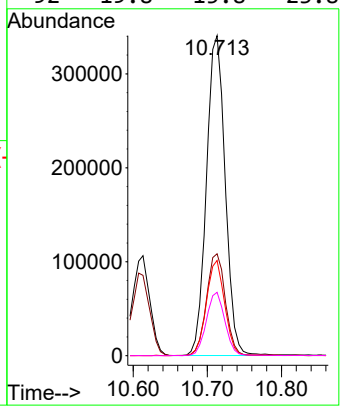




#33
4-Chloroaniline
Concen: 39.350 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
BNA_P
ClientSampleId :
SSTDICCC040

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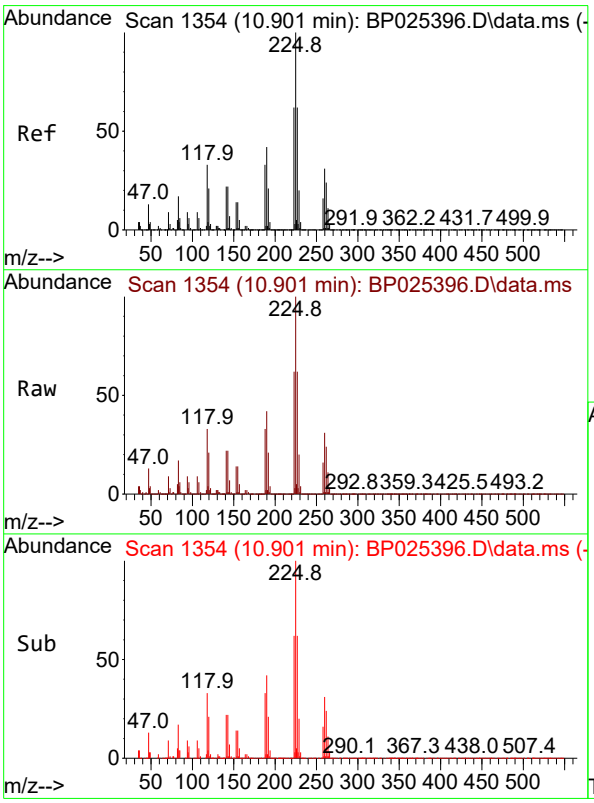
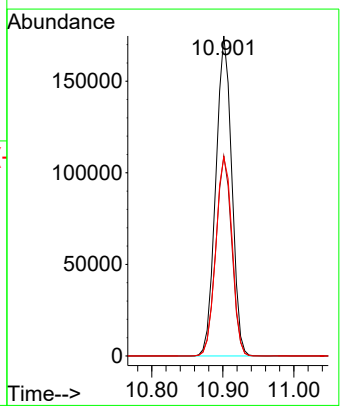
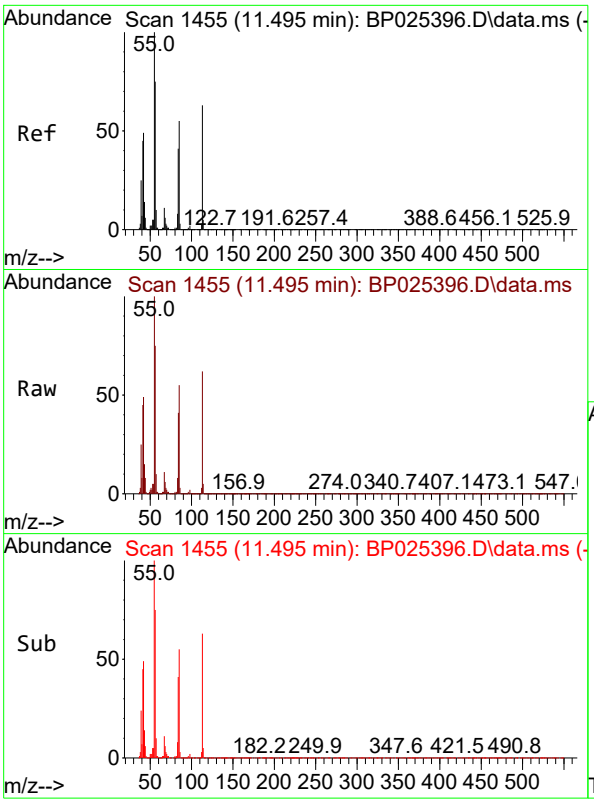


#34
Hexachlorobutadiene
Concen: 38.700 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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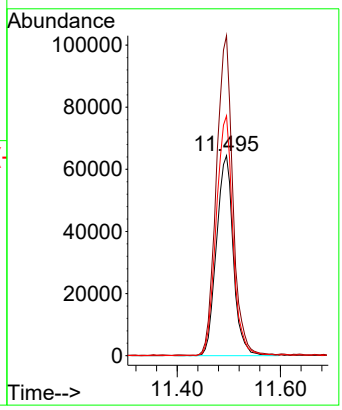
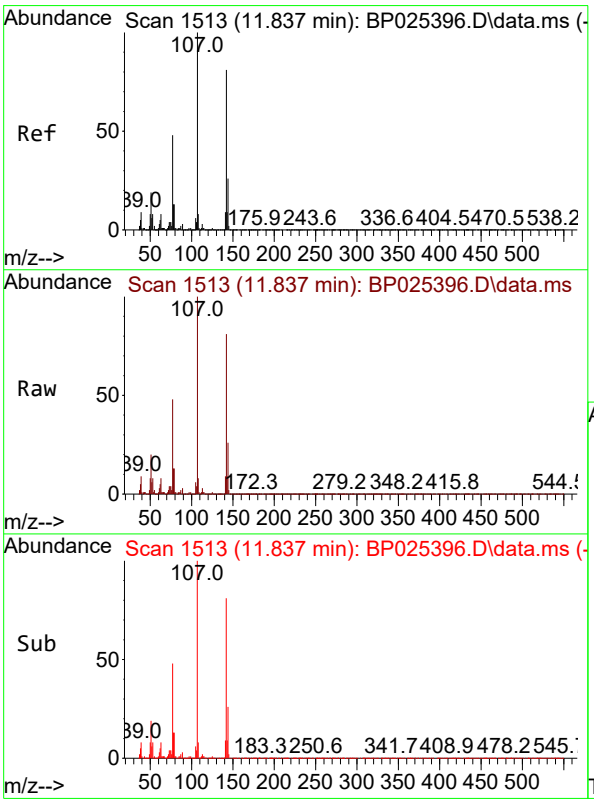
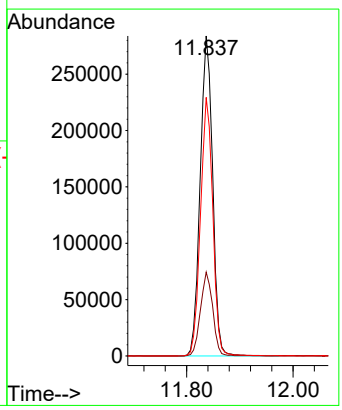


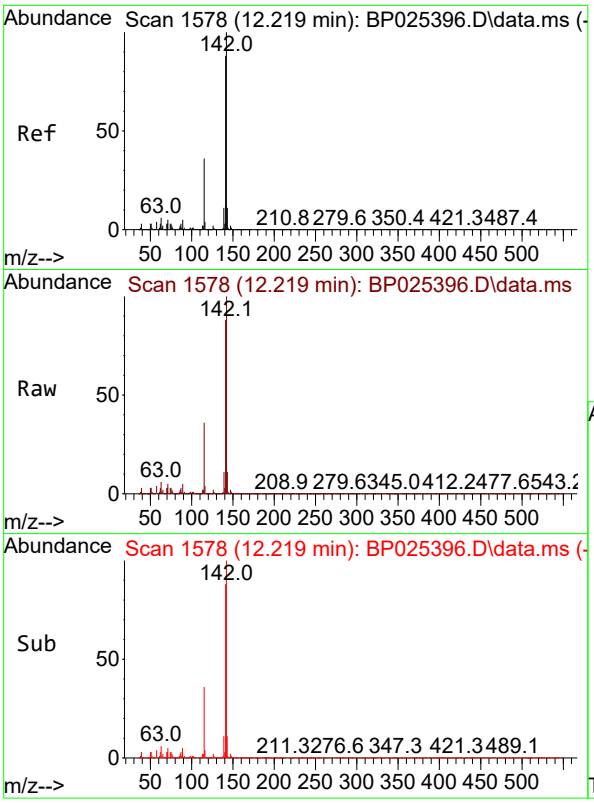


#36
4-Chloro-3-methylphenol
Concen: 38.959 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

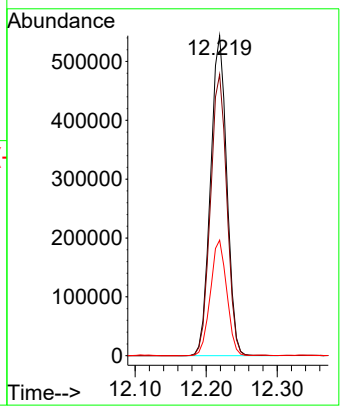




#37
2-Methylnaphthalene
Concen: 38.559 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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ClientSampleId :
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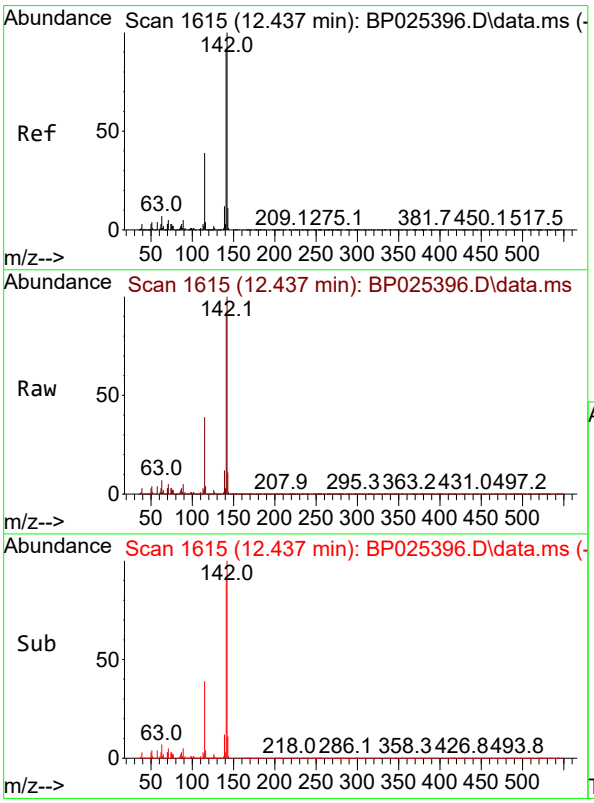
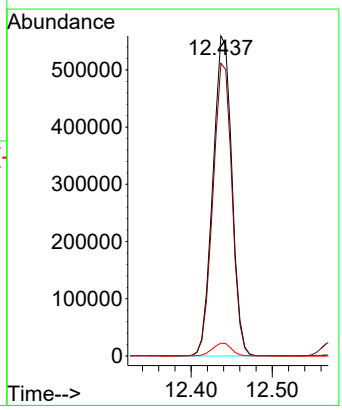
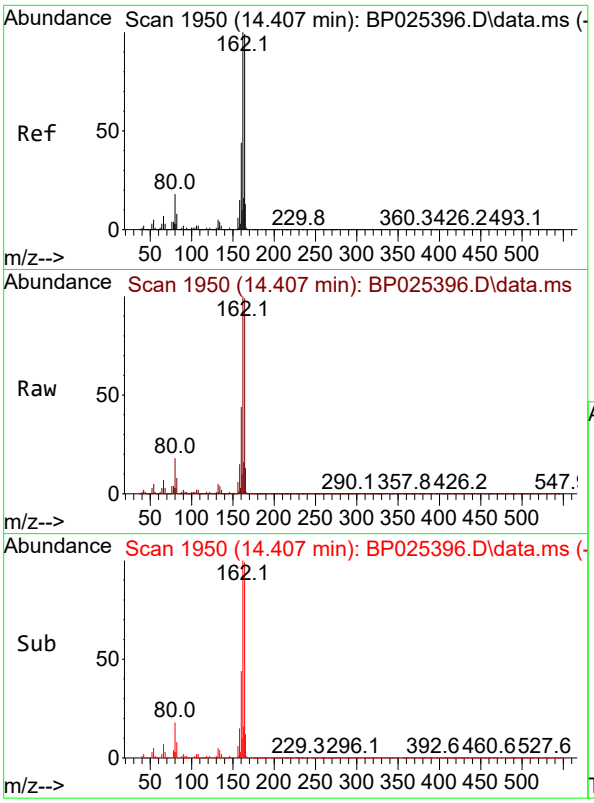


#38
1-Methylnaphthalene
Concen: 38.120 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

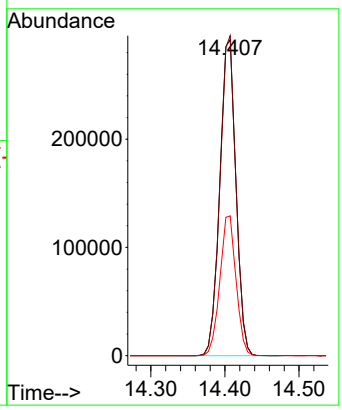




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
BNA_P
ClientSampleId :
SSTDICCC040

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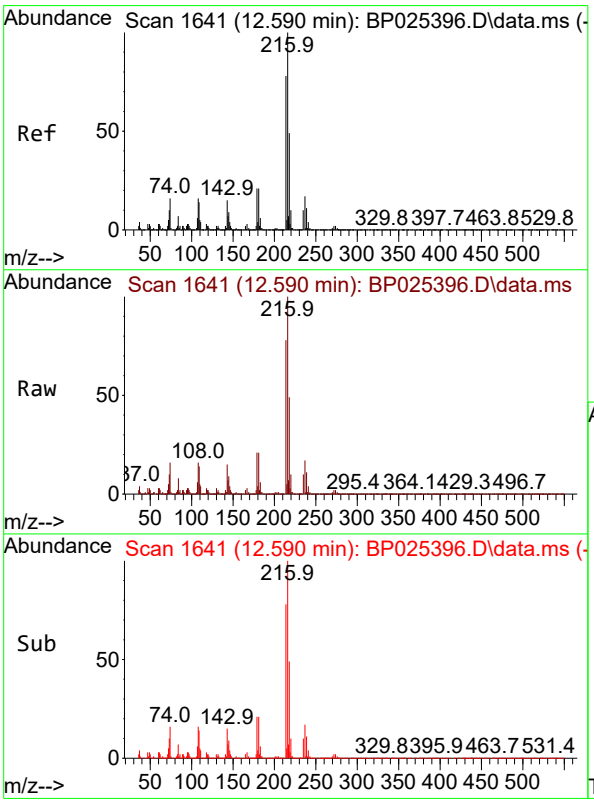
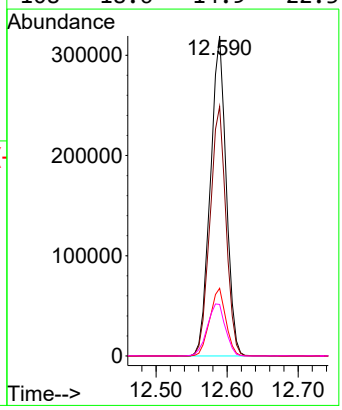
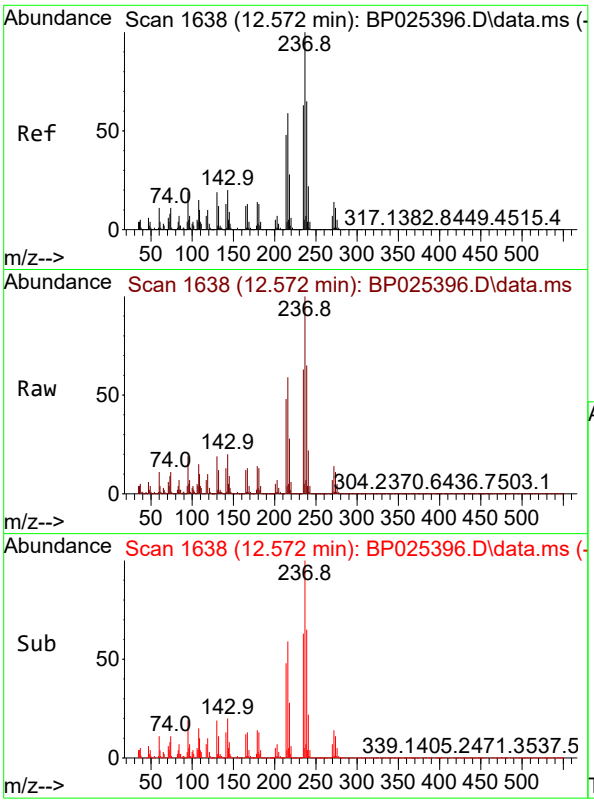


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.787 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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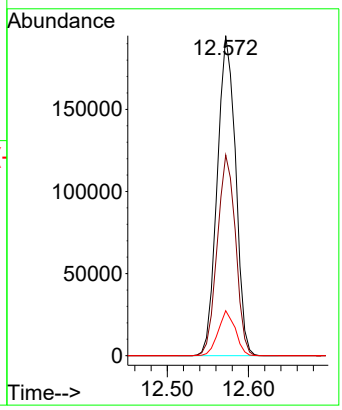
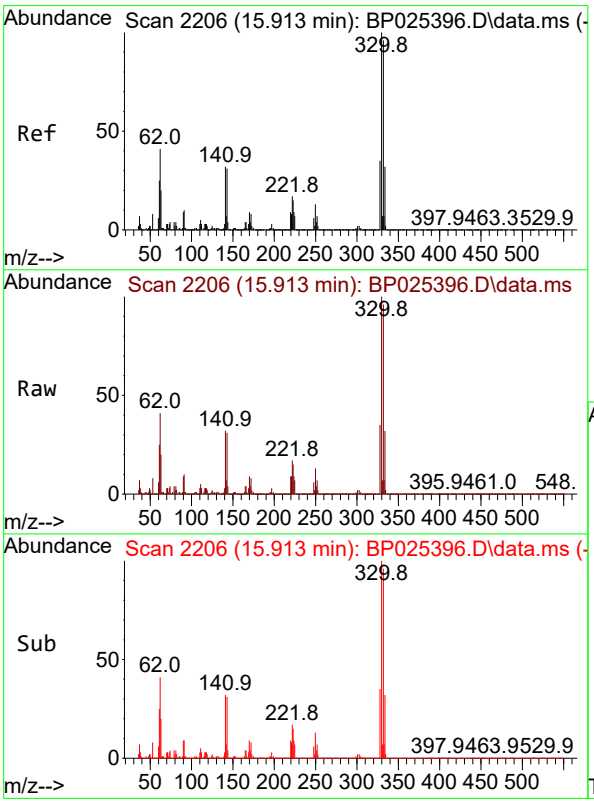
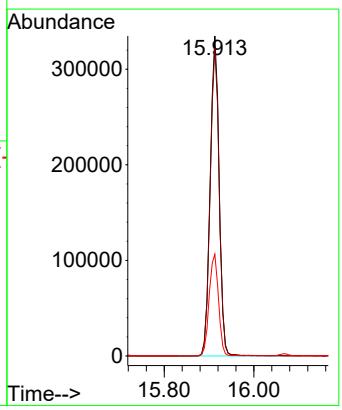


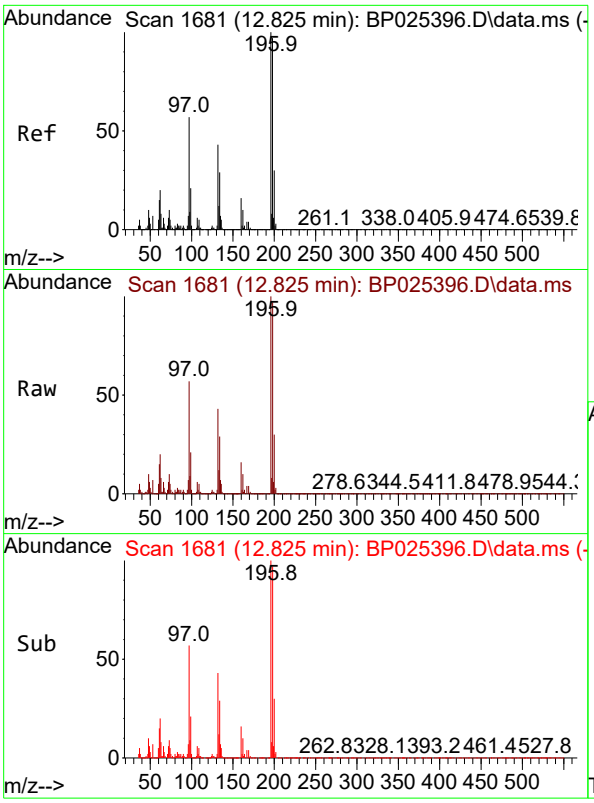


#42
2,4,6-Tribromophenol
Concen: 78.112 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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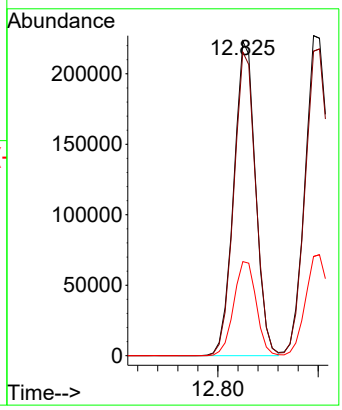
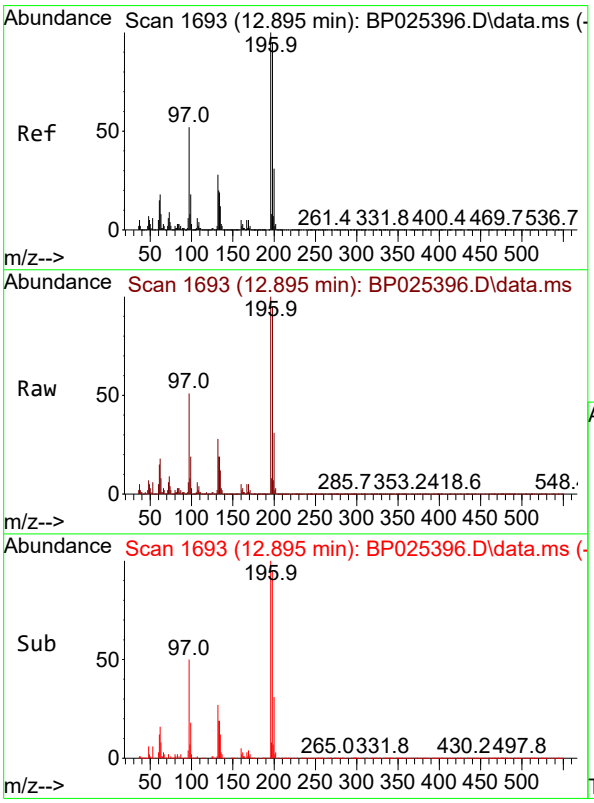
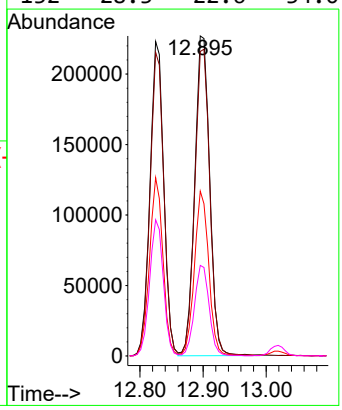


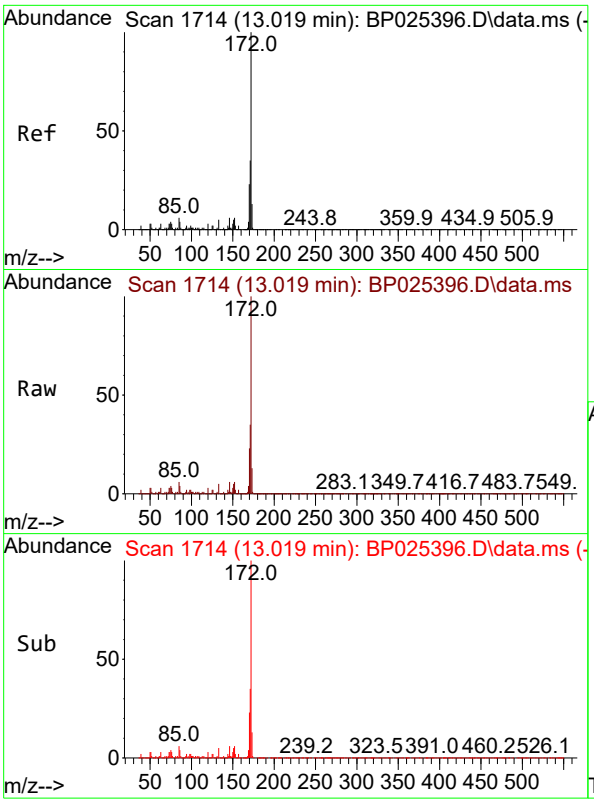


#44
2,4,5-Trichlorophenol
Concen: 39.664 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

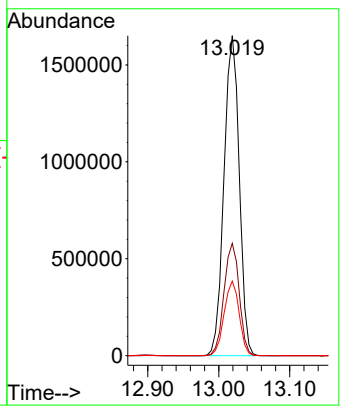




#45
2-Fluorobiphenyl
Concen: 76.118 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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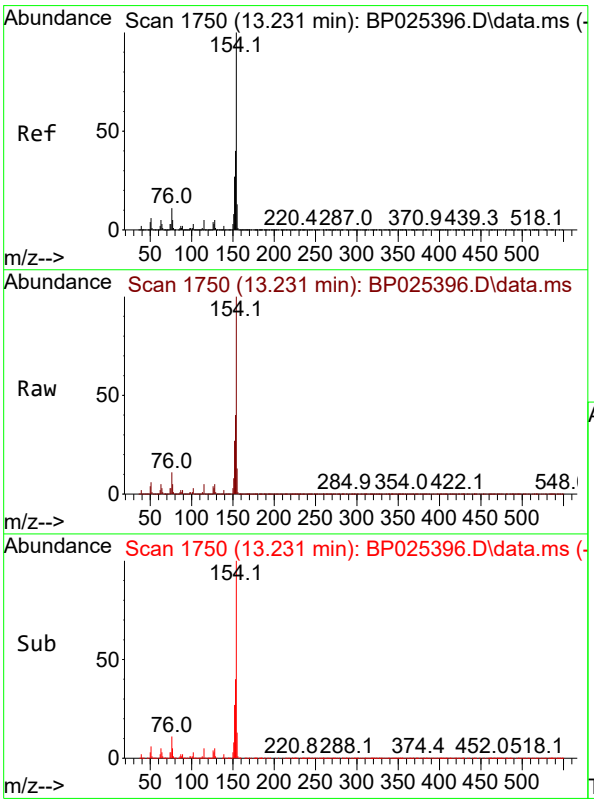
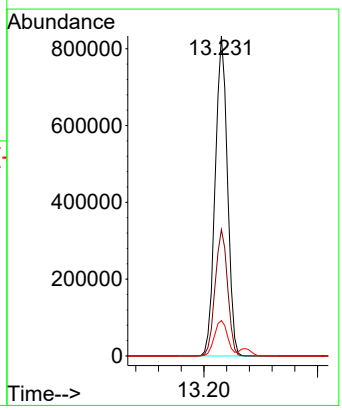
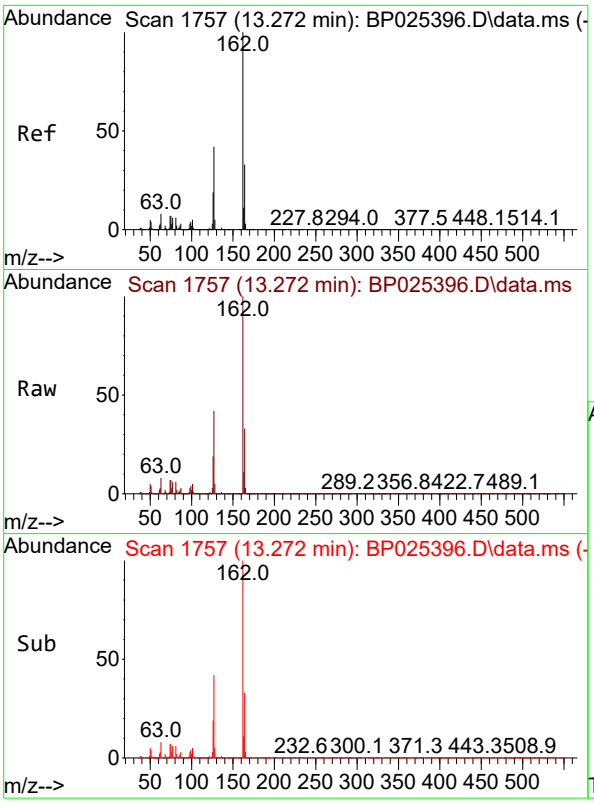


#46
1,1'-Biphenyl
Concen: 38.777 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

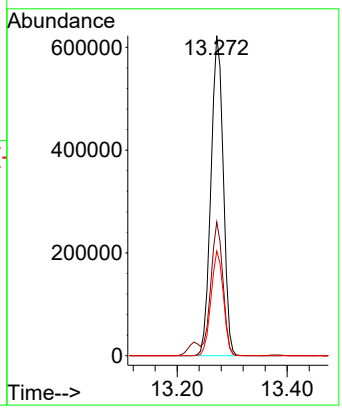




#47
2-Chloronaphthalene
Concen: 38.930 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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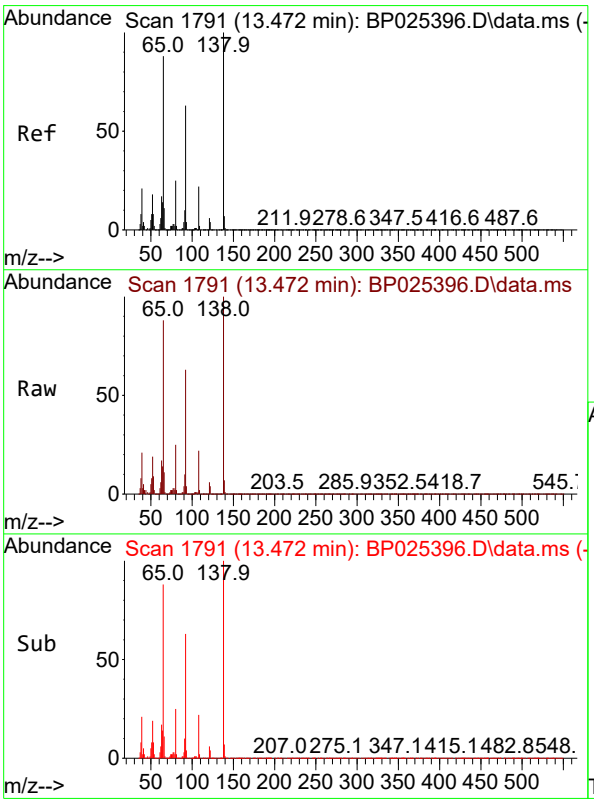
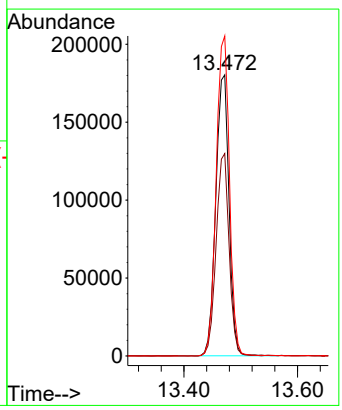
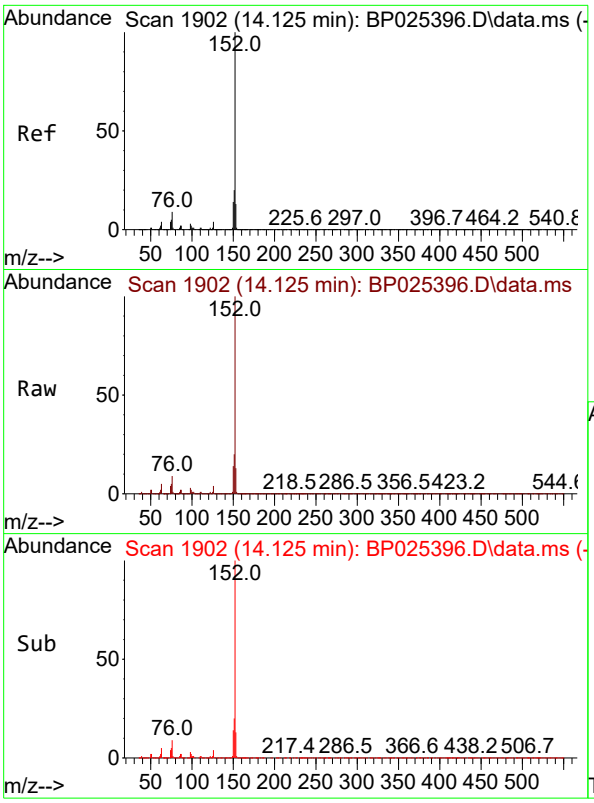


#48
2-Nitroaniline
Concen: 40.092 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

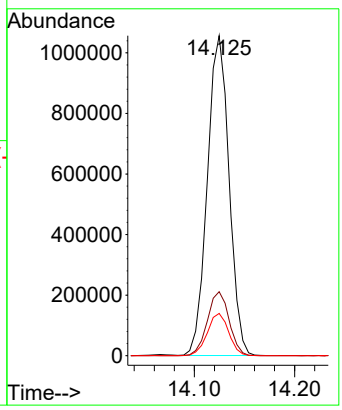




#49
Acenaphthylene
Concen: 38.617 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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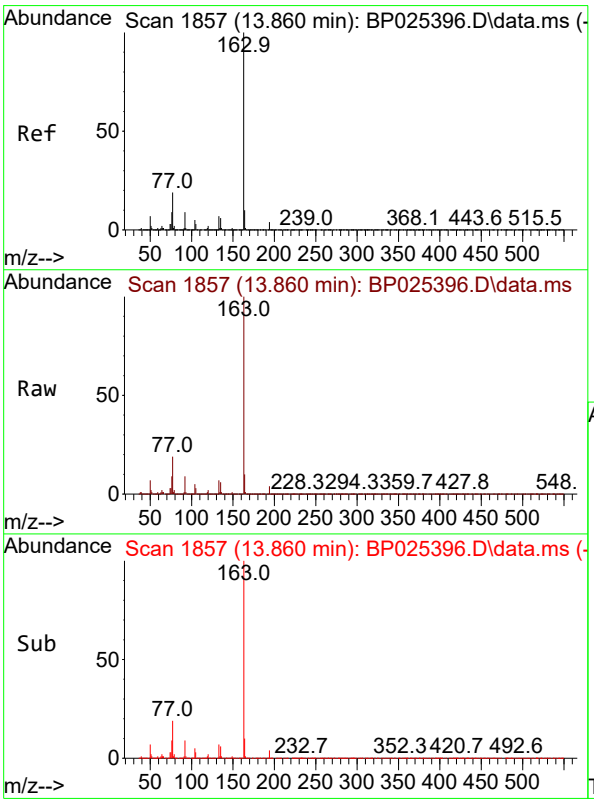
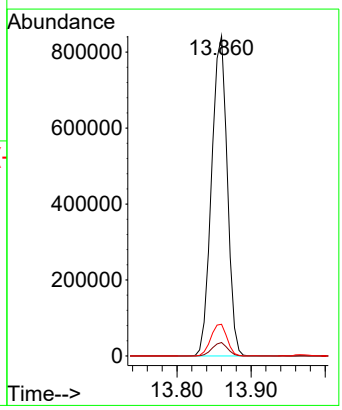
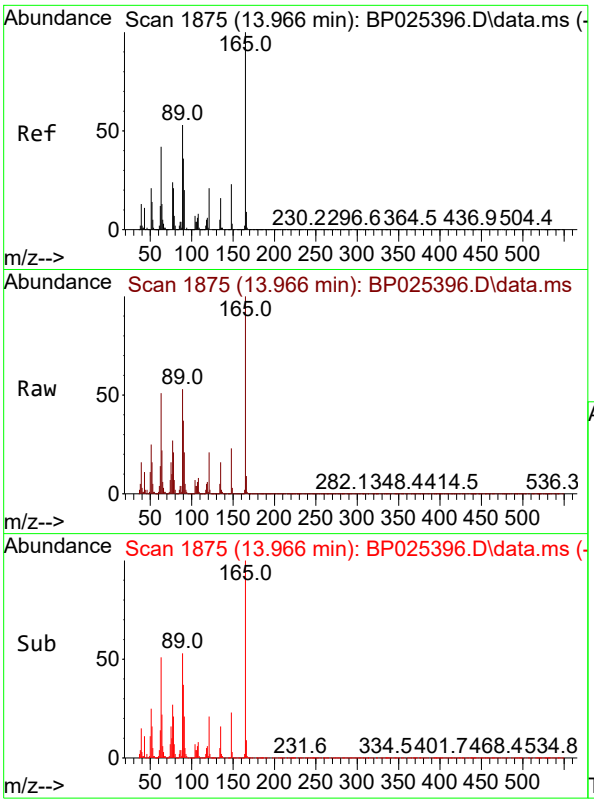


#50
Dimethylphthalate
Concen: 38.316 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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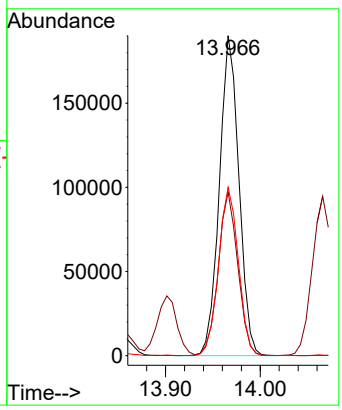
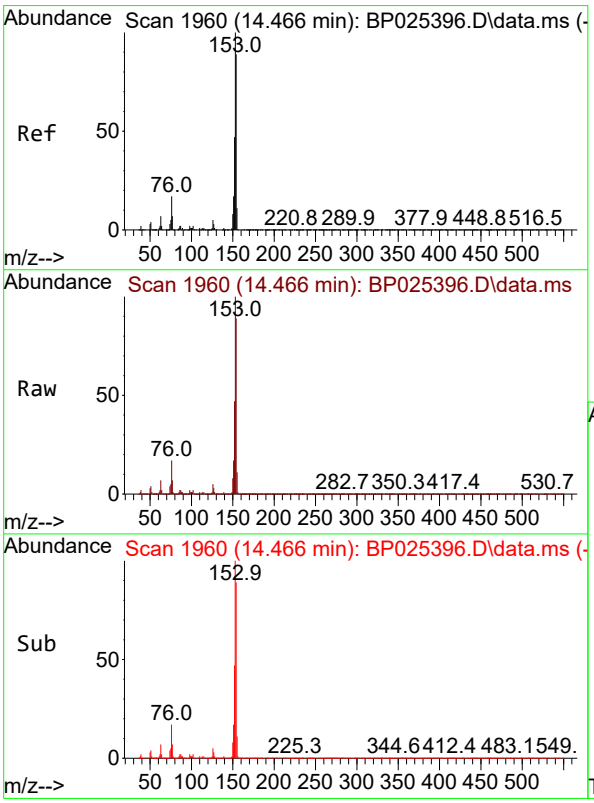
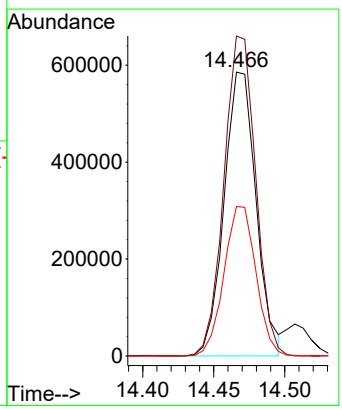


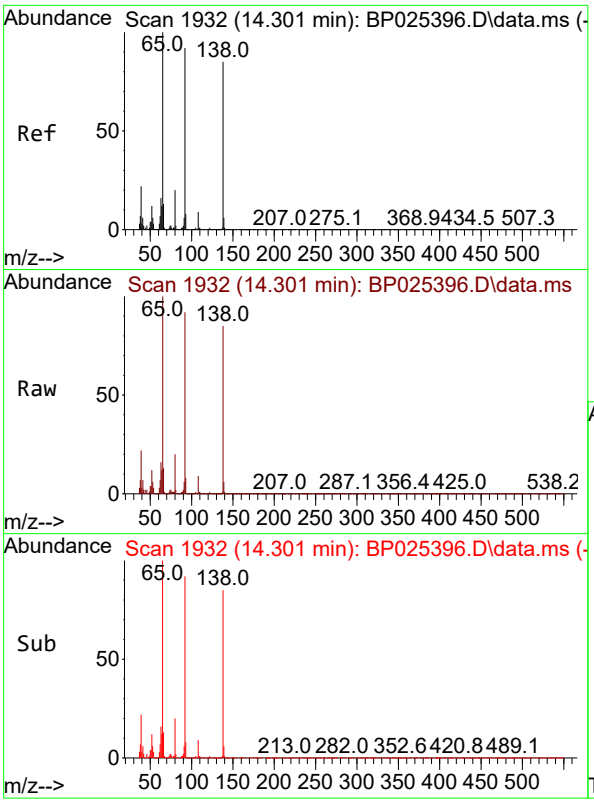


#52
Acenaphthene
Concen: 37.921 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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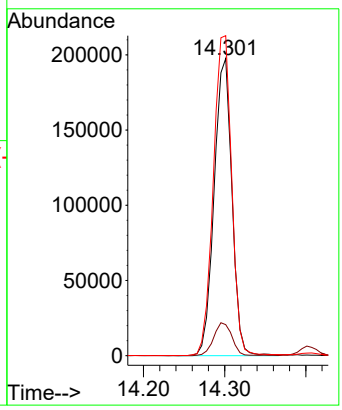
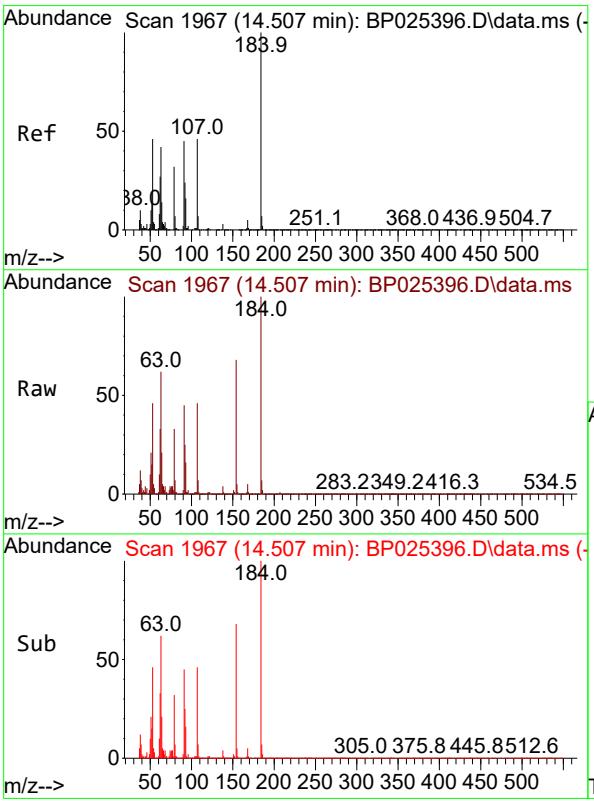
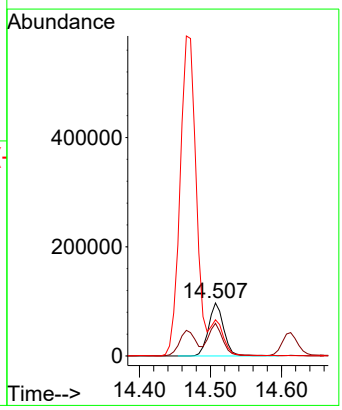


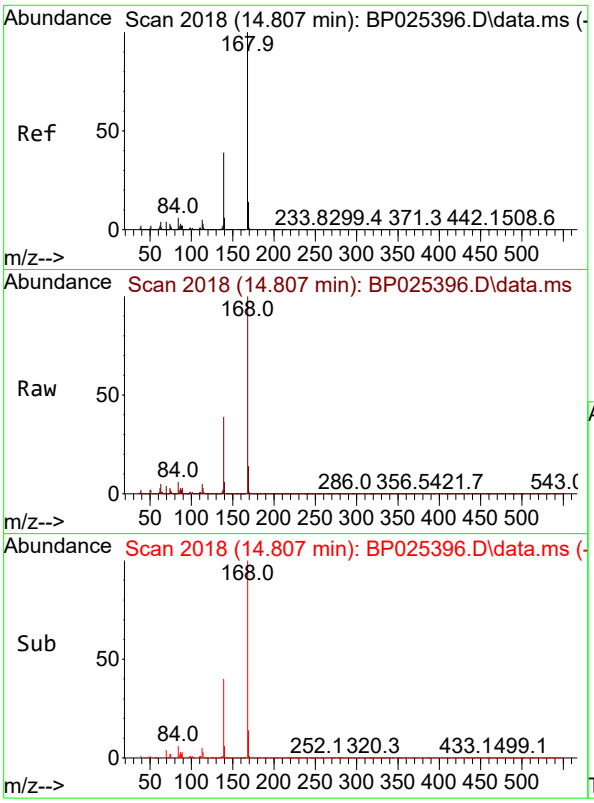


#54
2,4-Dinitrophenol
Concen: 39.633 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

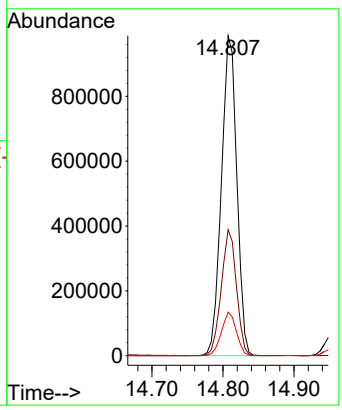




#55
Dibenzofuran
Concen: 38.624 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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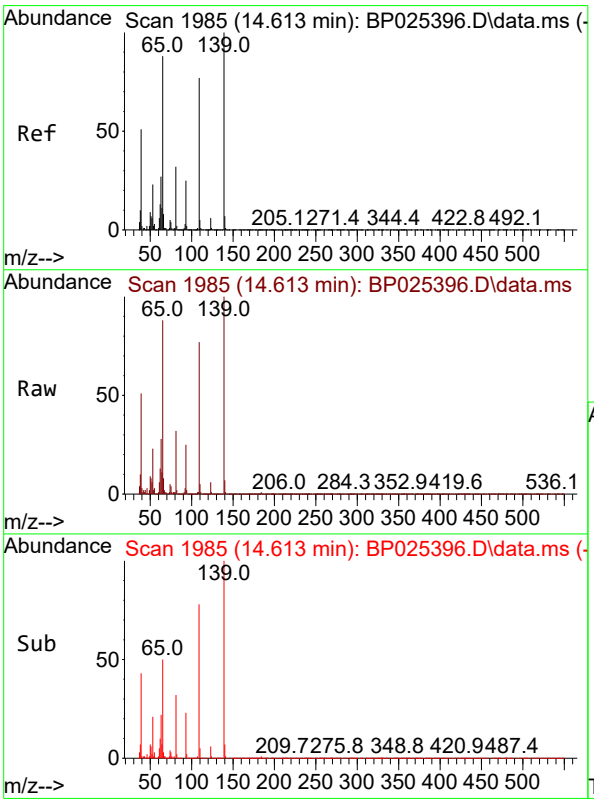
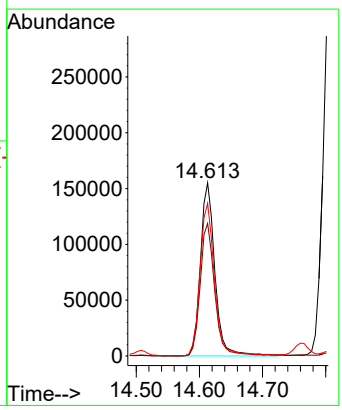
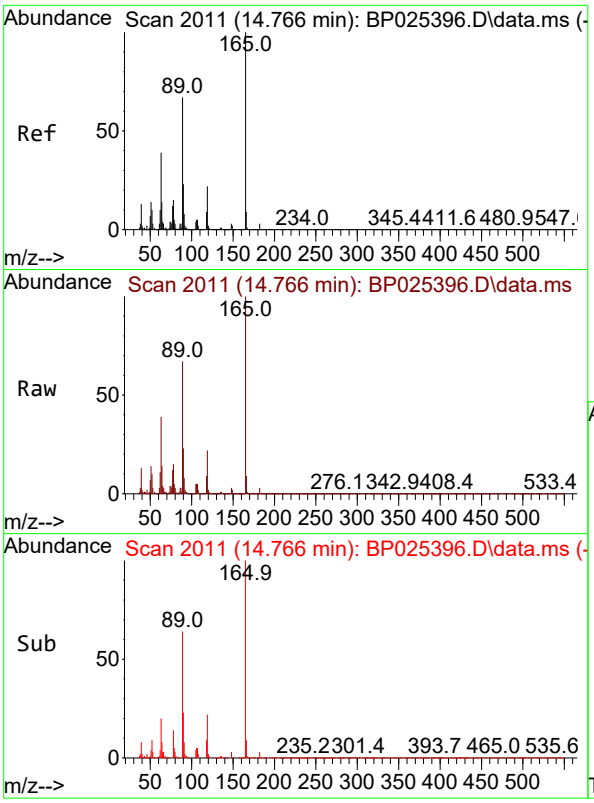


#56
4-Nitrophenol
Concen: 39.168 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

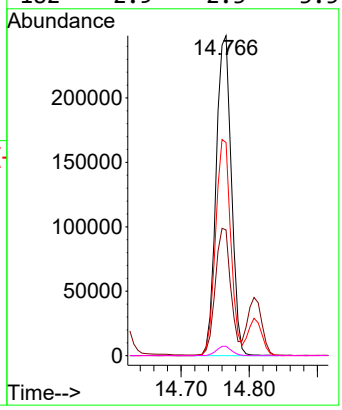




#57
2,4-Dinitrotoluene
Concen: 39.757 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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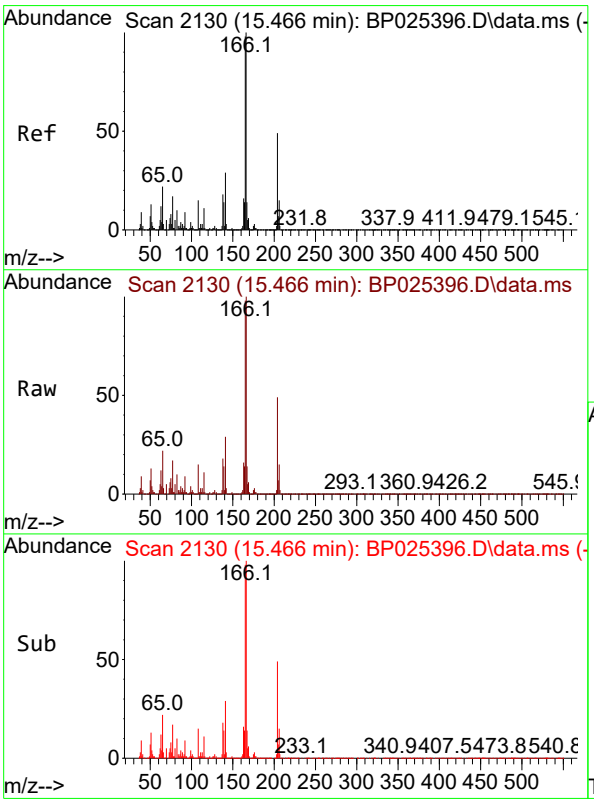
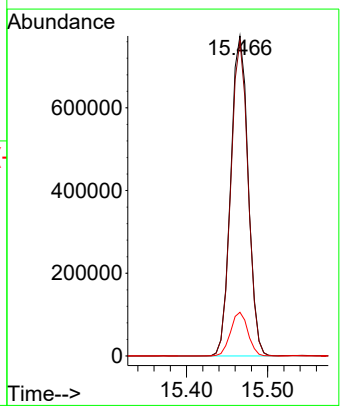
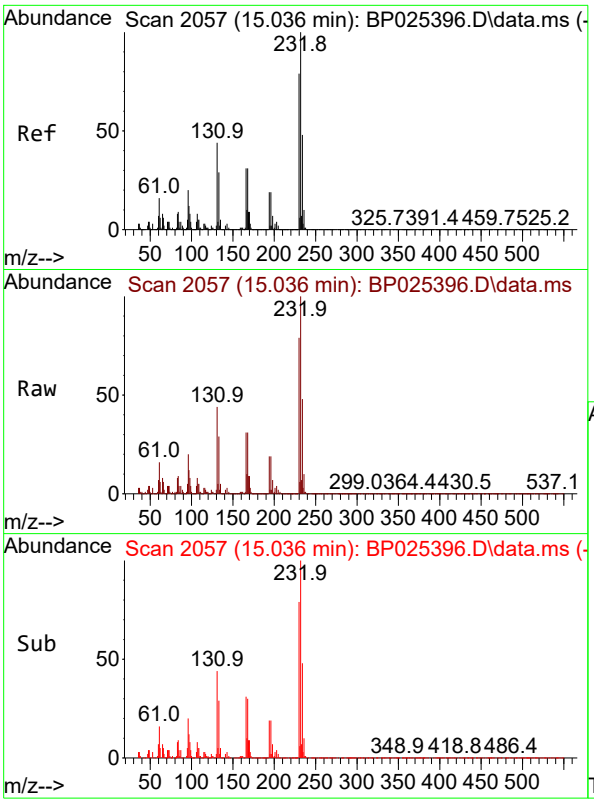


#58
Fluorene
Concen: 38.115 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

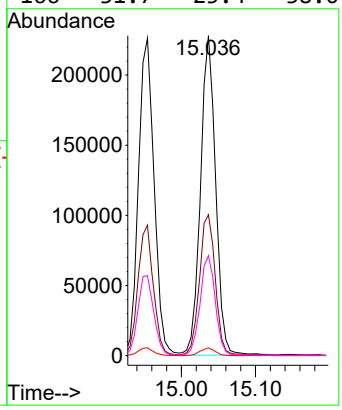




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.975 ng
RT: 15.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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



Instrument :
BNA_P
ClientSampleId :
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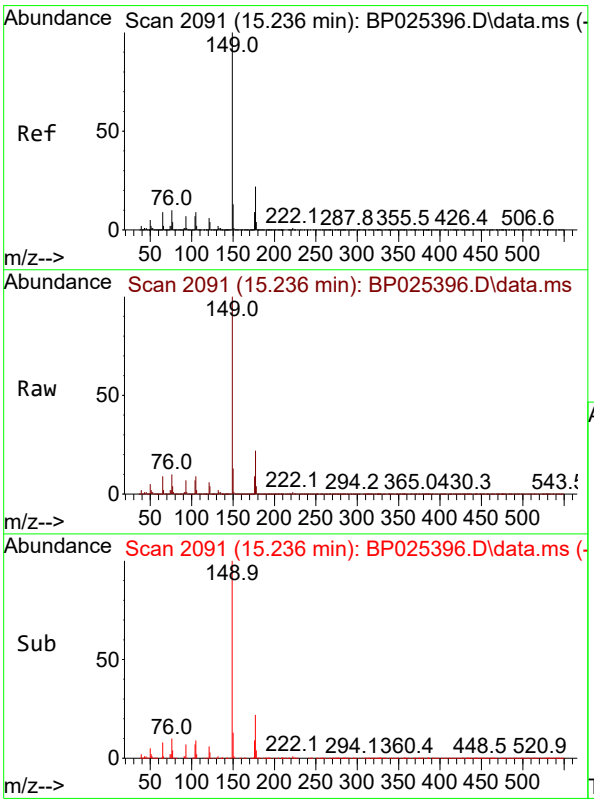
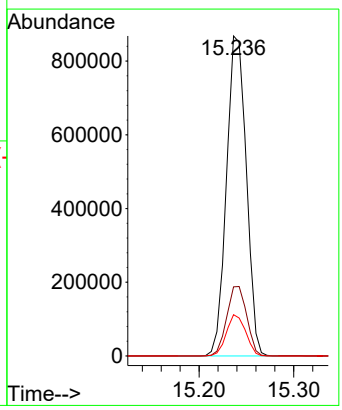
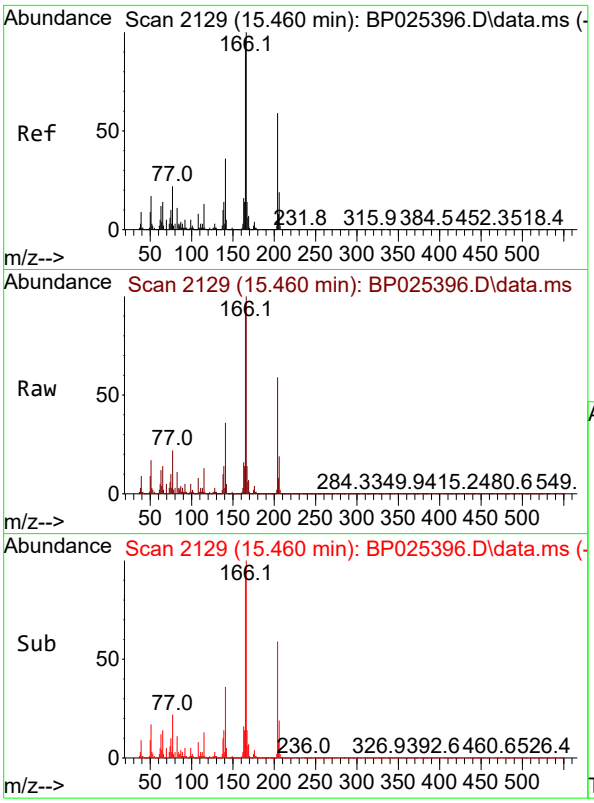


#60
Diethylphthalate
Concen: 38.533 ng
RT: 15.236 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

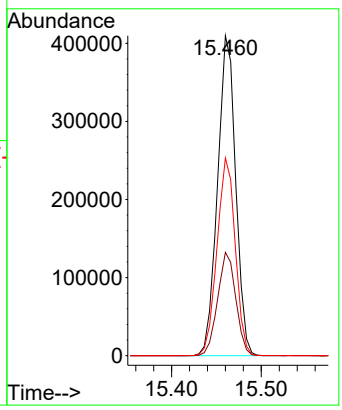




#61
4-Chlorophenyl-phenylether
Concen: 38.228 ng
RT: 15.460 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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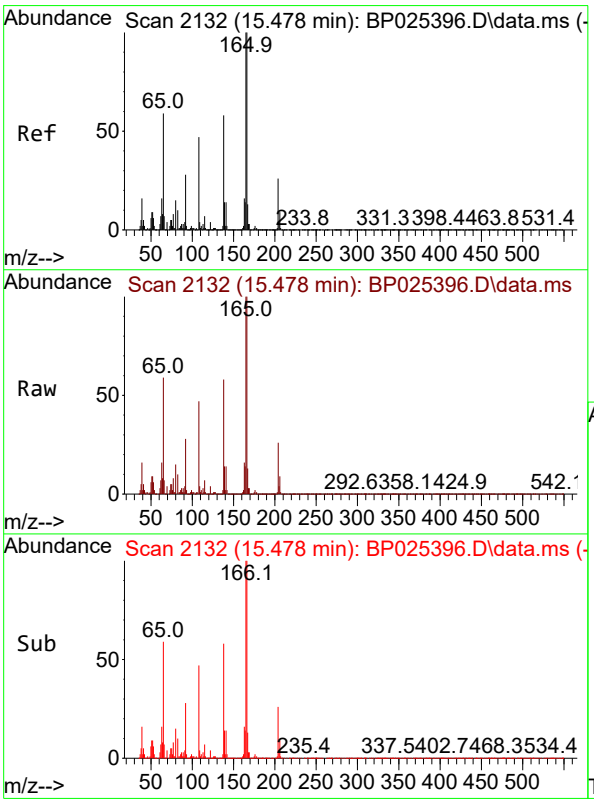
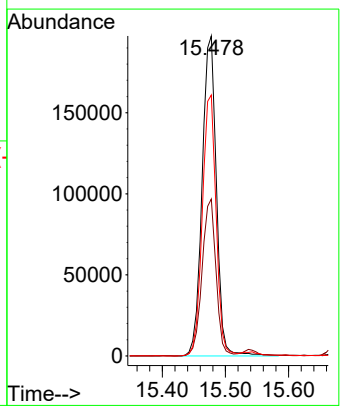
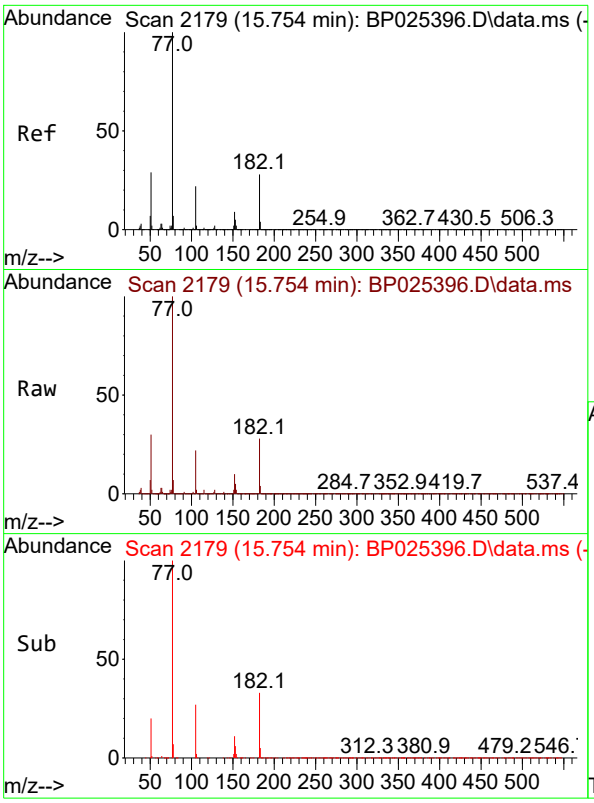


#62
4-Nitroaniline
Concen: 39.443 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

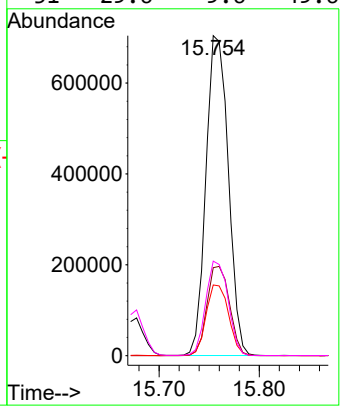




#63
Azobenzene
Concen: 38.820 ng
RT: 15.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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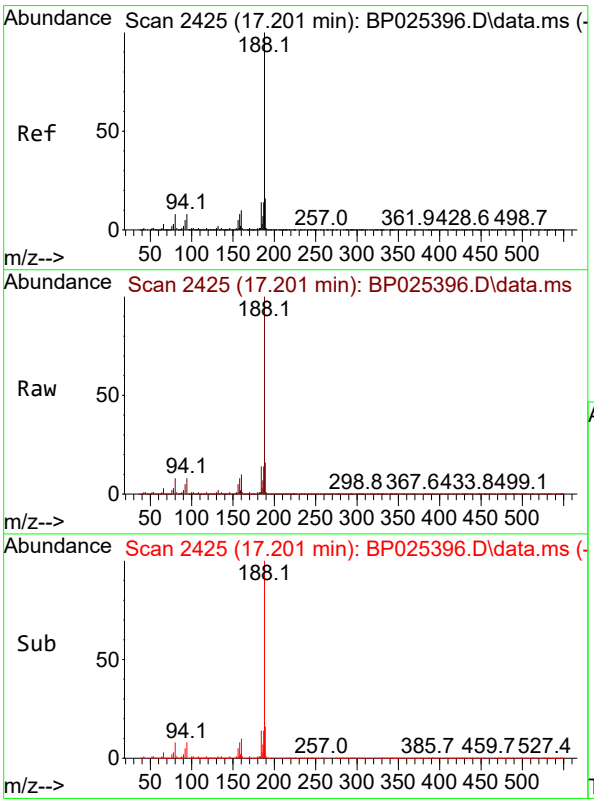
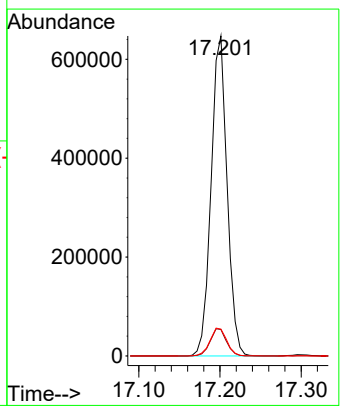
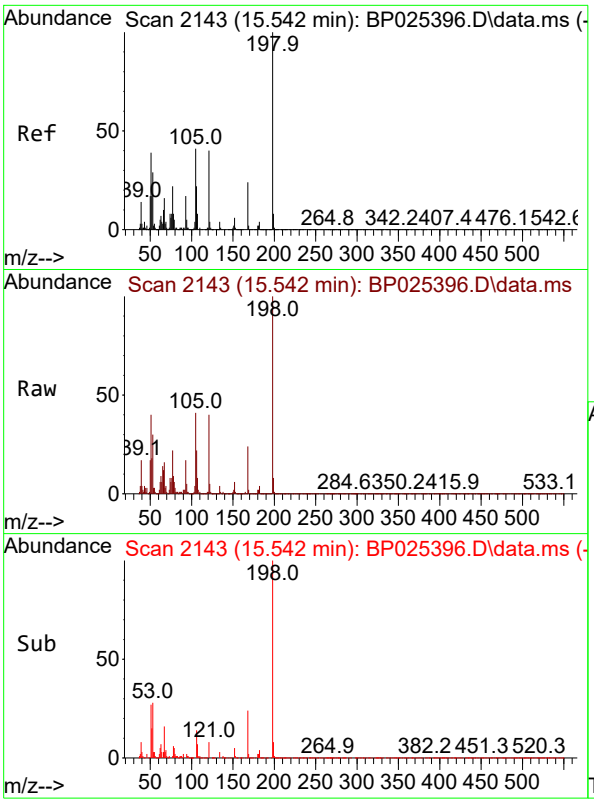


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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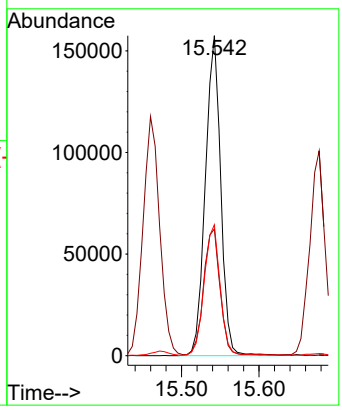
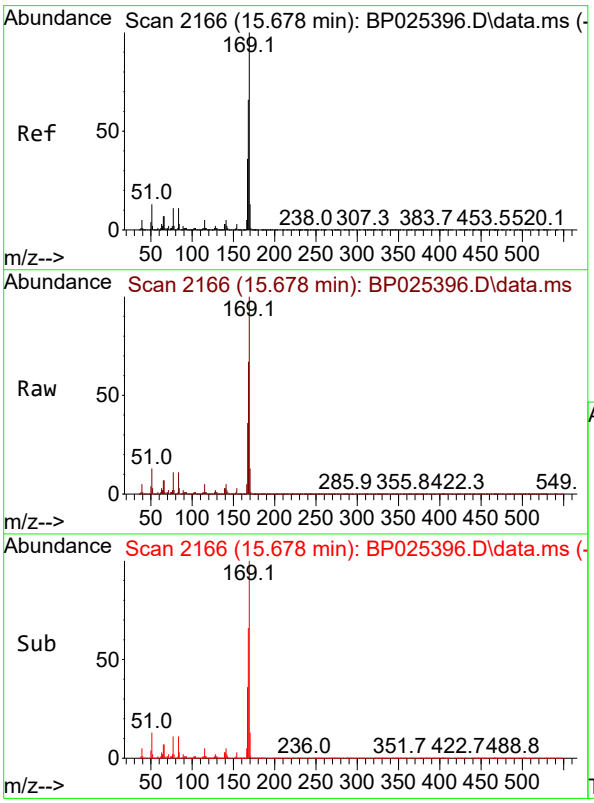
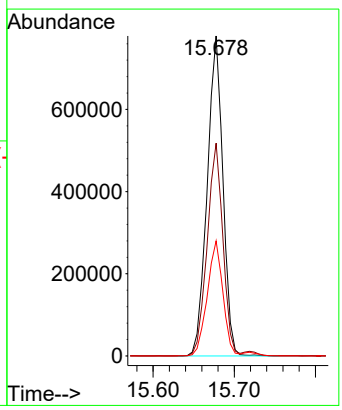


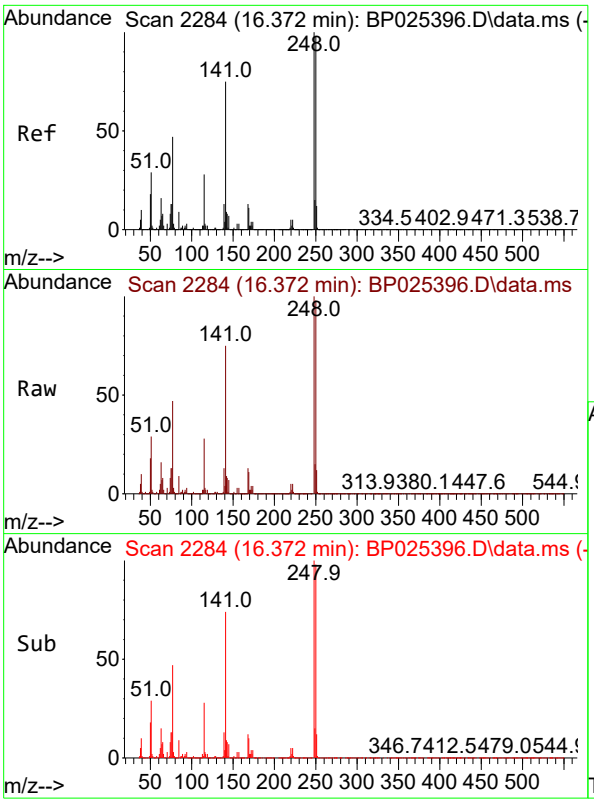


#66
n-Nitrosodiphenylamine
Concen: 38.749 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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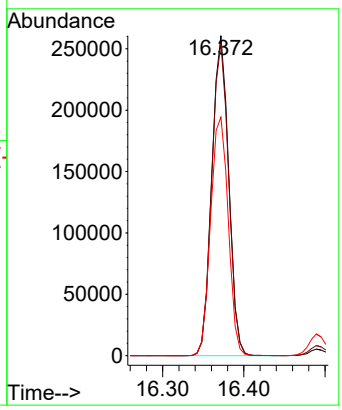
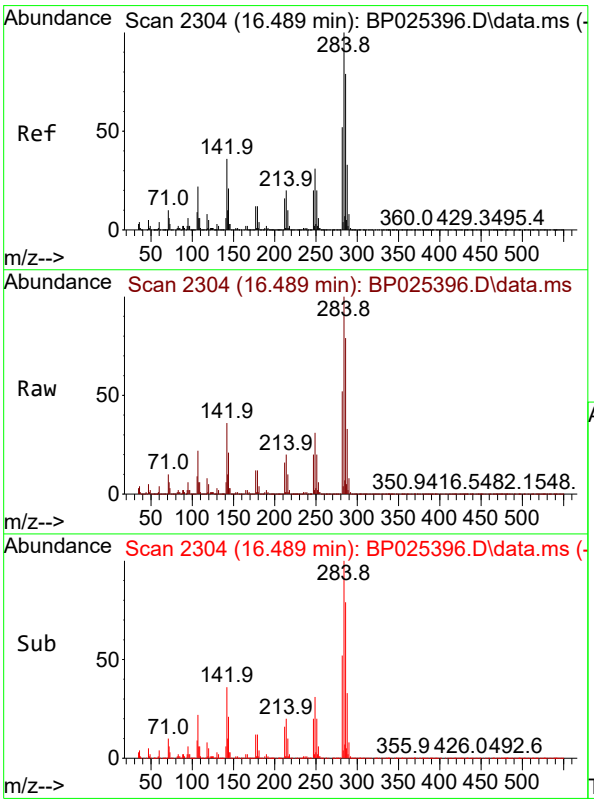
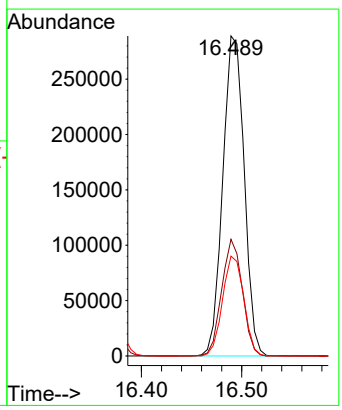


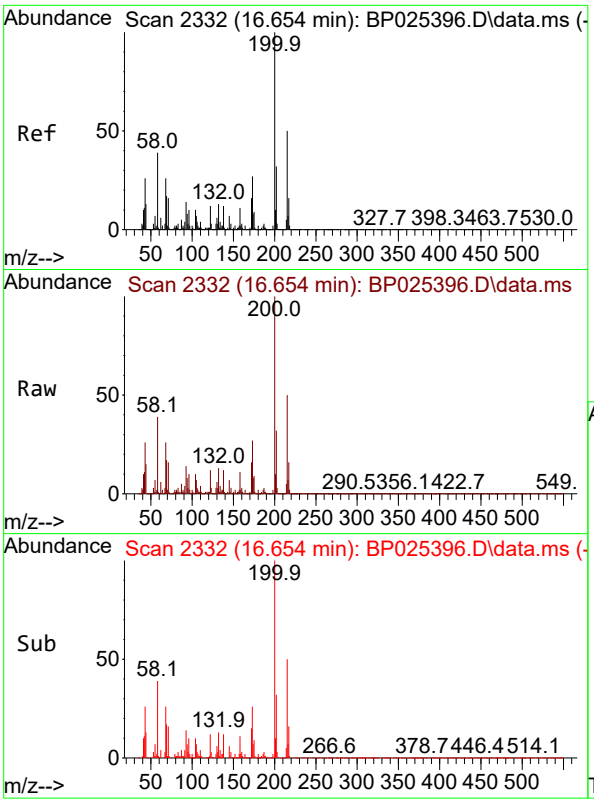


#68
Hexachlorobenzene
Concen: 37.986 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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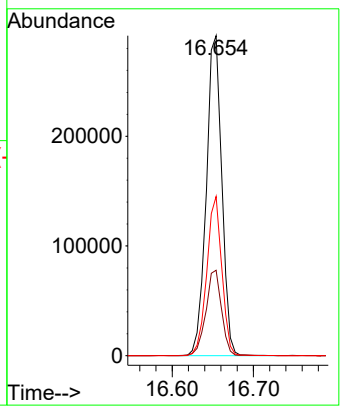
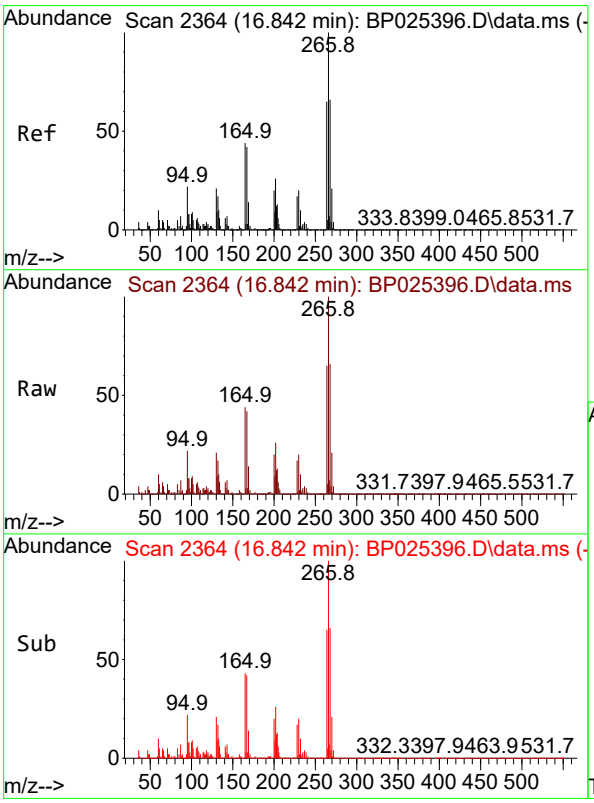
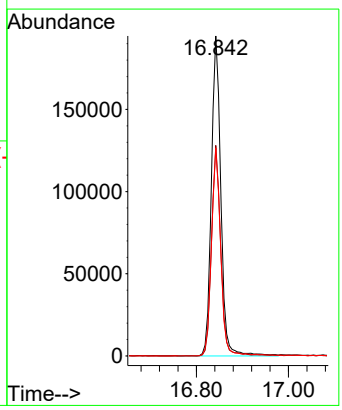


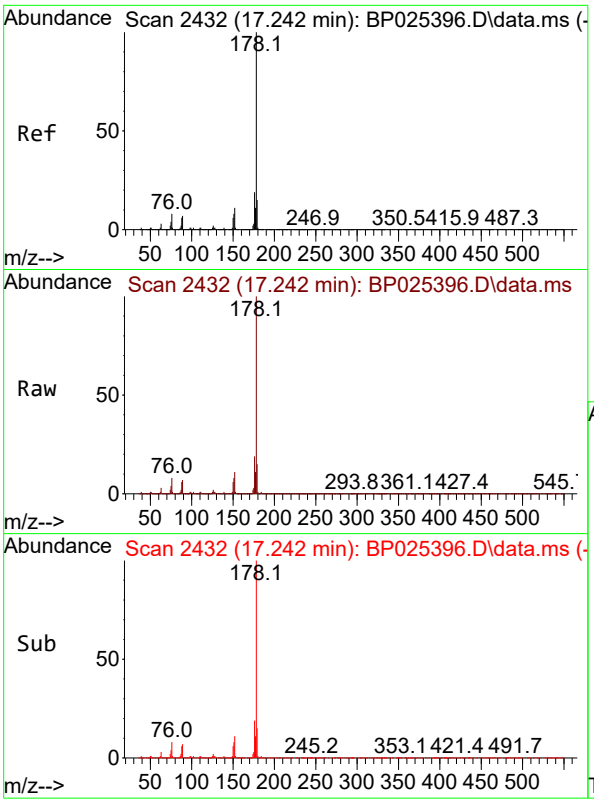


#70
Pentachlorophenol
Concen: 39.110 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

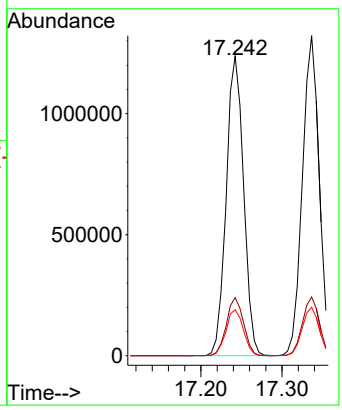




#71
Phenanthrene
Concen: 37.851 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
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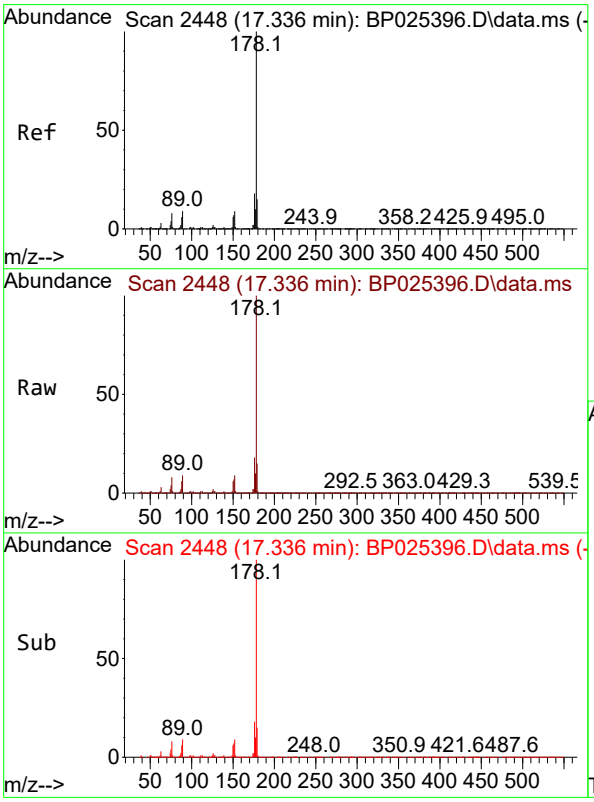
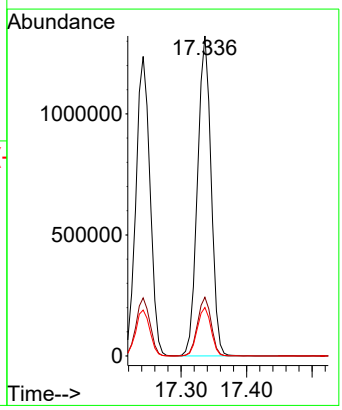
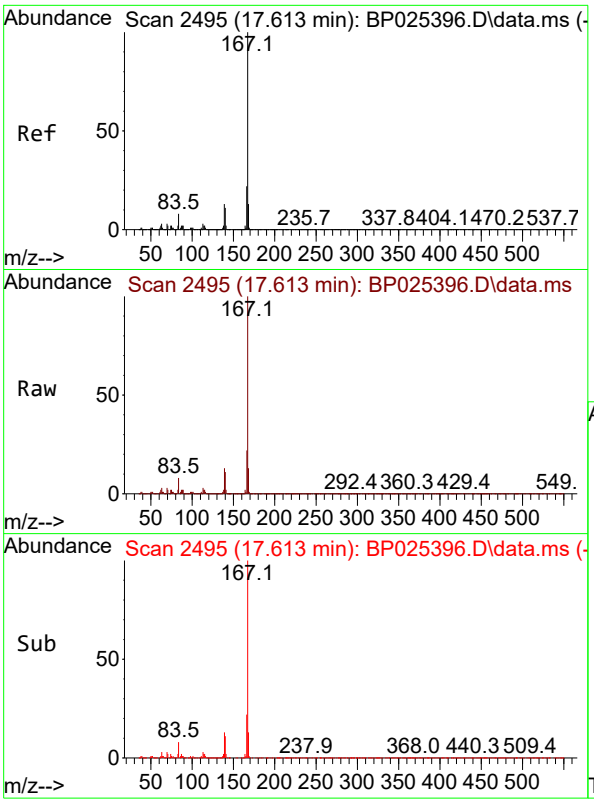


#72
Anthracene
Concen: 38.456 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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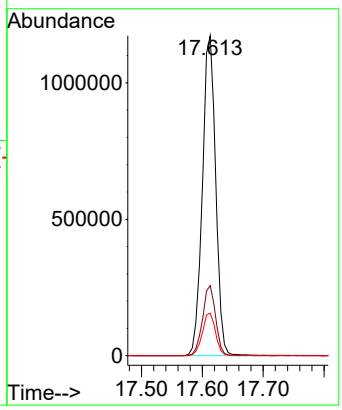
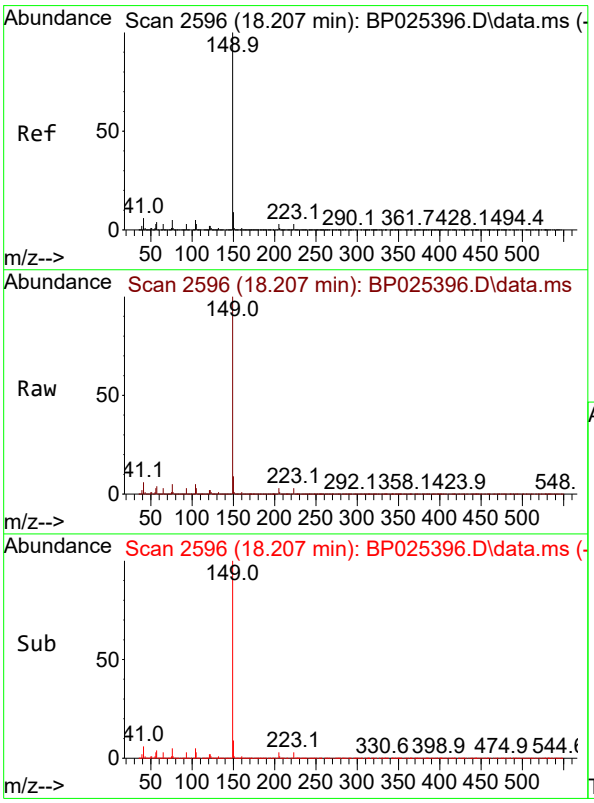
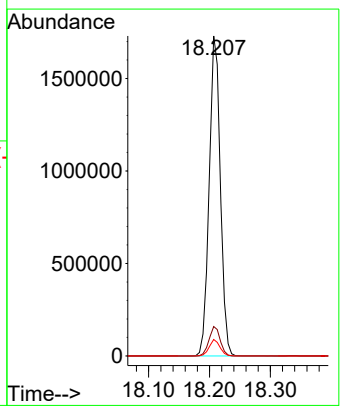


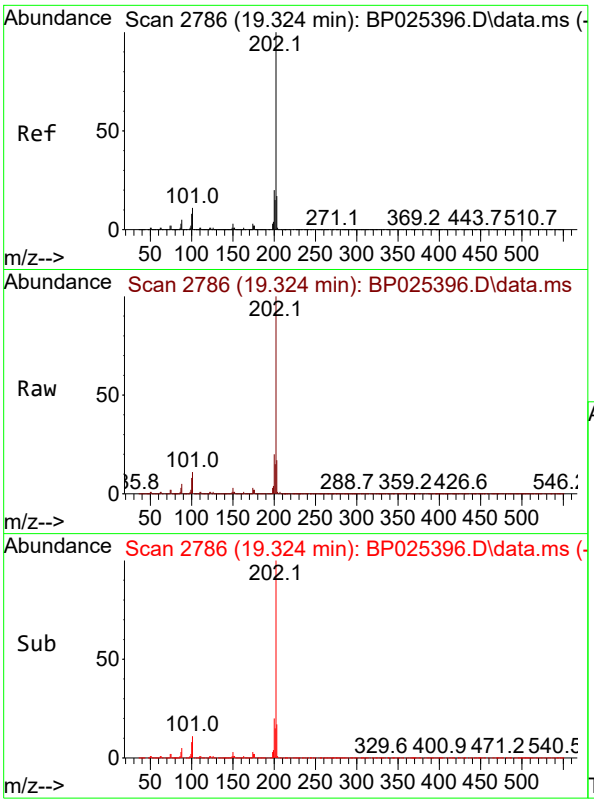


#74
Di-n-butylphthalate
Concen: 38.277 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

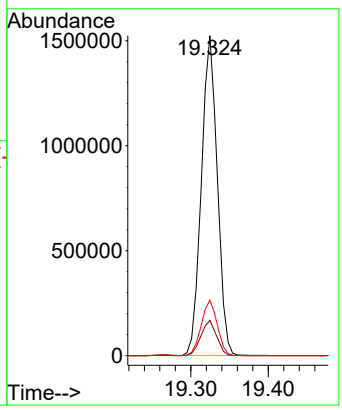




#75
Fluoranthene
Concen: 37.488 ng
RT: 19.324 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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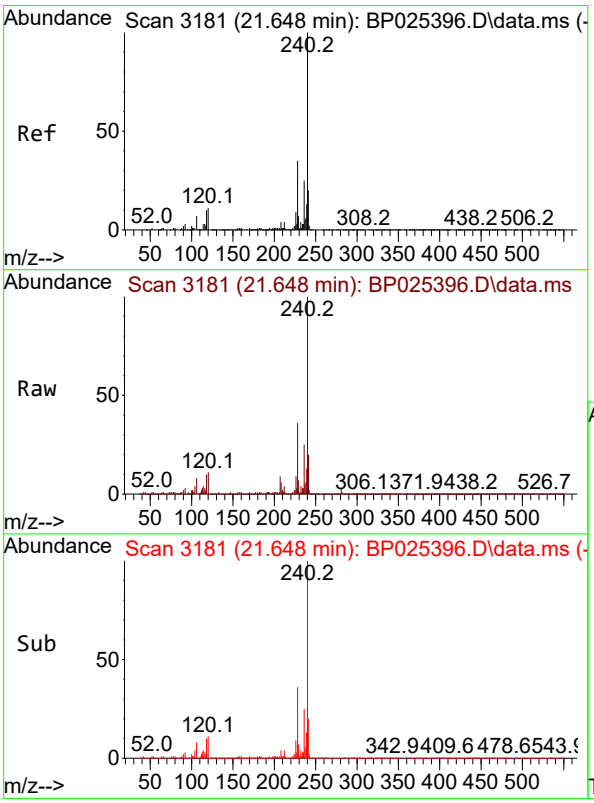
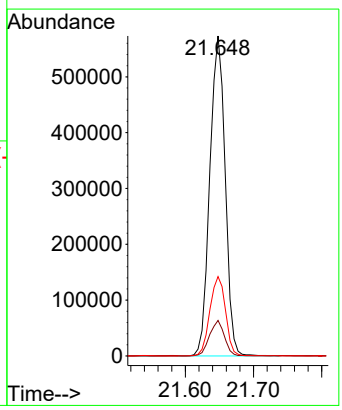
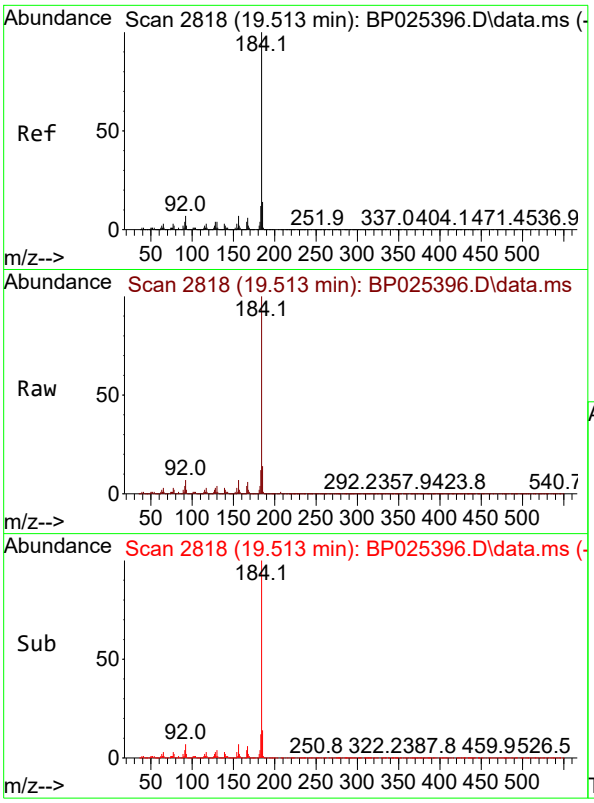


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

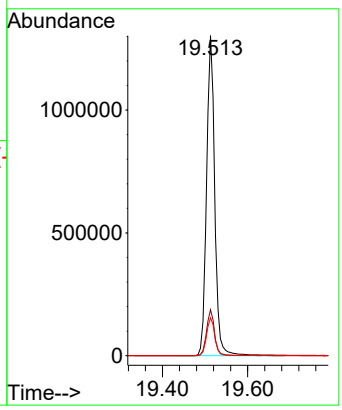




#77
Benzidine
Concen: 56.665 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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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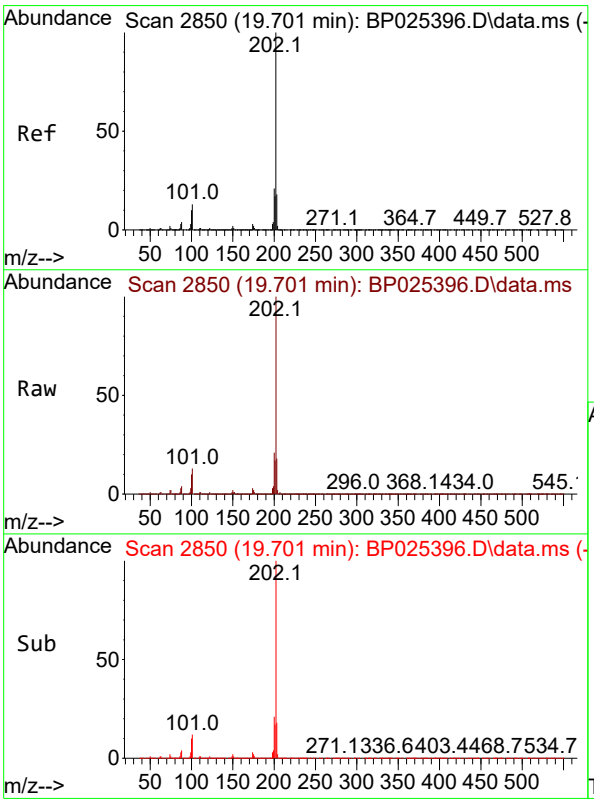
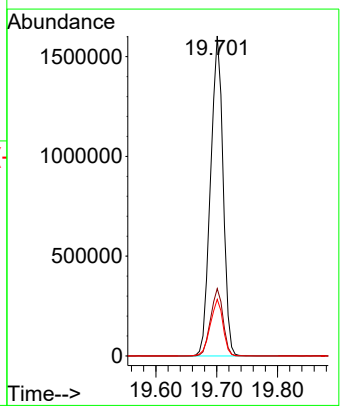
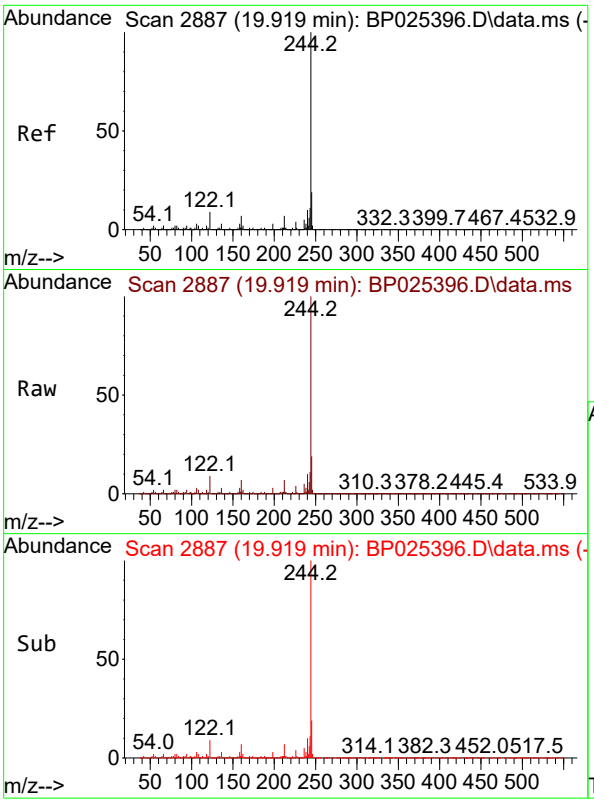


#78
Pyrene
Concen: 39.189 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

Manual Integrations
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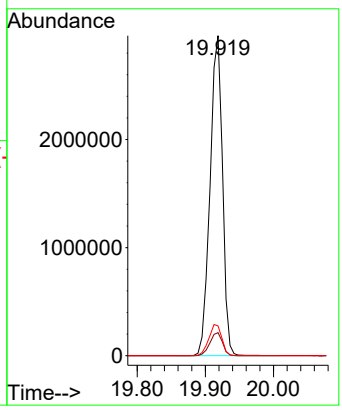
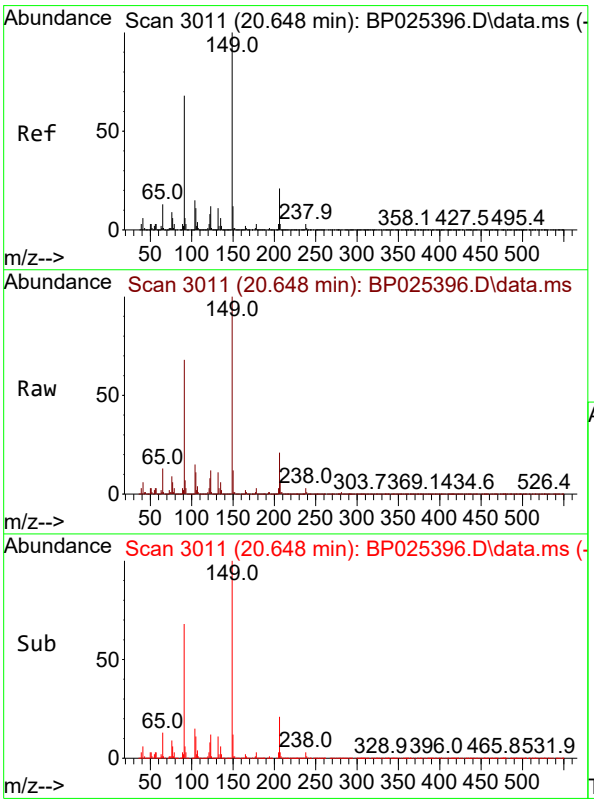
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

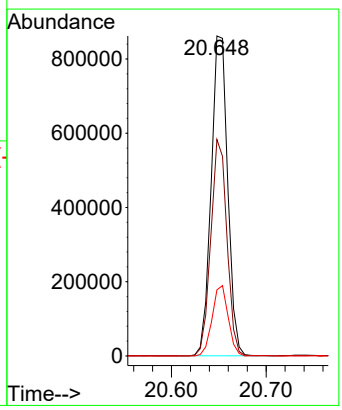


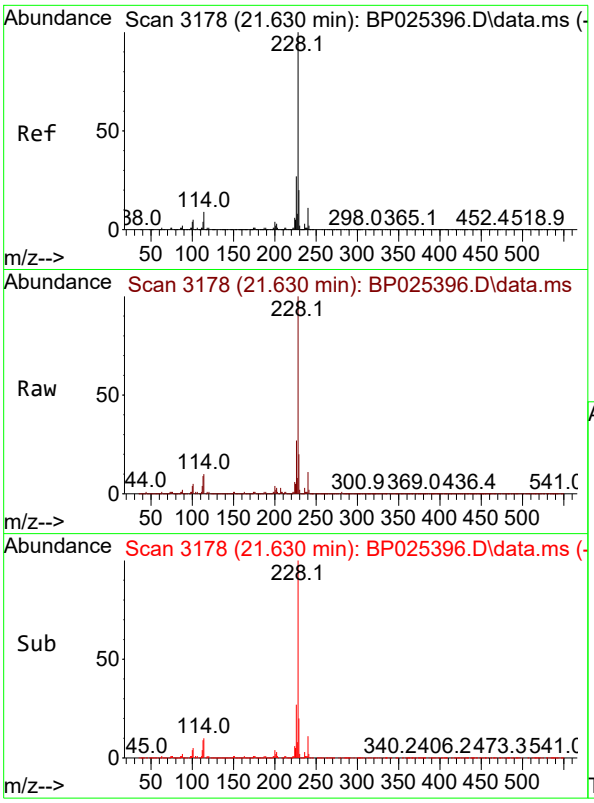


#80
Butylbenzylphthalate
Concen: 39.338 ng
RT: 20.648 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

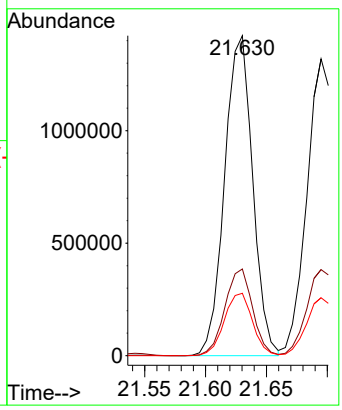




#81
Benzo(a)anthracene
Concen: 38.460 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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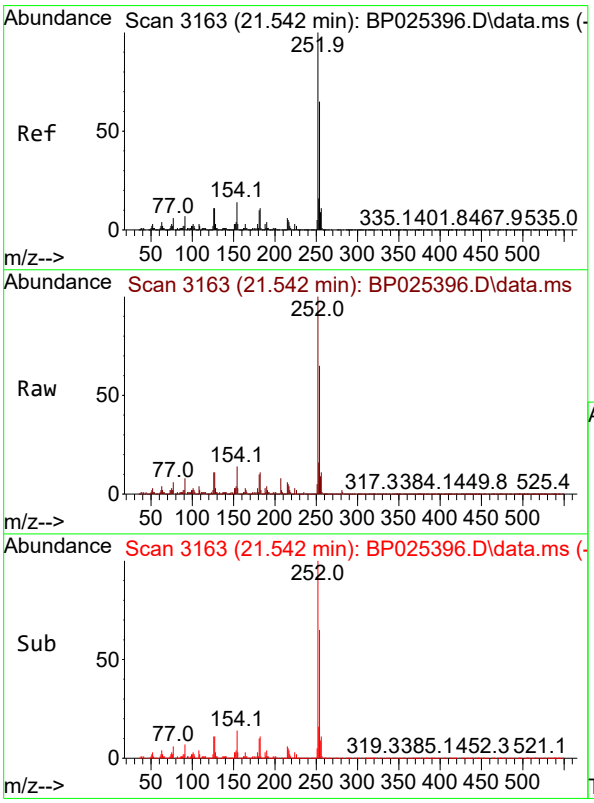
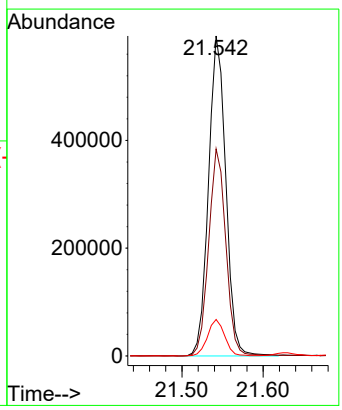
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

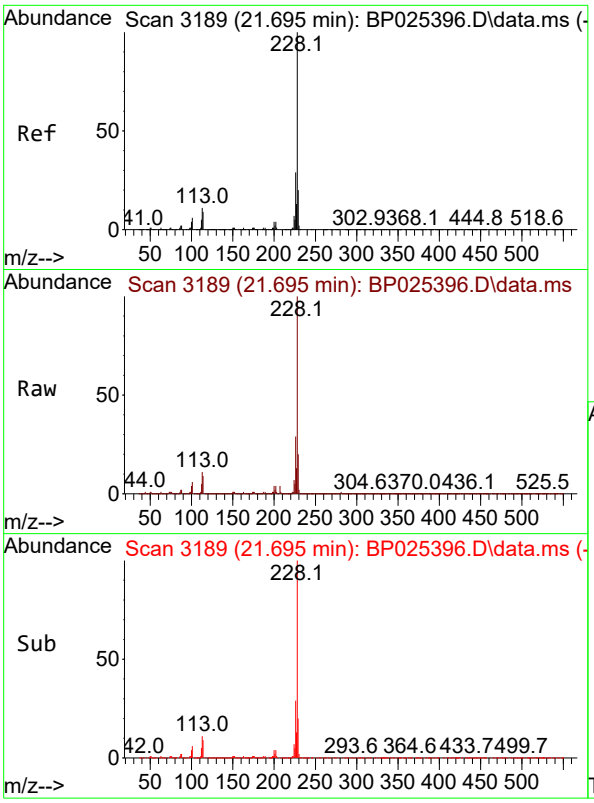


#82
3,3'-Dichlorobenzidine
Concen: 39.266 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

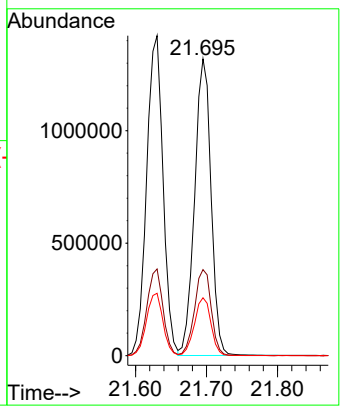




#83
Chrysene
Concen: 38.278 ng
RT: 21.695 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

Manual Integrations
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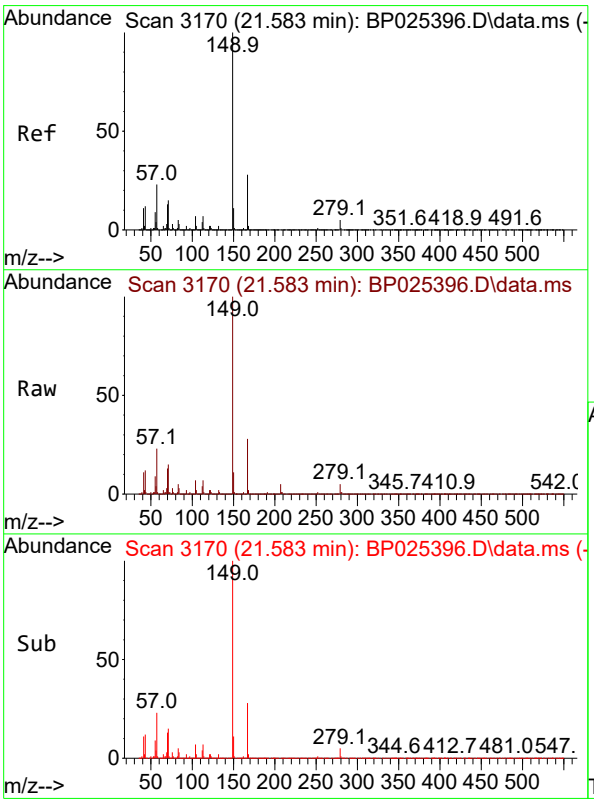
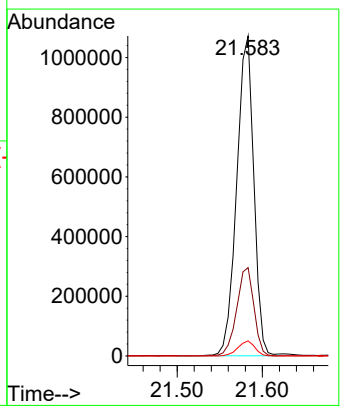
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

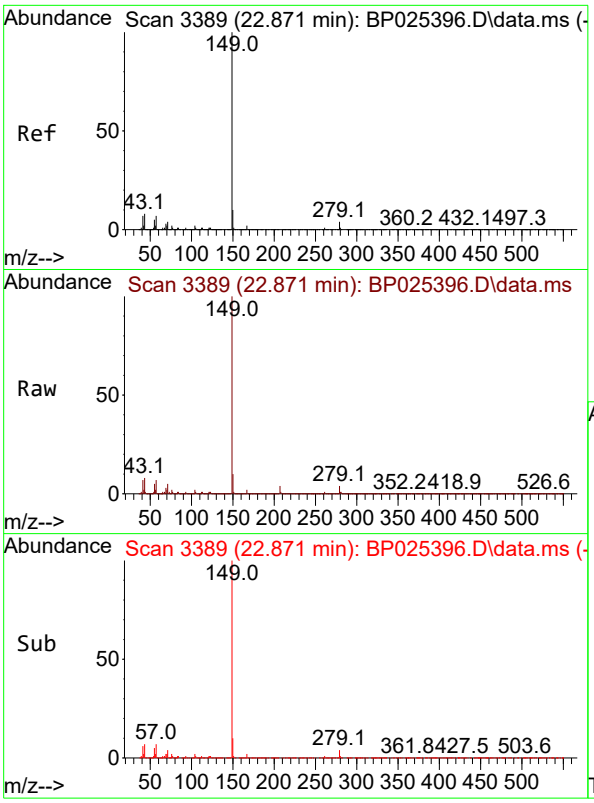


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.310 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

Manual Integrations
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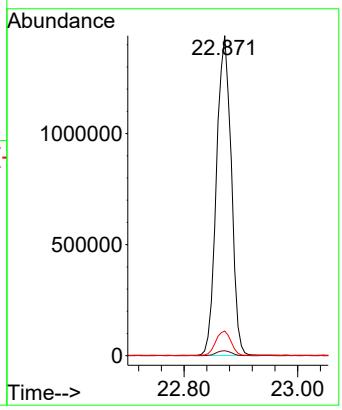
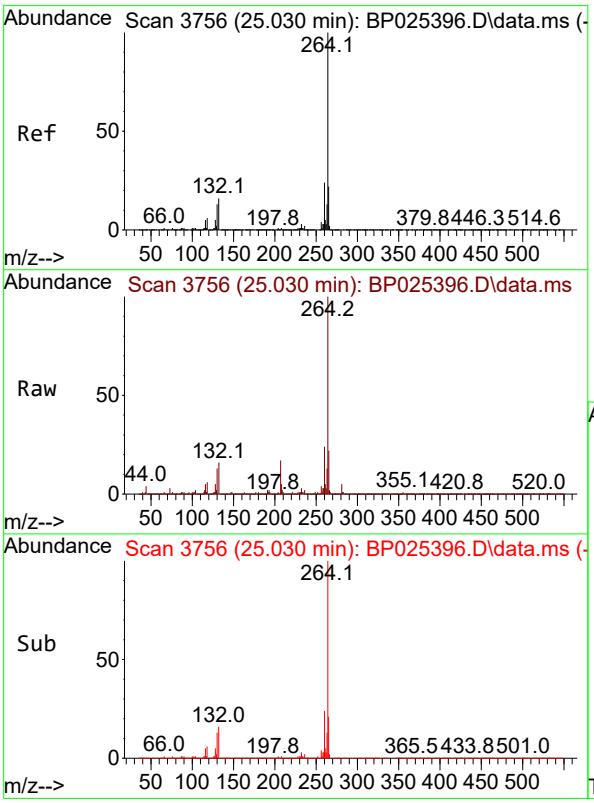
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

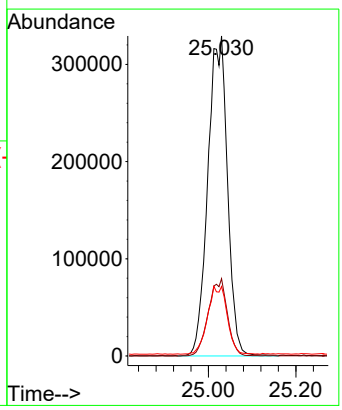


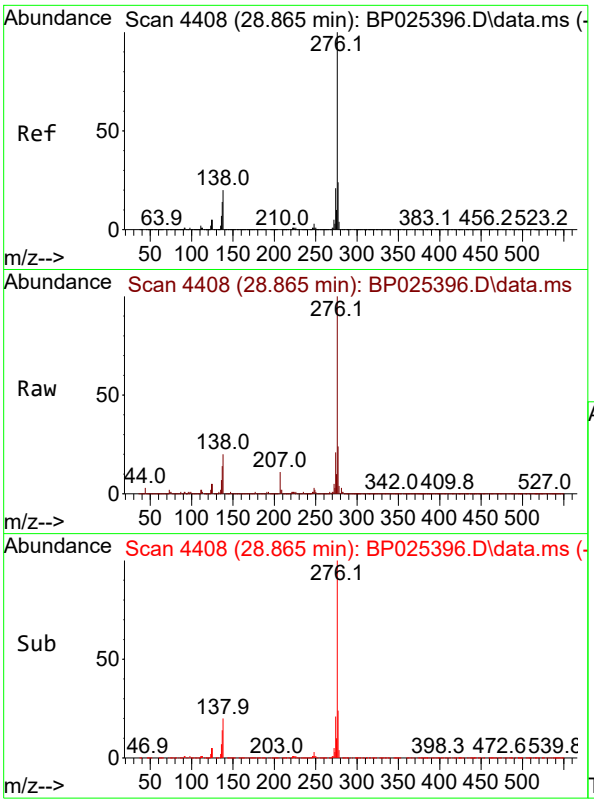


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

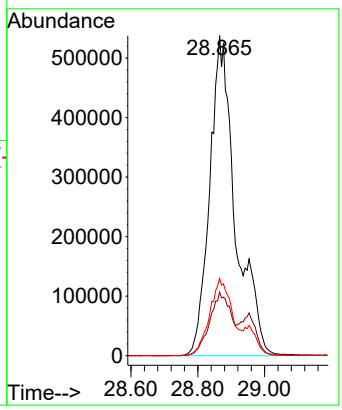




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.470 ng m
RT: 28.865 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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 :
SSTDICCC040

Manual Integrations
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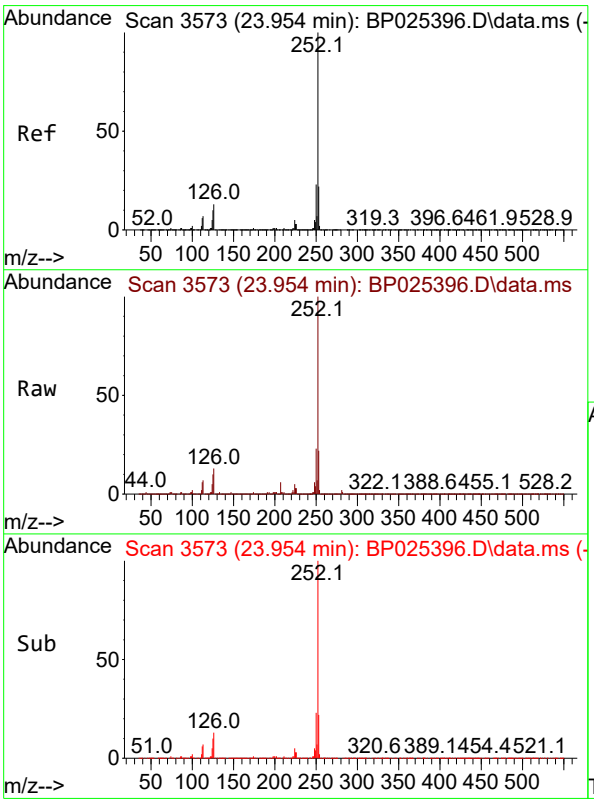
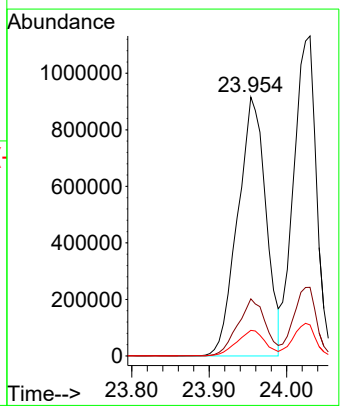
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

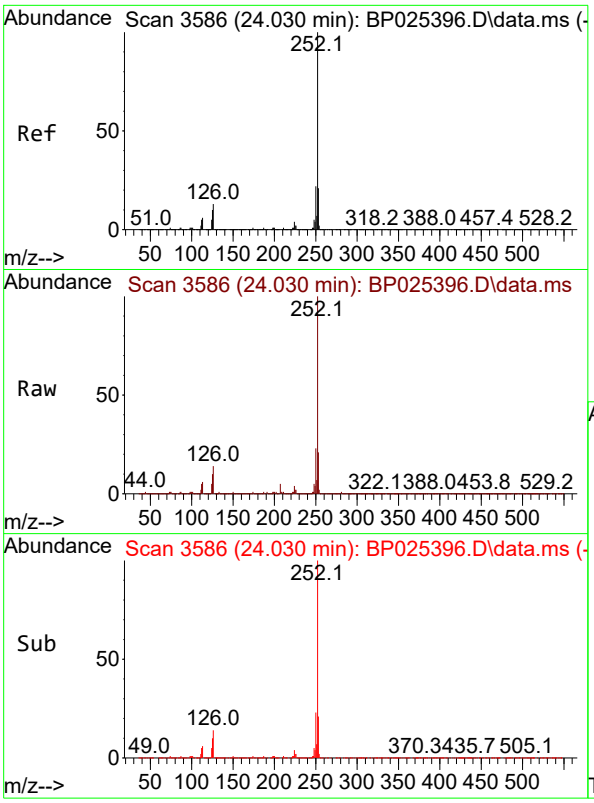


#88
Benzo(b)fluoranthene
Concen: 38.462 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

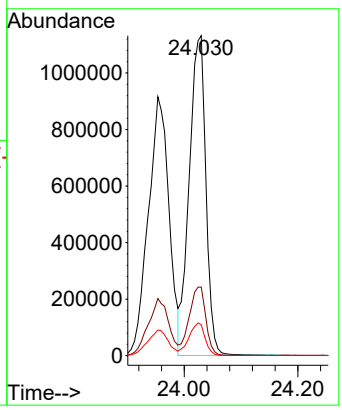




#89
Benzo(k)fluoranthene
Concen: 38.285 ng
RT: 24.030 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

Manual Integrations
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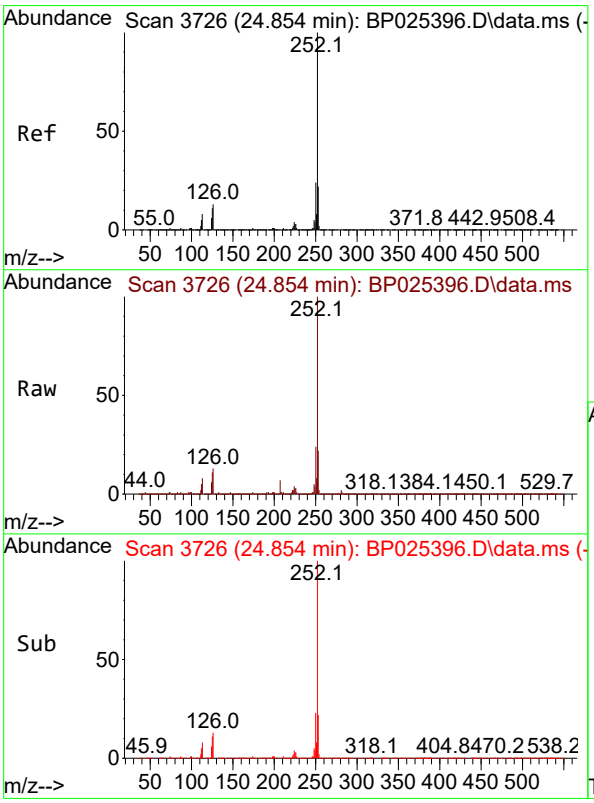
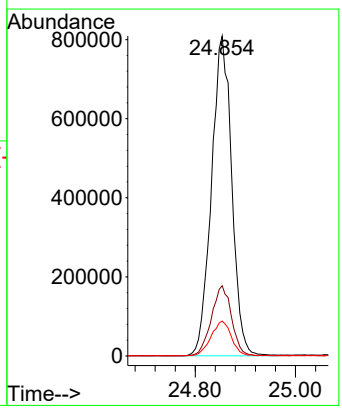
Supervised By :Jagrut Upadhyay 08/15/2025

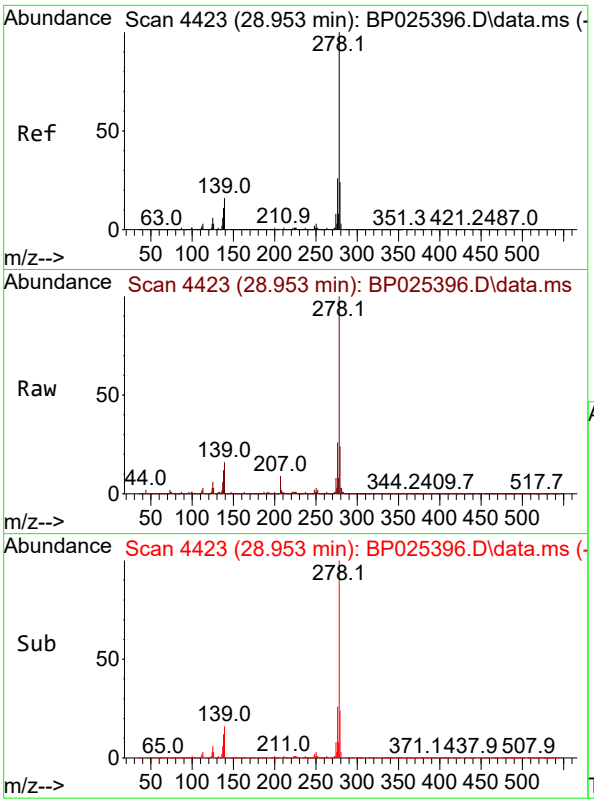


#90
Benzo(a)pyrene
Concen: 38.620 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

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

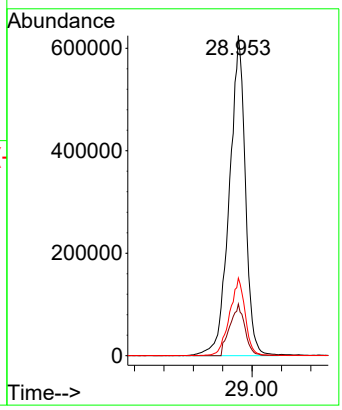




#91
Dibenzo(a,h)anthracene
Concen: 38.589 ng
RT: 28.953 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:278 Resp: 236384

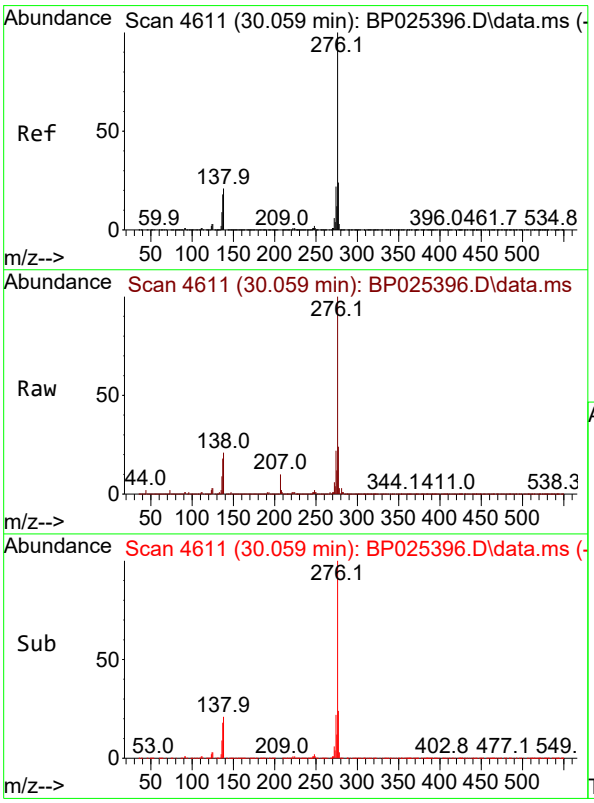
Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.4
279	24.3	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

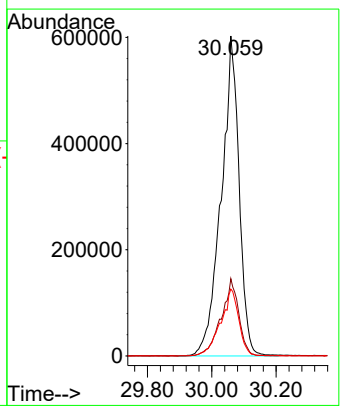
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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

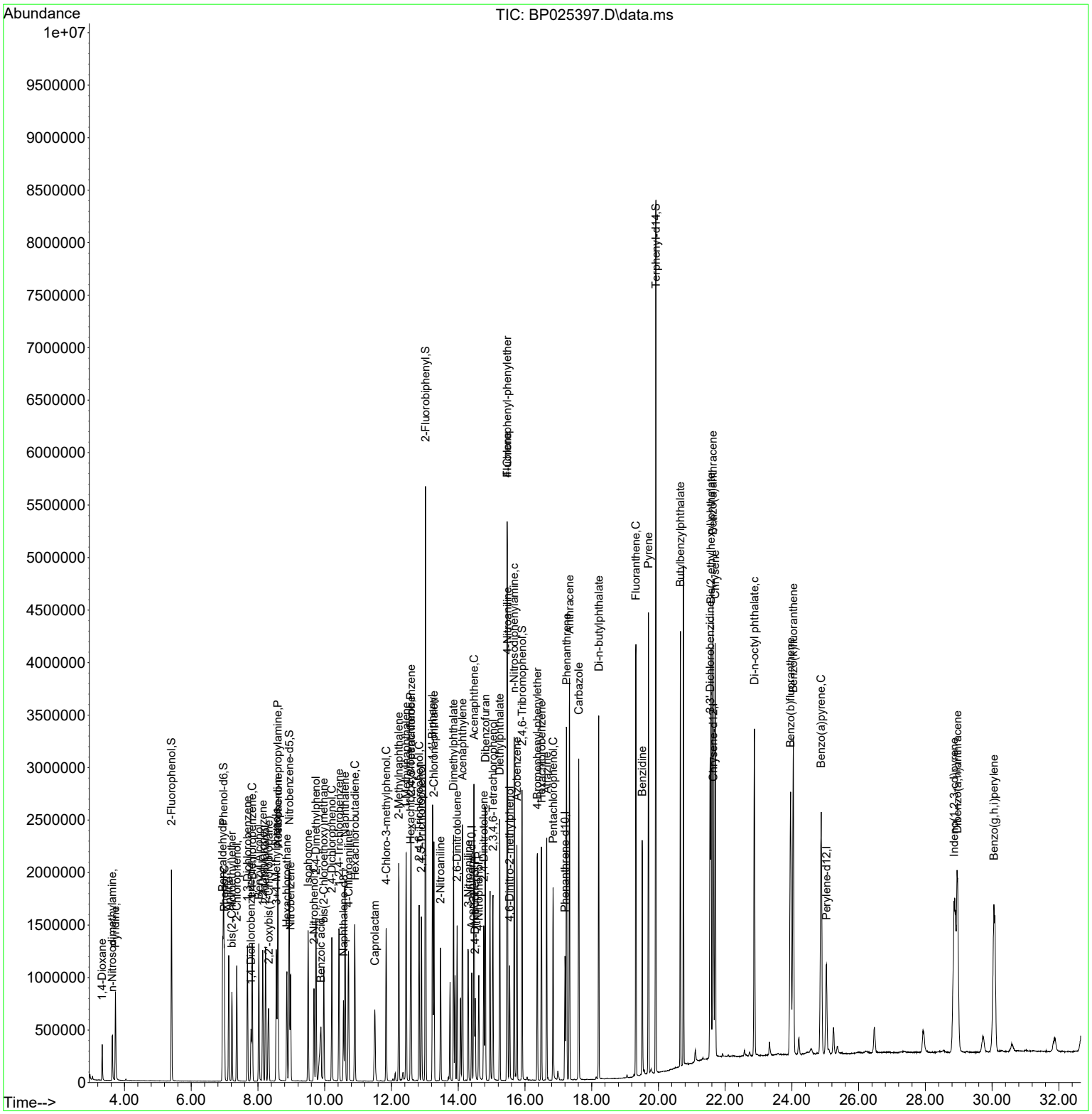
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

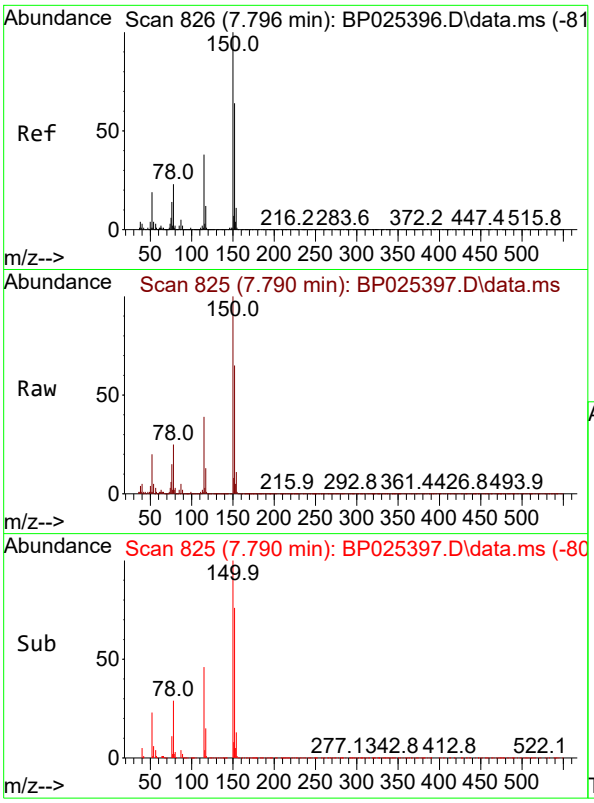
Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

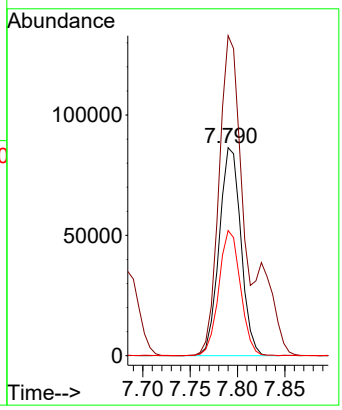




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

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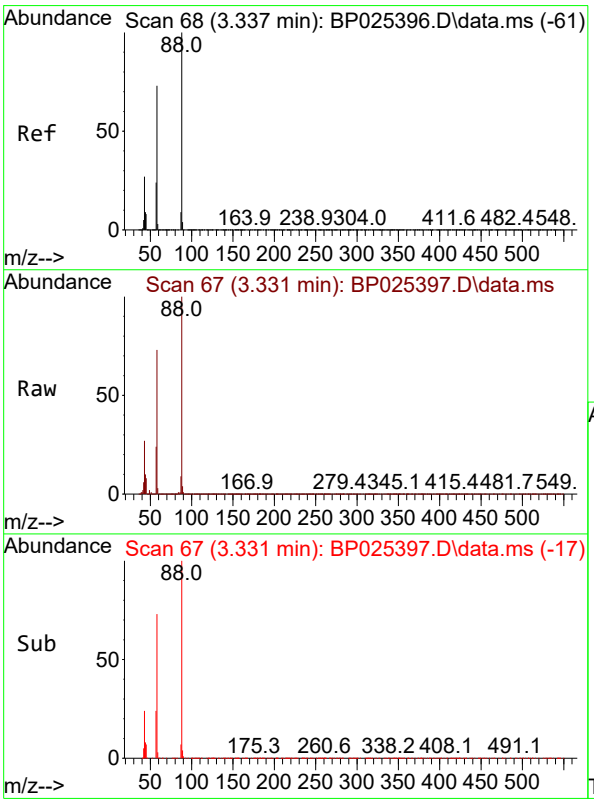
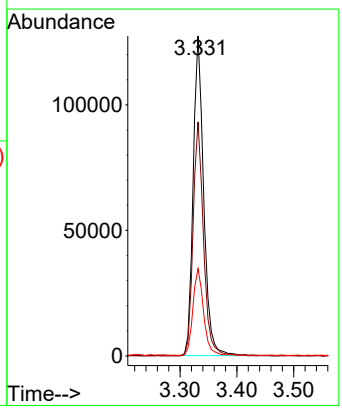
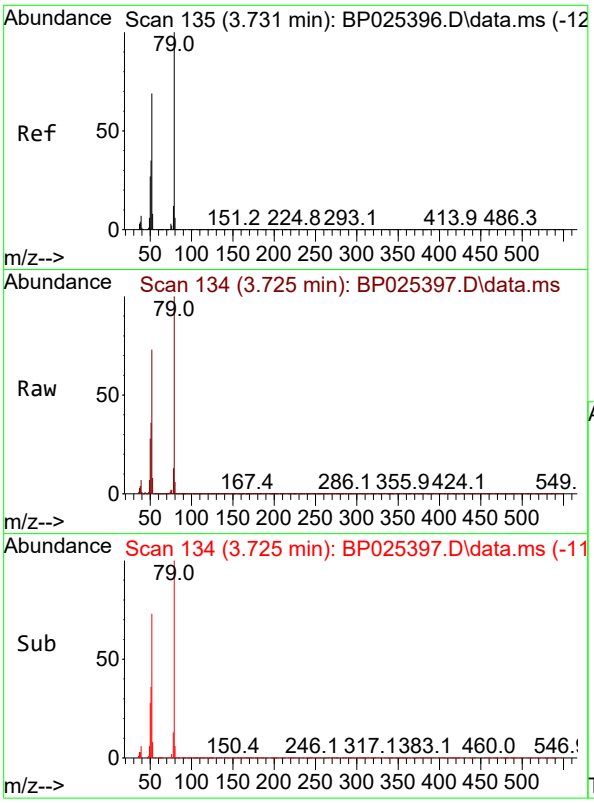


#2
1,4-Dioxane
Concen: 50.769 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

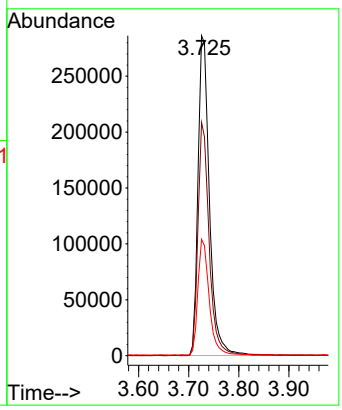




#3
Pyridine
Concen: 50.983 ng
RT: 3.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

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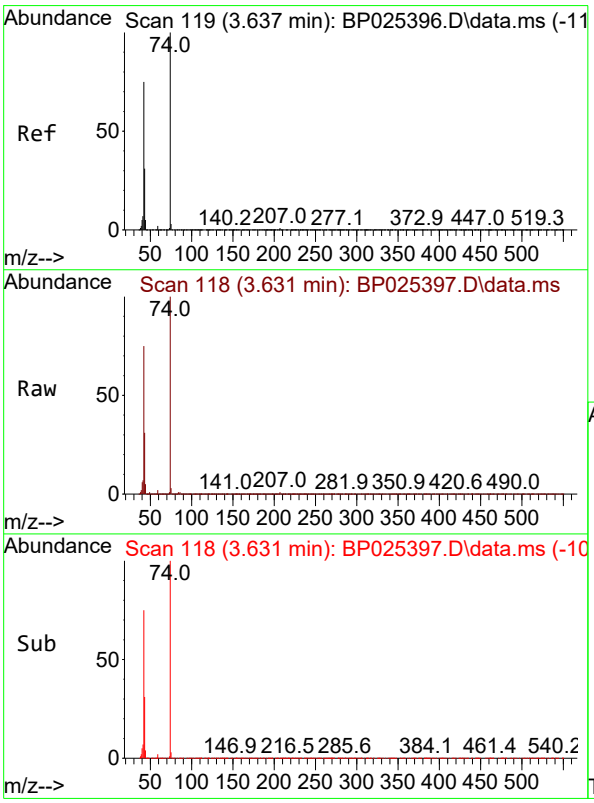
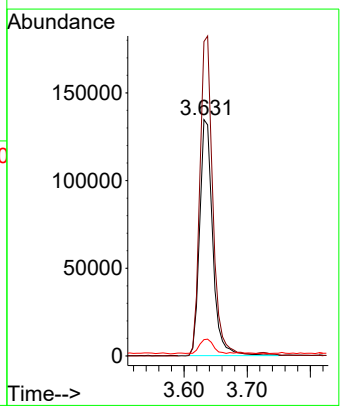
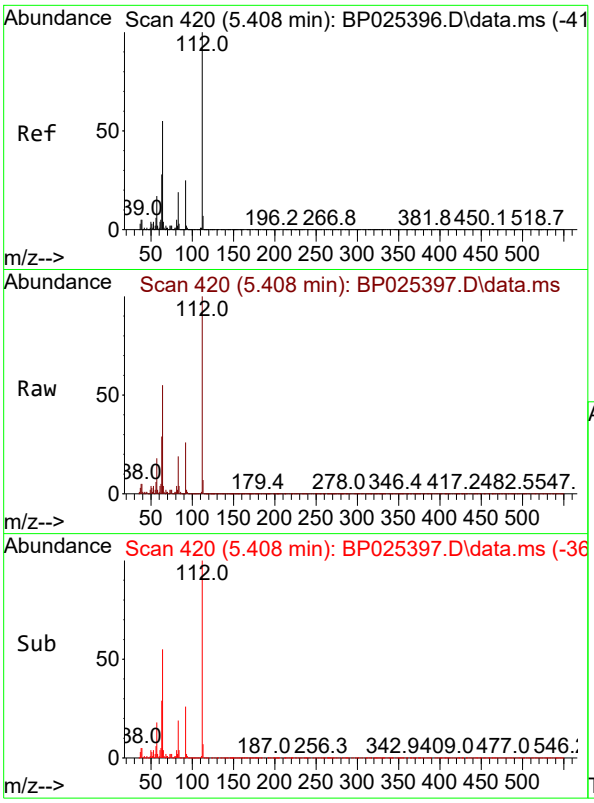


#4
n-Nitrosodimethylamine
Concen: 52.524 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

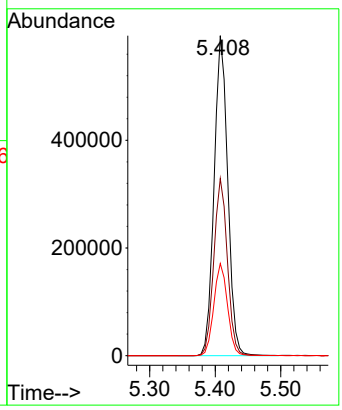




#5
2-Fluorophenol
Concen: 102.963 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

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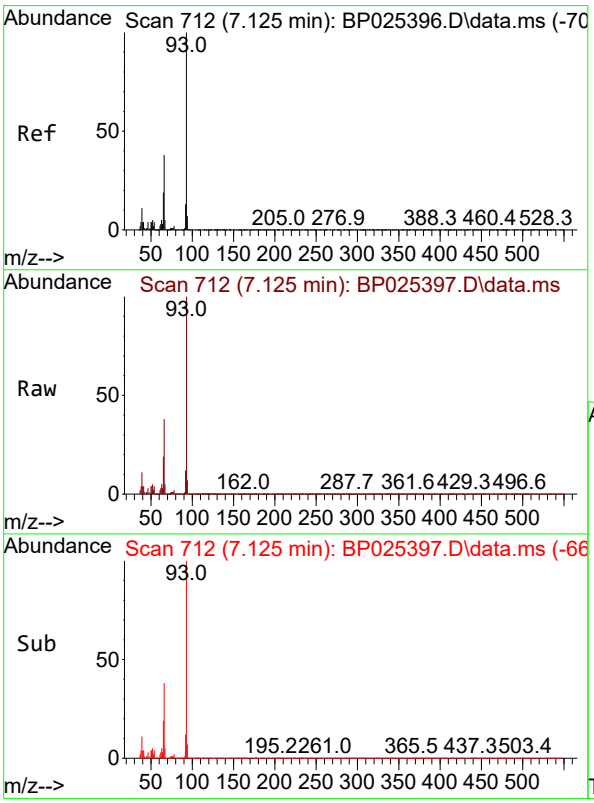
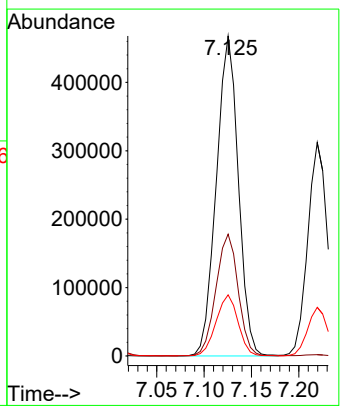
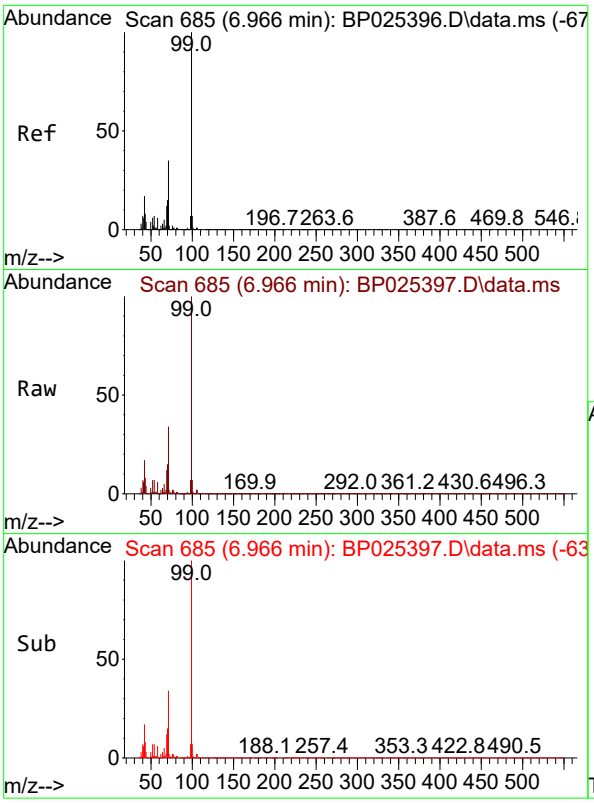


#6
Aniline
Concen: 52.743 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

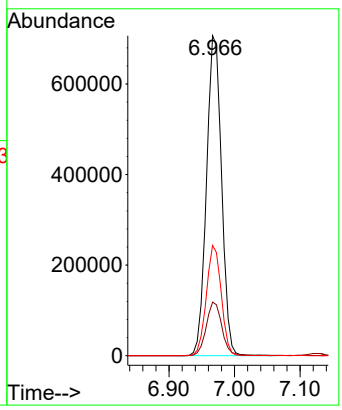




#7
Phenol-d6
Concen: 106.283 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

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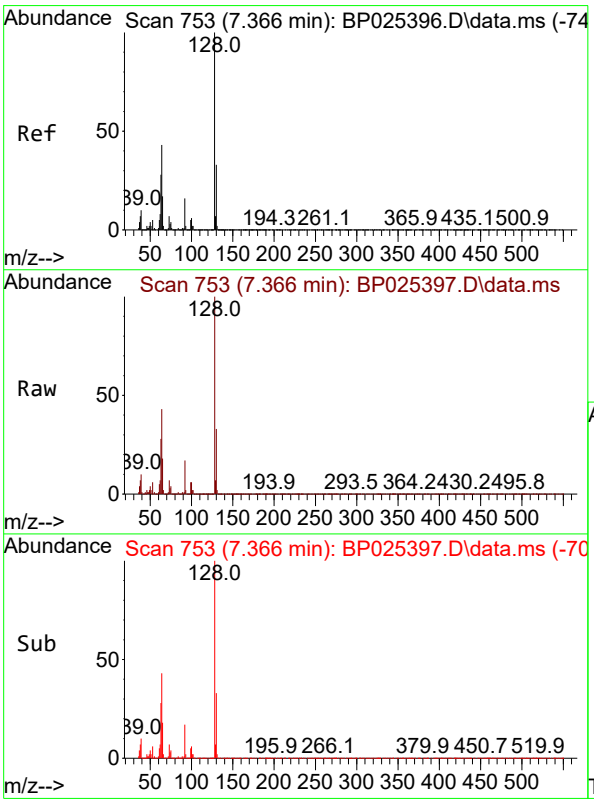
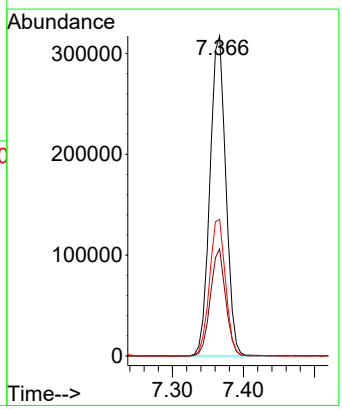
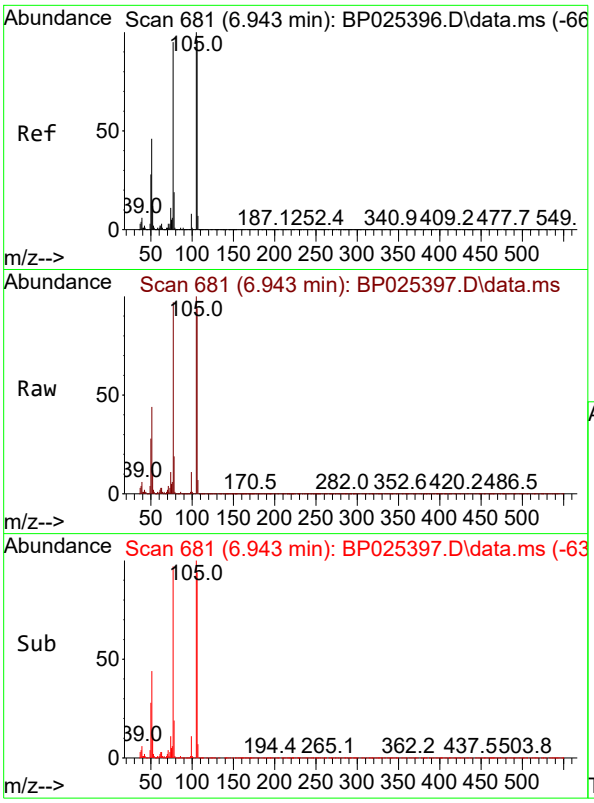


#8
2-Chlorophenol
Concen: 52.550 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

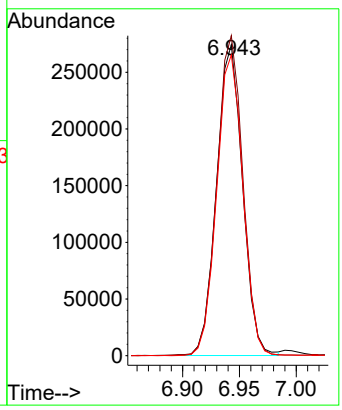




#9
Benzaldehyde
Concen: 58.325 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
BNA_P
ClientSampleId :
SSTDICC050

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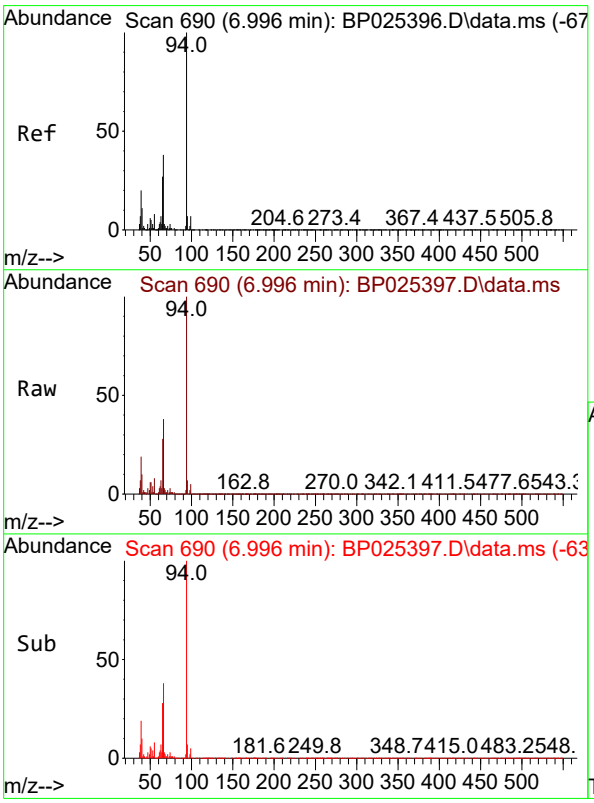
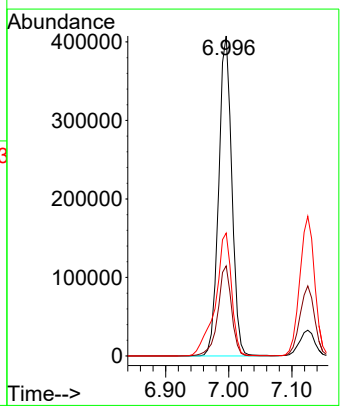
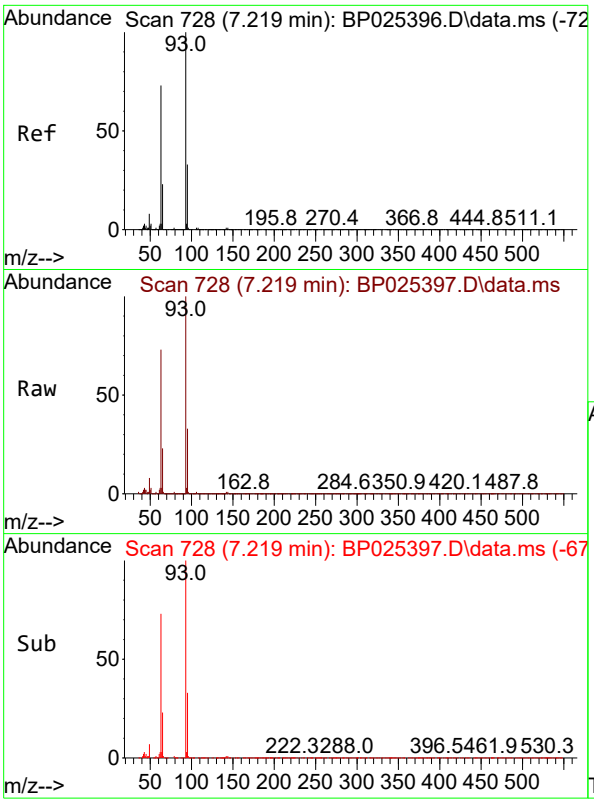


#10
Phenol
Concen: 52.687 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

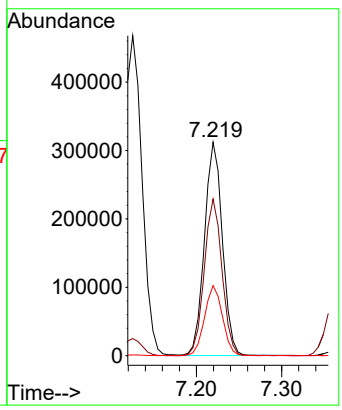




#11
bis(2-Chloroethyl)ether
Concen: 52.320 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
BNA_P
ClientSampleId :
SSTDICC050

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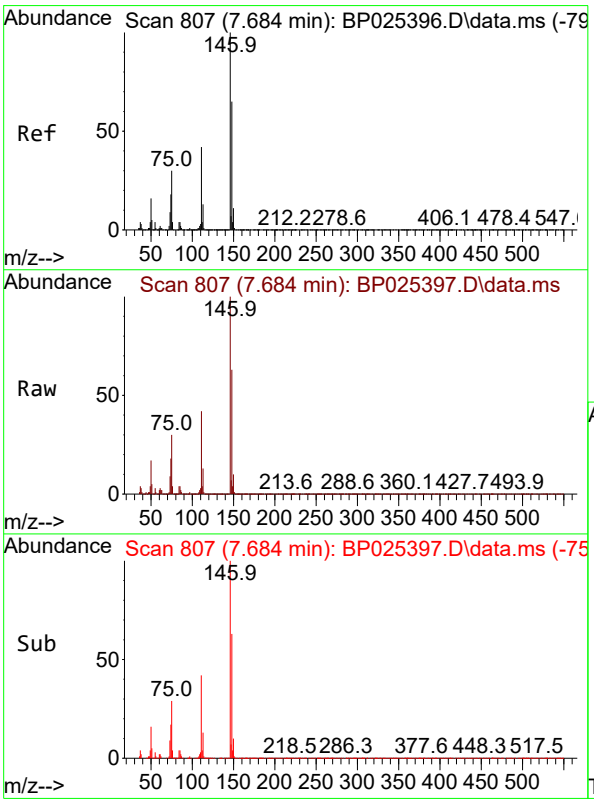
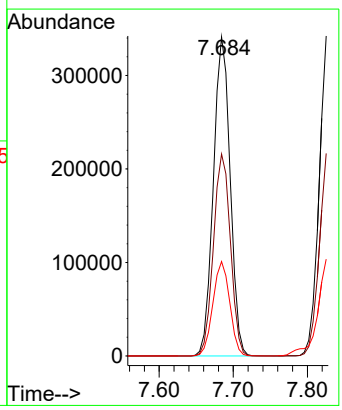
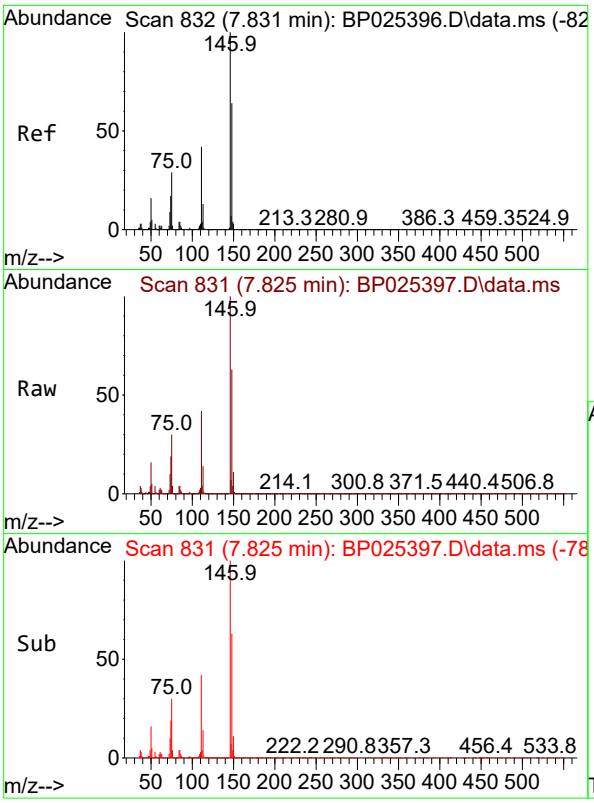


#12
1,3-Dichlorobenzene
Concen: 51.884 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

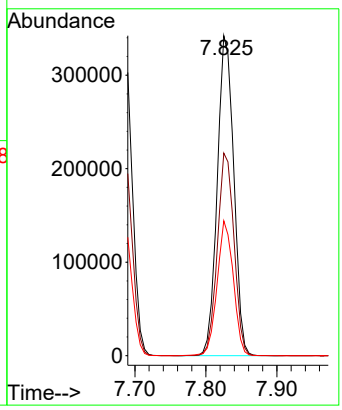




#13
1,4-Dichlorobenzene
Concen: 52.113 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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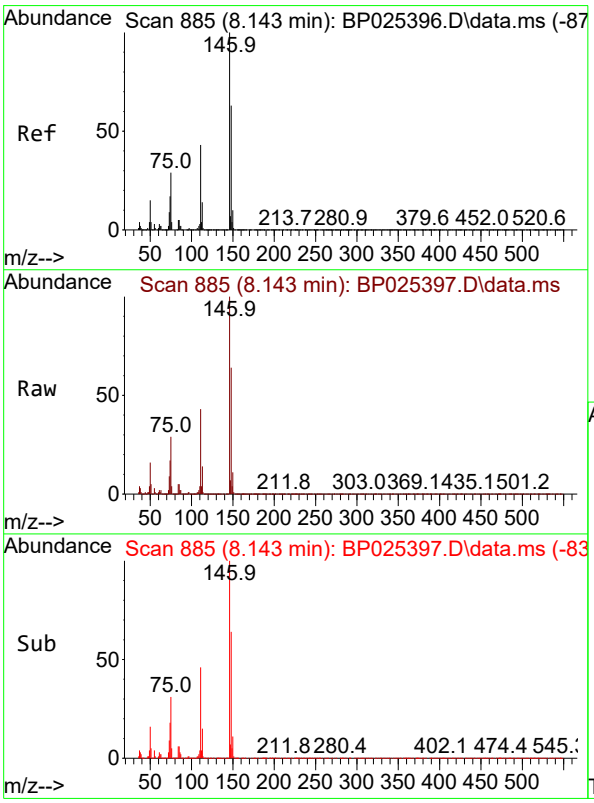
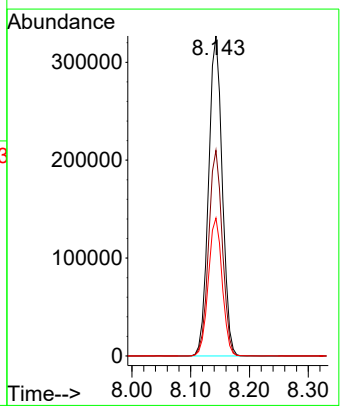
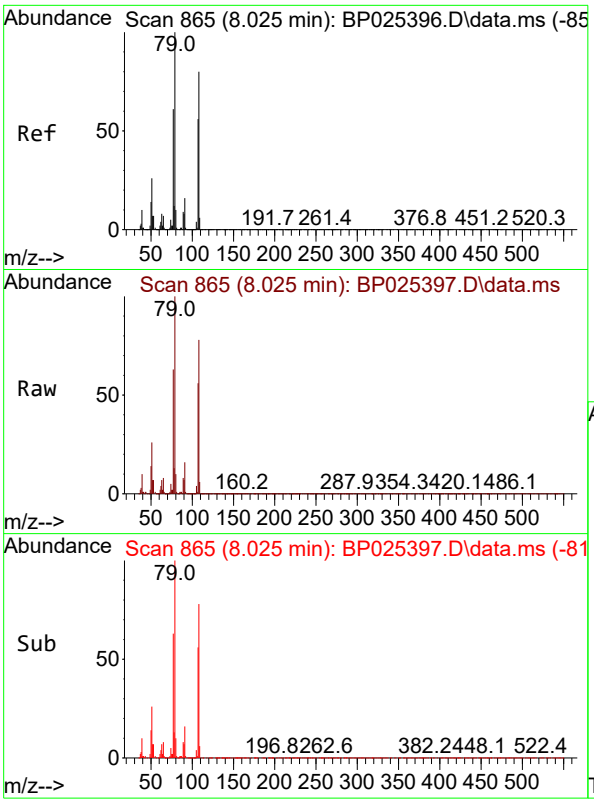


#14
1,2-Dichlorobenzene
Concen: 51.705 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

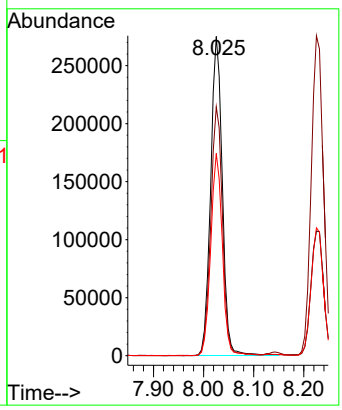




#15
Benzyl Alcohol
Concen: 52.458 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
BNA_P
ClientSampleId :
SSTDICC050

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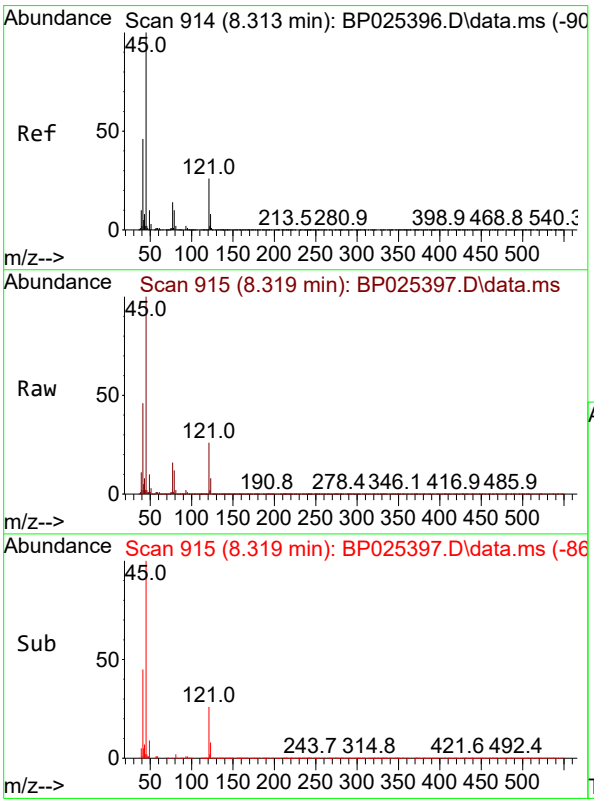
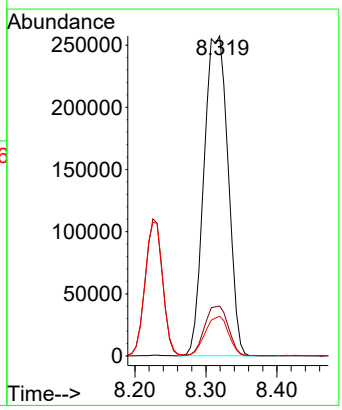
Supervised By :Jagrut Upadhyay 08/15/2025

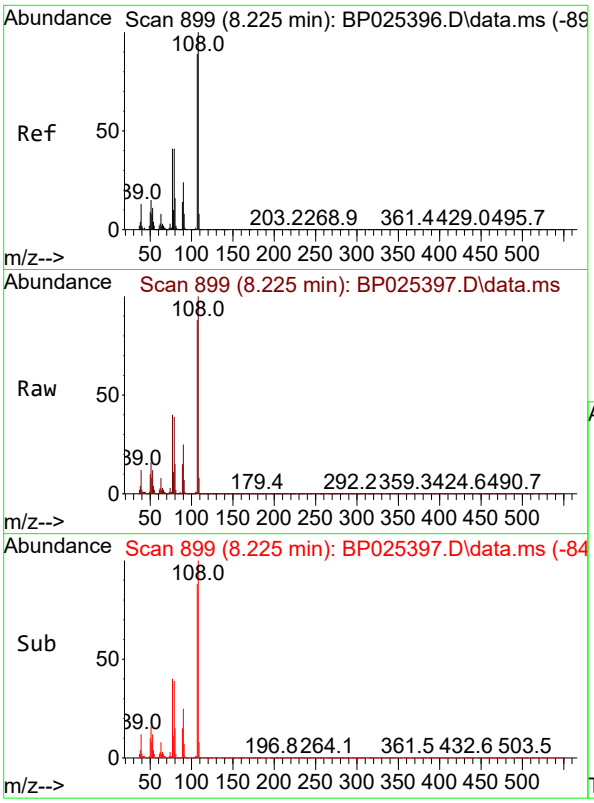


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.742 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

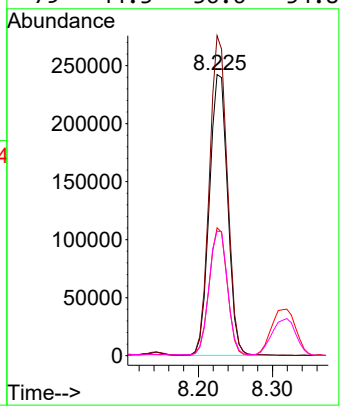




#17
2-Methylphenol
Concen: 53.211 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
BNA_P
ClientSampleId :
SSTDICC050

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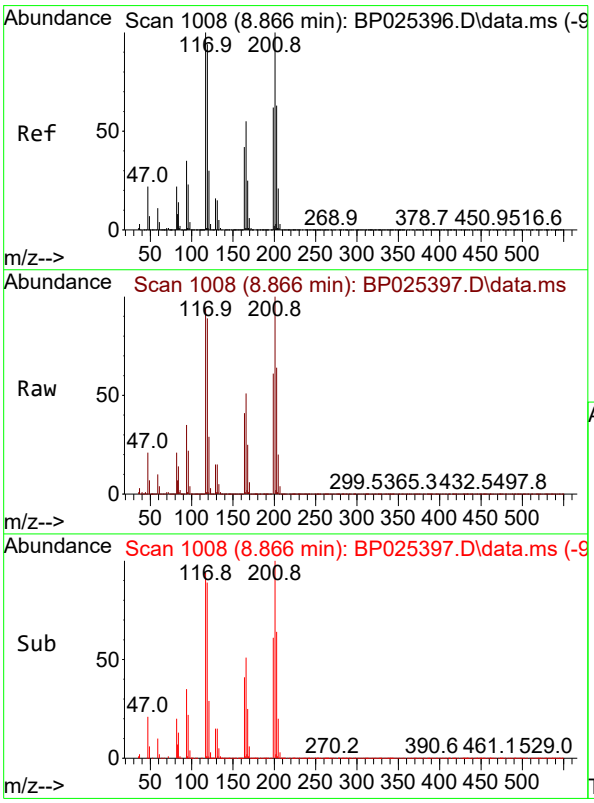
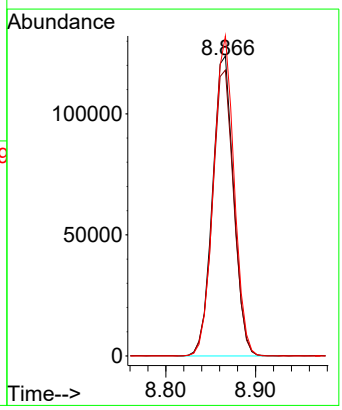
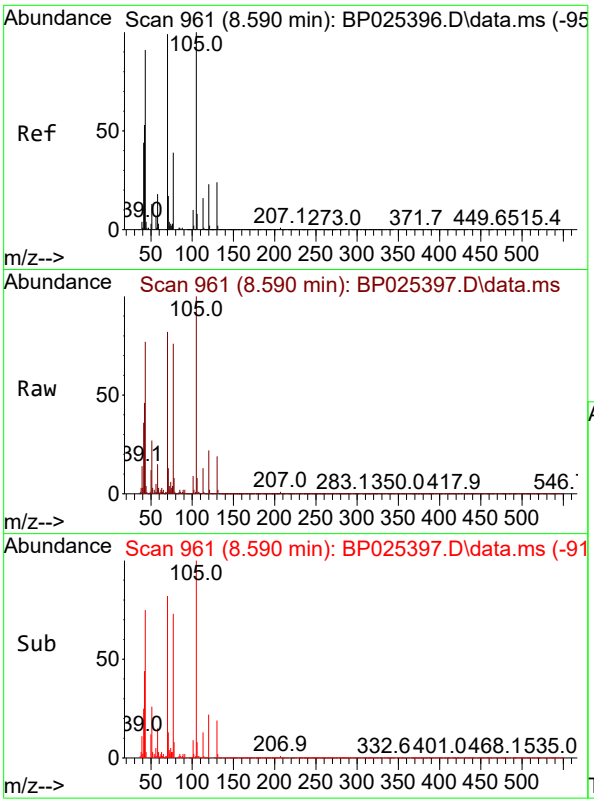


#18
Hexachloroethane
Concen: 52.178 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

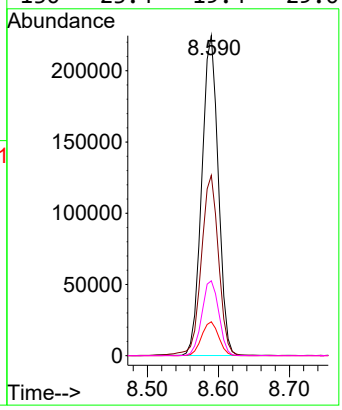




#19
n-Nitroso-di-n-propylamine
Concen: 51.419 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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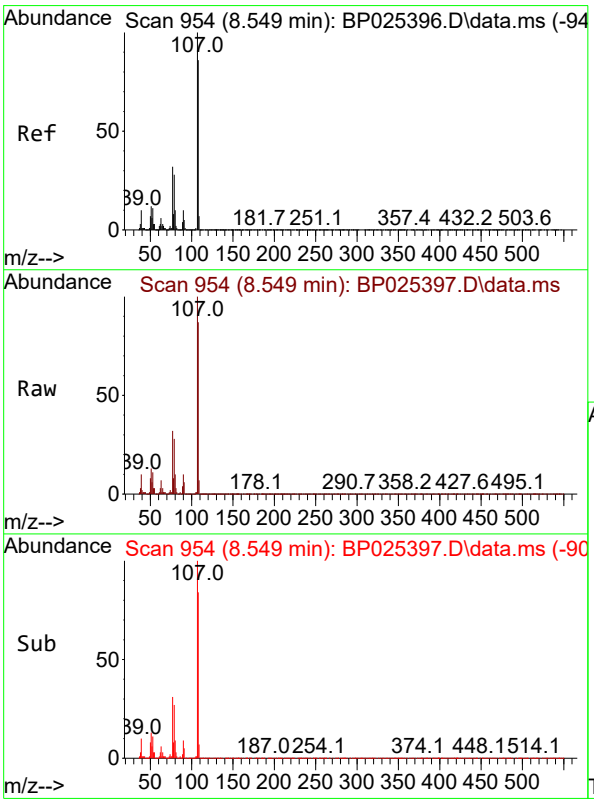
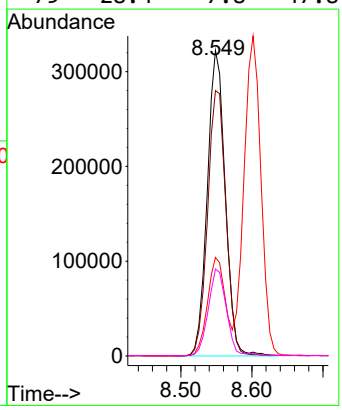
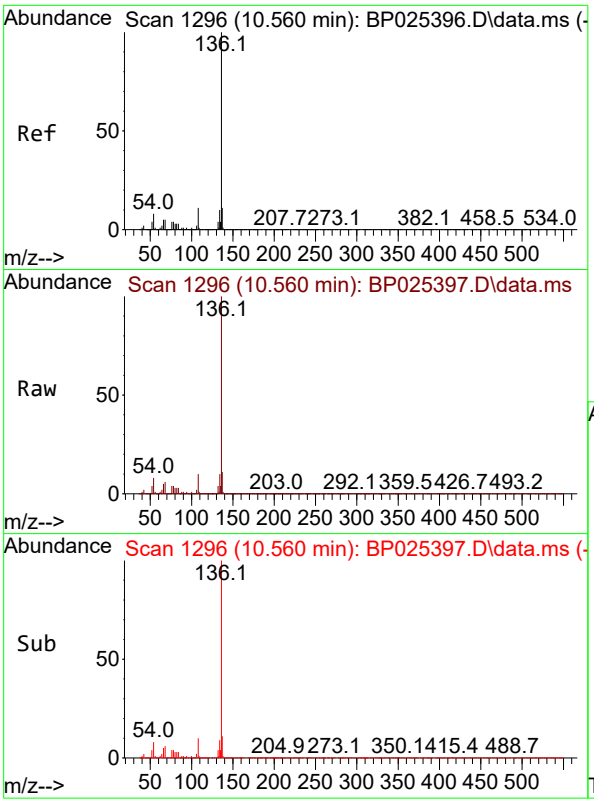


#20
3+4-Methylphenols
Concen: 52.538 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

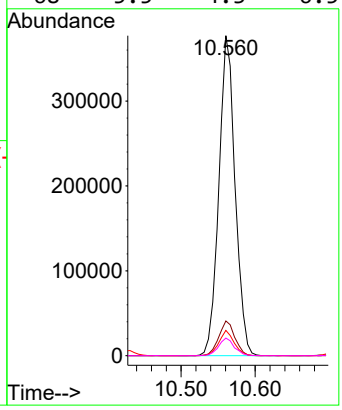




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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ClientSampleId :
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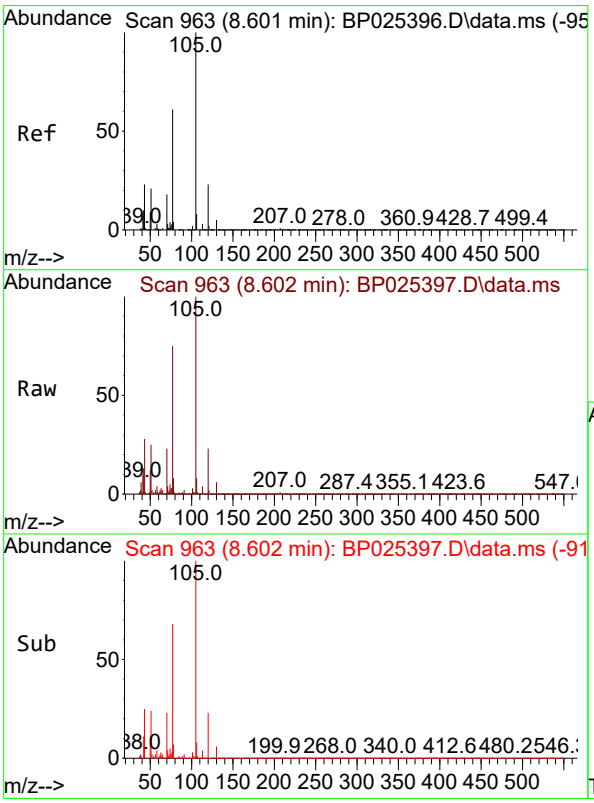
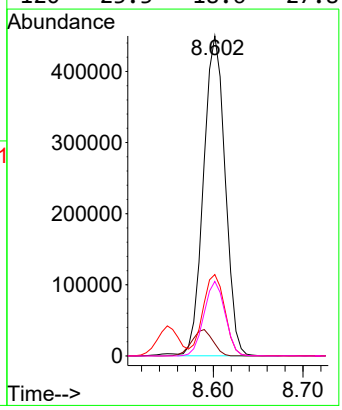
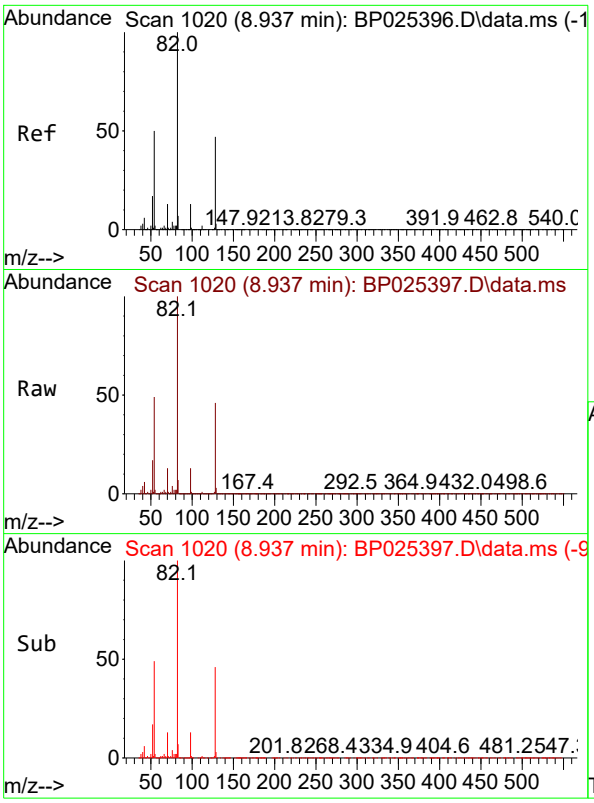


#22
Acetophenone
Concen: 52.131 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

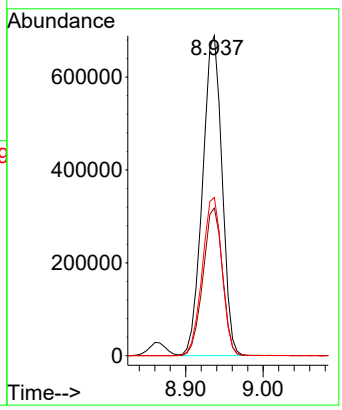




#23
Nitrobenzene-d5
Concen: 105.910 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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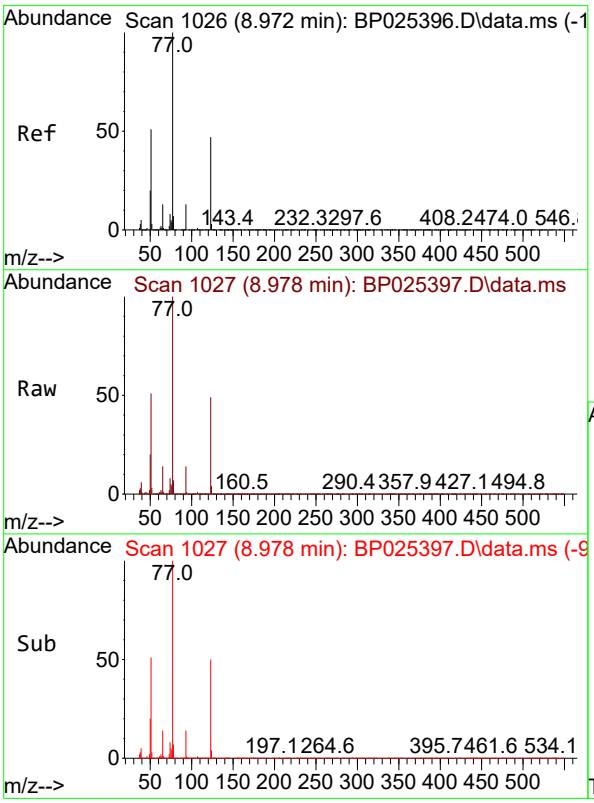
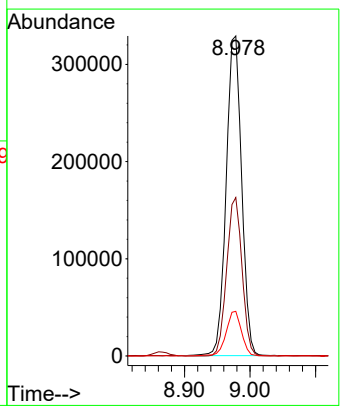
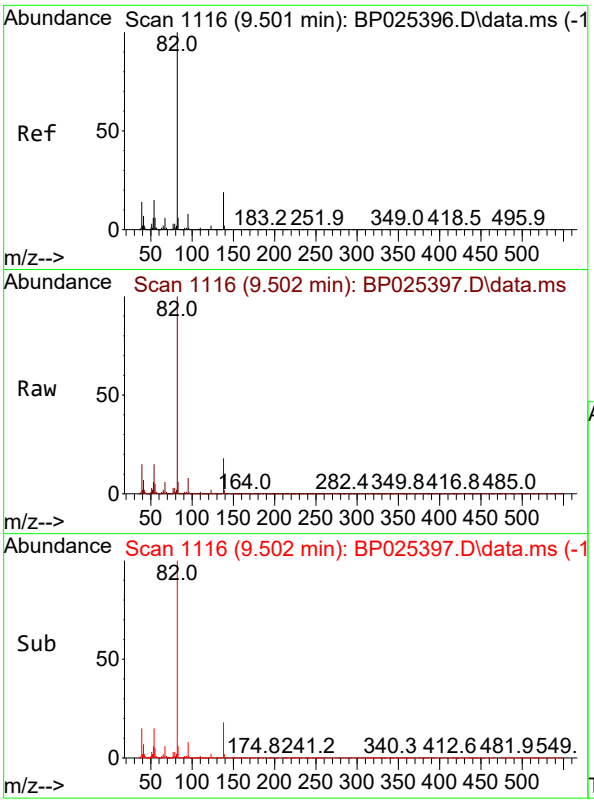


#24
Nitrobenzene
Concen: 53.024 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

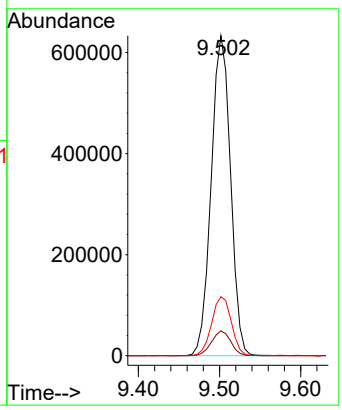




#25
Isophorone
Concen: 52.182 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
BNA_P
ClientSampleId :
SSTDICC050

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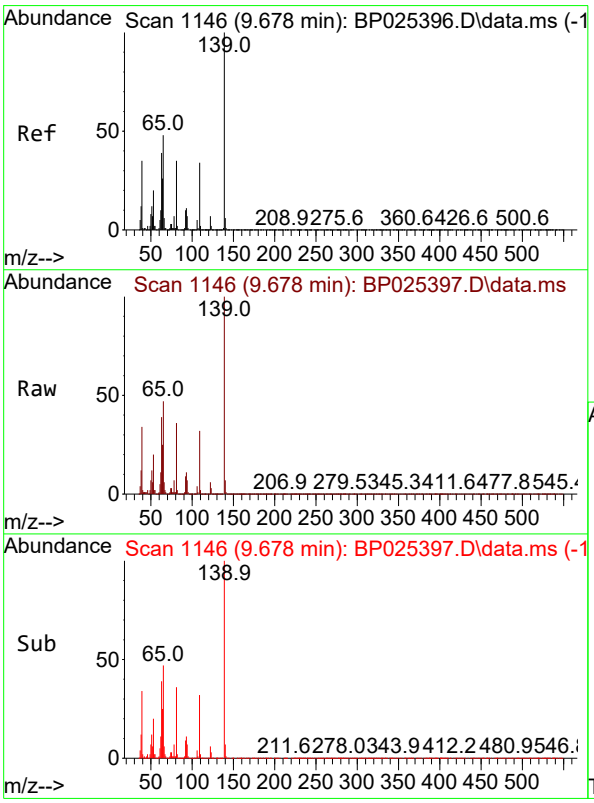
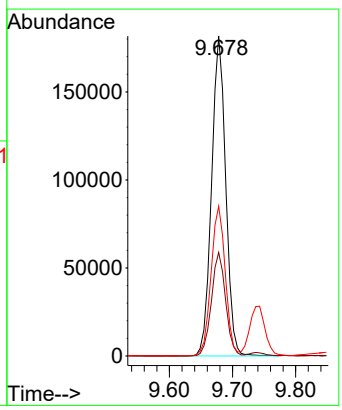
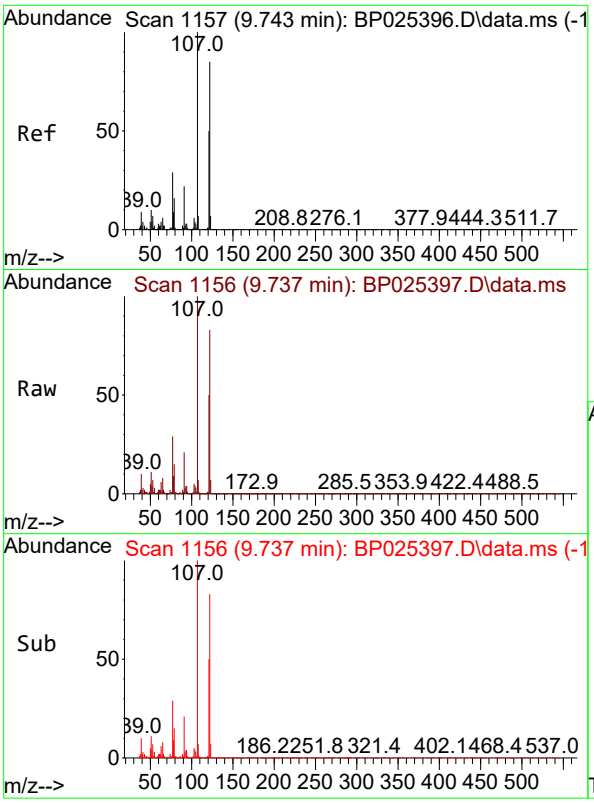


#26
2-Nitrophenol
Concen: 54.323 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

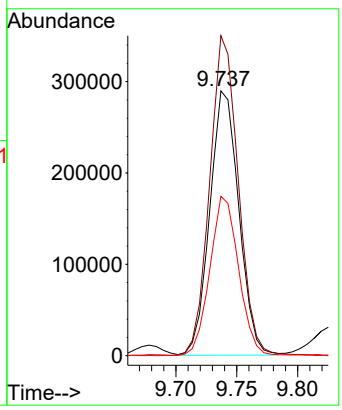




#27
2,4-Dimethylphenol
Concen: 53.806 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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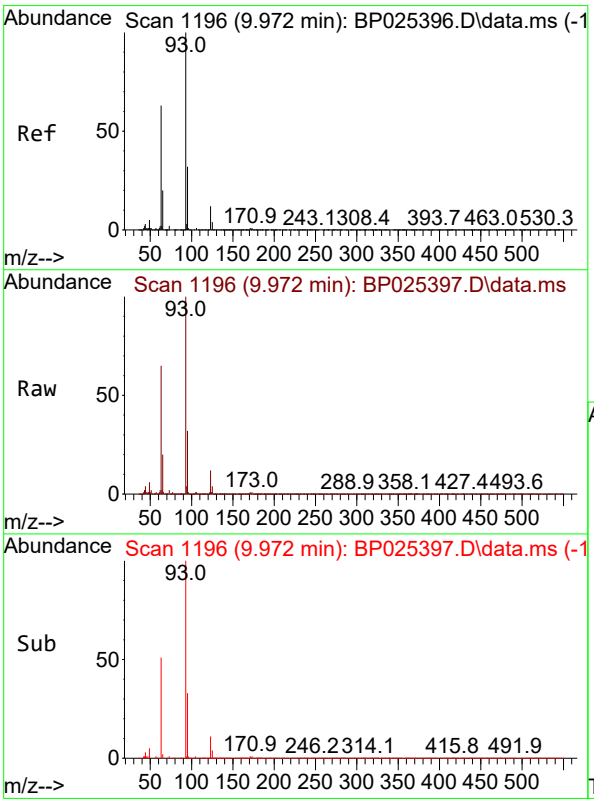
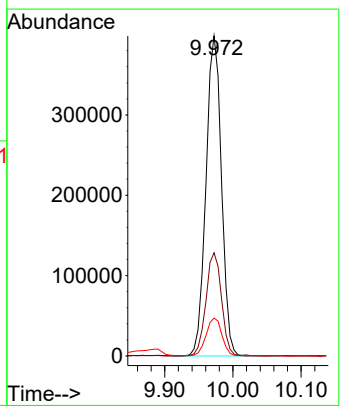
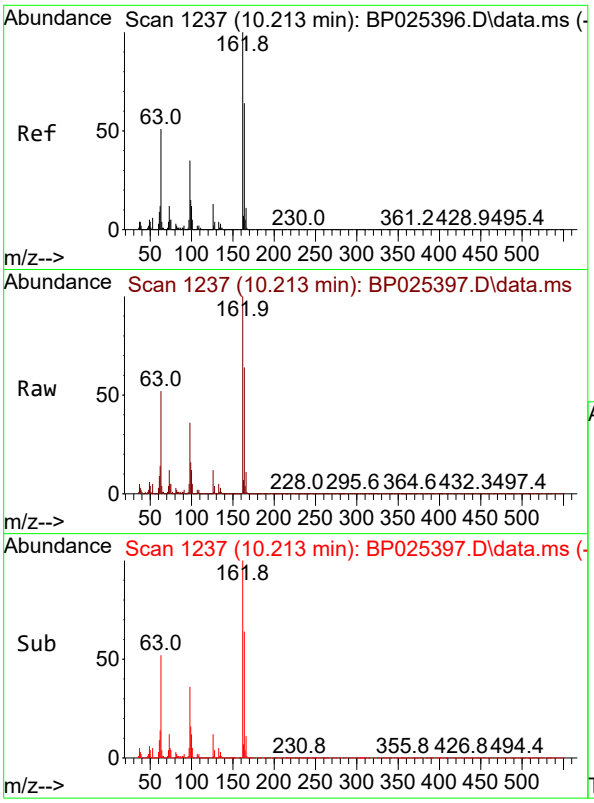


#28
bis(2-Chloroethoxy)methane
Concen: 51.909 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

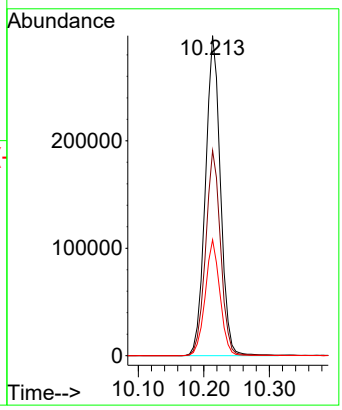




#29
2,4-Dichlorophenol
Concen: 53.478 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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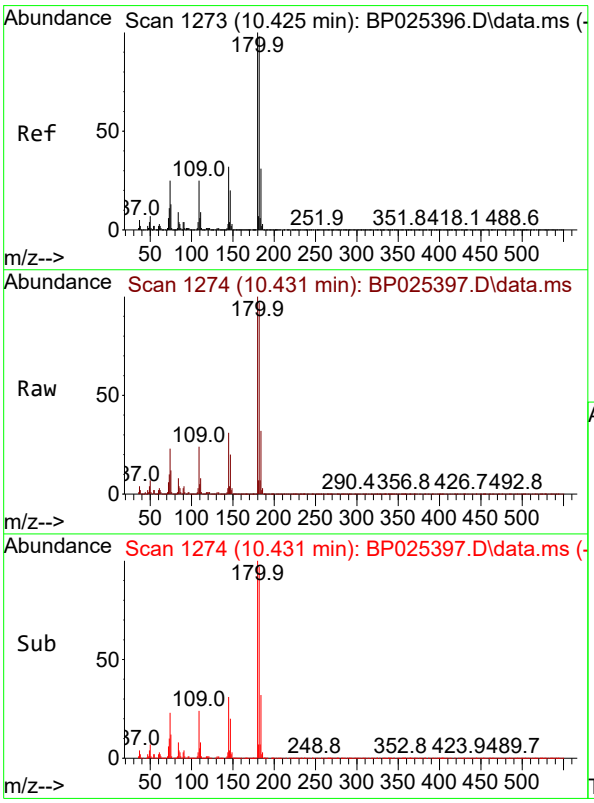
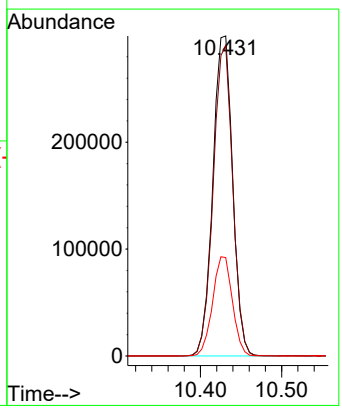
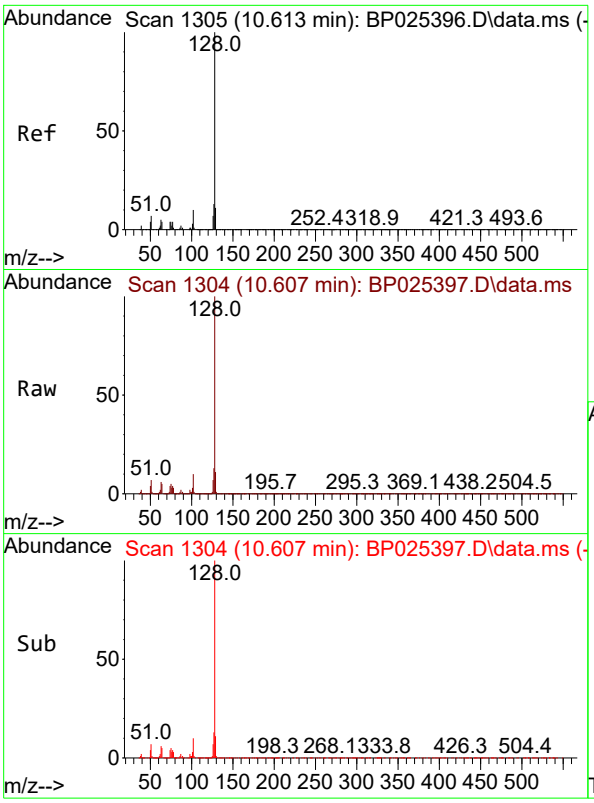


#30
1,2,4-Trichlorobenzene
Concen: 52.101 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

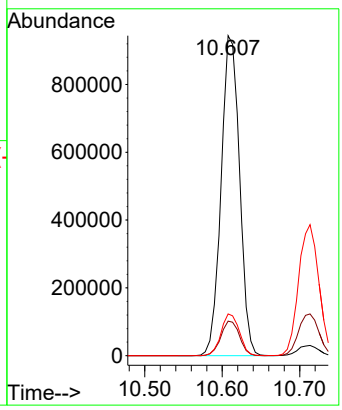




#31
Naphthalene
Concen: 52.305 ng
RT: 10.607 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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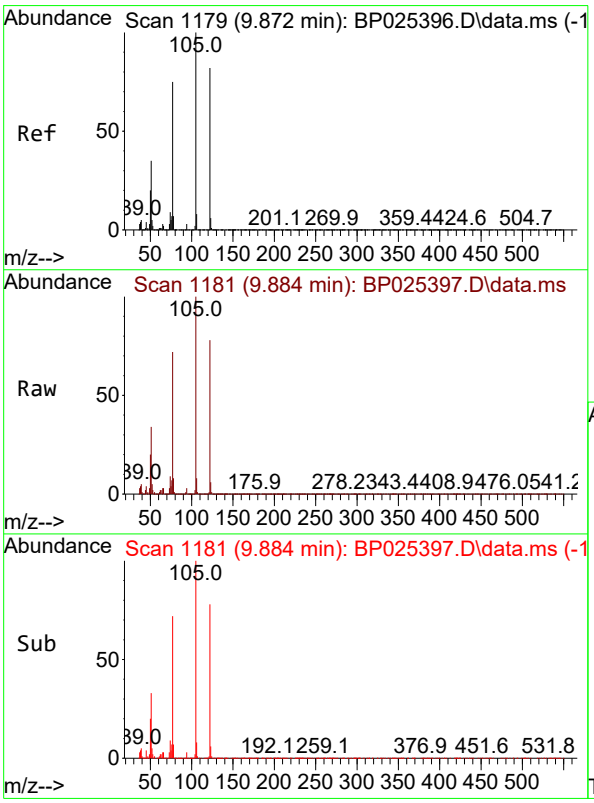
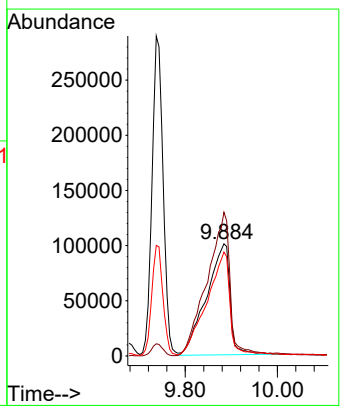
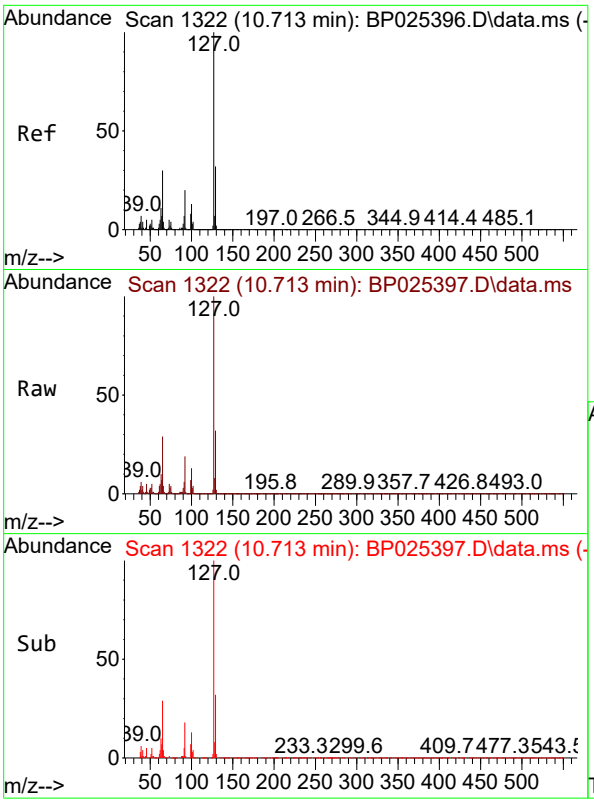


#32
Benzoic acid
Concen: 54.274 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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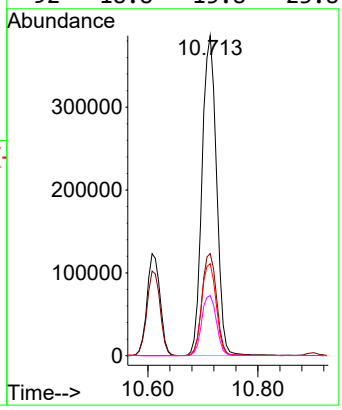
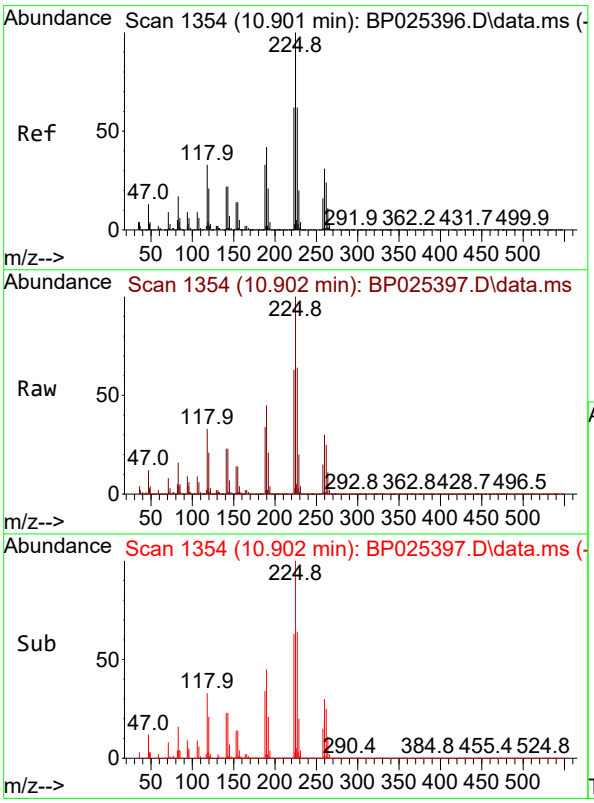
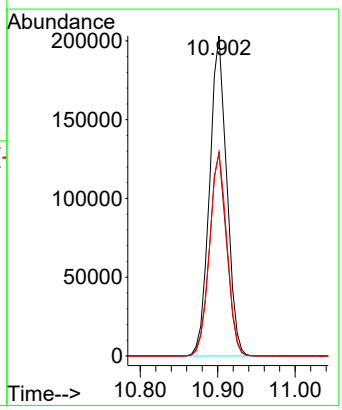


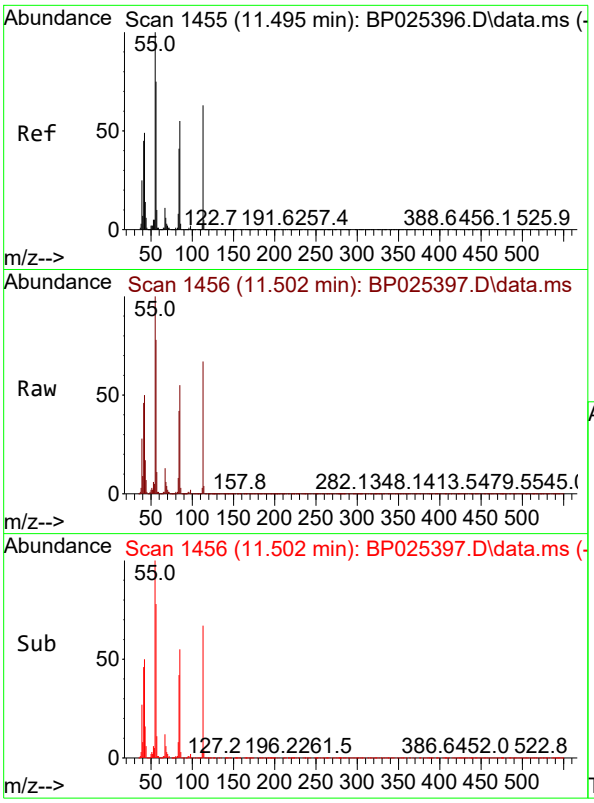


#34
Hexachlorobutadiene
Concen: 51.436 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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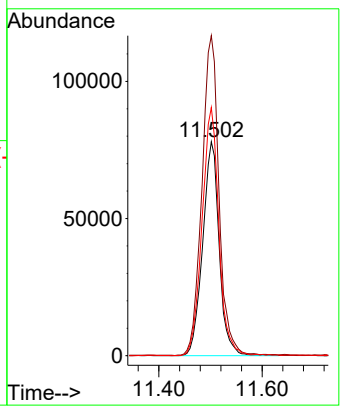
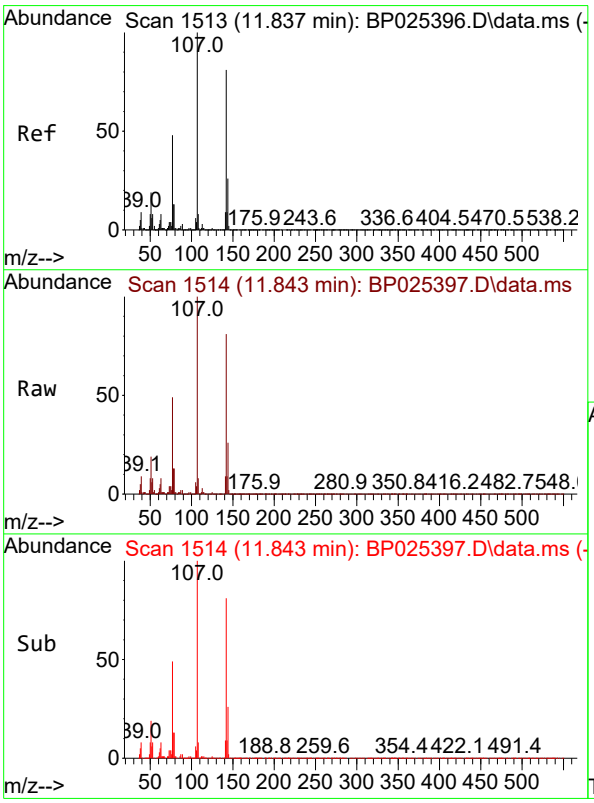
Supervised By :Jagrut Upadhyay 08/15/2025

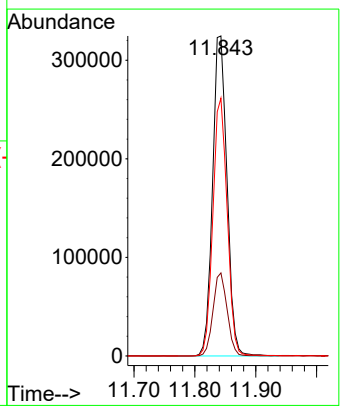


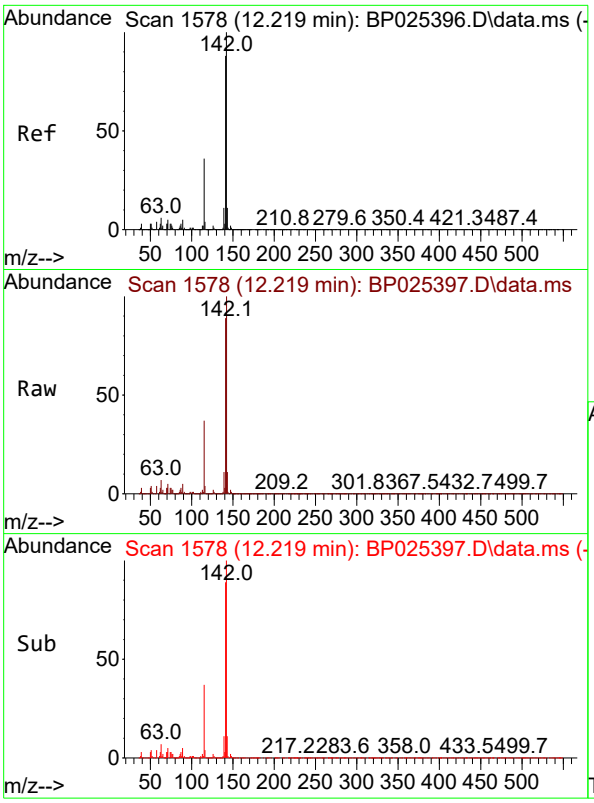


#36
4-Chloro-3-methylphenol
Concen: 52.407 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

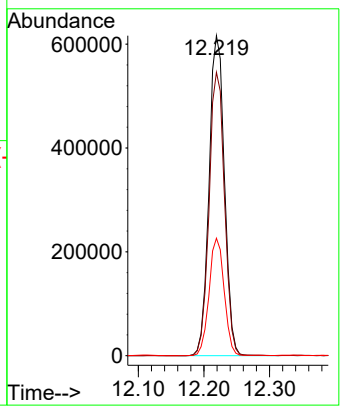




#37
2-Methylnaphthalene
Concen: 51.710 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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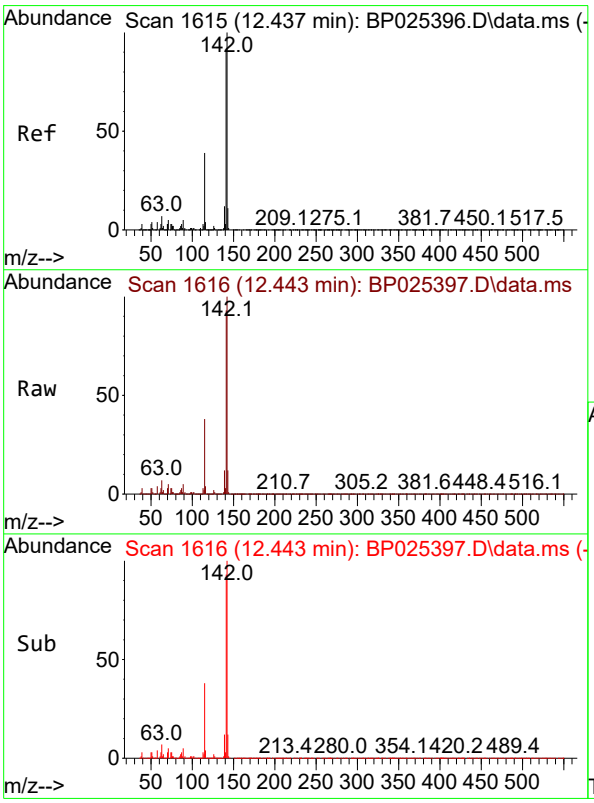
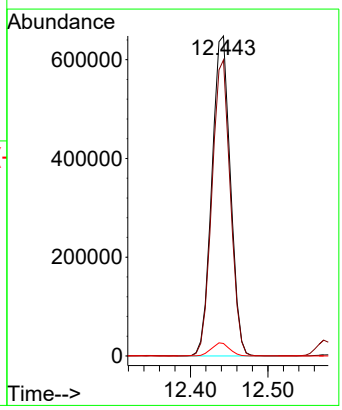
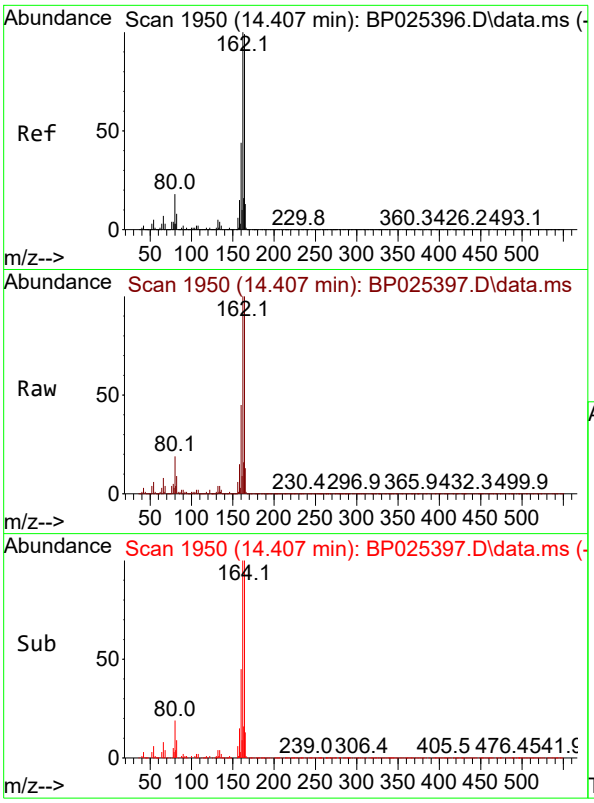


#38
1-Methylnaphthalene
Concen: 52.167 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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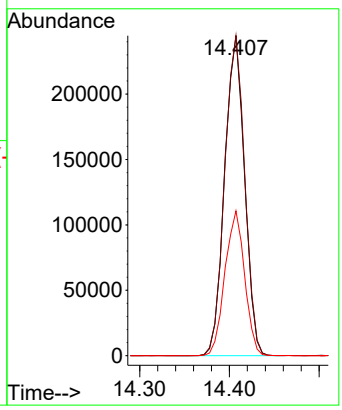
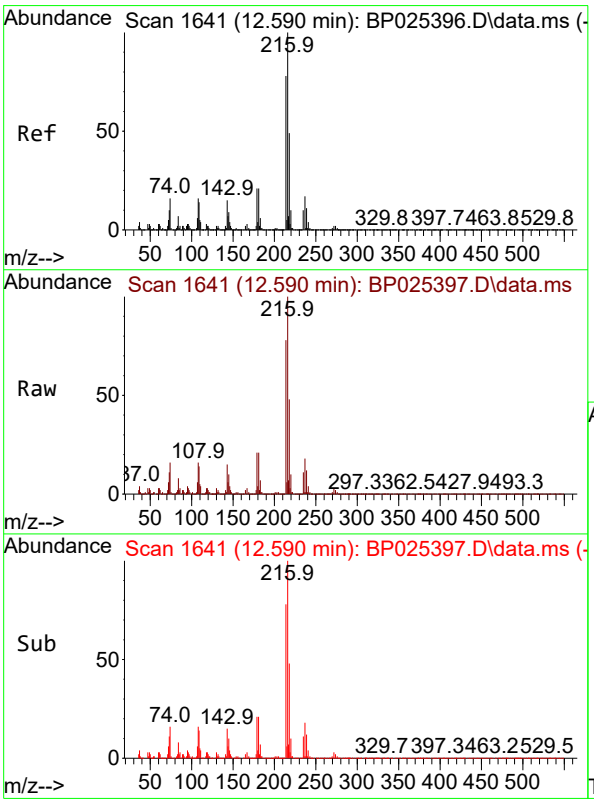
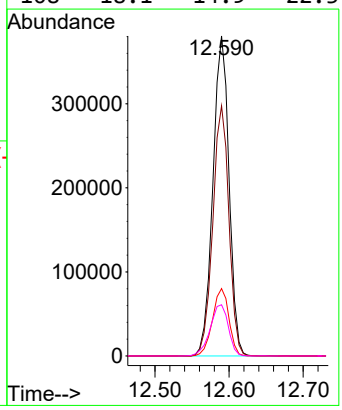


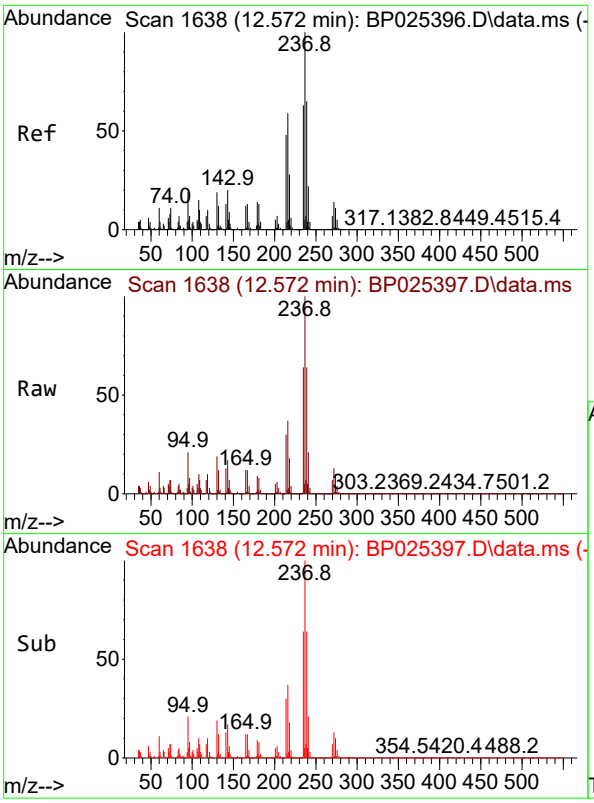


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.769 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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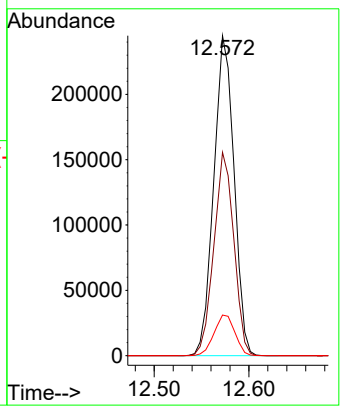
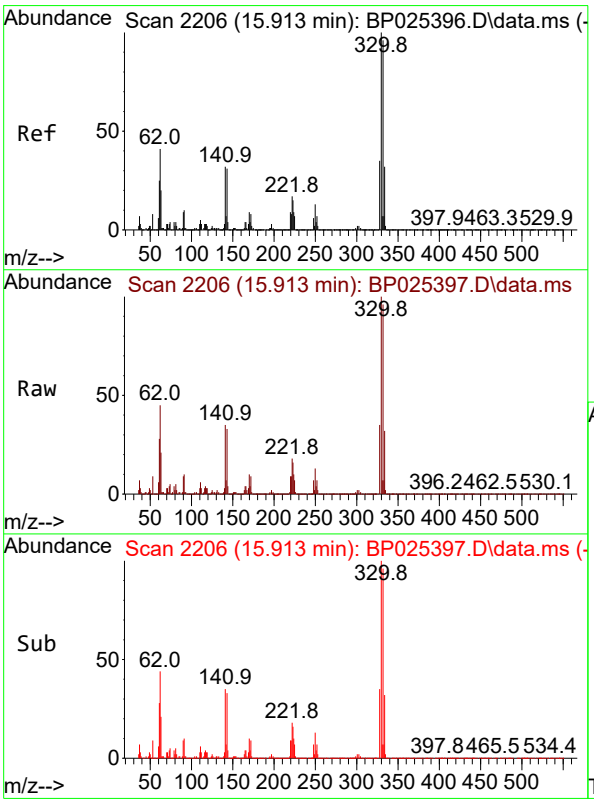
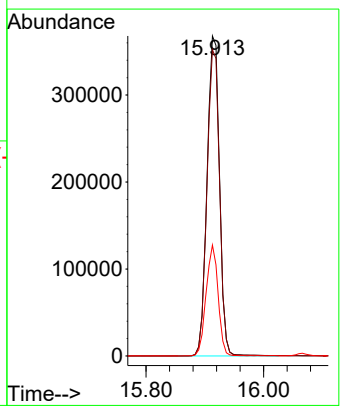


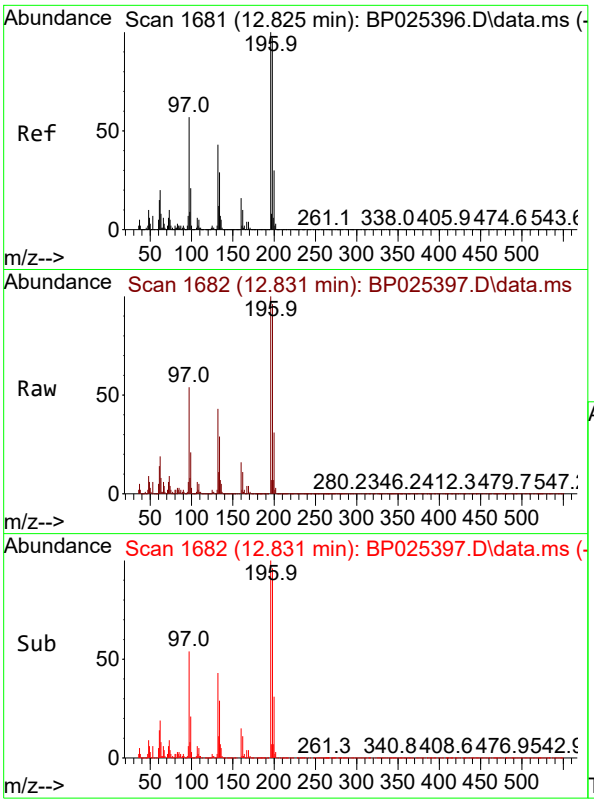


#42
2,4,6-Tribromophenol
Concen: 106.352 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

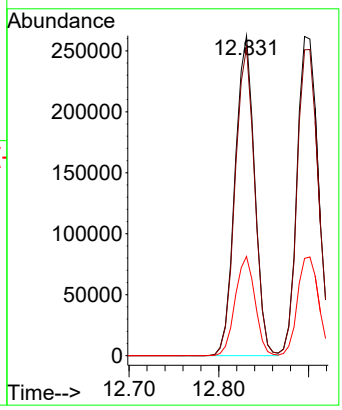




#43
2,4,6-Trichlorophenol
Concen: 53.971 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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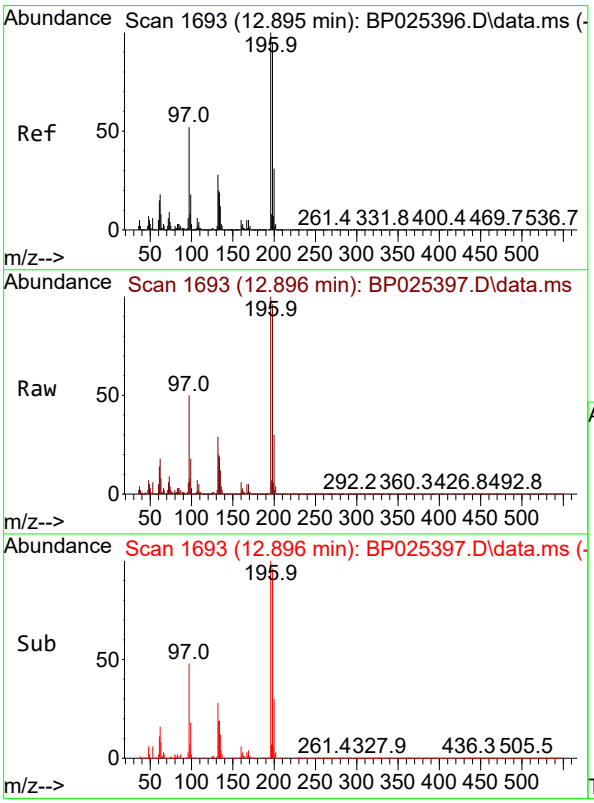
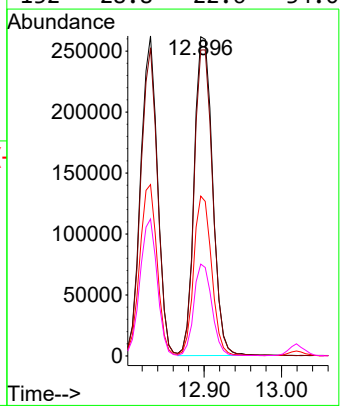
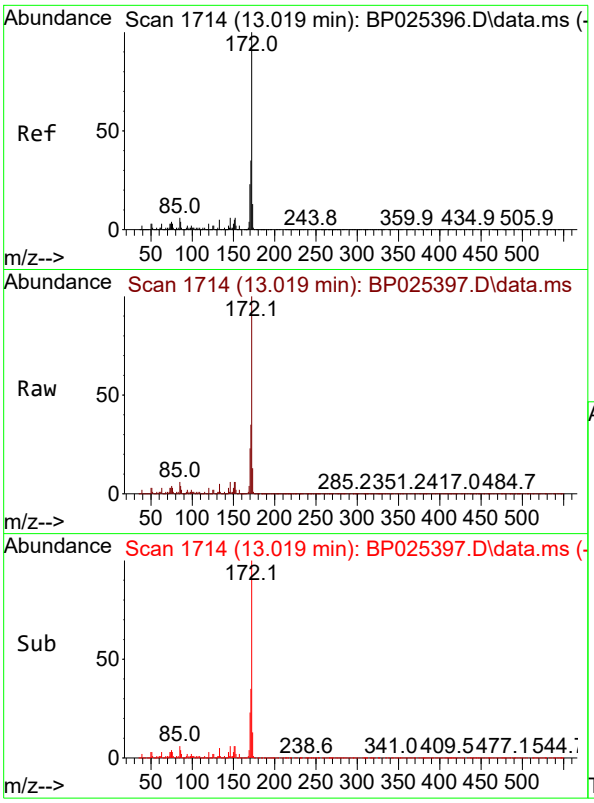


#44
2,4,5-Trichlorophenol
Concen: 53.421 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

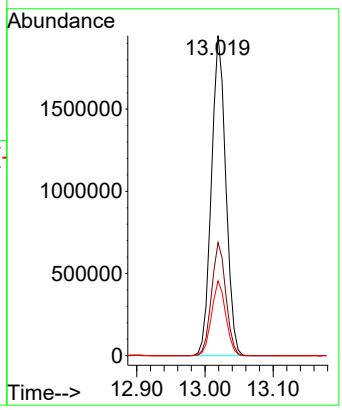




#45
2-Fluorobiphenyl
Concen: 103.632 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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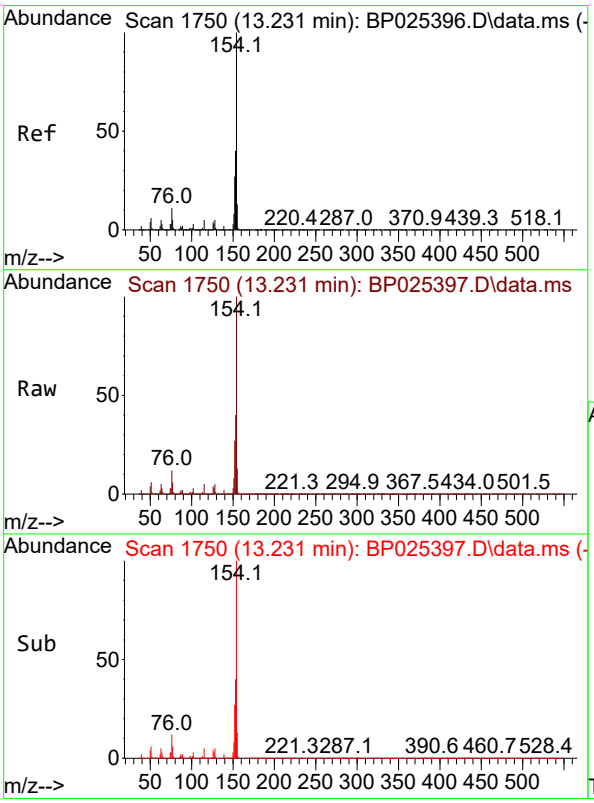
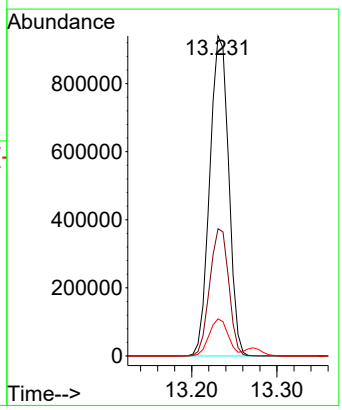
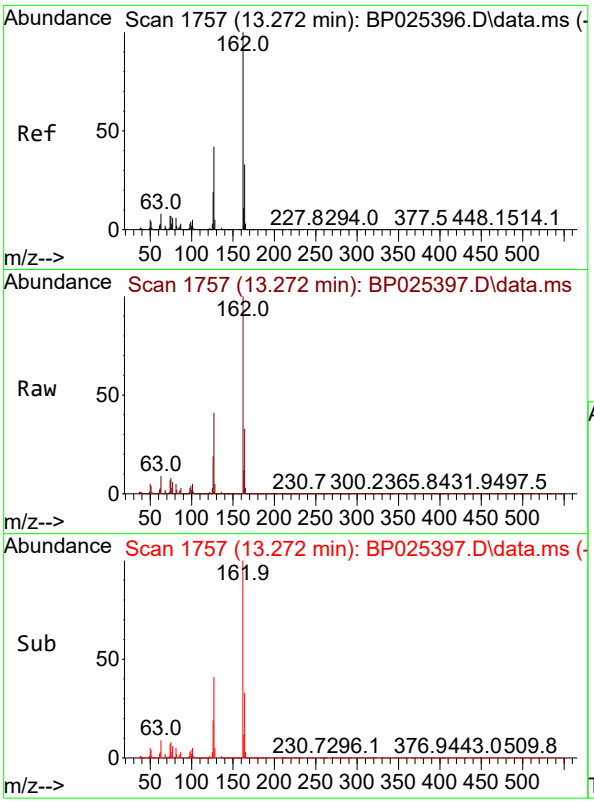


#46
1,1'-Biphenyl
Concen: 52.922 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

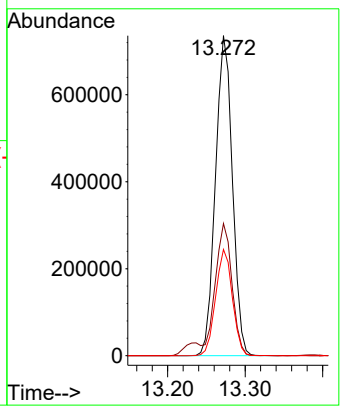




#47
2-Chloronaphthalene
Concen: 52.344 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
SSTDICC050

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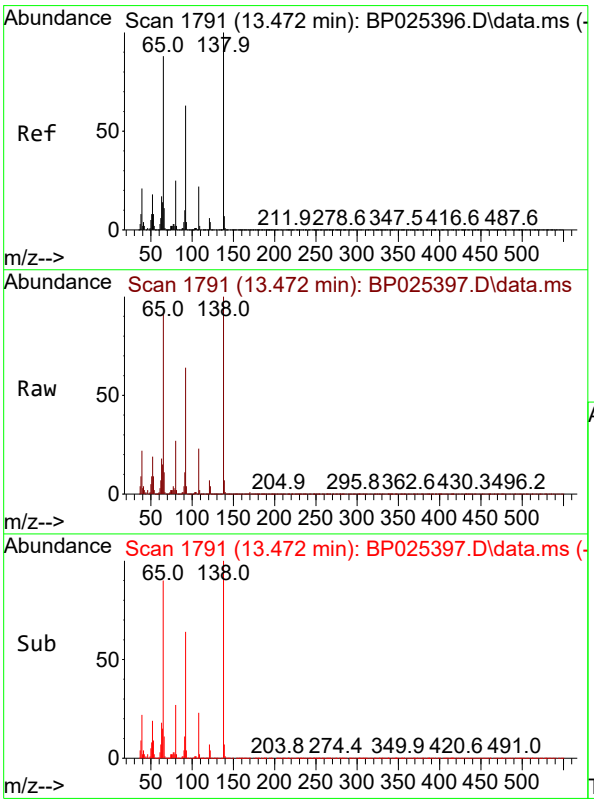
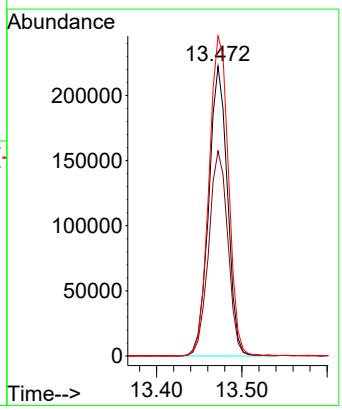
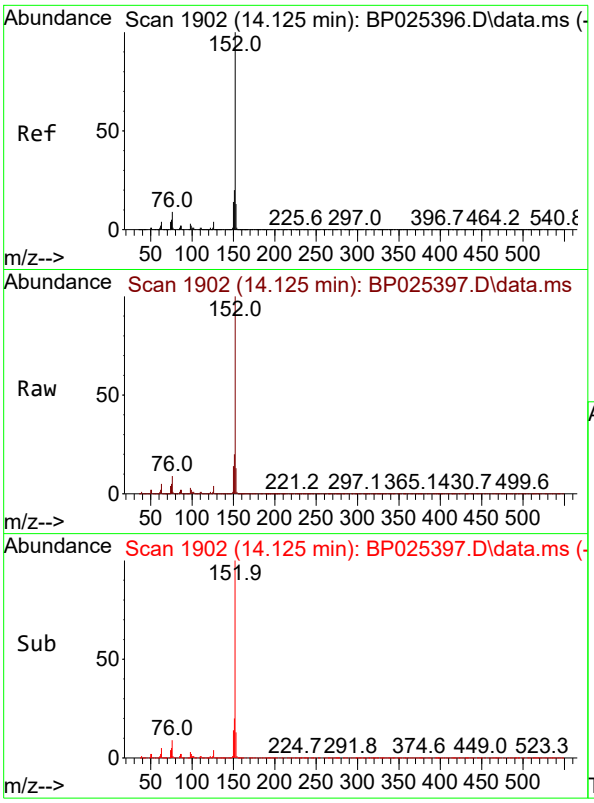


#48
2-Nitroaniline
Concen: 54.613 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

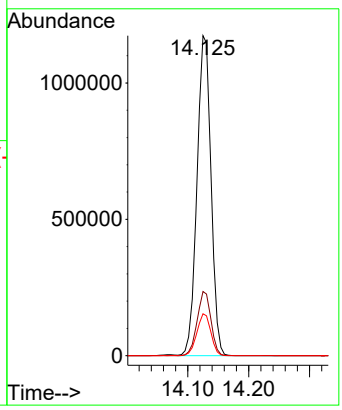




#49
Acenaphthylene
Concen: 53.227 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
SSTDICC050

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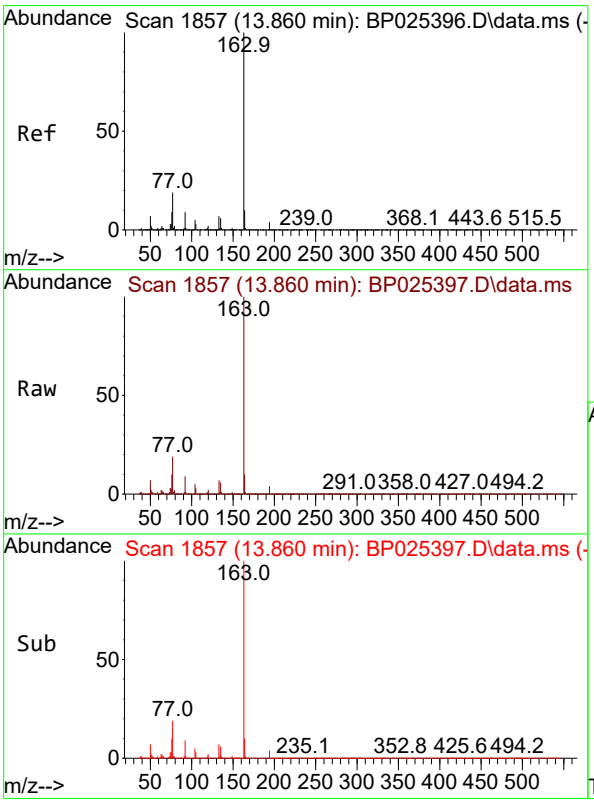
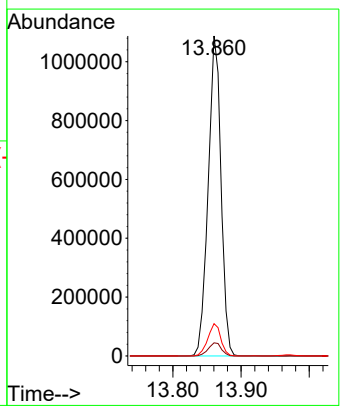
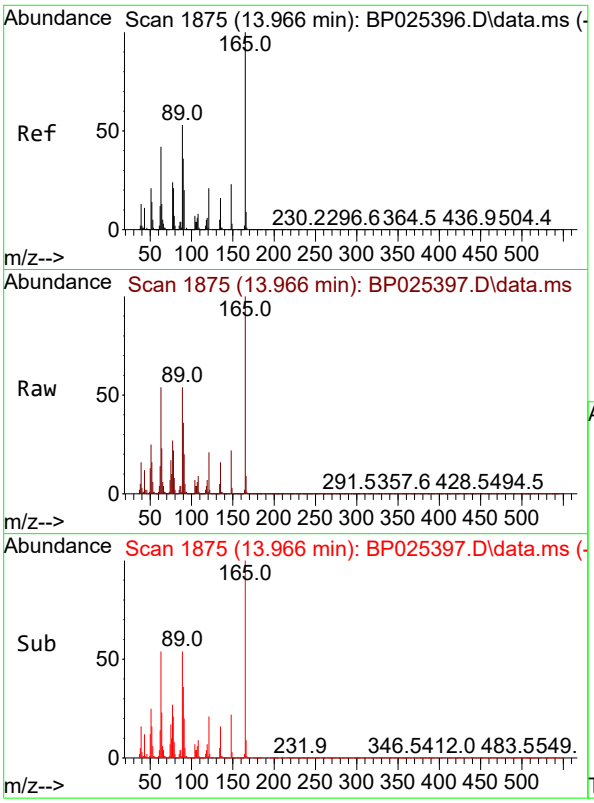


#50
Dimethylphthalate
Concen: 51.622 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

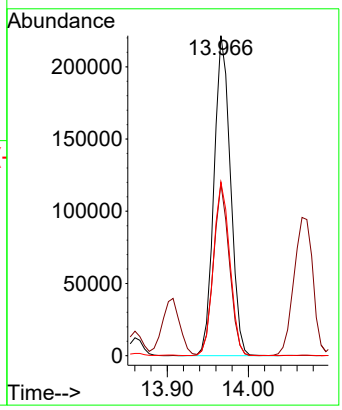




#51
2,6-Dinitrotoluene
Concen: 53.683 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
BNA_P
ClientSampleId :
SSTDICC050

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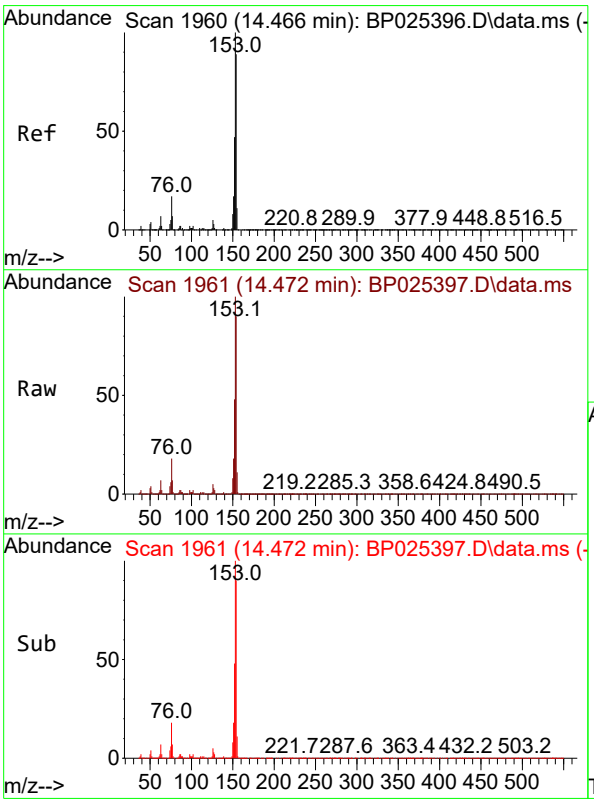
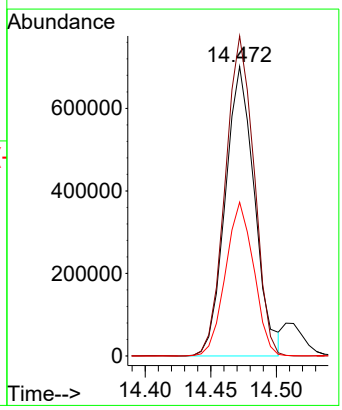
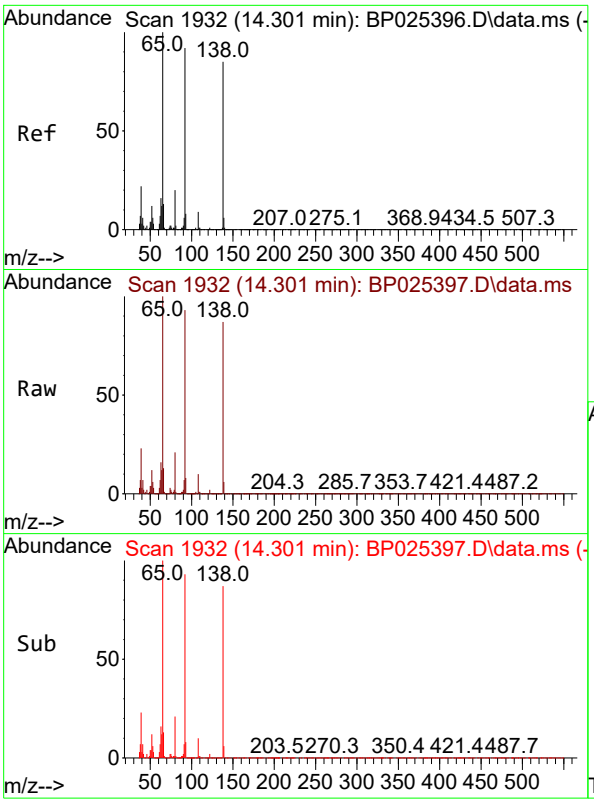


#52
Acenaphthene
Concen: 52.577 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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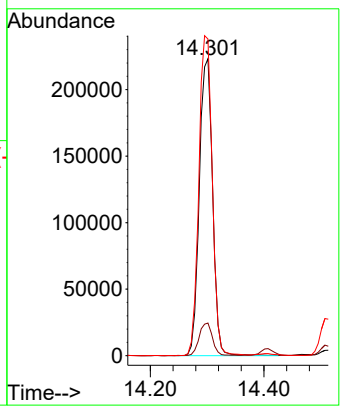
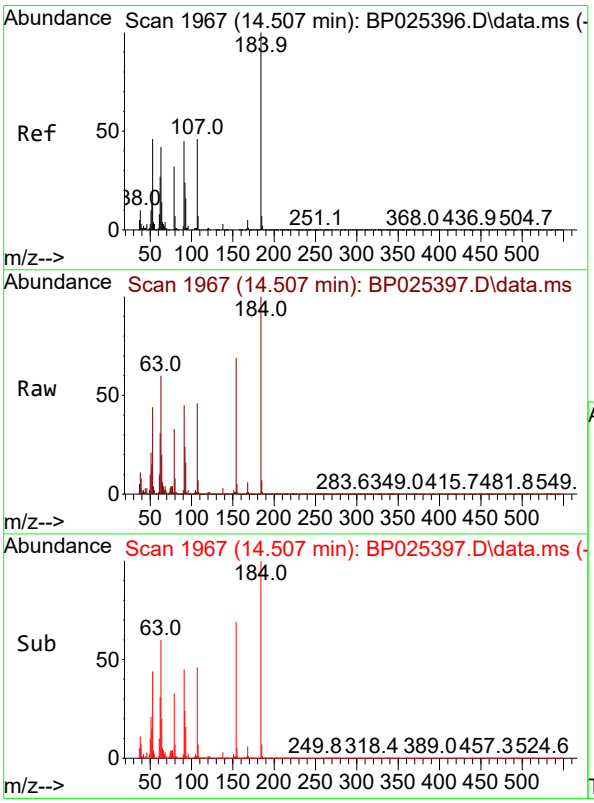
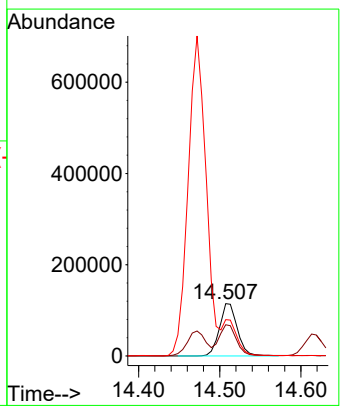


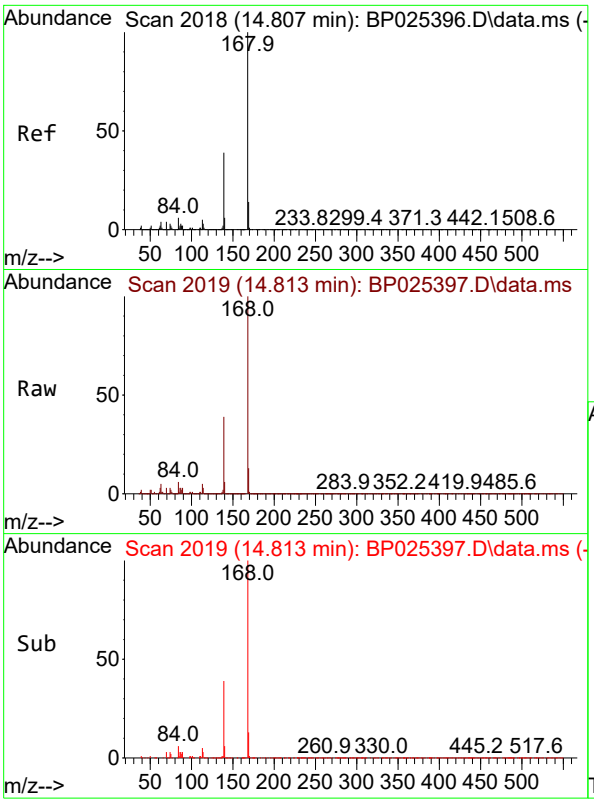


#54
2,4-Dinitrophenol
Concen: 56.503 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

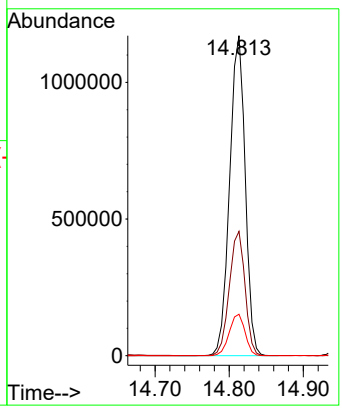




#55
Dibenzofuran
Concen: 52.147 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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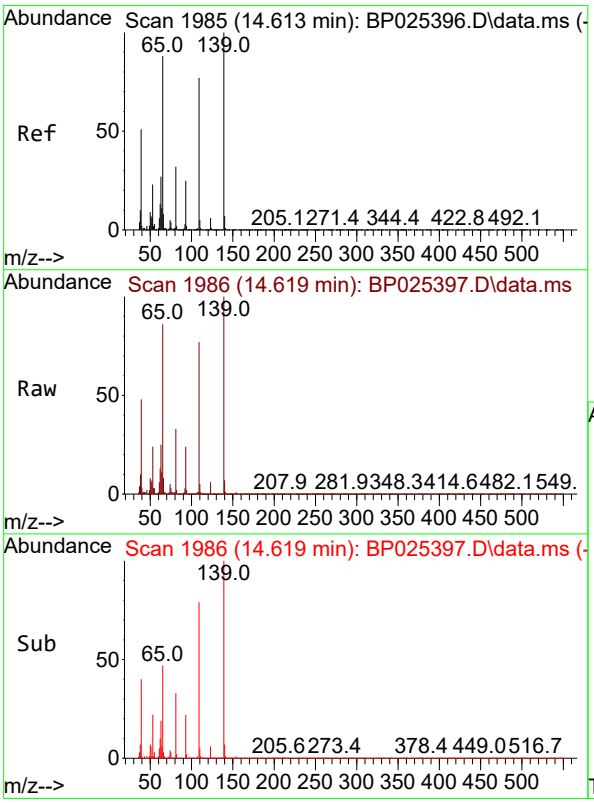
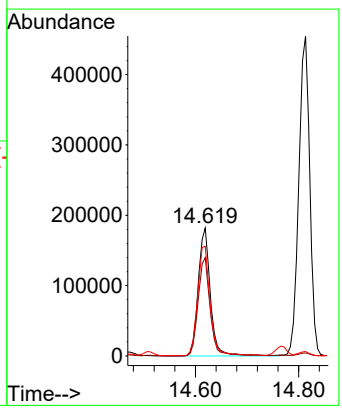
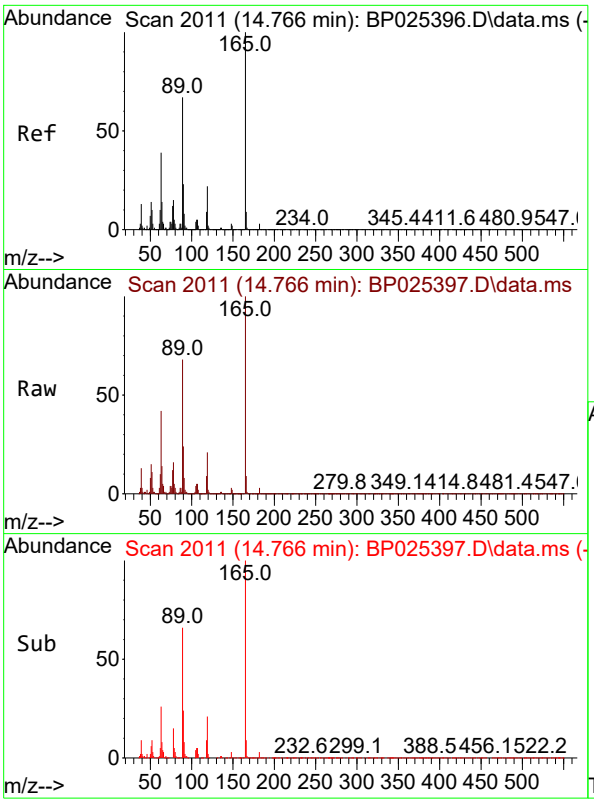


#56
4-Nitrophenol
Concen: 55.103 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

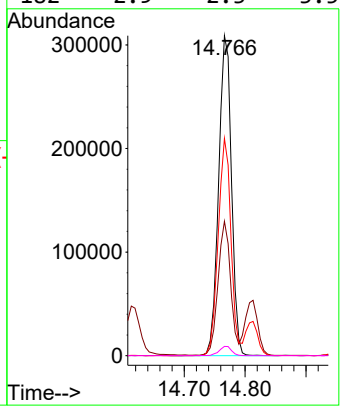




#57
2,4-Dinitrotoluene
Concen: 54.354 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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ClientSampleId :
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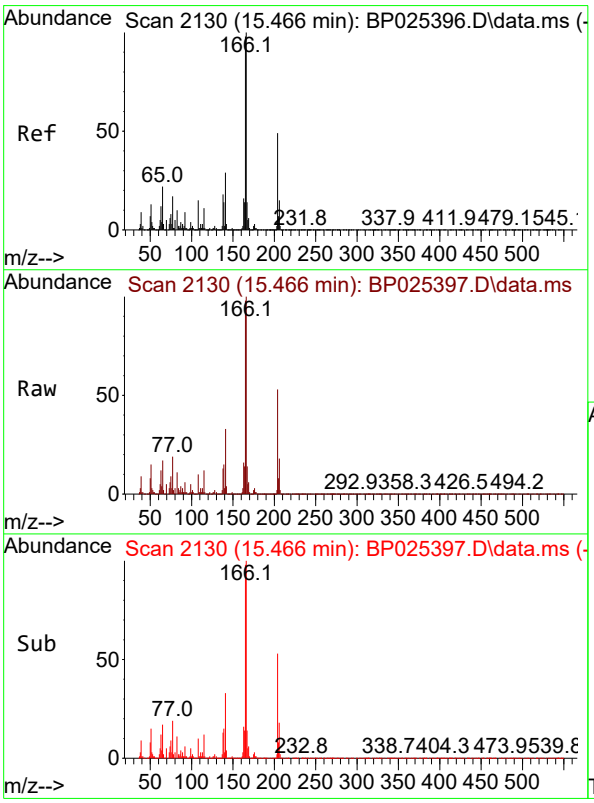
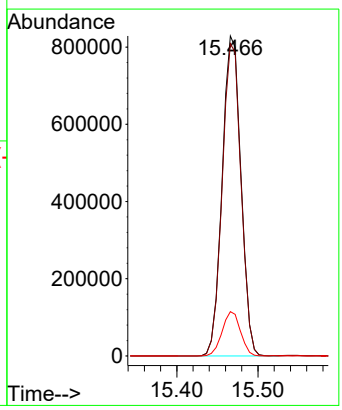
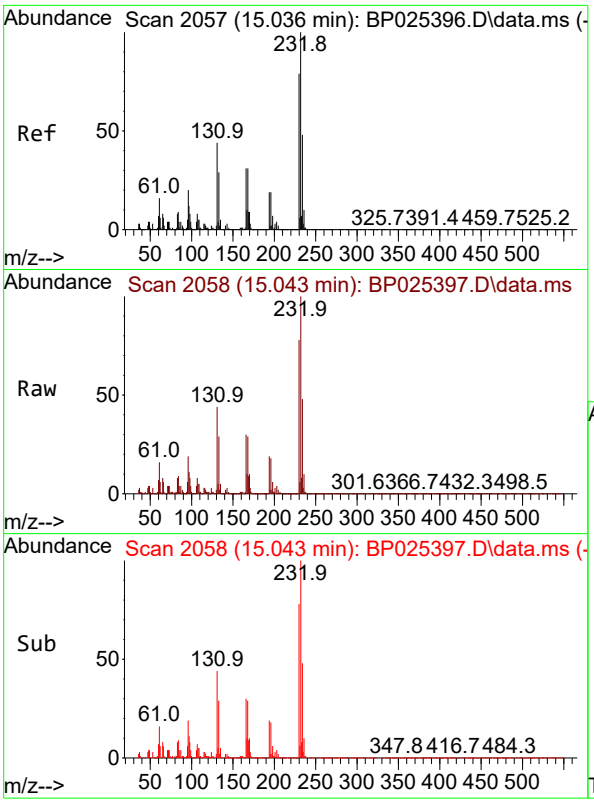


#58
Fluorene
Concen: 51.627 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

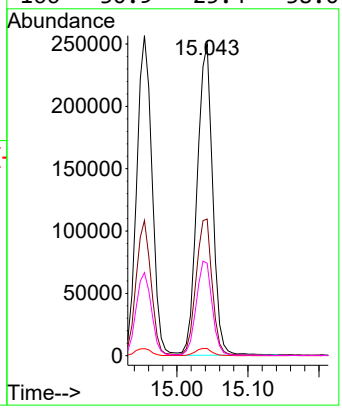




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.281 ng
RT: 15.043 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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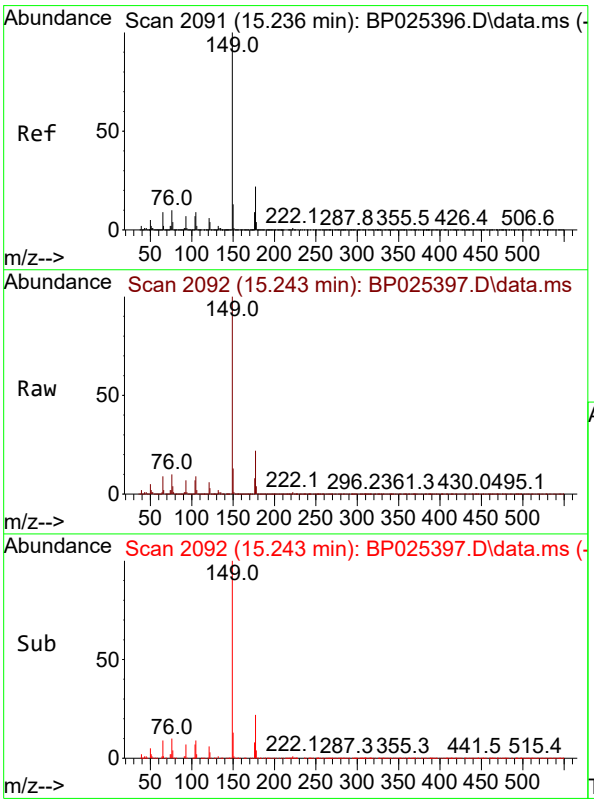
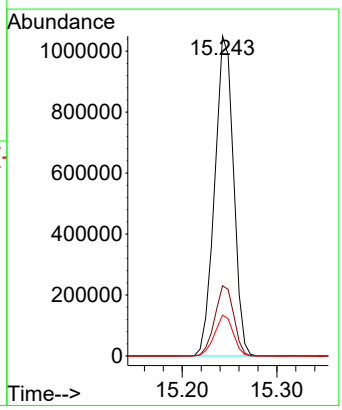
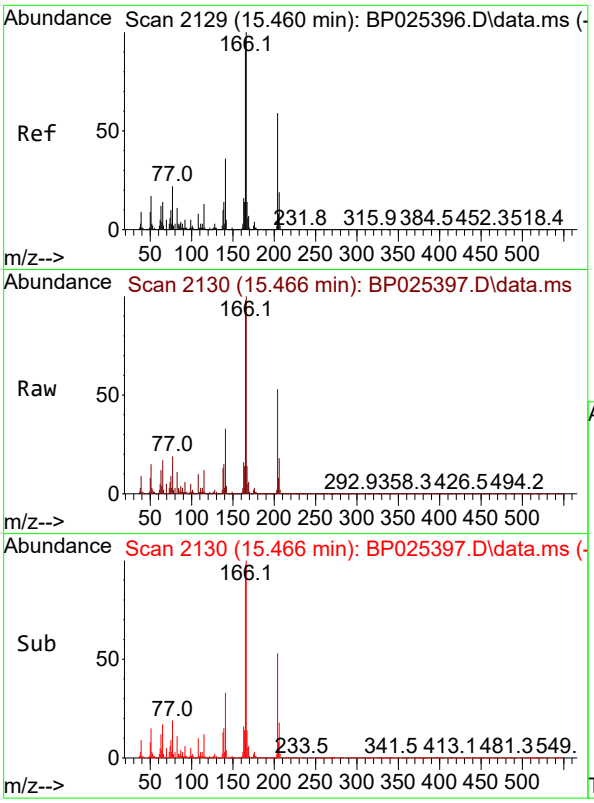


#60
Diethylphthalate
Concen: 51.728 ng
RT: 15.243 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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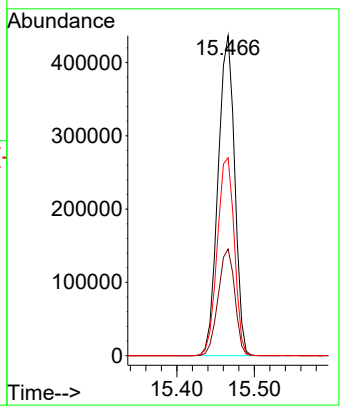
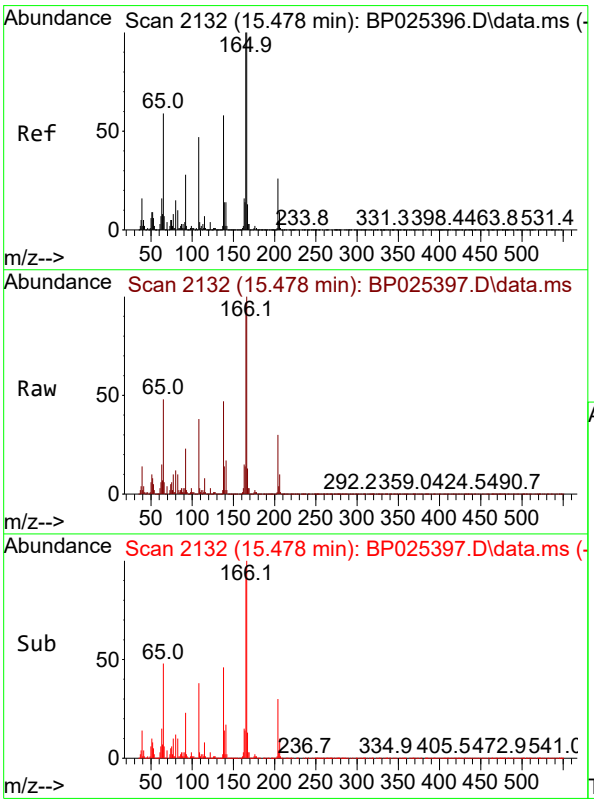
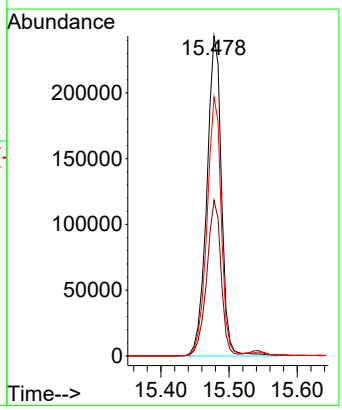


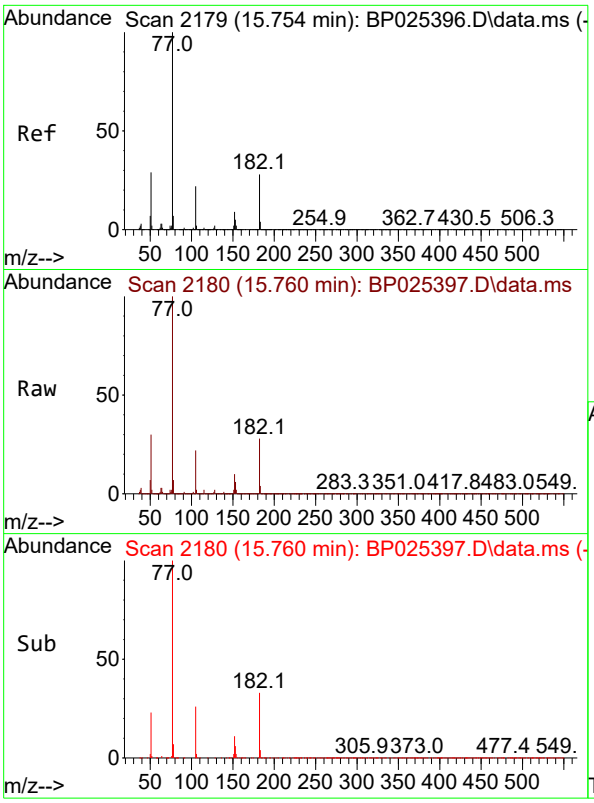


#62
4-Nitroaniline
Concen: 54.278 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

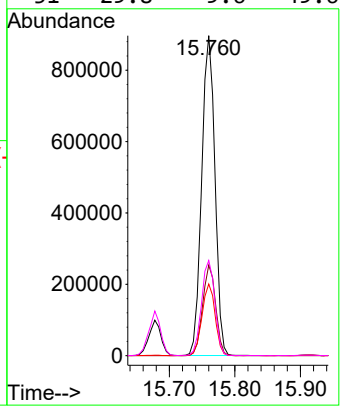




#63
Azobenzene
Concen: 52.602 ng
RT: 15.760 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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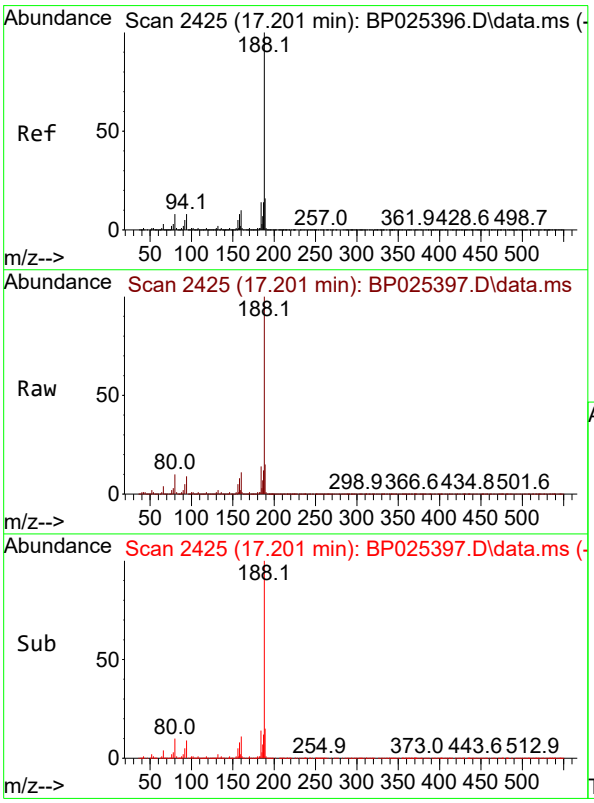
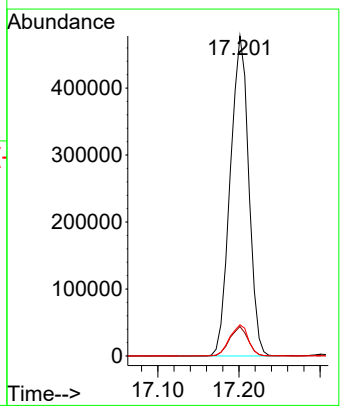
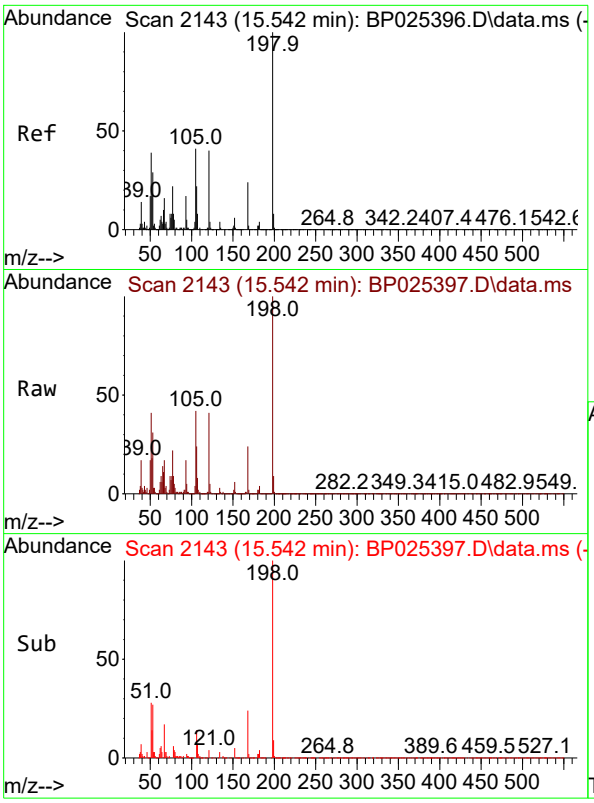


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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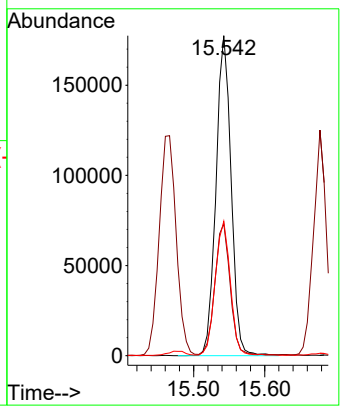
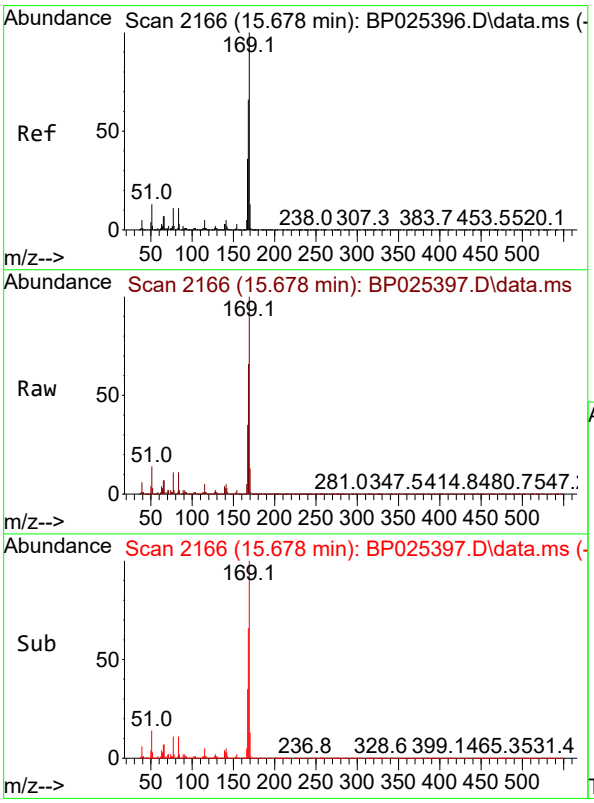
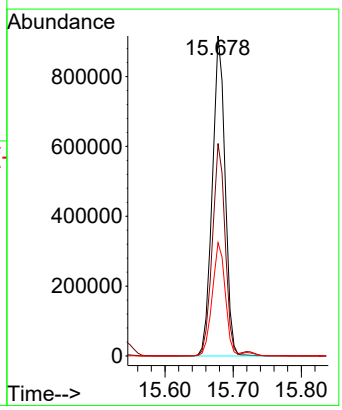


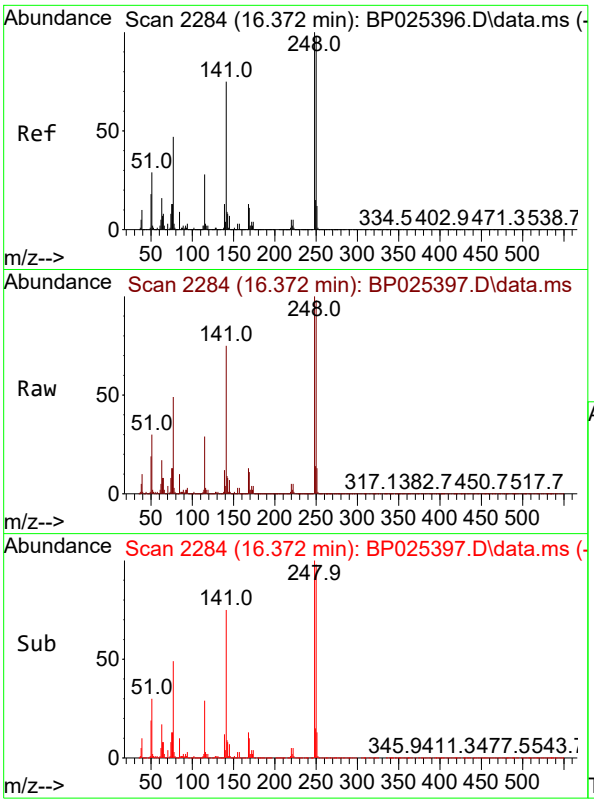


#66
n-Nitrosodiphenylamine
Concen: 51.997 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
SSTDICC050

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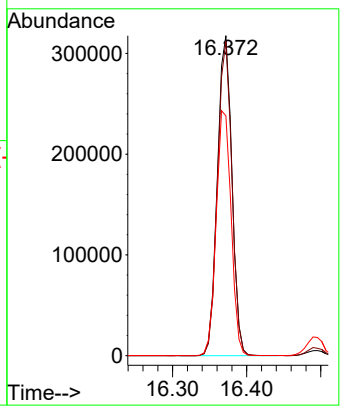
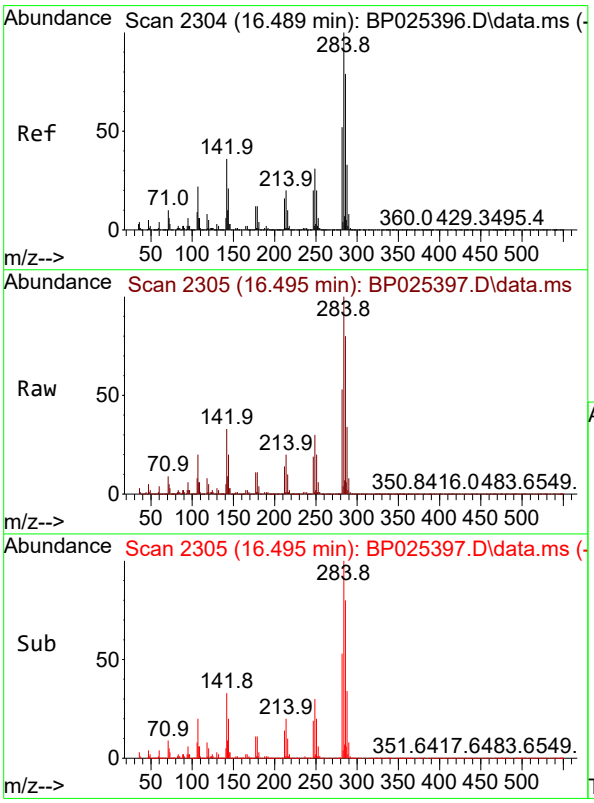
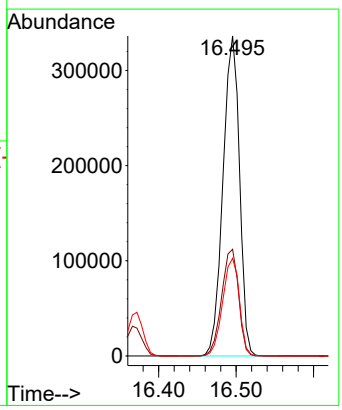


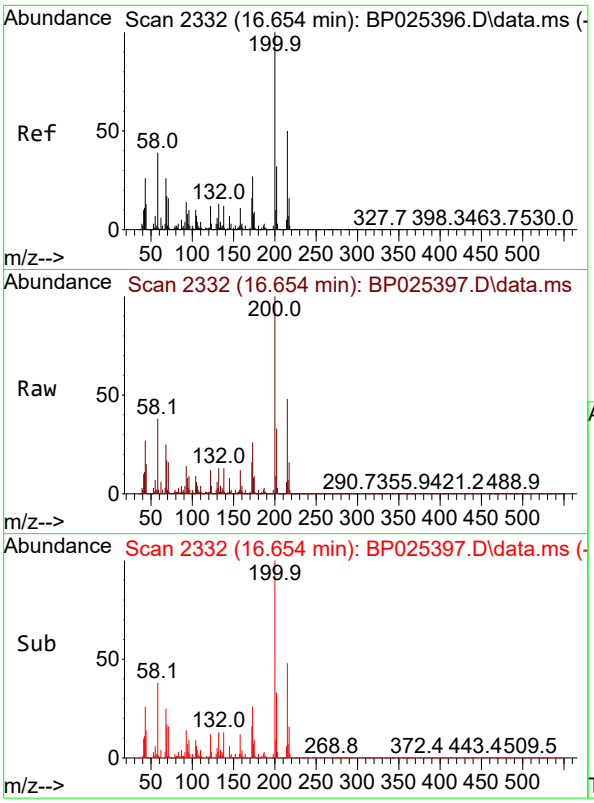


#68
Hexachlorobenzene
Concen: 51.816 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

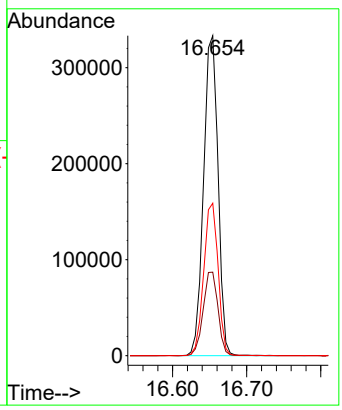




#69
Atrazine
Concen: 52.479 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
BNA_P
ClientSampleId :
SSTDICC050

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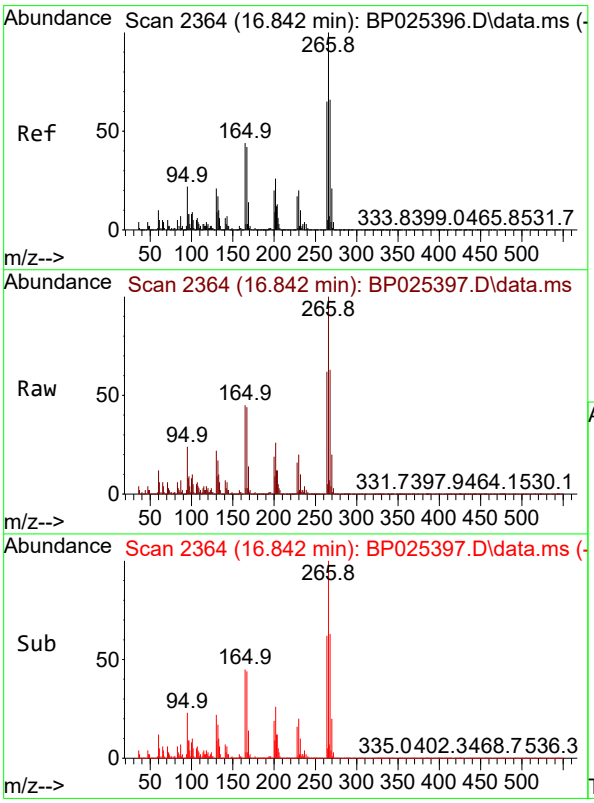
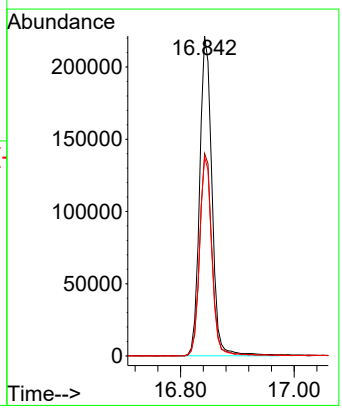
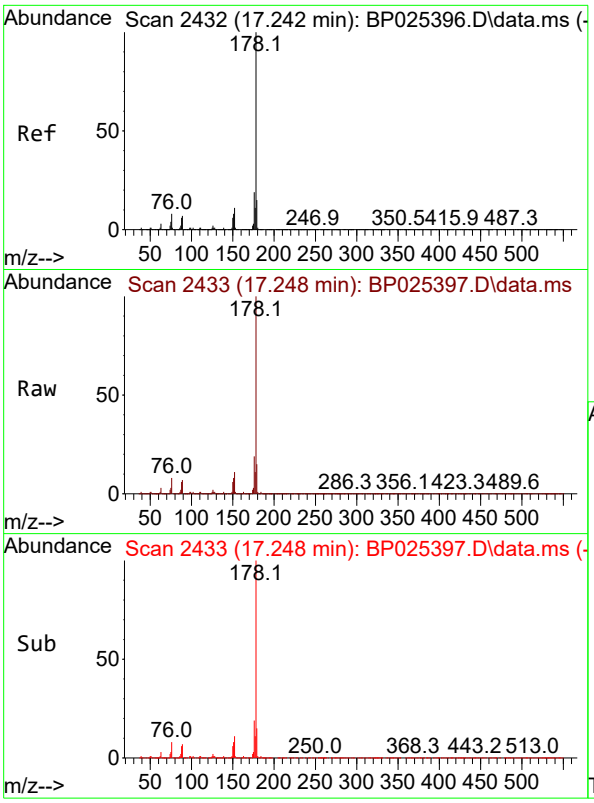


#70
Pentachlorophenol
Concen: 54.872 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

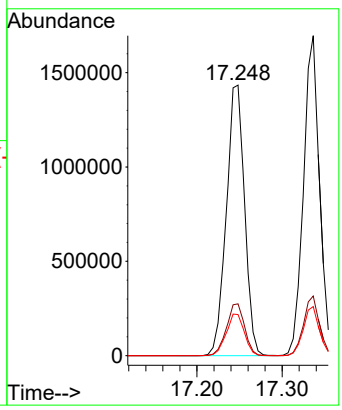




#71
Phenanthrene
Concen: 51.673 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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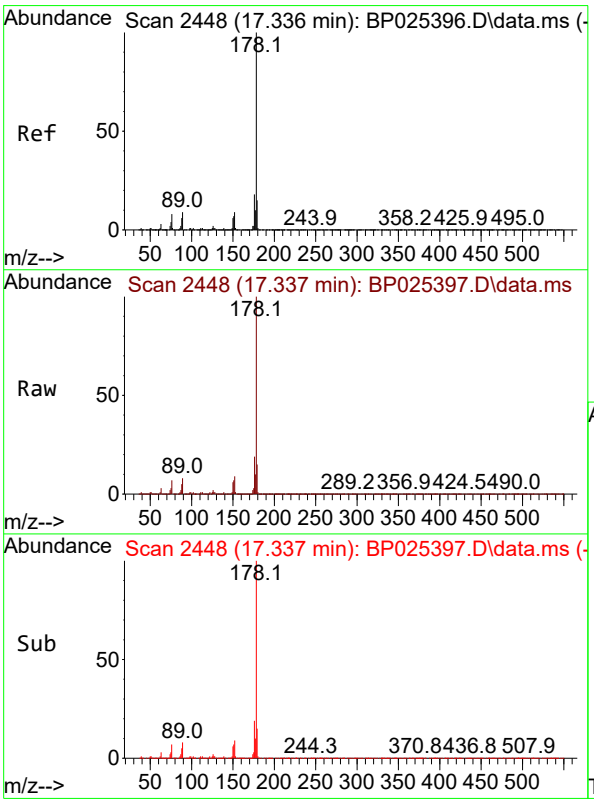
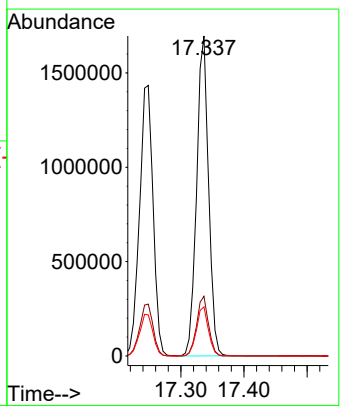
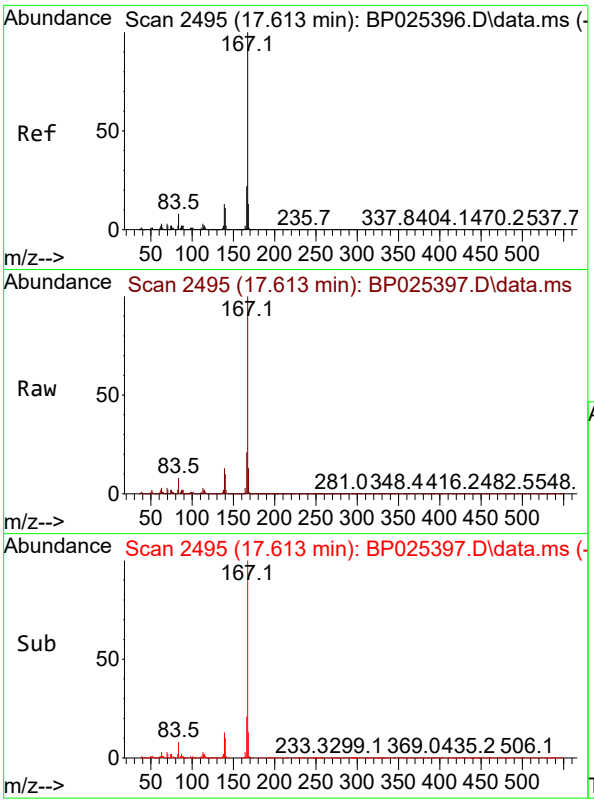


#72
Anthracene
Concen: 52.385 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

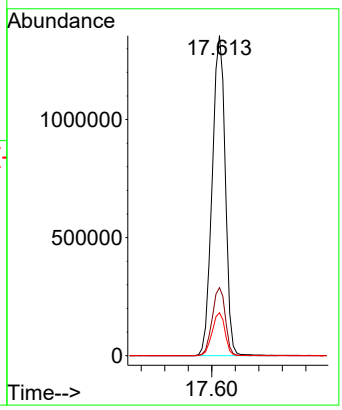




#73
Carbazole
Concen: 52.559 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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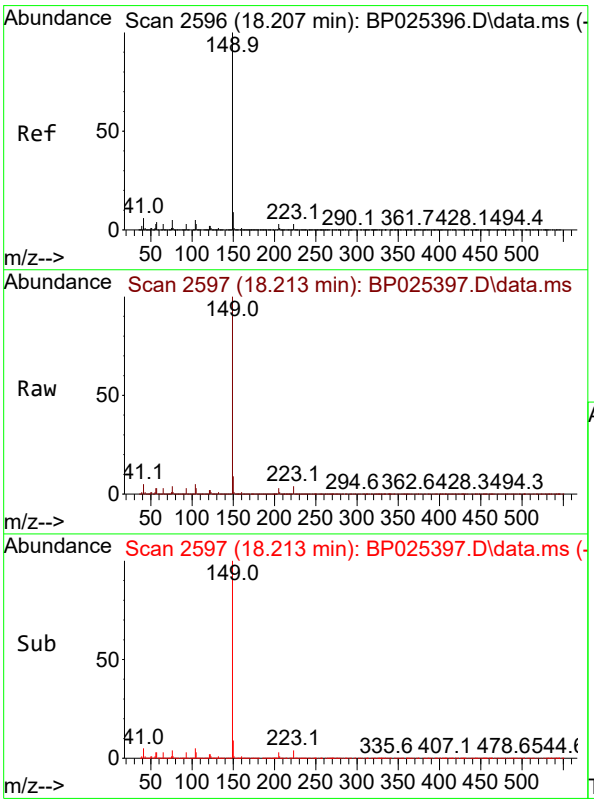
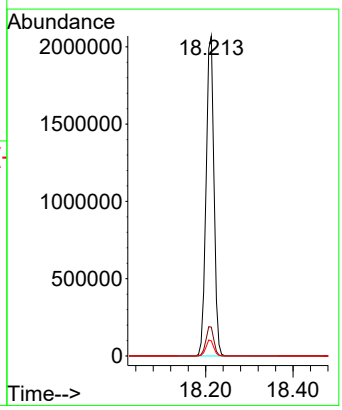
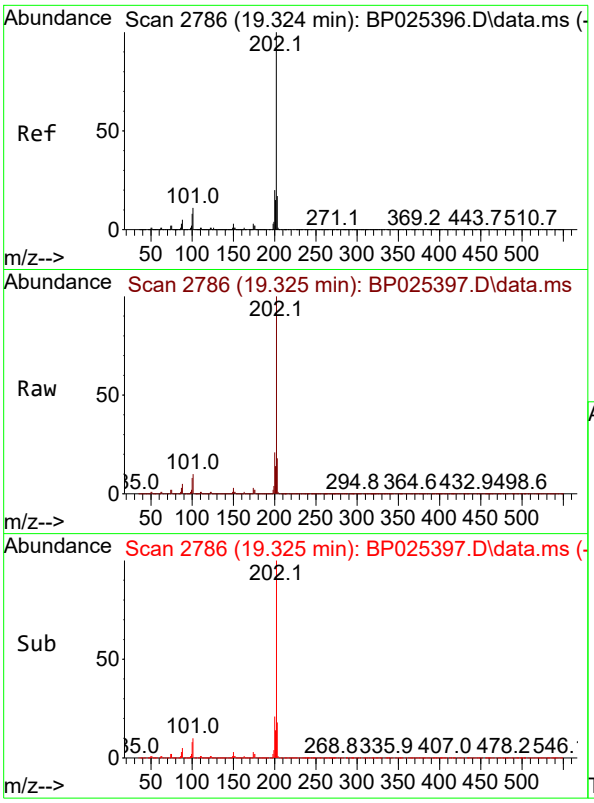


#74
Di-n-butylphthalate
Concen: 52.849 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

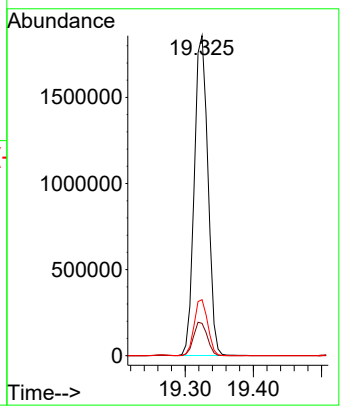




#75
Fluoranthene
Concen: 51.910 ng
RT: 19.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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



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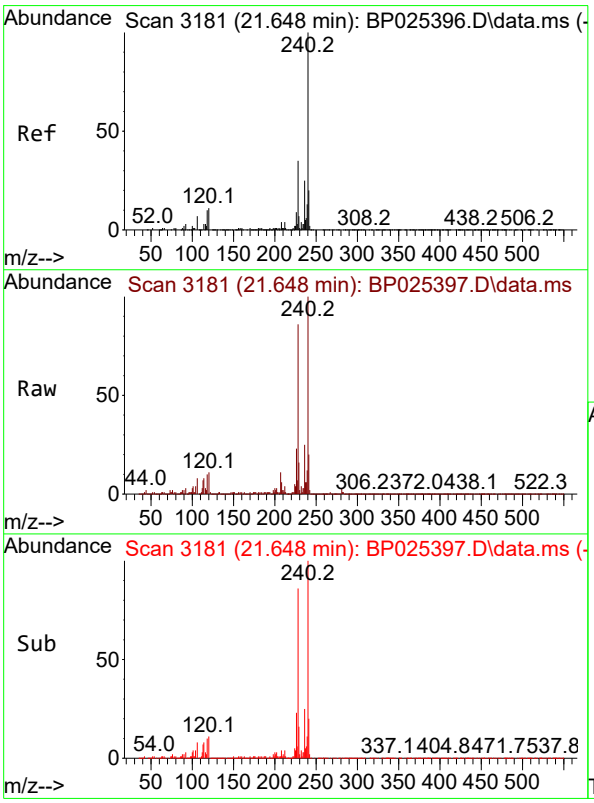
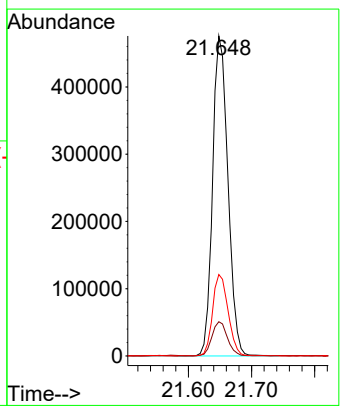
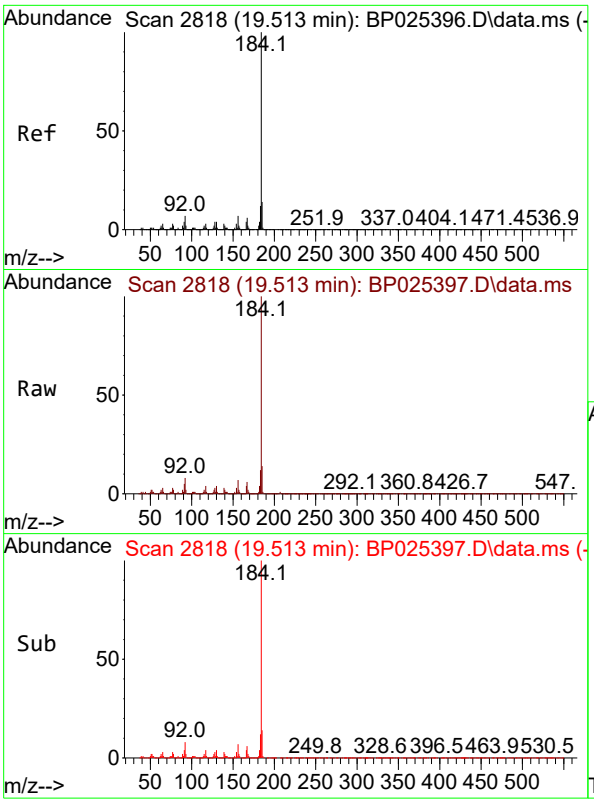


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

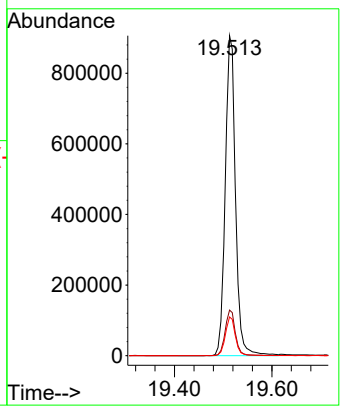




#77
Benzidine
Concen: 48.615 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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ClientSampleId :
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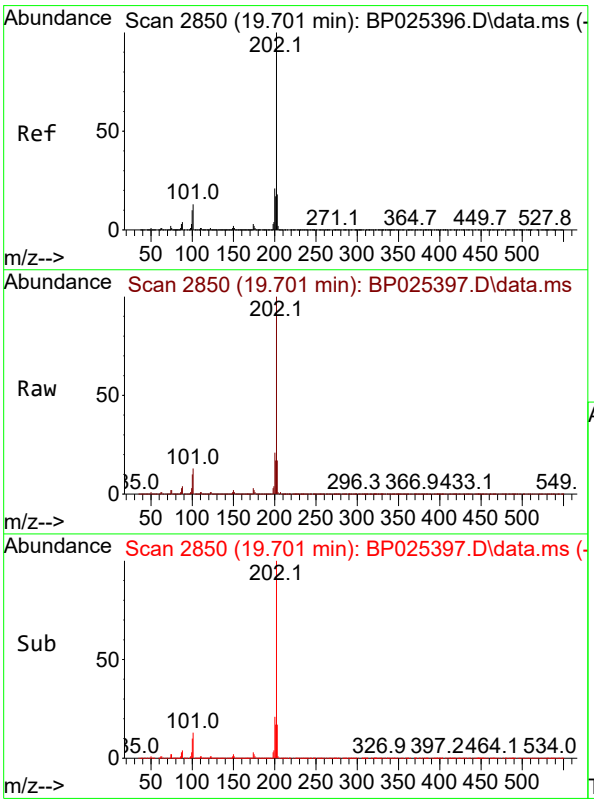
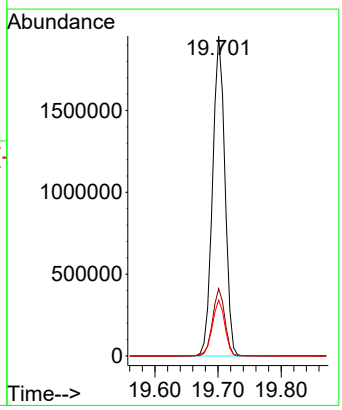
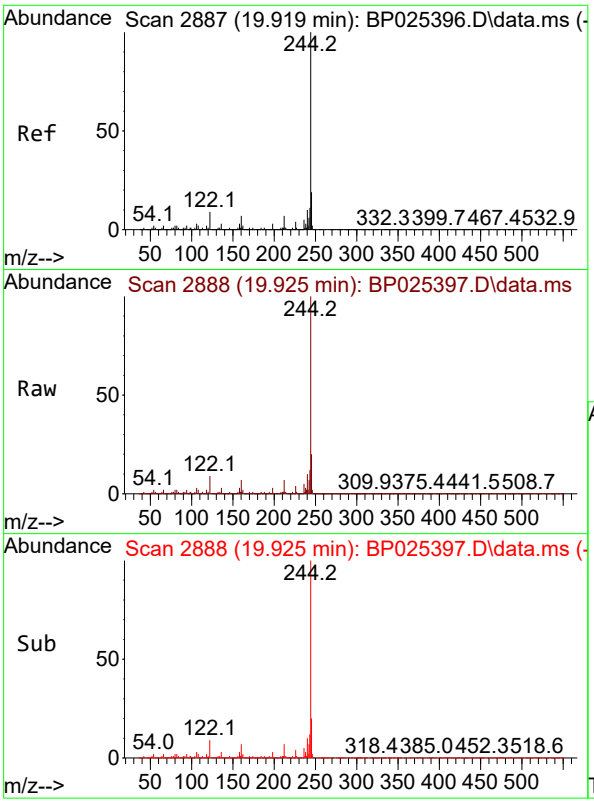


#78
Pyrene
Concen: 50.754 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

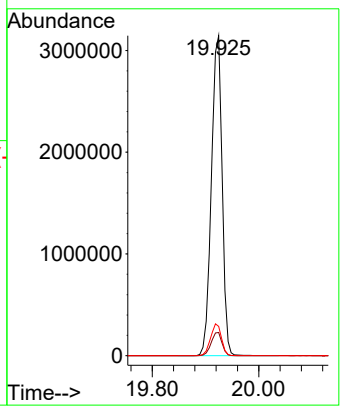




#79
Terphenyl-d14
Concen: 100.615 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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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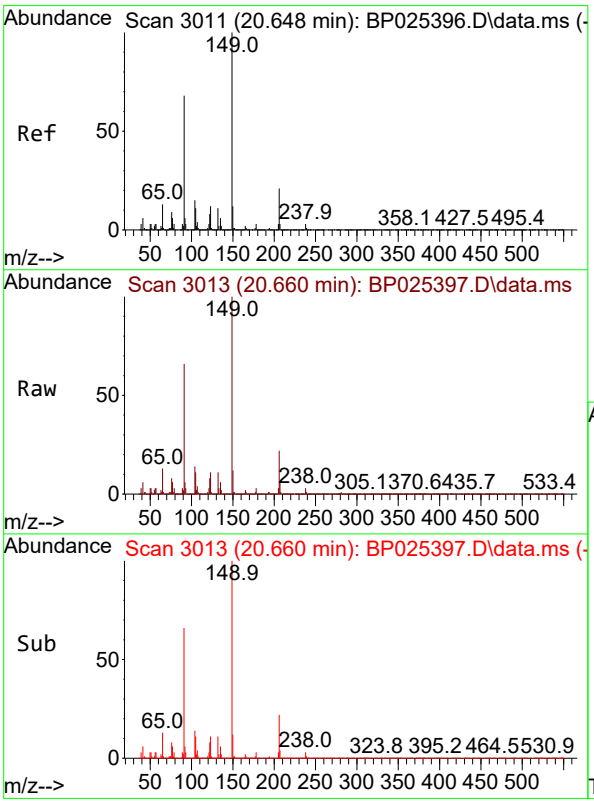
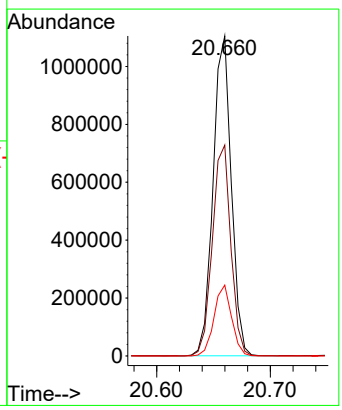
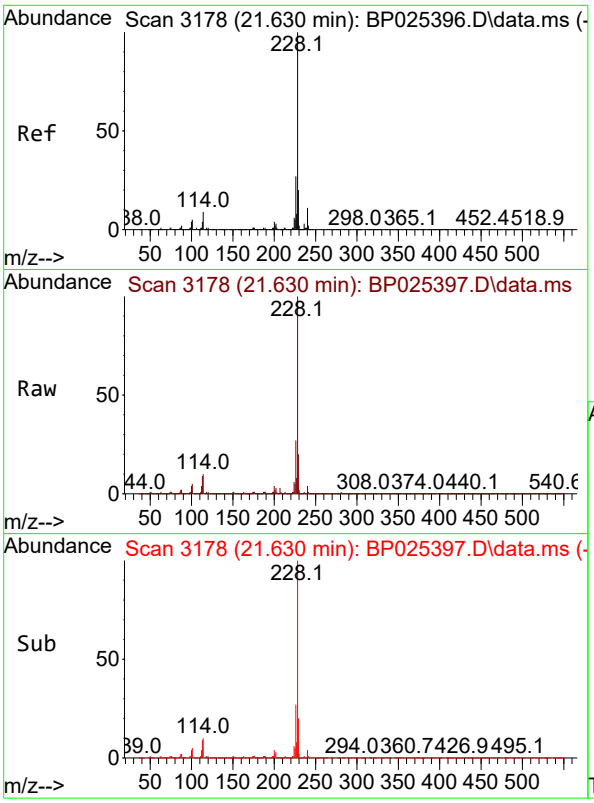


#80
Butylbenzylphthalate
Concen: 52.139 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

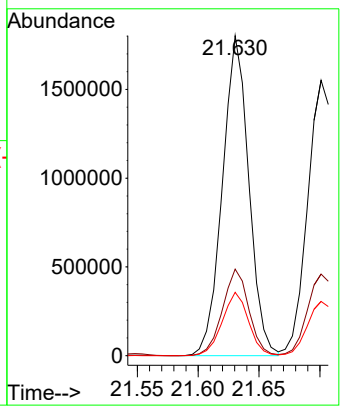




#81
Benzo(a)anthracene
Concen: 51.499 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
SSTDICC050

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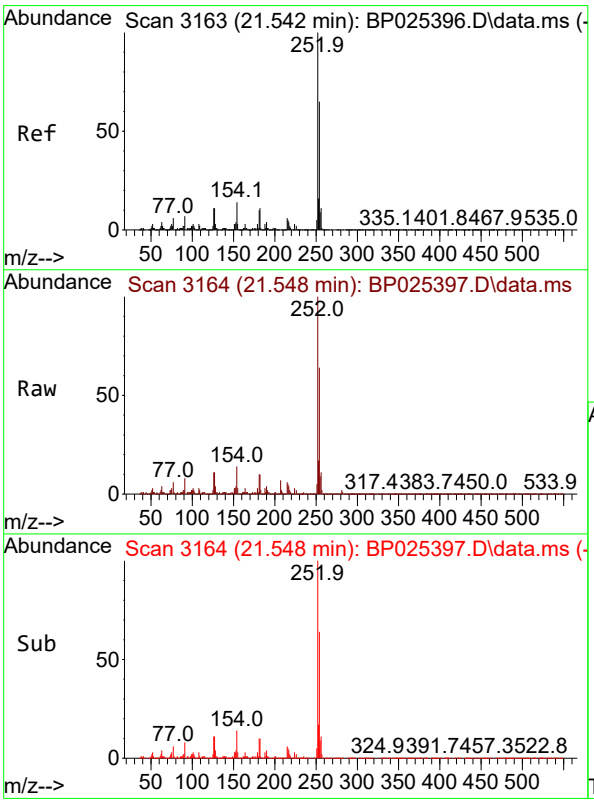
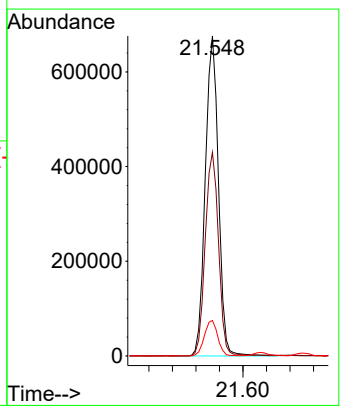
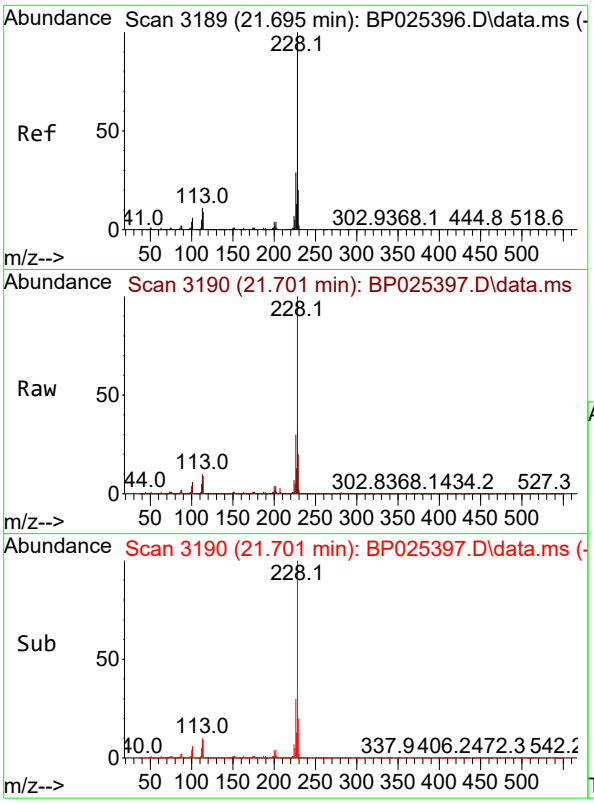


#82
3,3'-Dichlorobenzidine
Concen: 52.357 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

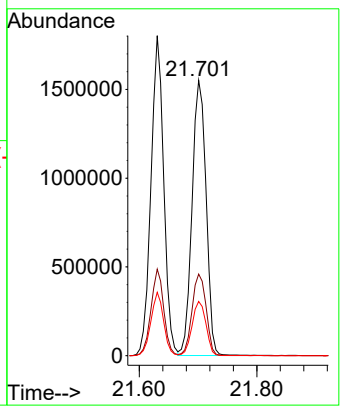




#83
Chrysene
Concen: 51.817 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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 :
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ClientSampleId :
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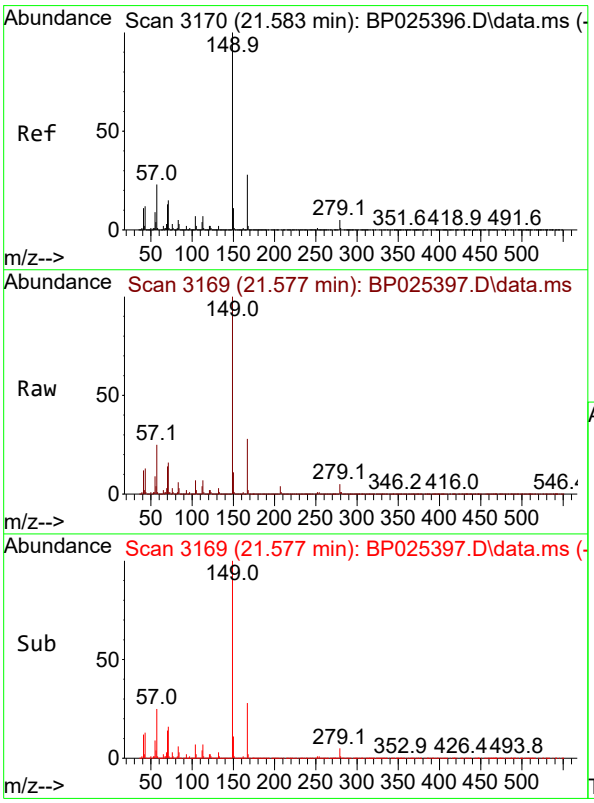
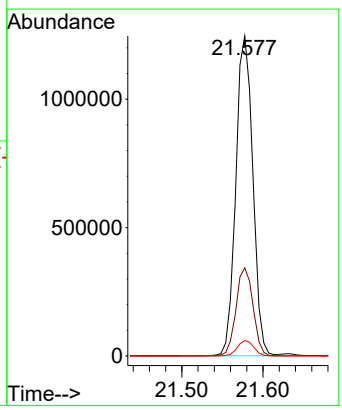
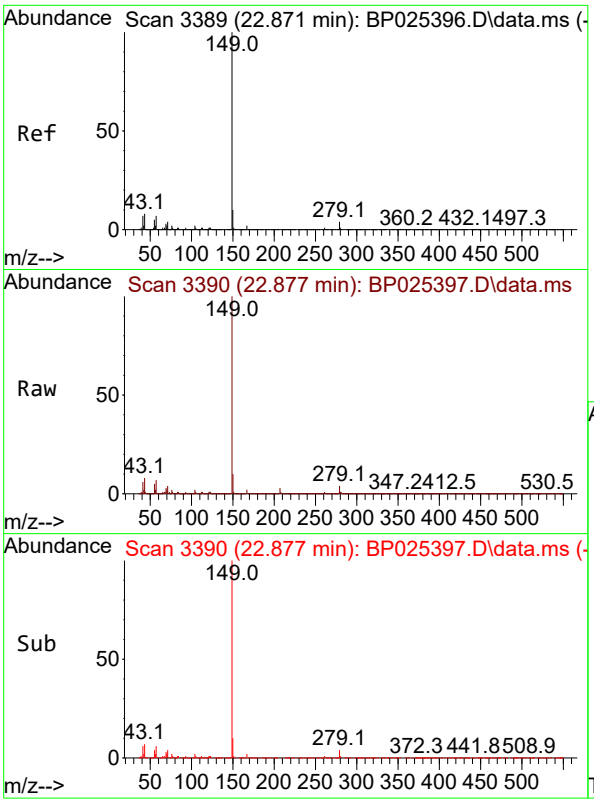


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.933 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

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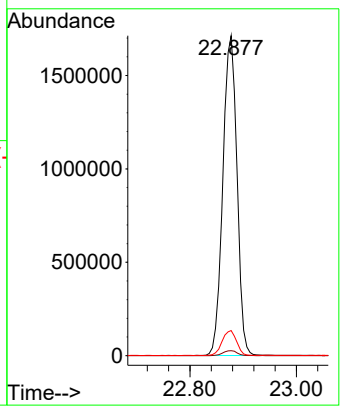
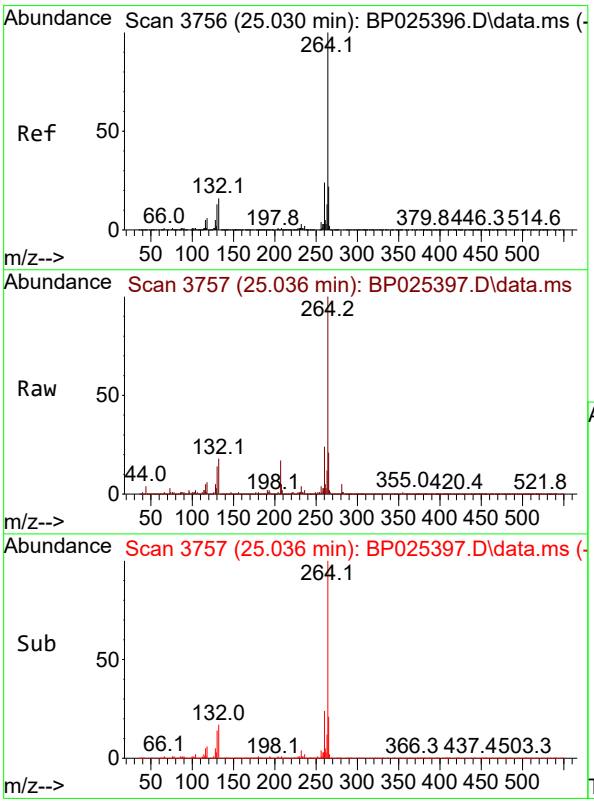
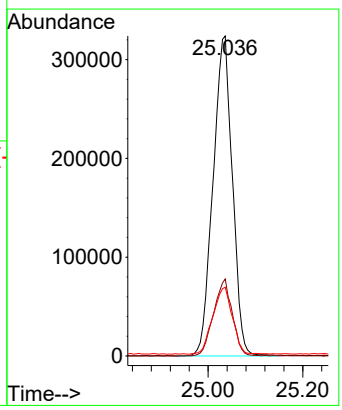


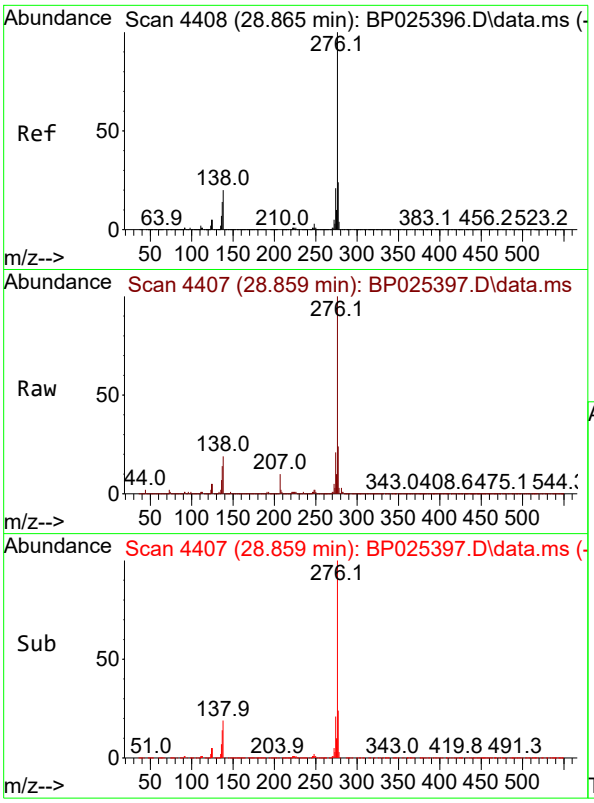


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

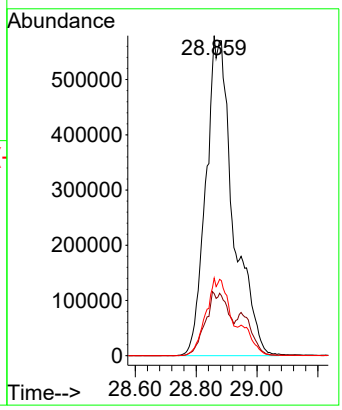




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.463 ng m
RT: 28.859 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

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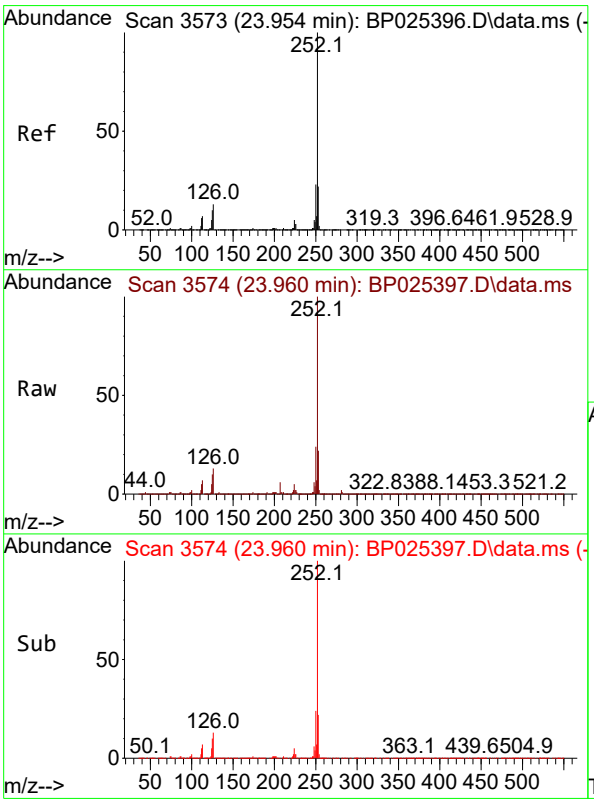
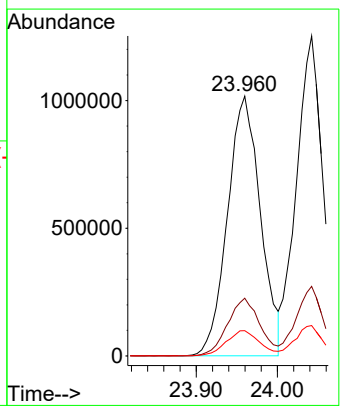
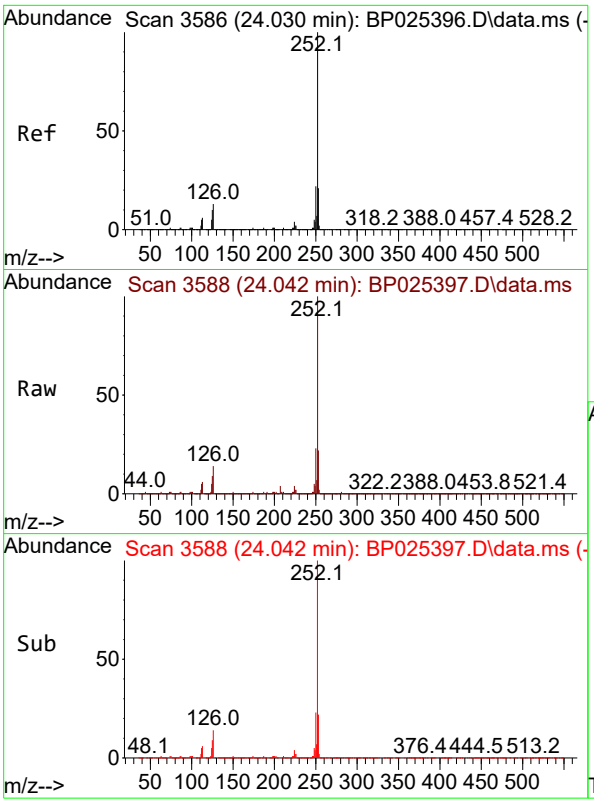


#88
Benzo(b)fluoranthene
Concen: 52.982 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

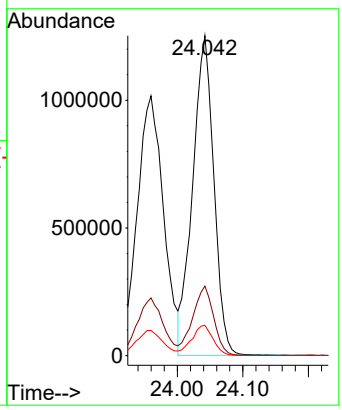




#89
Benzo(k)fluoranthene
Concen: 51.956 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

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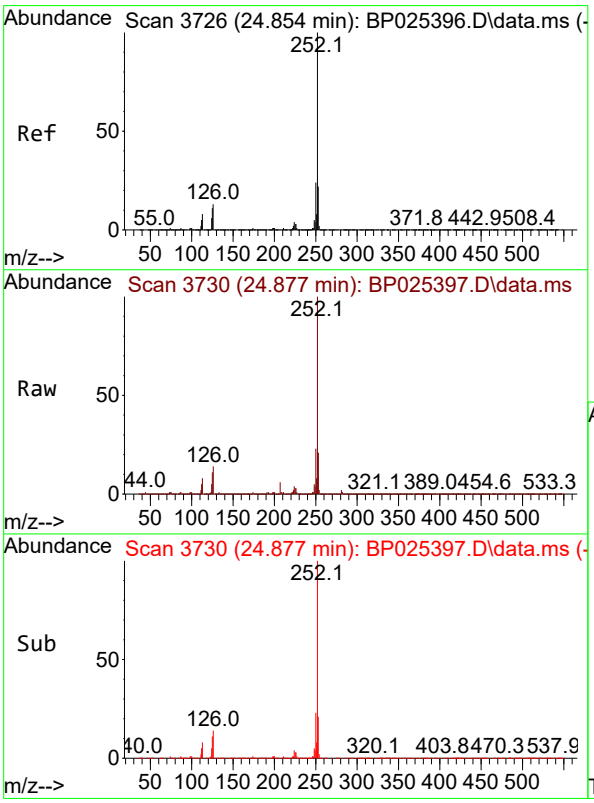
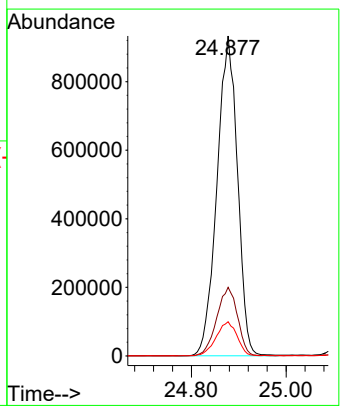
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

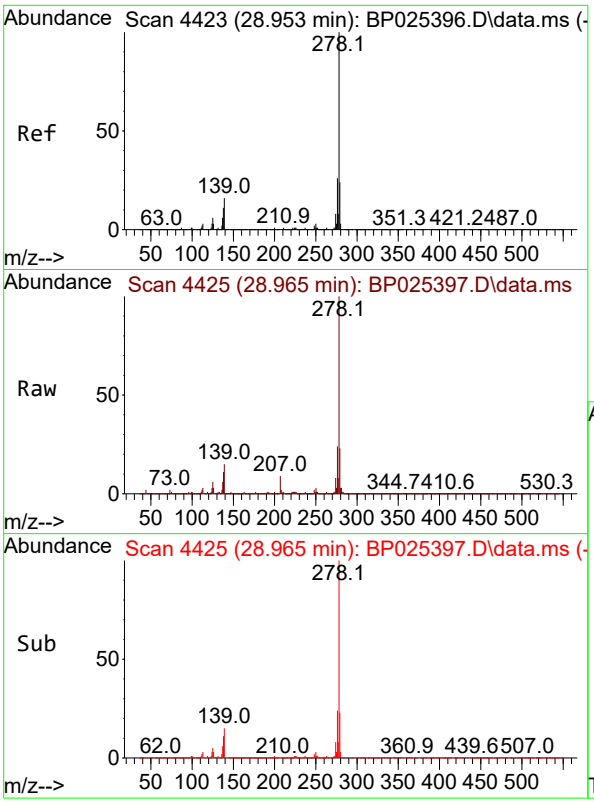


#90
Benzo(a)pyrene
Concen: 53.100 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

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

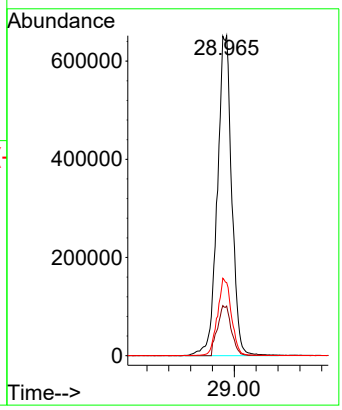




#91
Dibenzo(a,h)anthracene
Concen: 53.795 ng
RT: 28.965 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:278 Resp: 296262

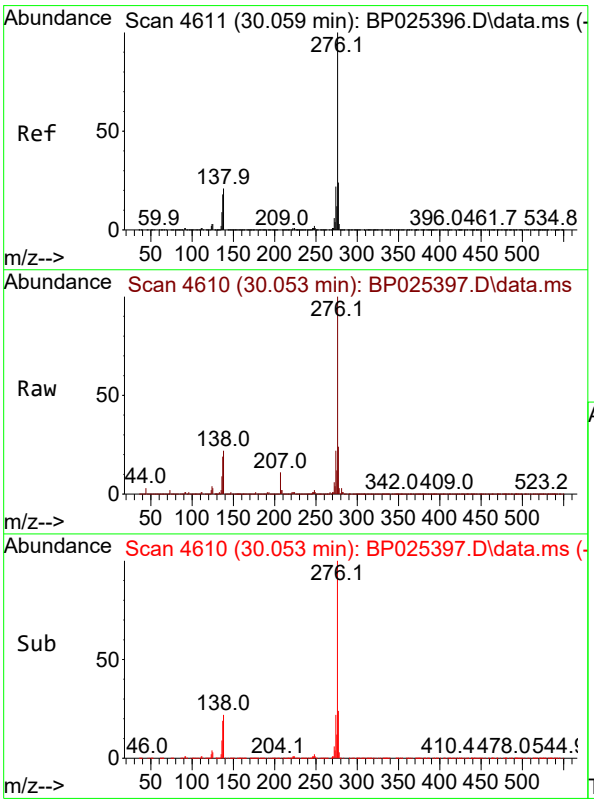
Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.0	19.4
279	22.9	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

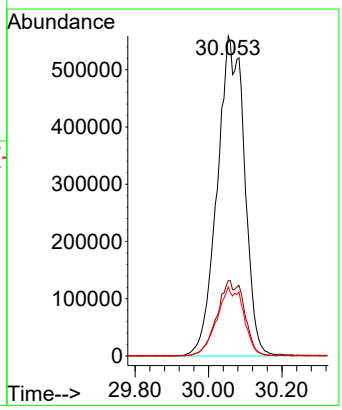
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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

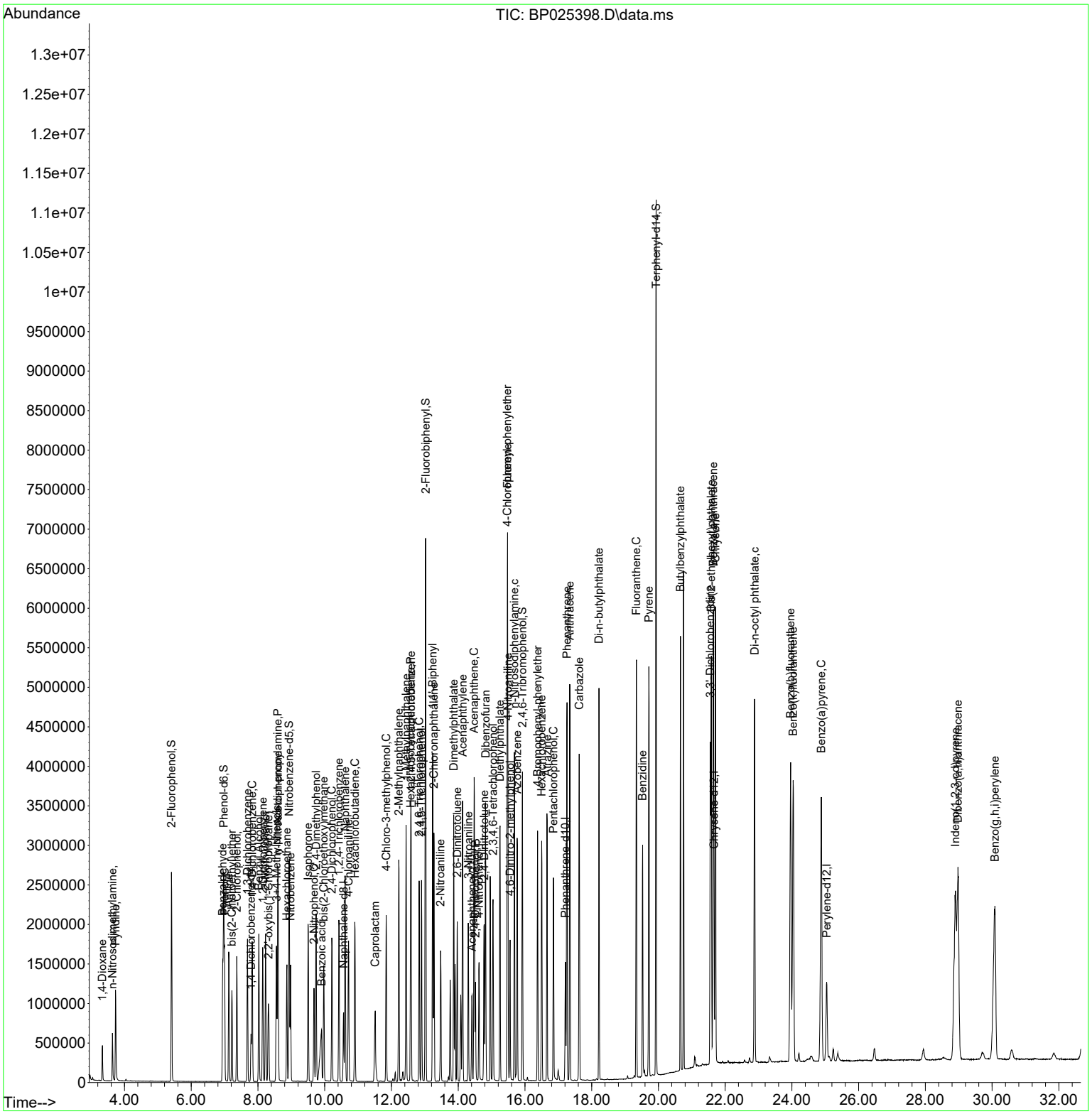
(#) = qualifier out of range (m) = manual integration (+) = signals summed

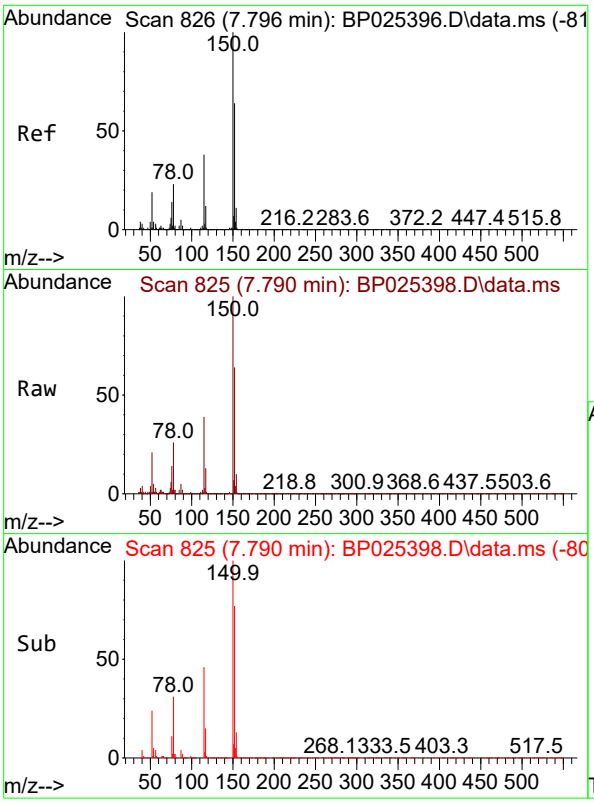
ICAL Form

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



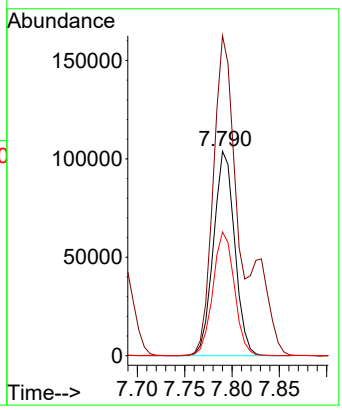


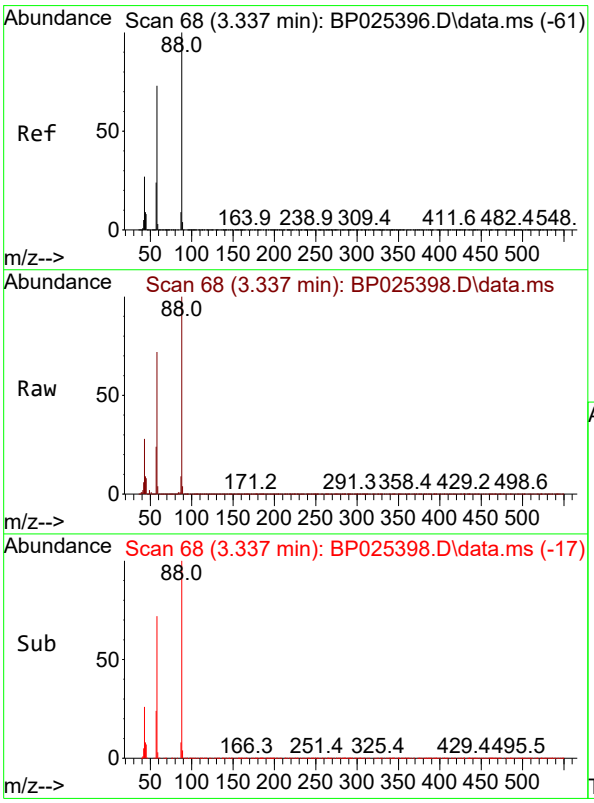
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

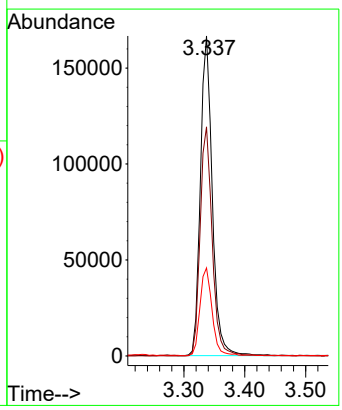


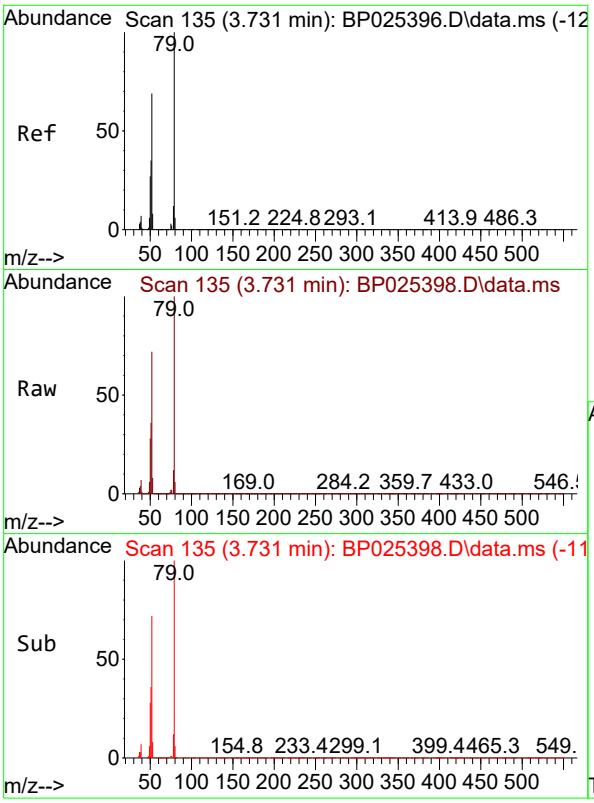


#2
1,4-Dioxane
Concen: 58.799 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



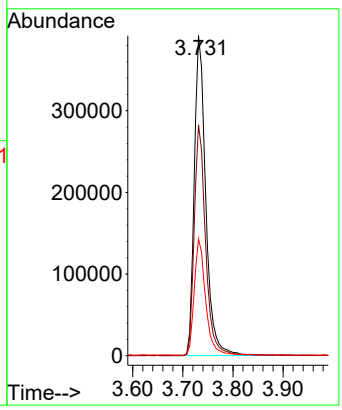


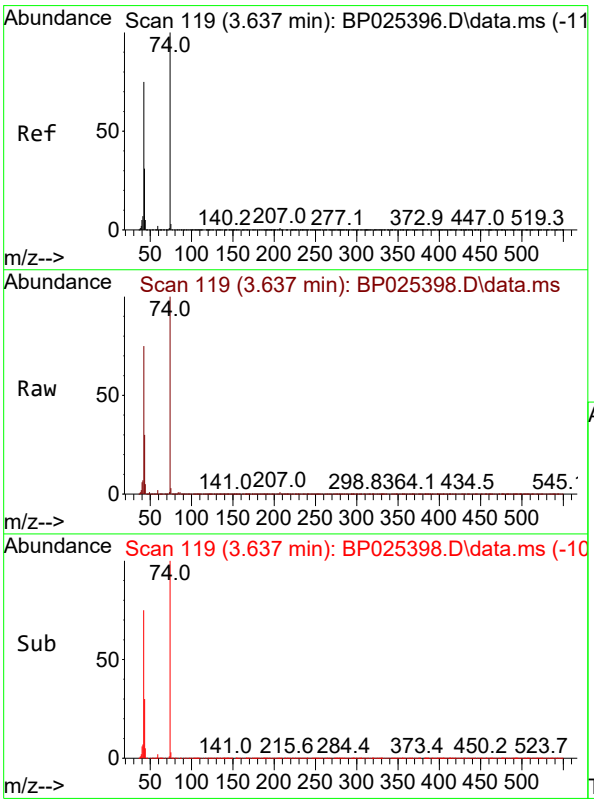
#3
Pyridine
Concen: 59.539 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

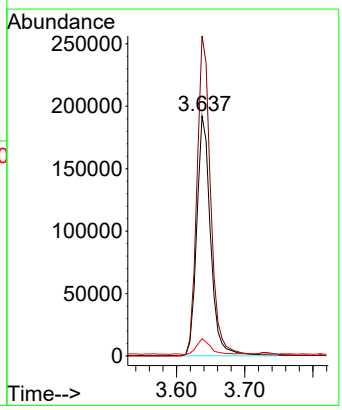


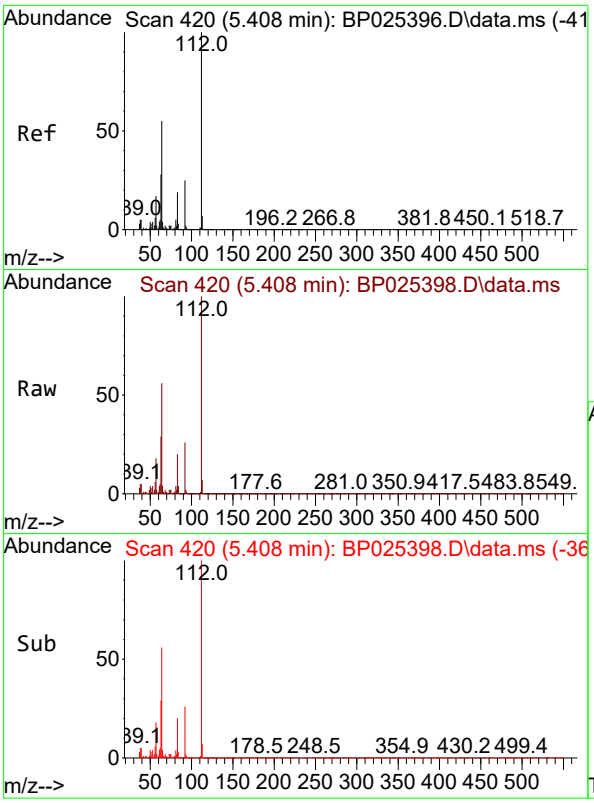


#4
n-Nitrosodimethylamine
Concen: 62.518 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



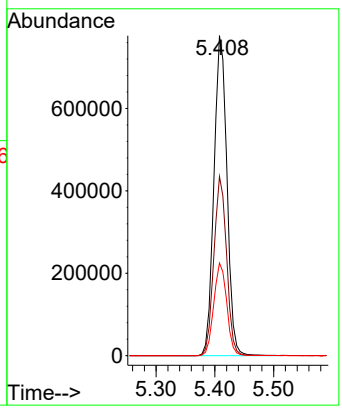


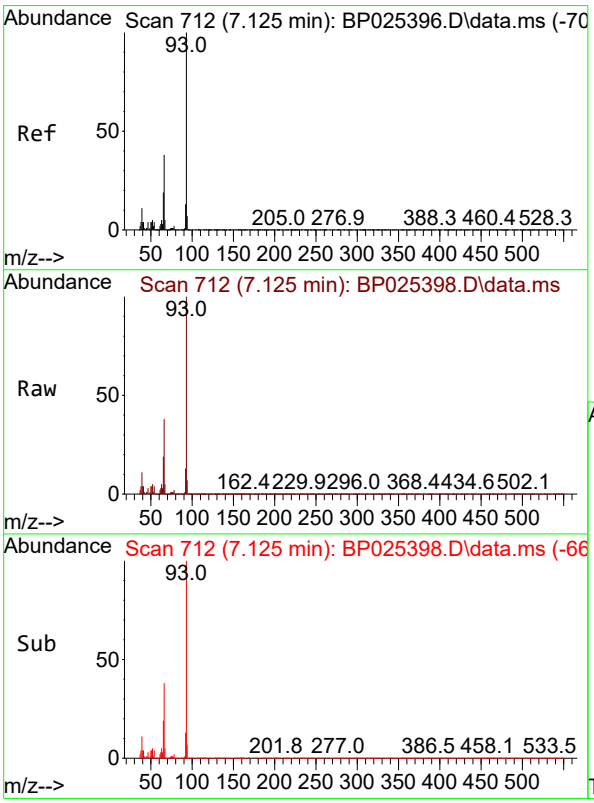
#5
2-Fluorophenol
Concen: 122.144 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

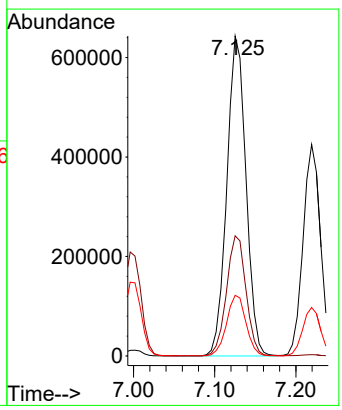


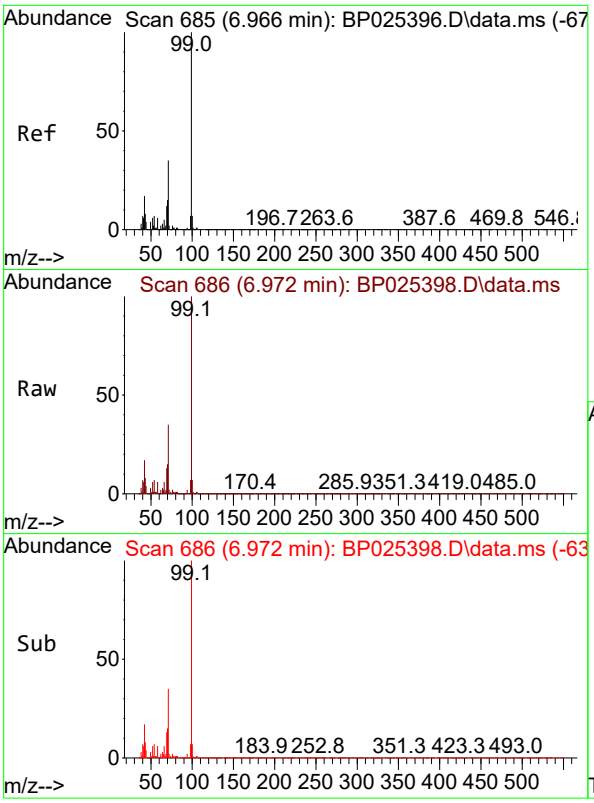


#6
Aniline
Concen: 62.408 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



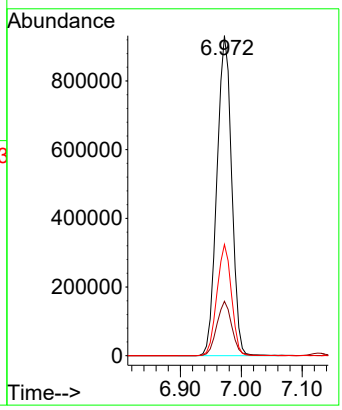


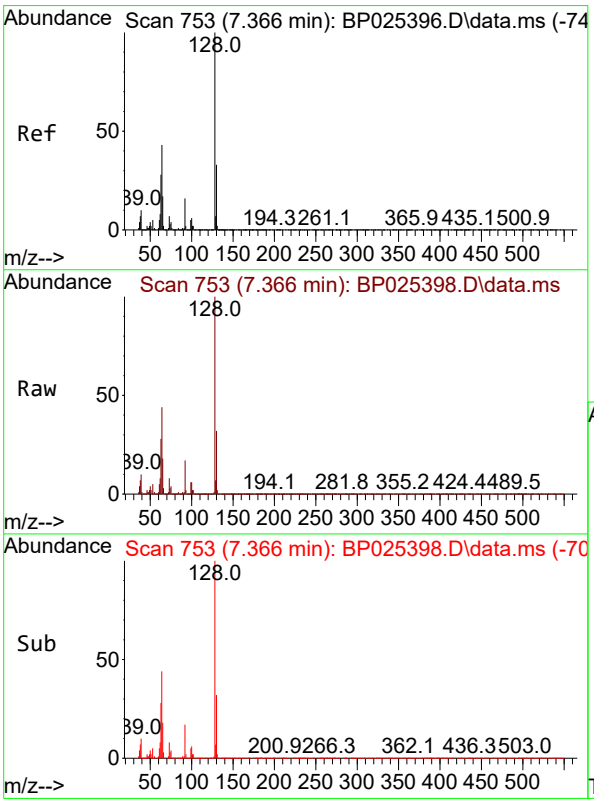
#7
Phenol-d6
Concen: 125.072 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

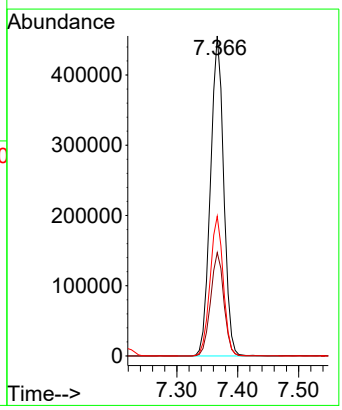


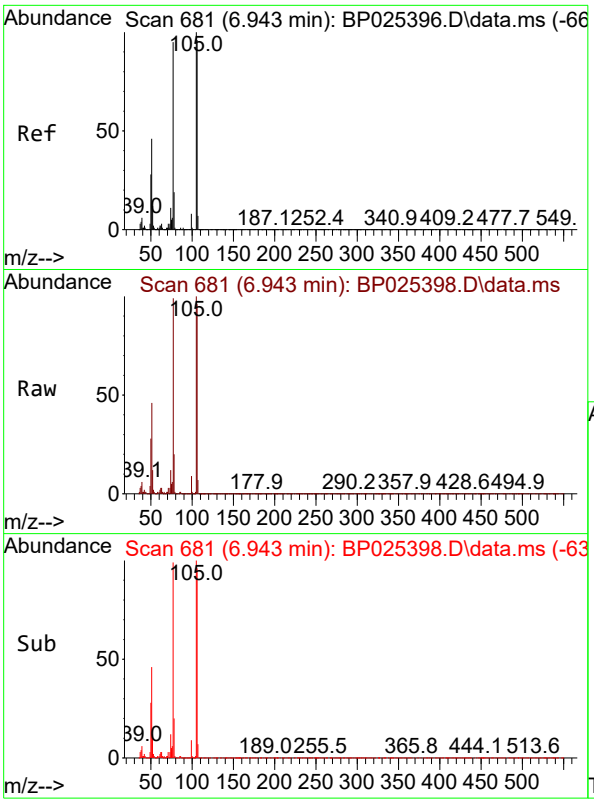


#8
2-Chlorophenol
Concen: 62.413 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



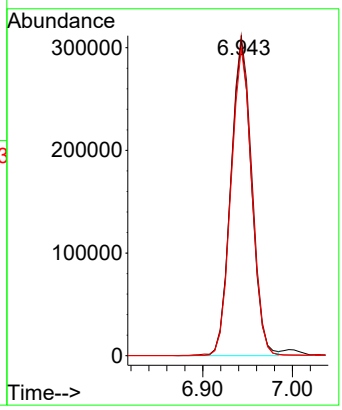


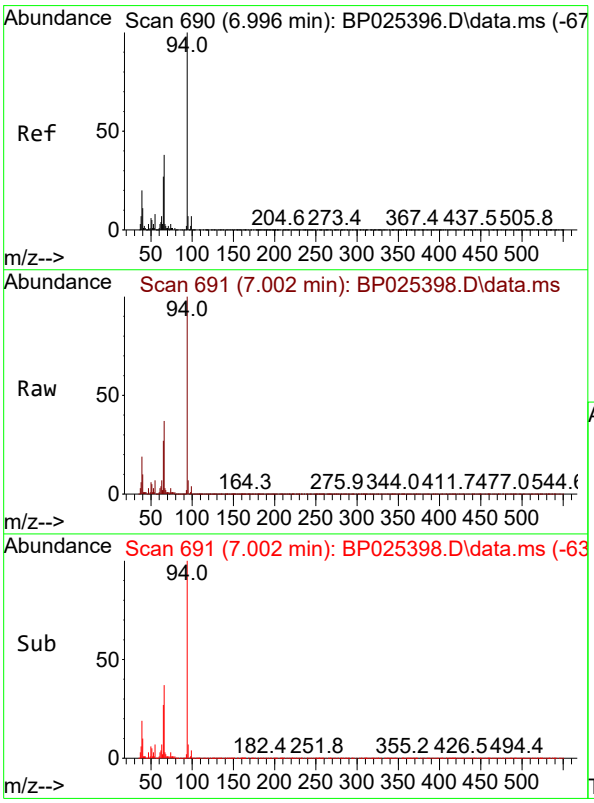
#9
Benzaldehyde
Concen: 55.745 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

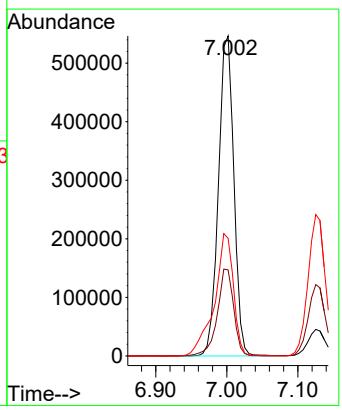


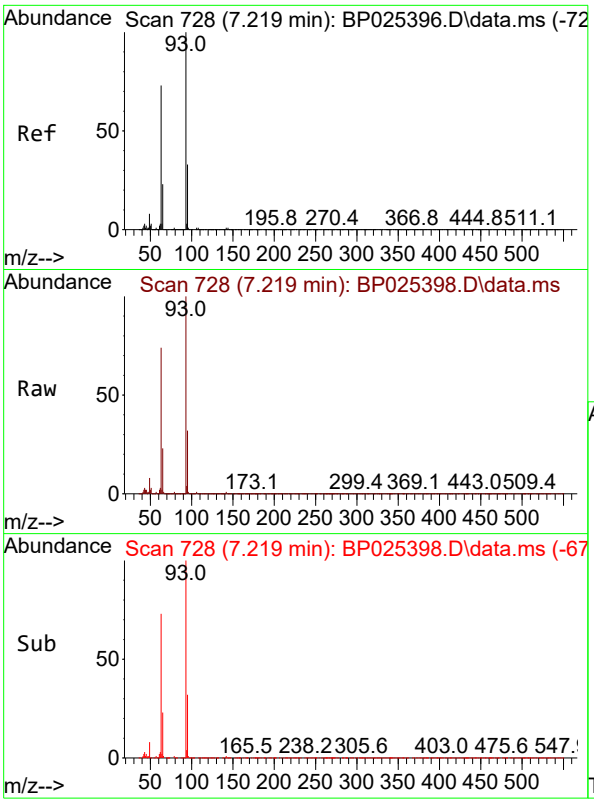


#10
Phenol
Concen: 62.530 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



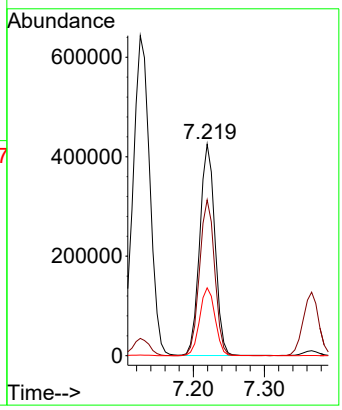


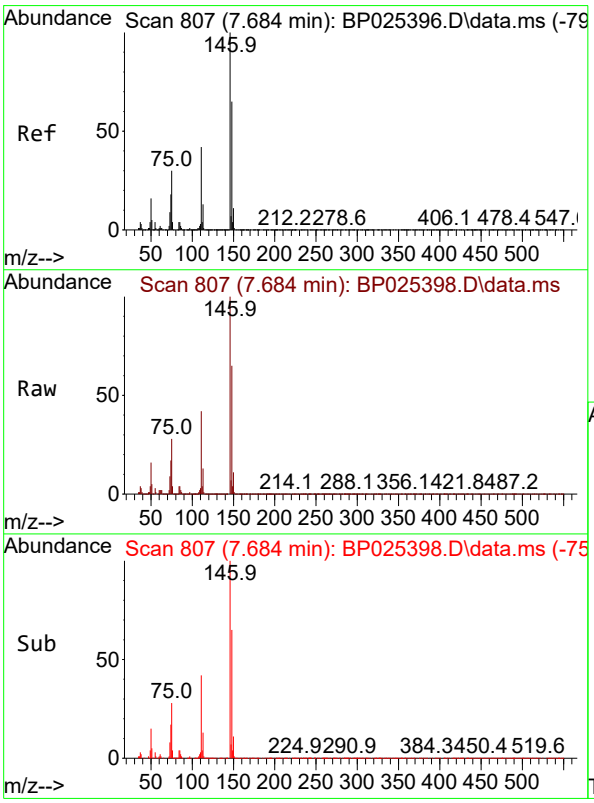
#11
bis(2-Chloroethyl)ether
Concen: 61.925 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

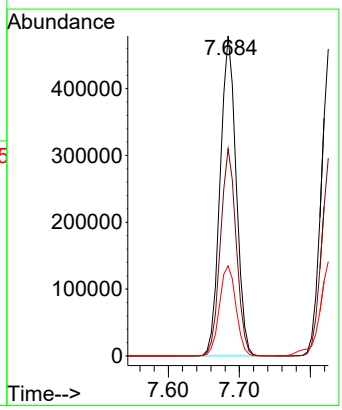


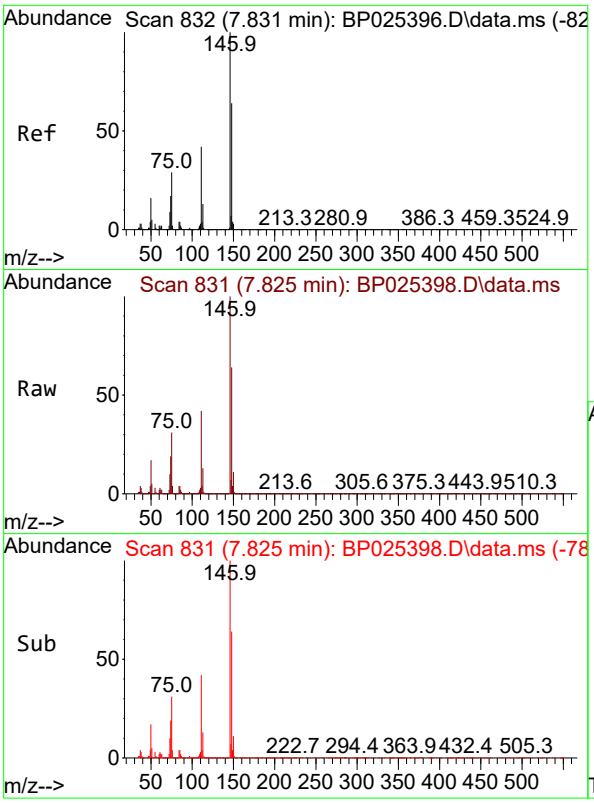


#12
1,3-Dichlorobenzene
Concen: 61.273 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



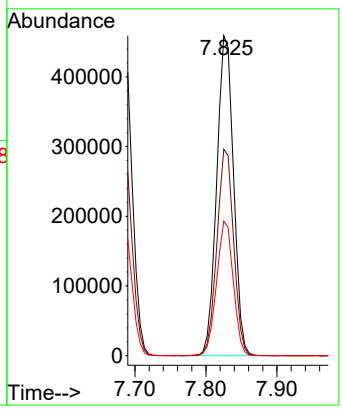


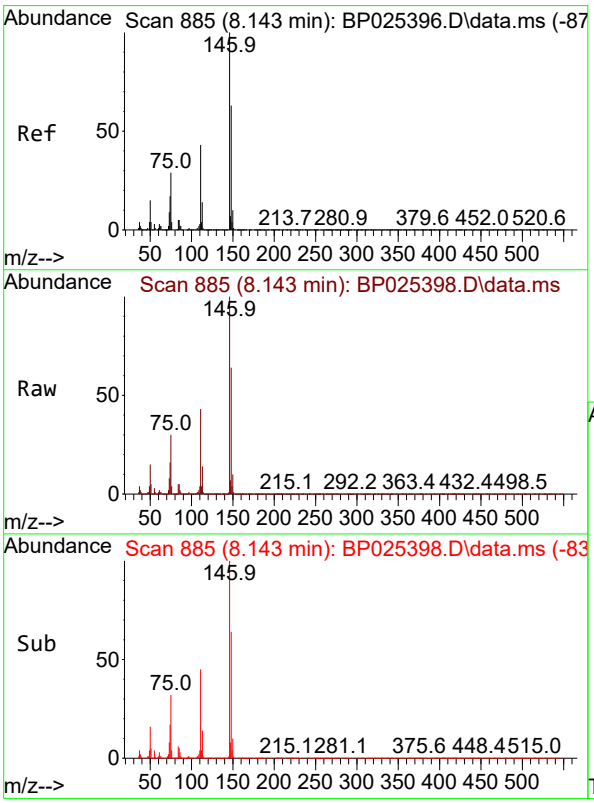
#13
1,4-Dichlorobenzene
Concen: 60.469 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

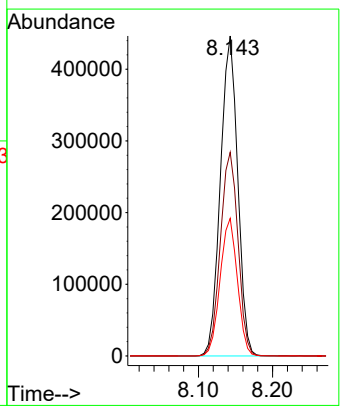


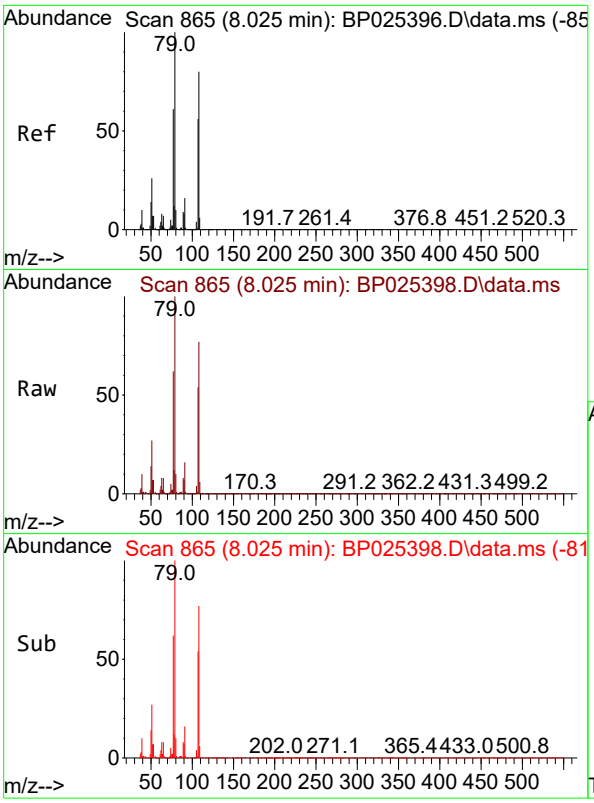


#14
1,2-Dichlorobenzene
Concen: 60.165 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



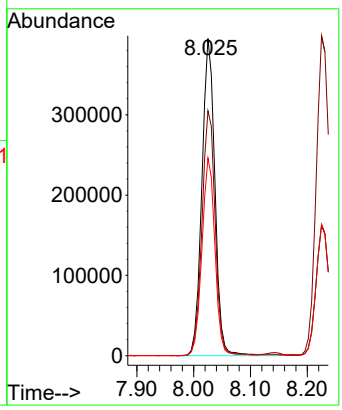


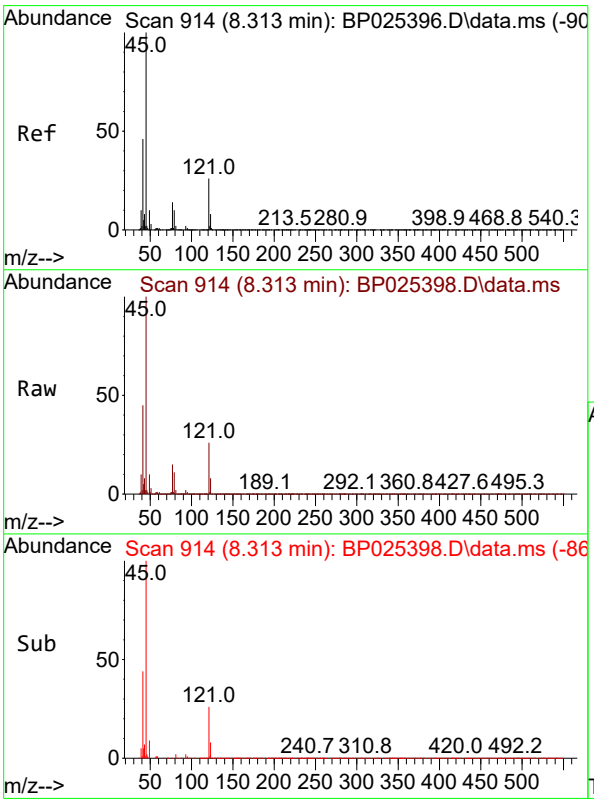
#15
Benzyl Alcohol
Concen: 63.019 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

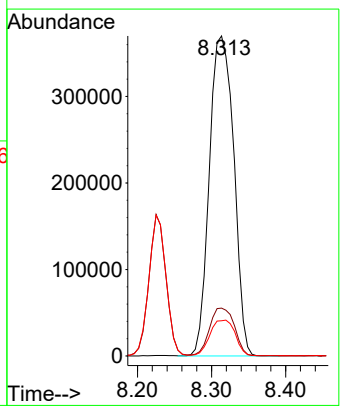


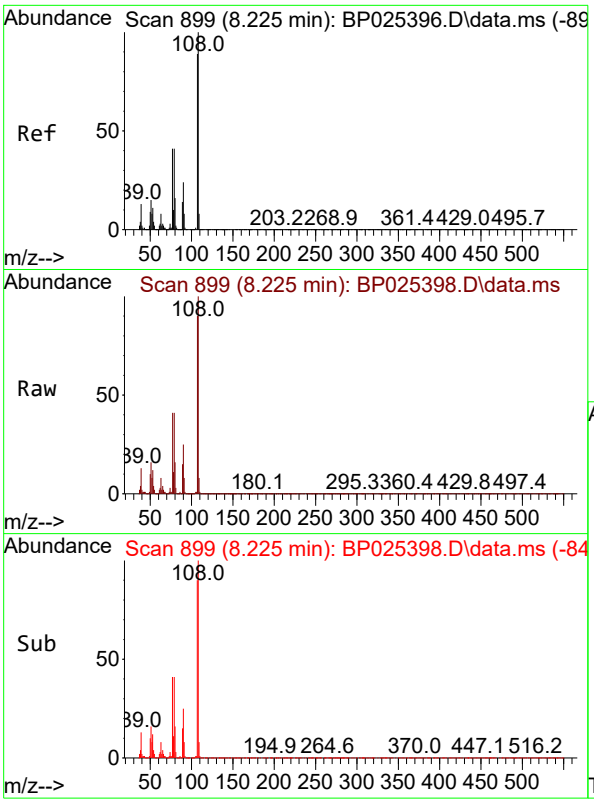


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.712 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



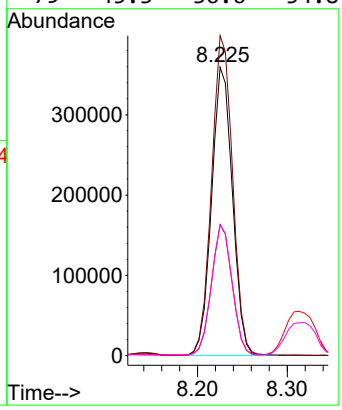


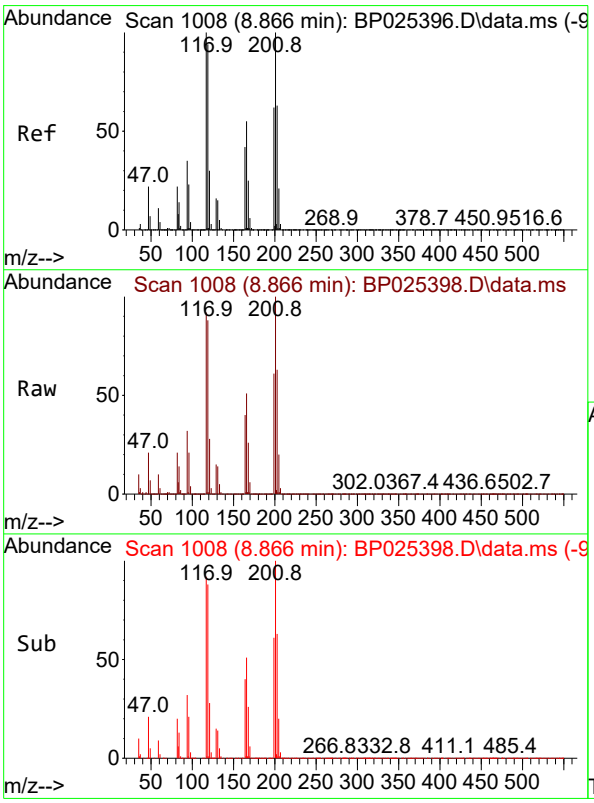
#17
2-Methylphenol
Concen: 63.480 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

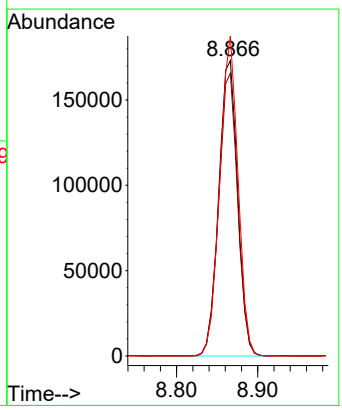


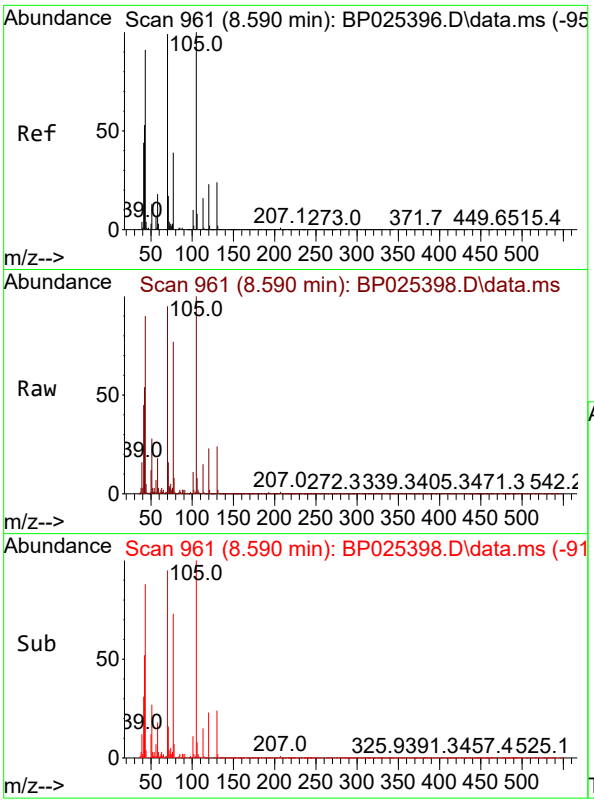


#18
Hexachloroethane
Concen: 61.535 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



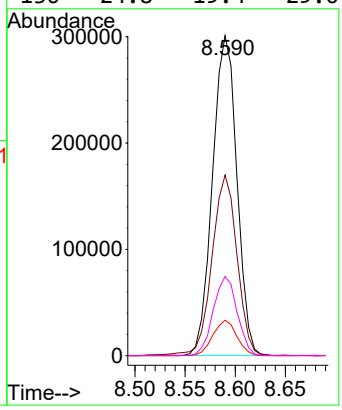


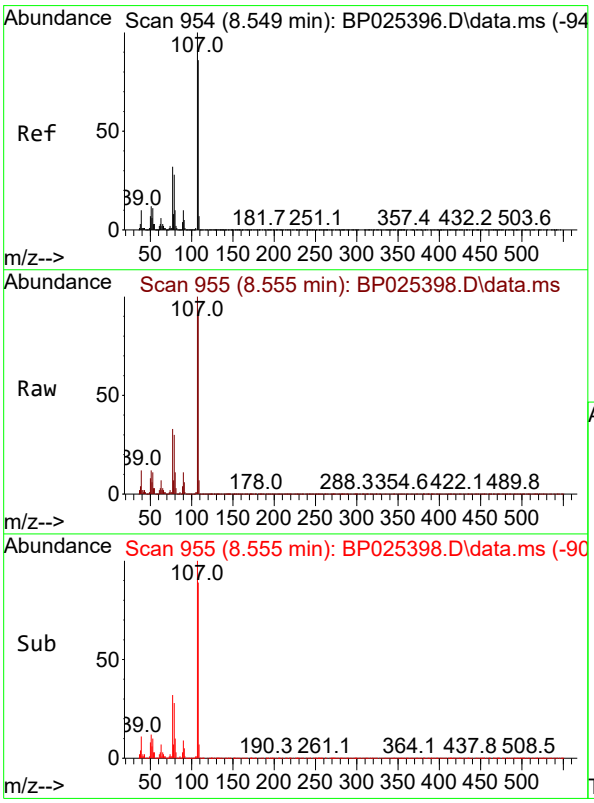
#19
n-Nitroso-di-n-propylamine
Concen: 61.060 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

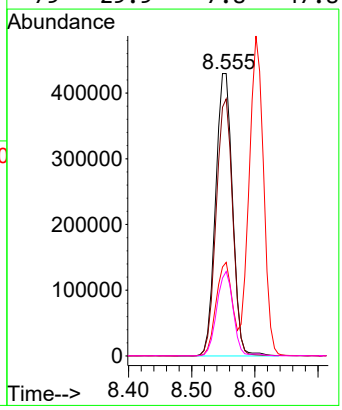


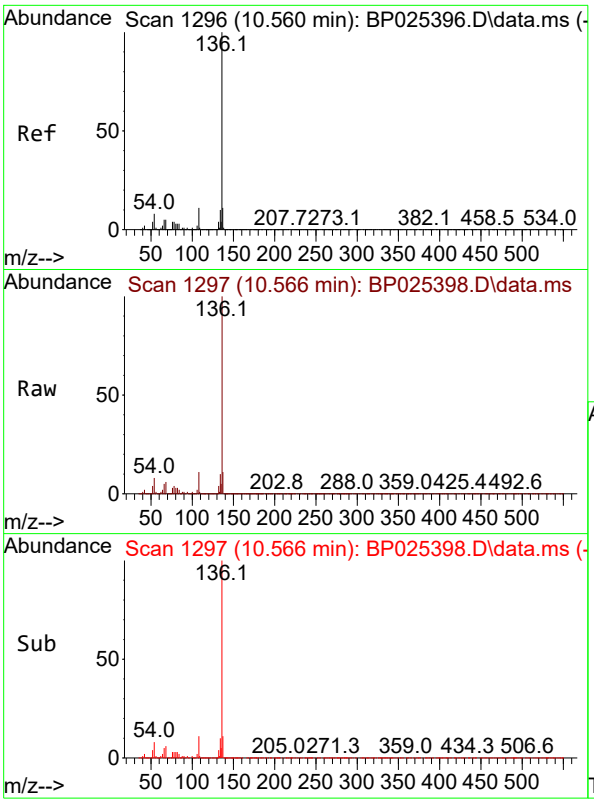


#20
3+4-Methylphenols
Concen: 63.075 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



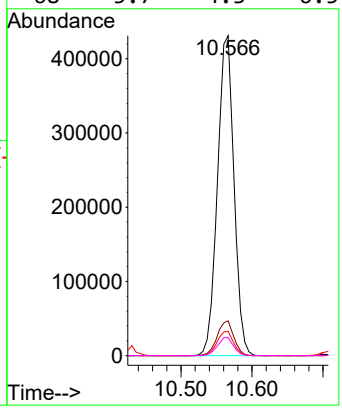


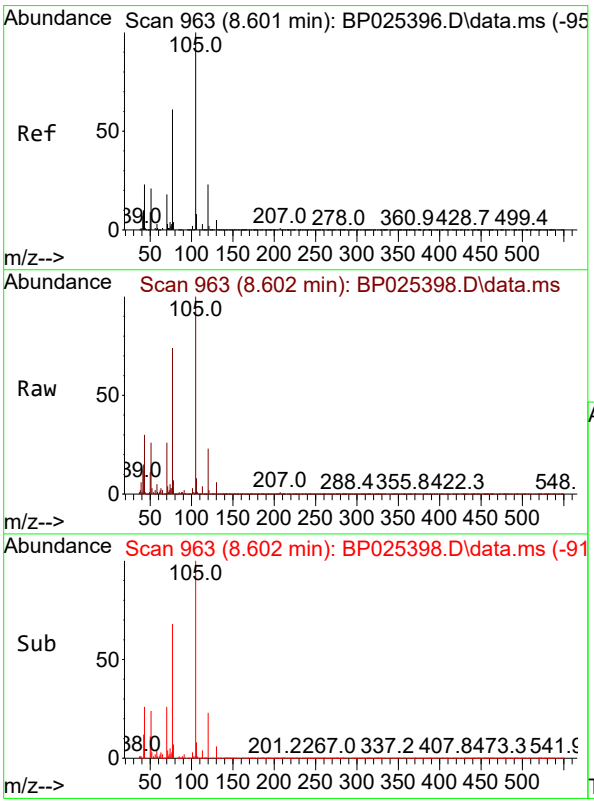
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

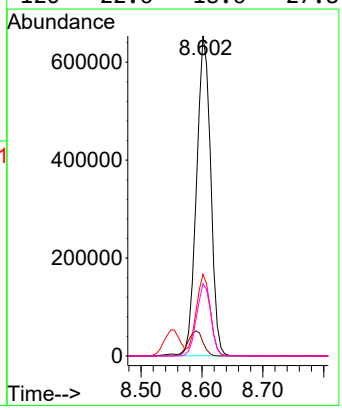


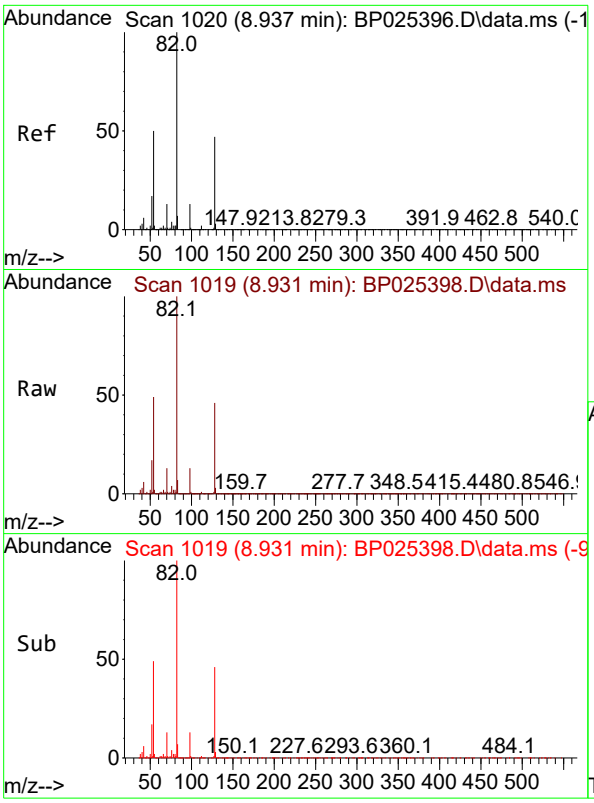


#22
Acetophenone
Concen: 60.503 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



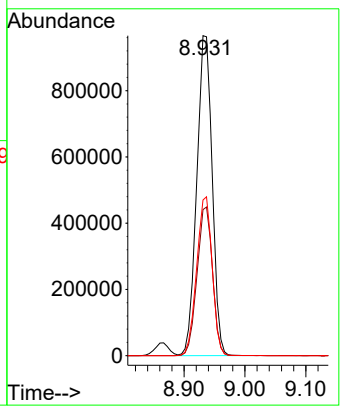


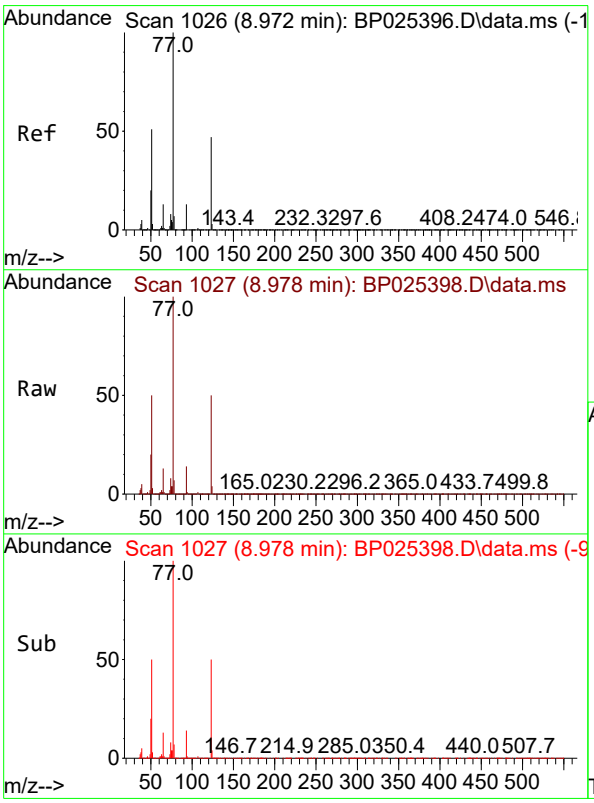
#23
Nitrobenzene-d5
Concen: 123.944 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

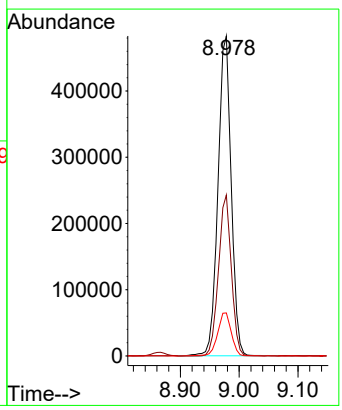


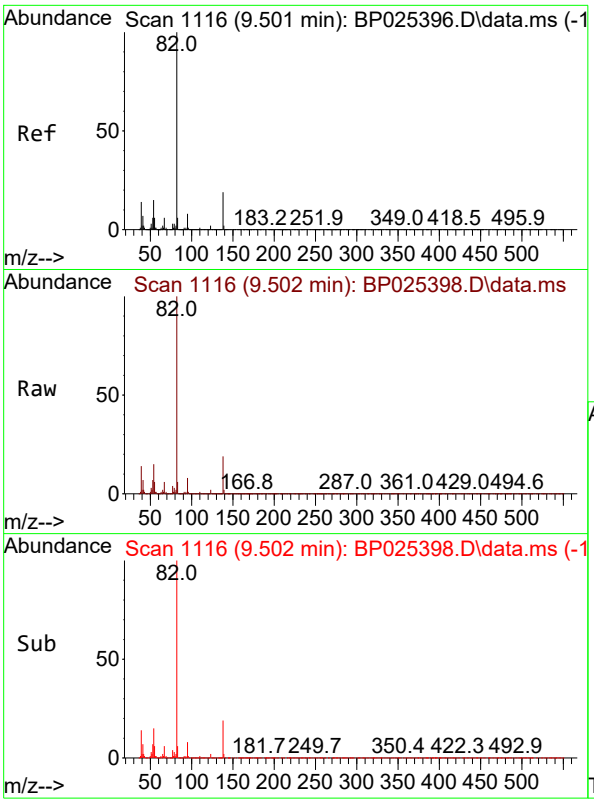


#24
Nitrobenzene
Concen: 61.461 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



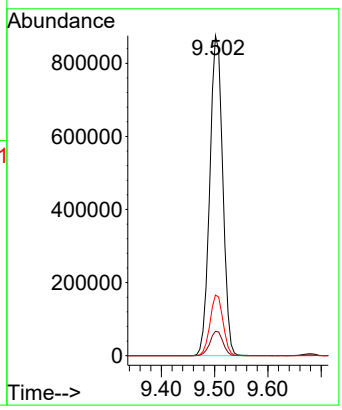


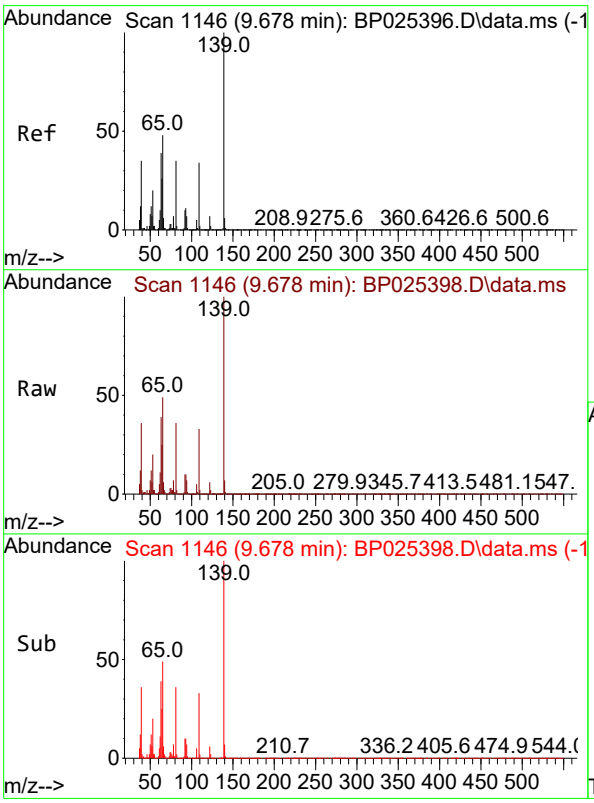
#25
Isophorone
Concen: 60.825 ng
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

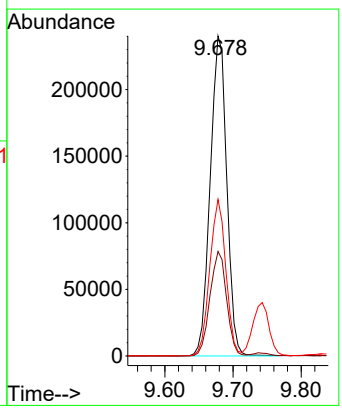


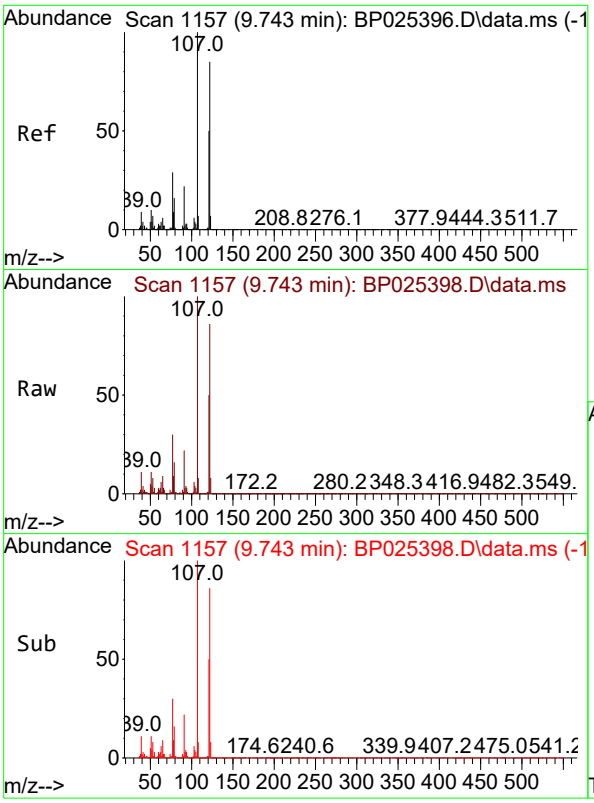


#26
2-Nitrophenol
Concen: 64.564 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



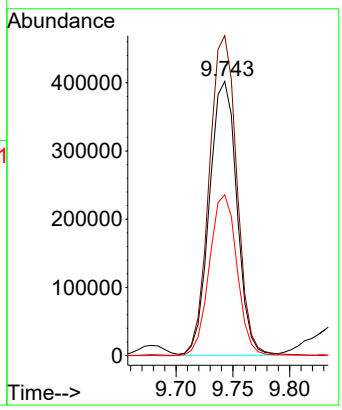


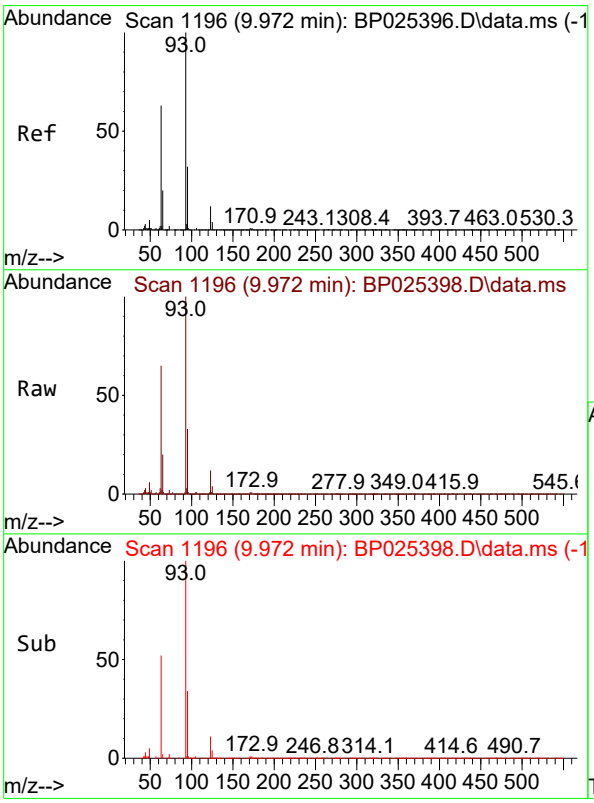
#27
2,4-Dimethylphenol
Concen: 62.463 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

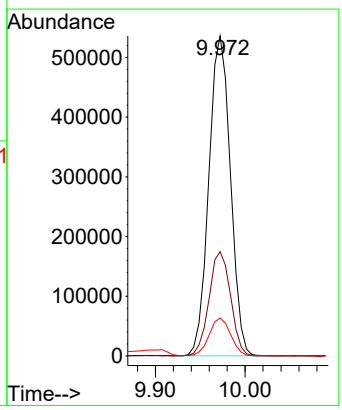


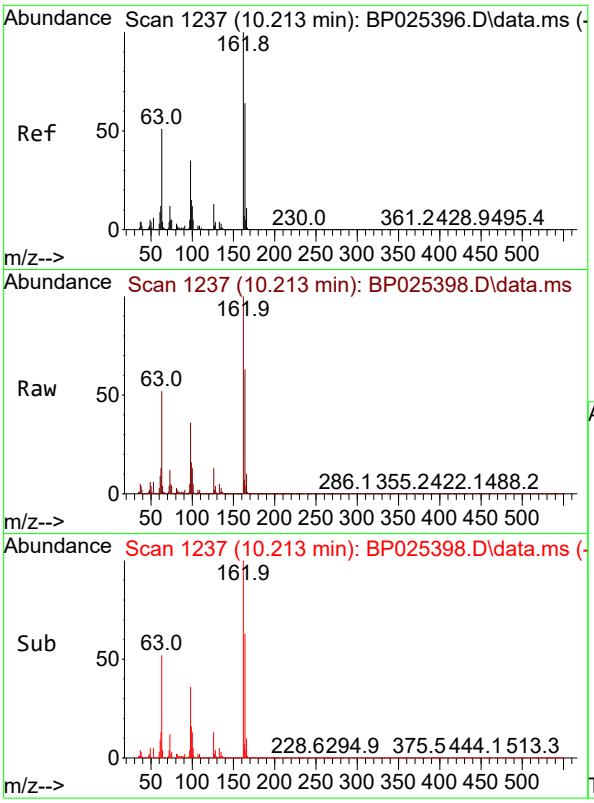


#28
bis(2-Chloroethoxy)methane
Concen: 61.040 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



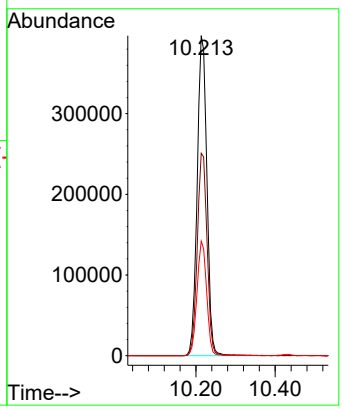


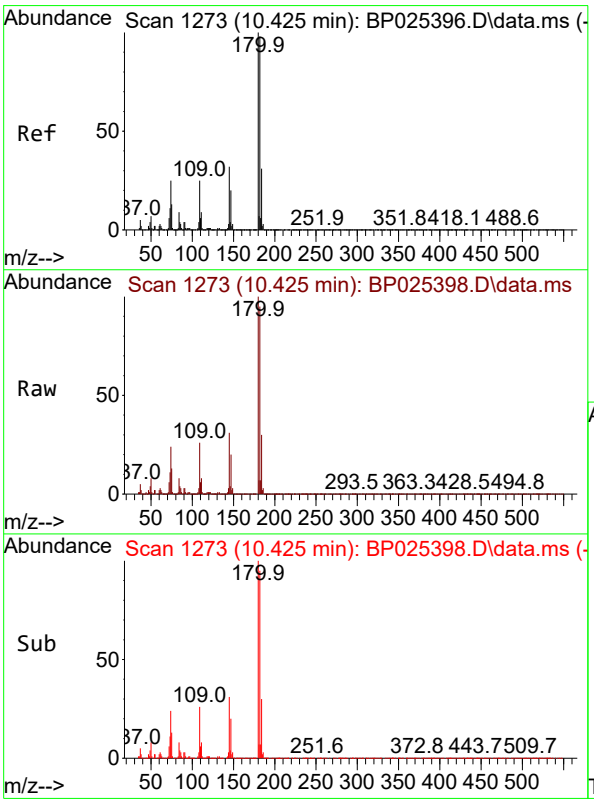
#29
2,4-Dichlorophenol
Concen: 62.764 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

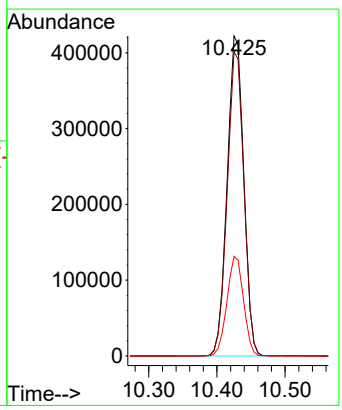


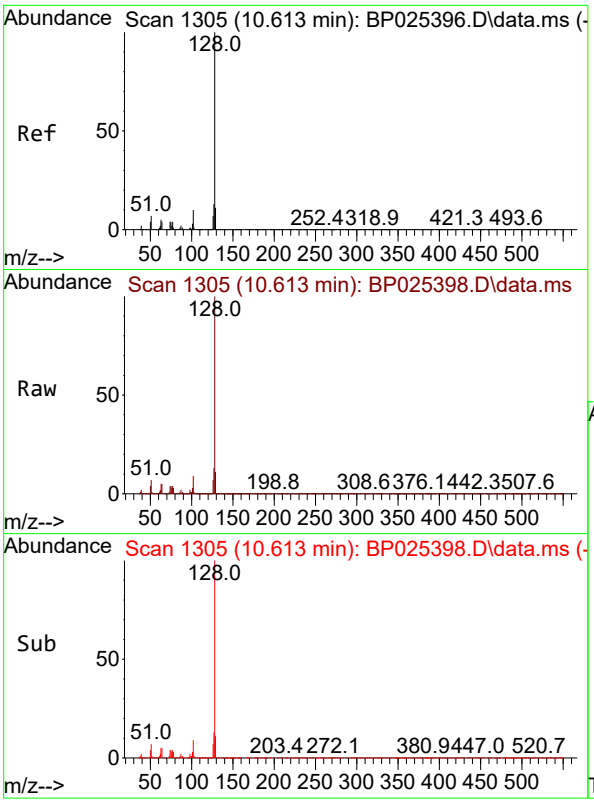


#30
1,2,4-Trichlorobenzene
Concen: 60.823 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



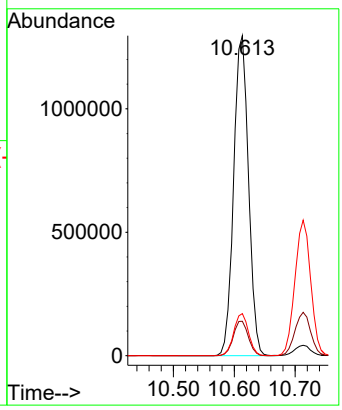


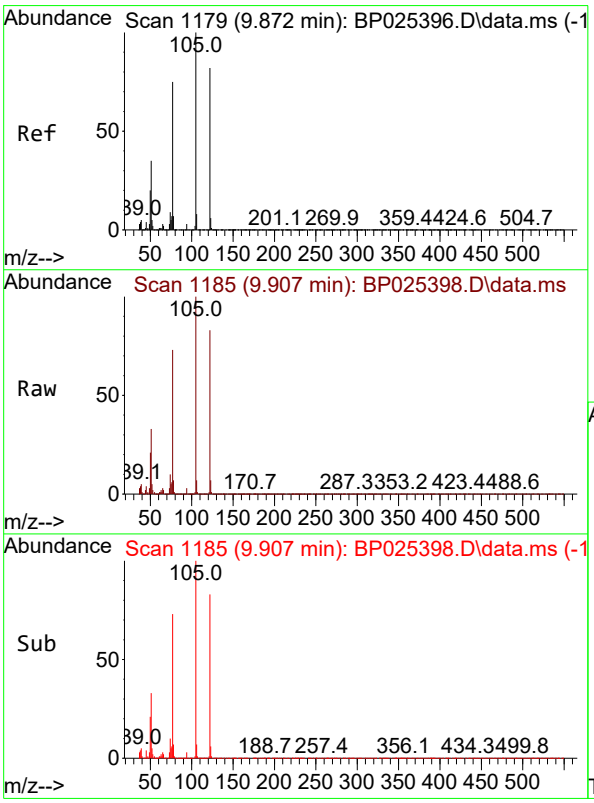
#31
Naphthalene
Concen: 60.722 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

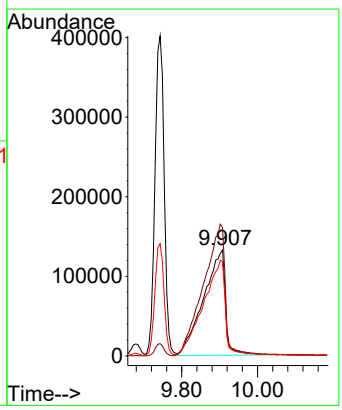


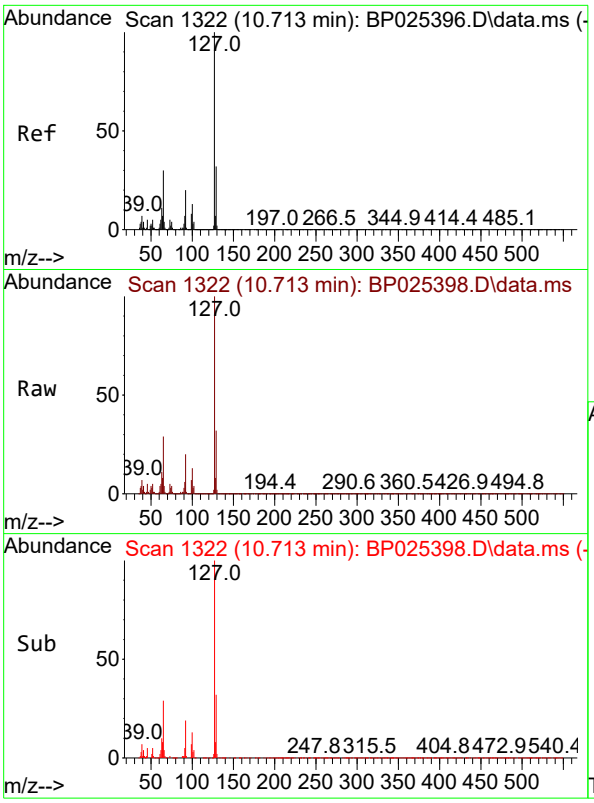


#32
Benzoic acid
Concen: 66.651 ng
RT: 9.907 min Scan# 1185
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



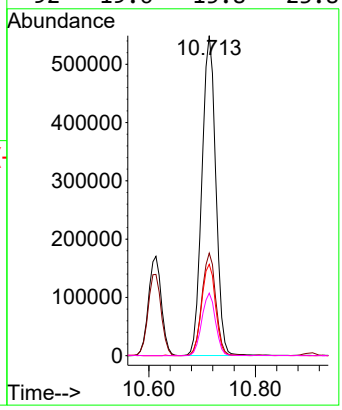


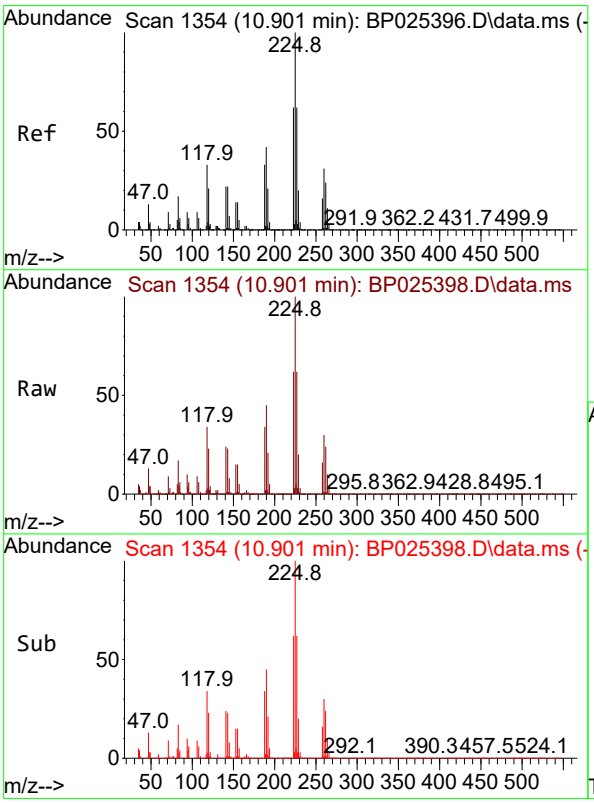
#33
4-Chloroaniline
Concen: 62.401 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

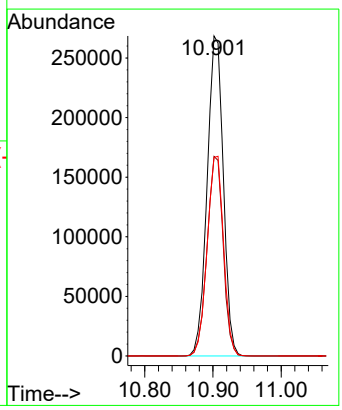


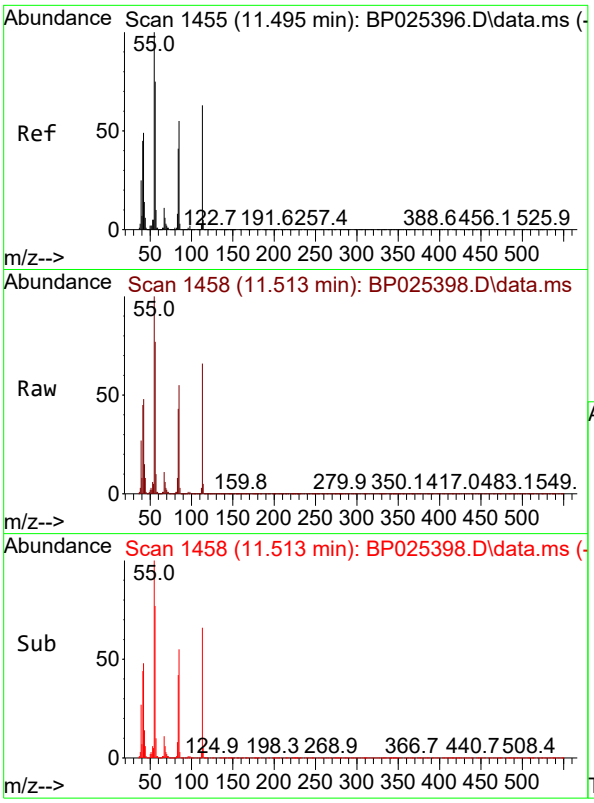


#34
Hexachlorobutadiene
Concen: 60.421 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



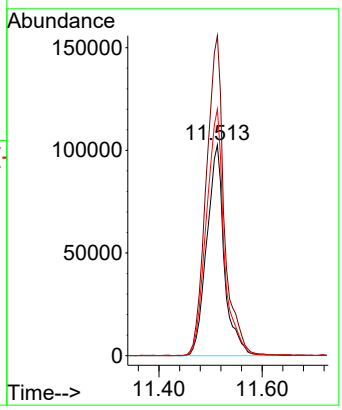


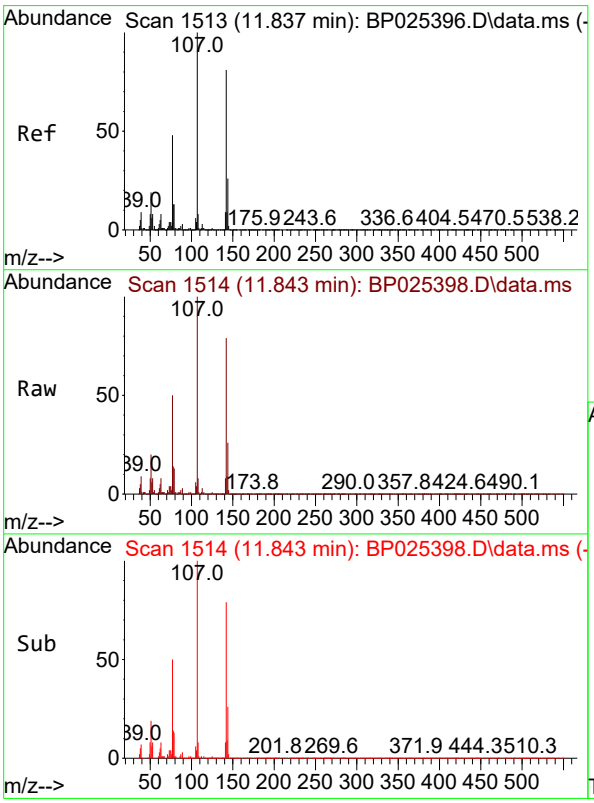
#35
Caprolactam
Concen: 61.340 ng
RT: 11.513 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

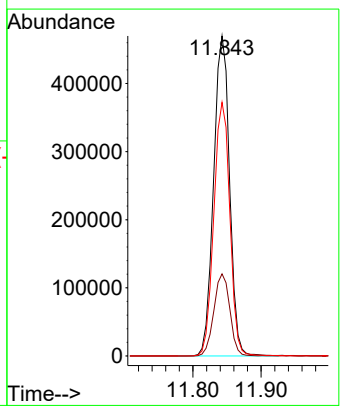


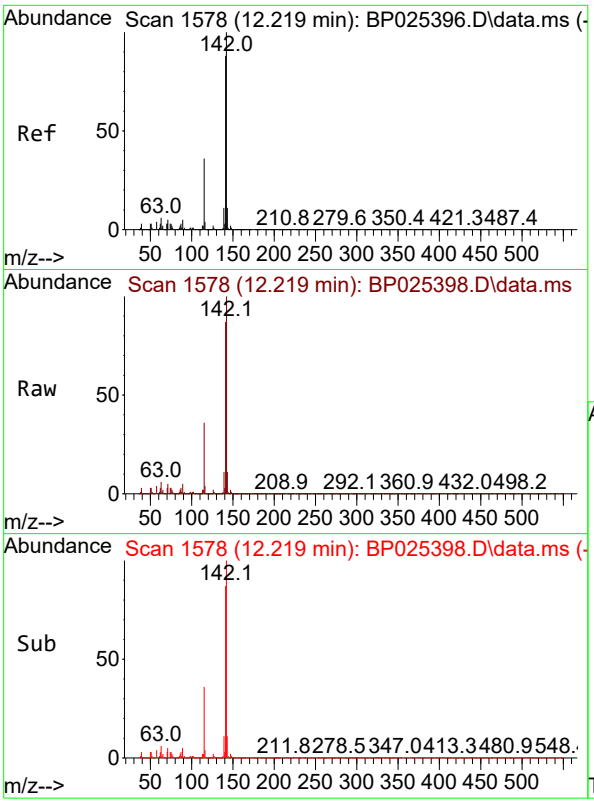


#36
4-Chloro-3-methylphenol
Concen: 62.033 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



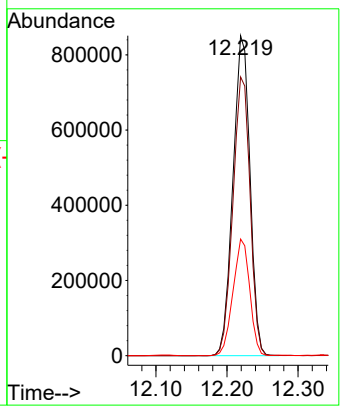


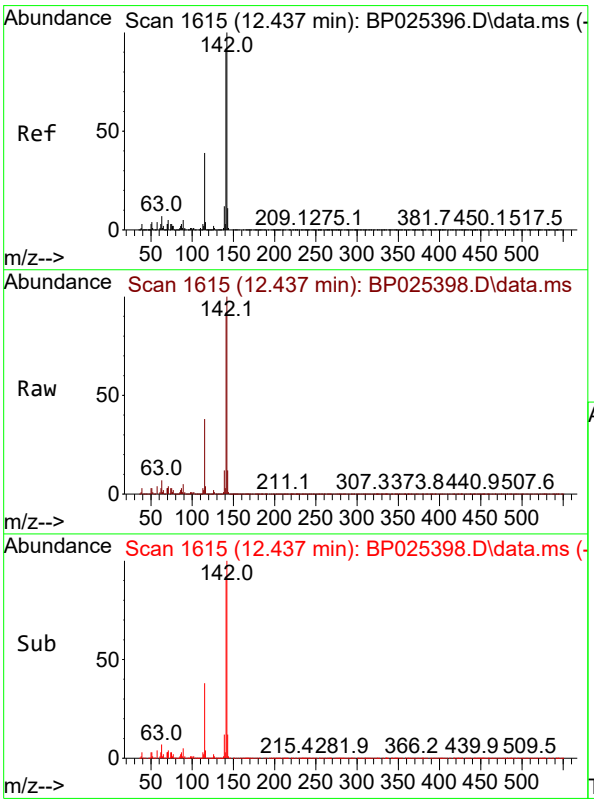
#37
2-Methylnaphthalene
Concen: 60.511 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

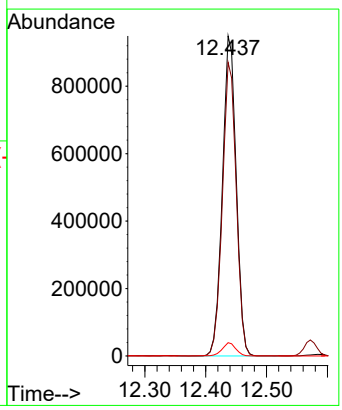


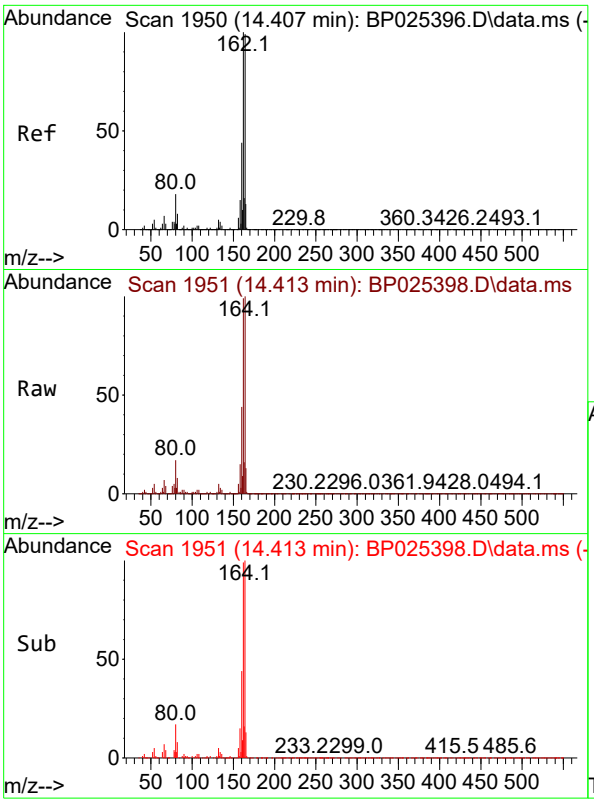


#38
1-Methylnaphthalene
Concen: 59.925 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



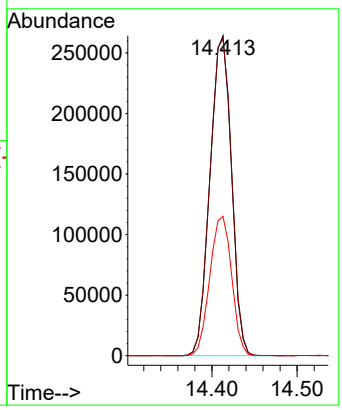


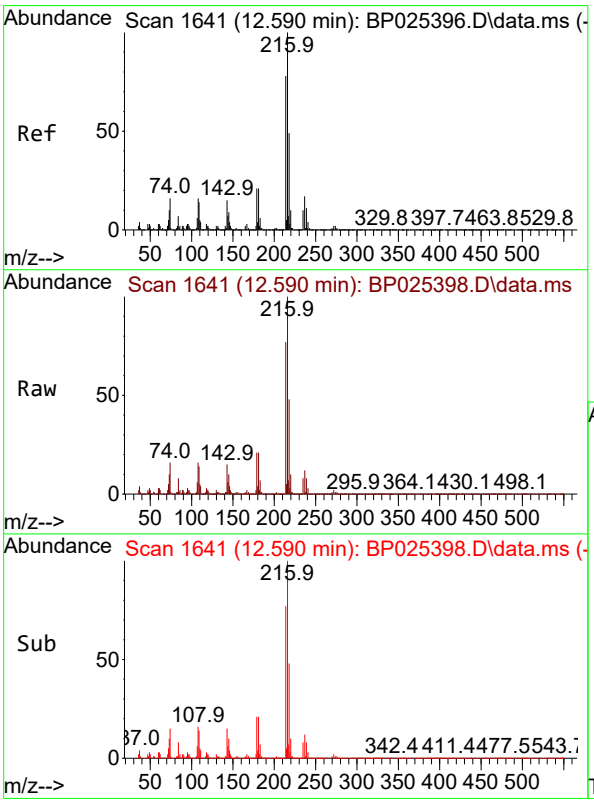
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

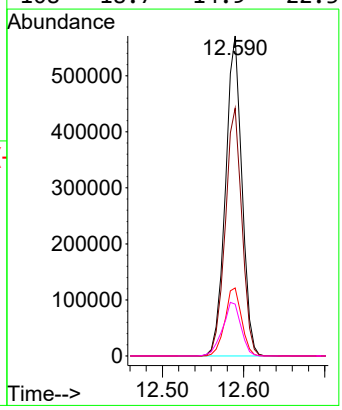


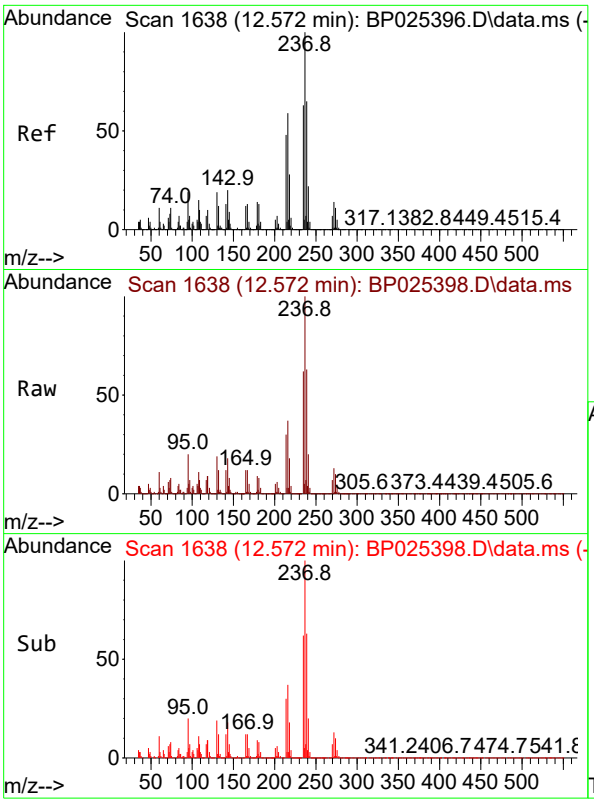


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.365 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



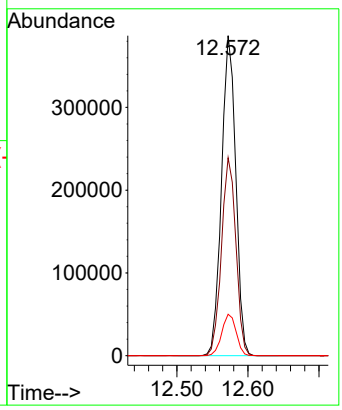


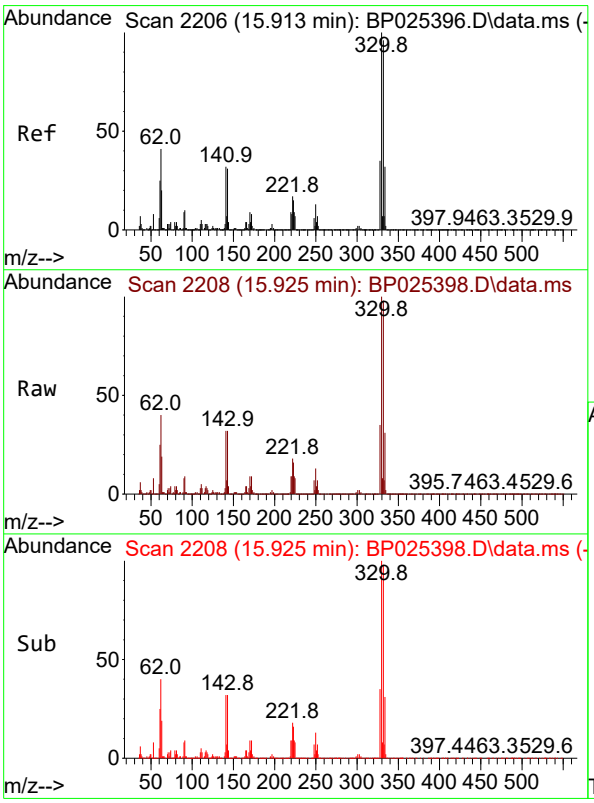
#41
Hexachlorocyclopentadiene
Concen: 66.784 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

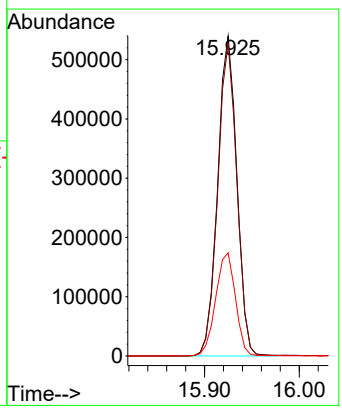


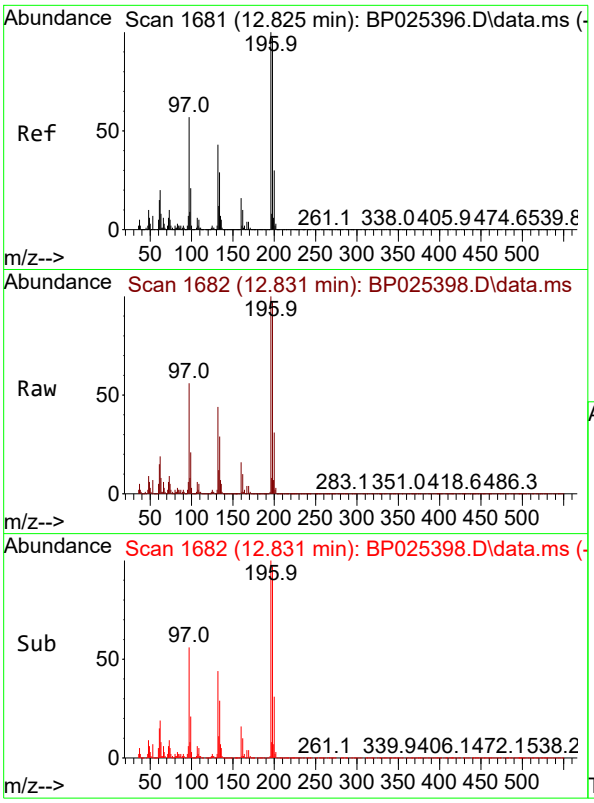


#42
2,4,6-Tribromophenol
Concen: 122.748 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



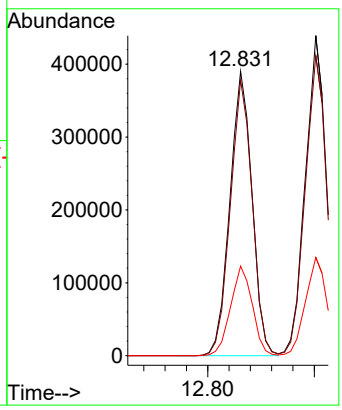


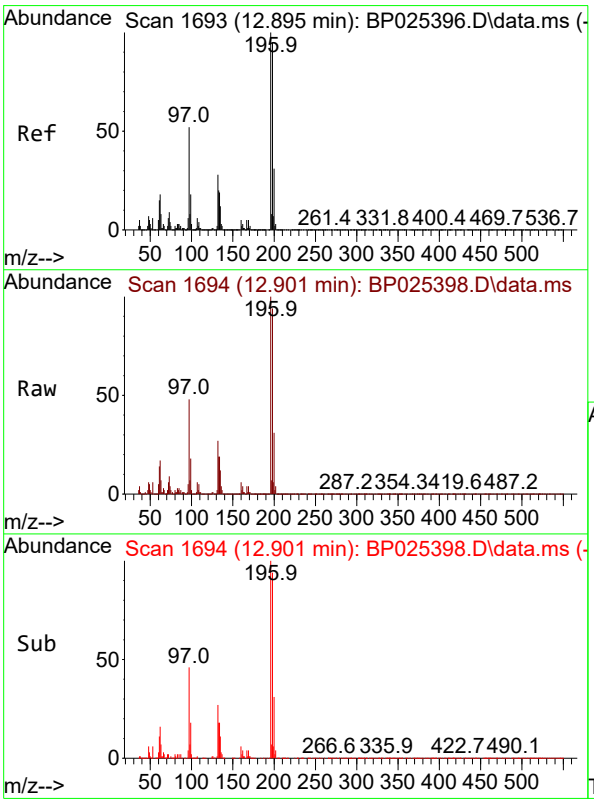
#43
2,4,6-Trichlorophenol
Concen: 62.841 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

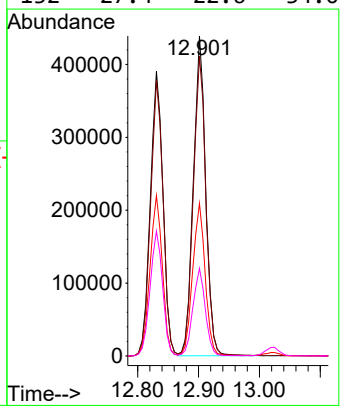


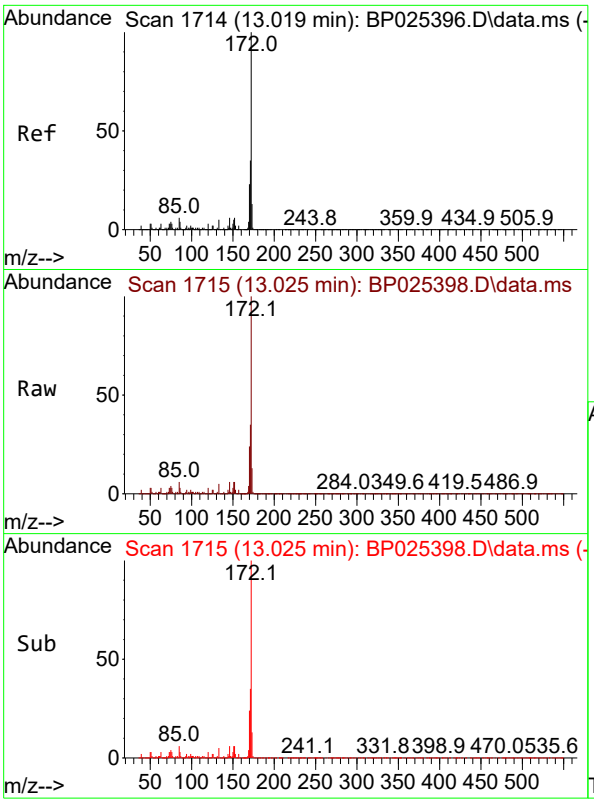


#44
2,4,5-Trichlorophenol
Concen: 62.937 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



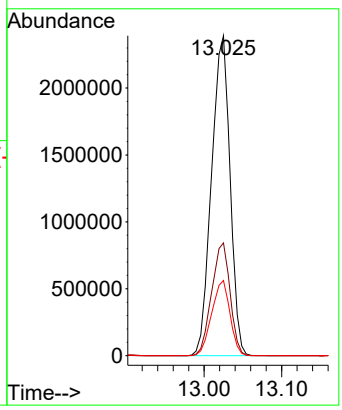


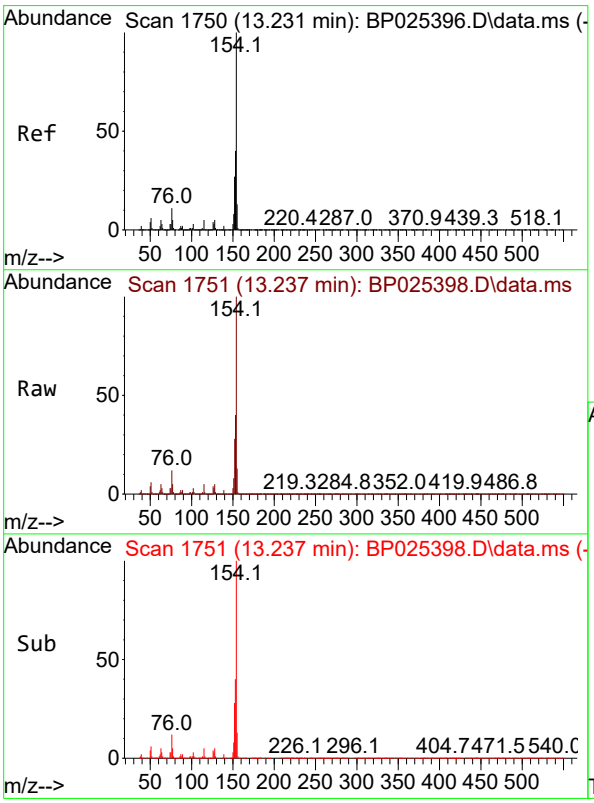
#45
2-Fluorobiphenyl
Concen: 117.656 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

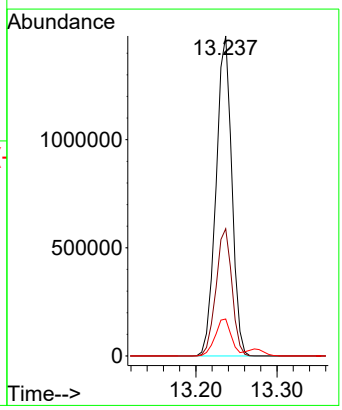


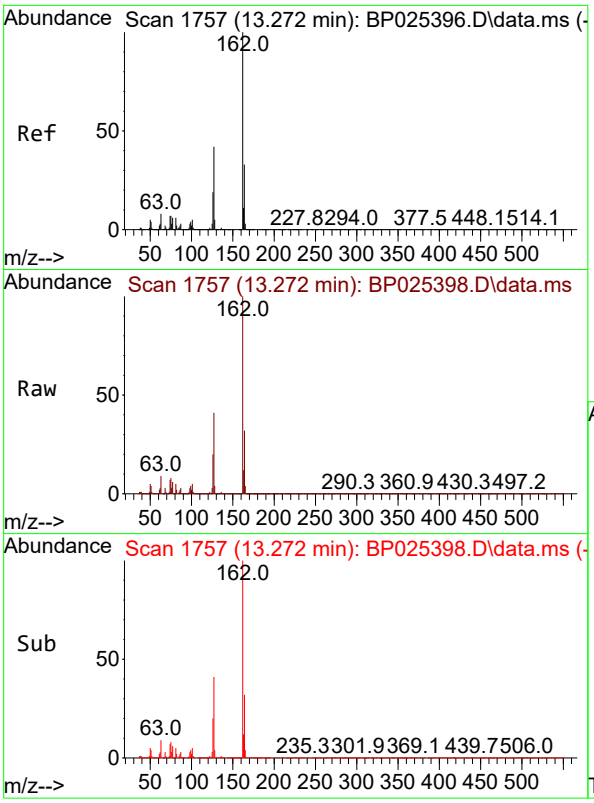


#46
1,1'-Biphenyl
Concen: 59.695 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



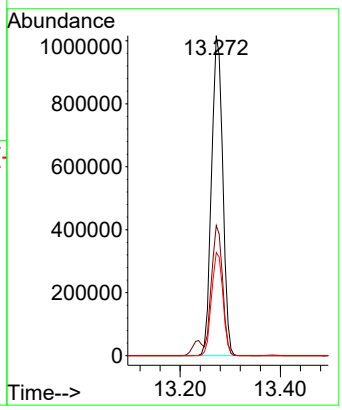


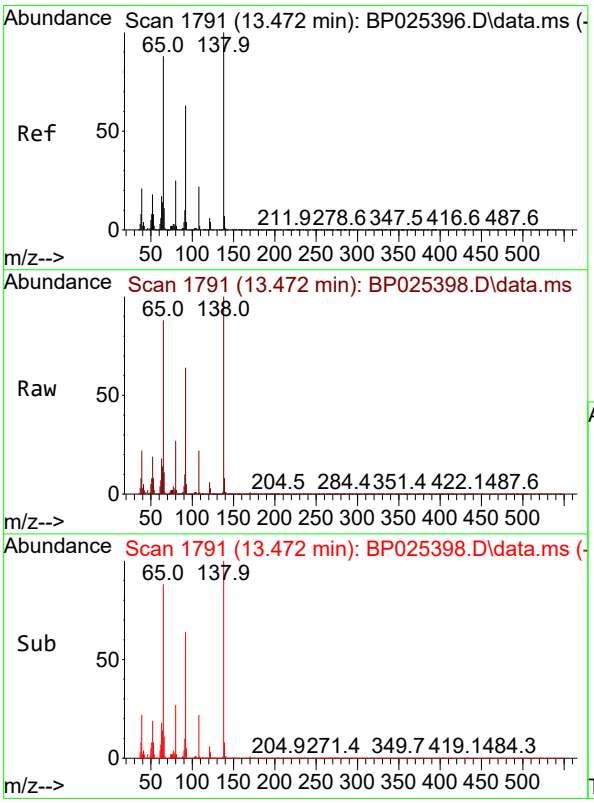
#47
2-Chloronaphthalene
Concen: 60.600 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

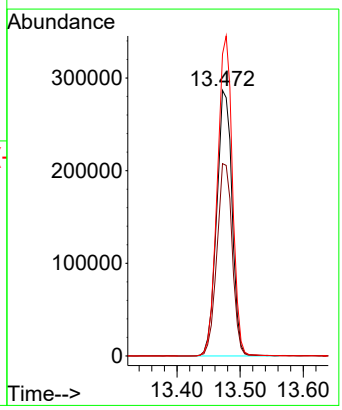


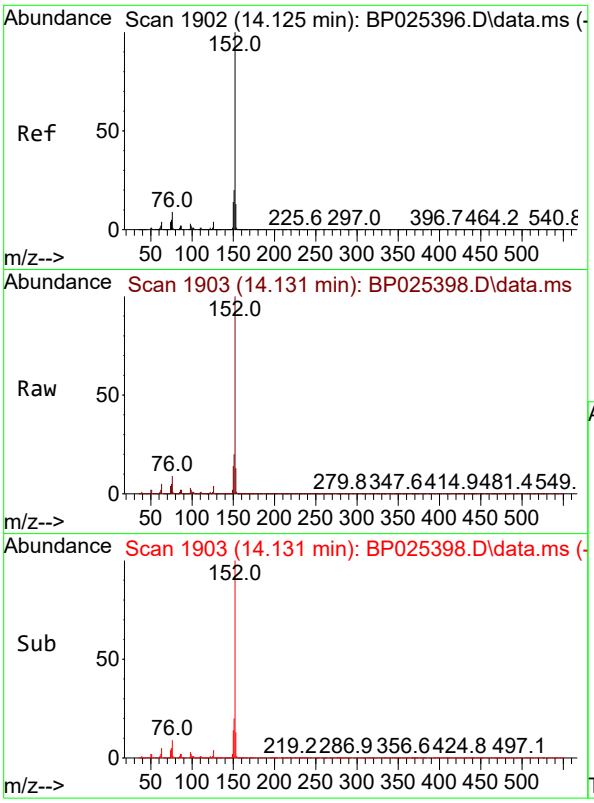


#48
2-Nitroaniline
Concen: 63.996 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



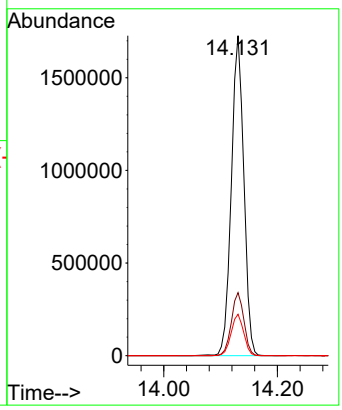


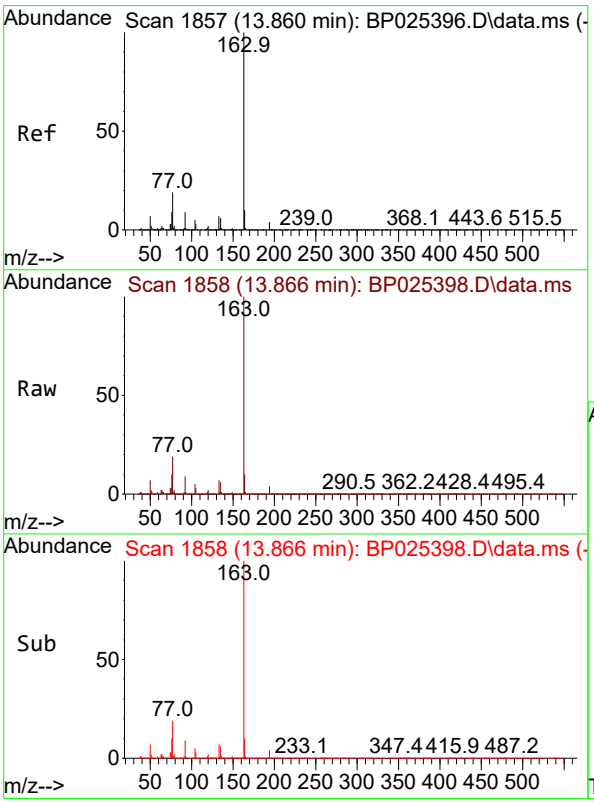
#49
Acenaphthylene
Concen: 61.147 ng
RT: 14.131 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

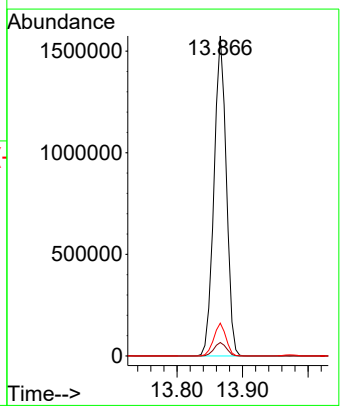


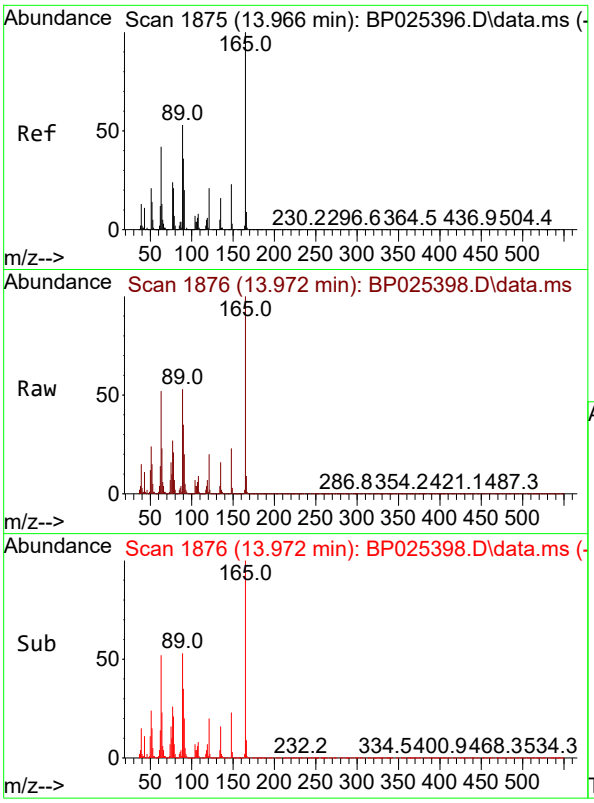


#50
Dimethylphthalate
Concen: 60.572 ng
RT: 13.866 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



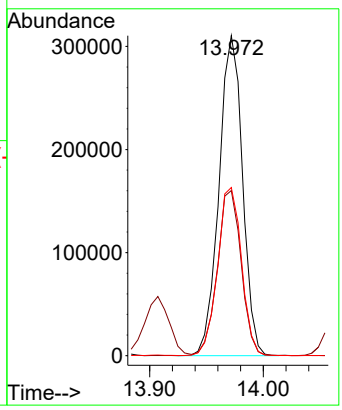


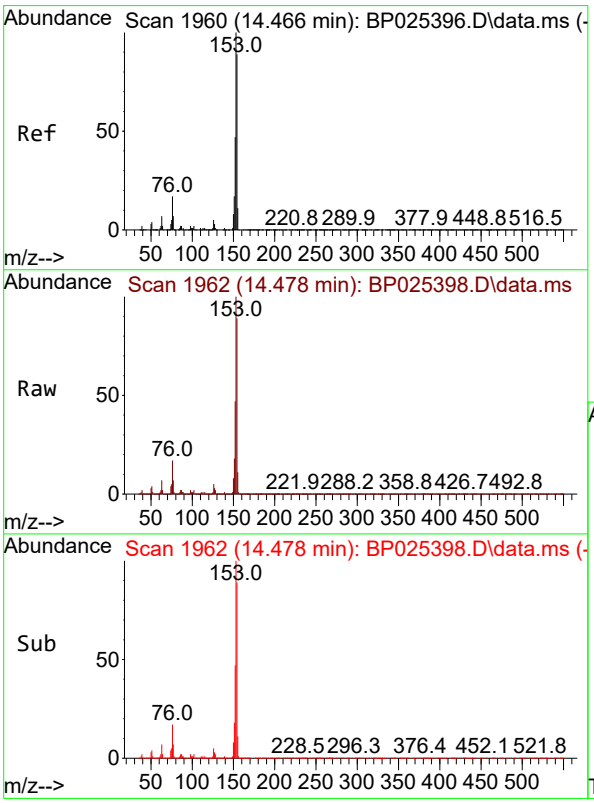
#51
2,6-Dinitrotoluene
Concen: 62.831 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

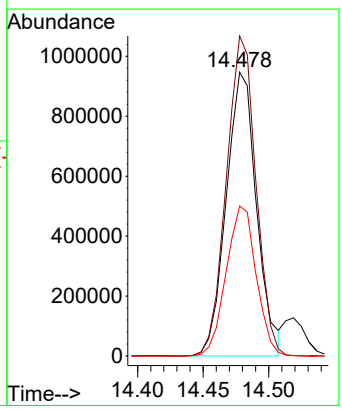


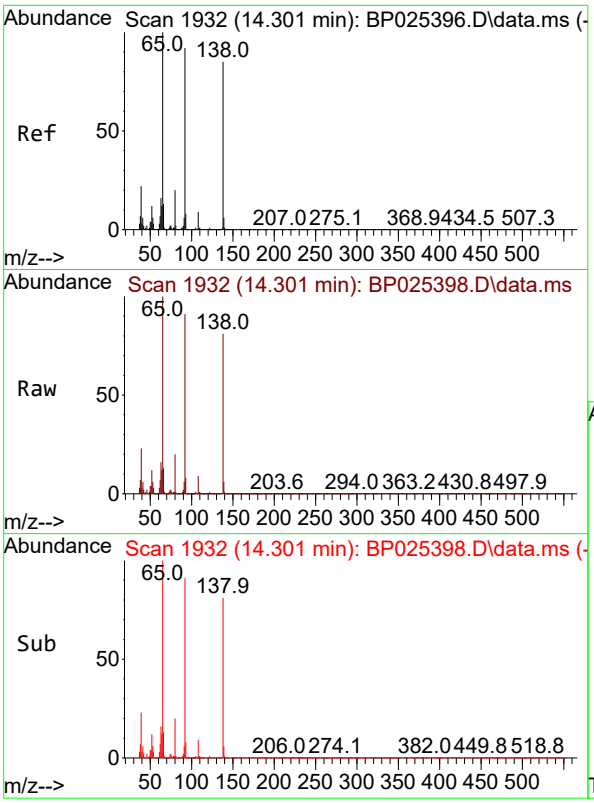


#52
Acenaphthene
Concen: 60.399 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



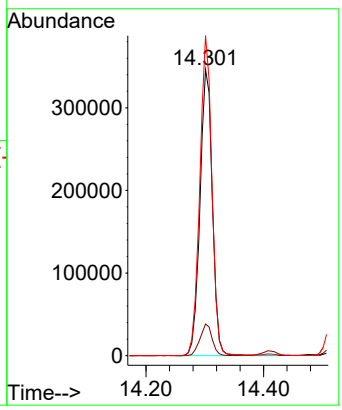


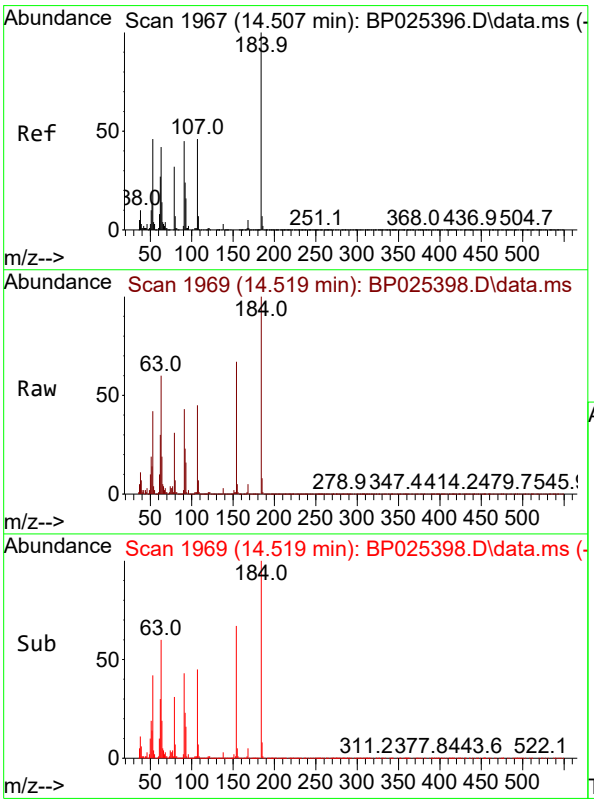
#53
3-Nitroaniline
Concen: 63.331 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

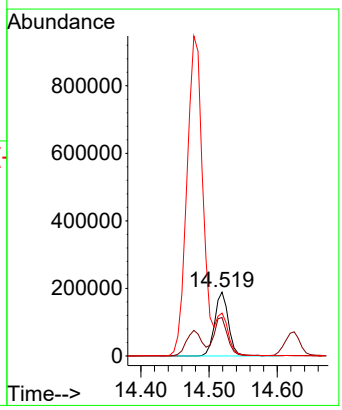


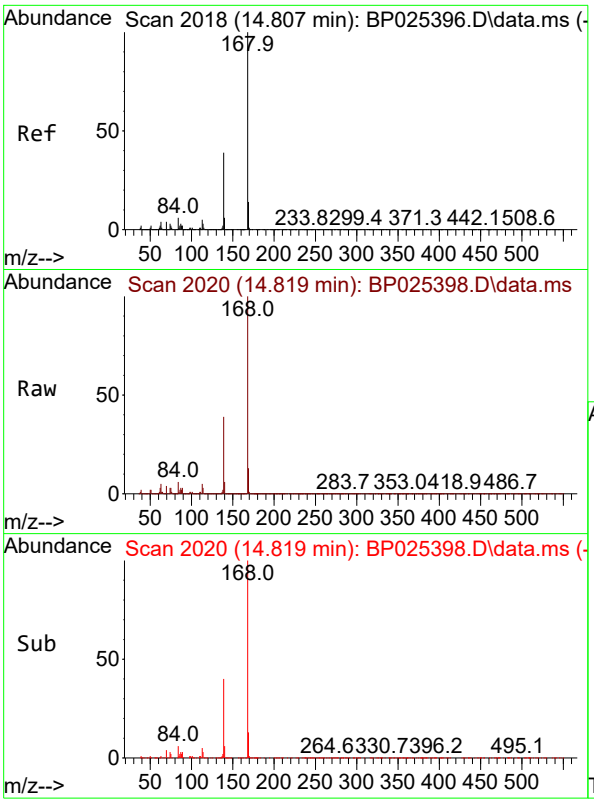


#54
2,4-Dinitrophenol
Concen: 69.849 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



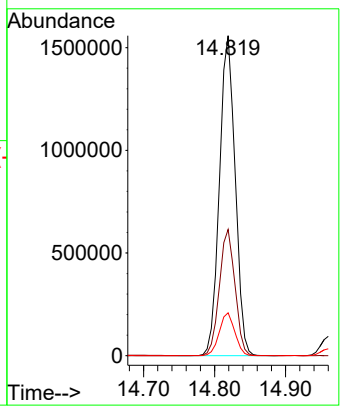


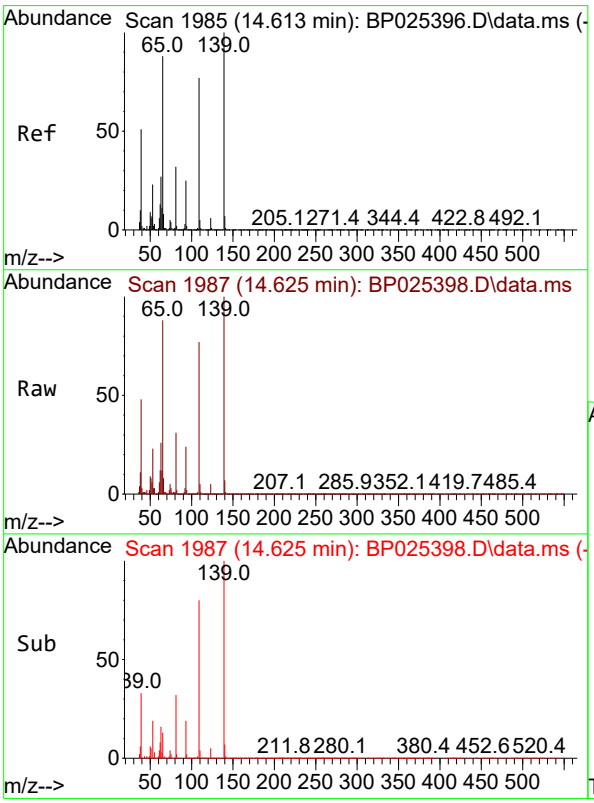
#55
Dibenzofuran
Concen: 59.734 ng
RT: 14.819 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

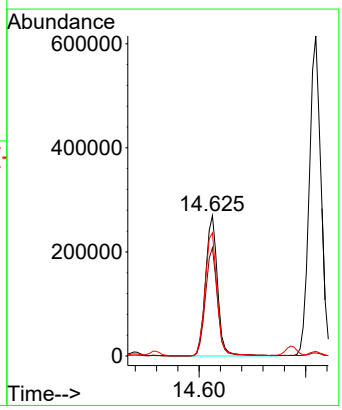


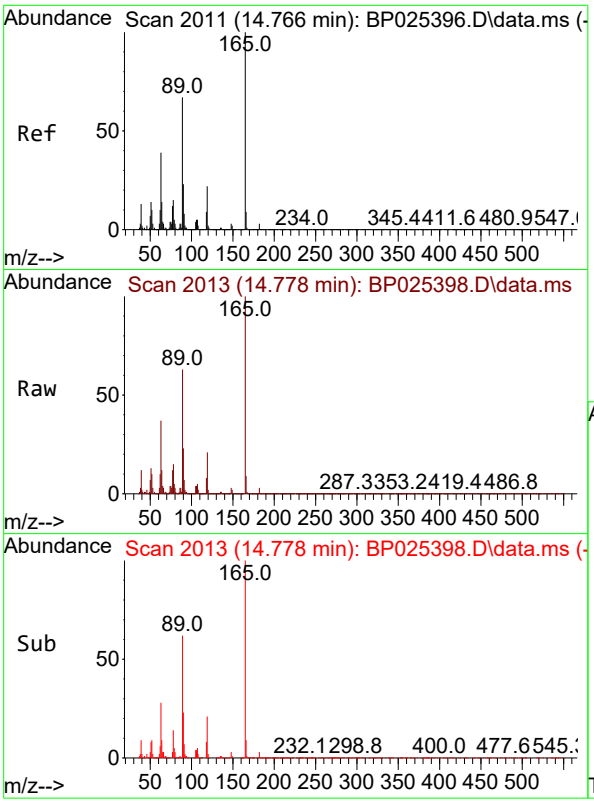


#56
4-Nitrophenol
Concen: 63.893 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



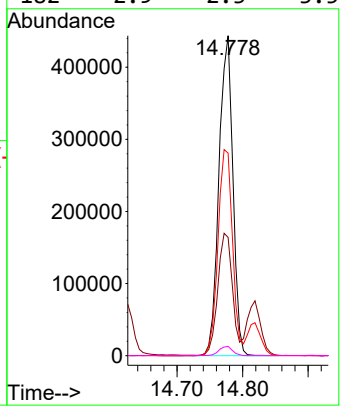


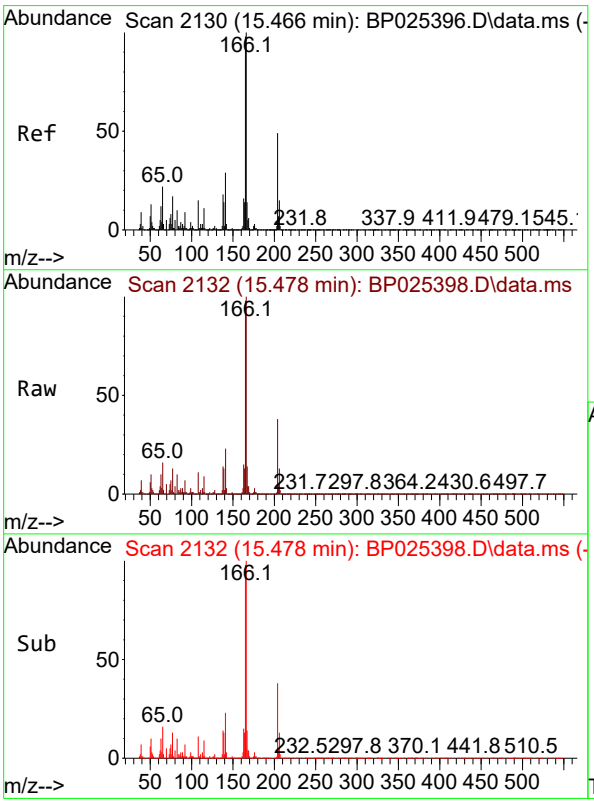
#57
2,4-Dinitrotoluene
Concen: 64.112 ng
RT: 14.778 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

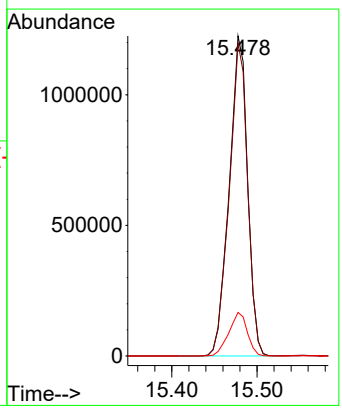


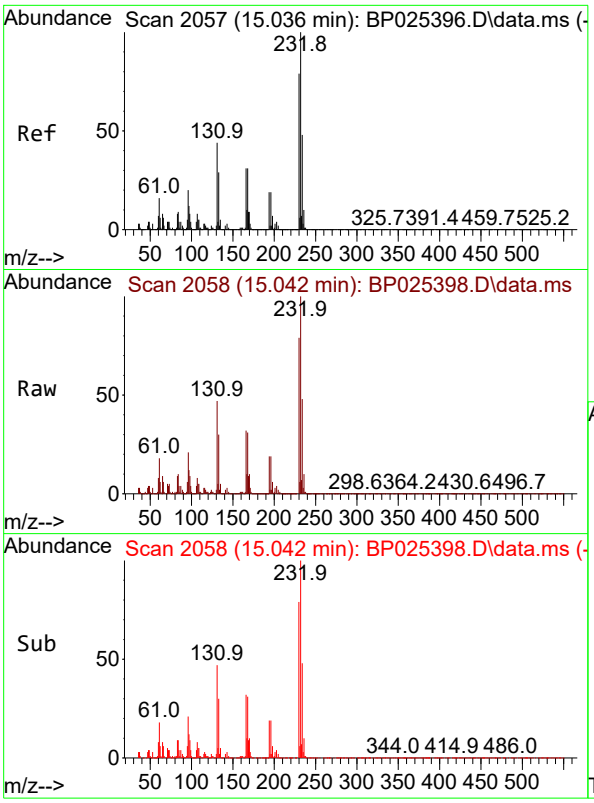


#58
Fluorene
Concen: 58.236 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



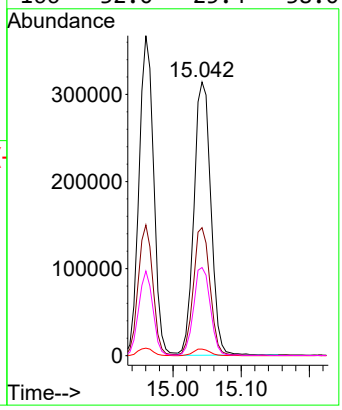


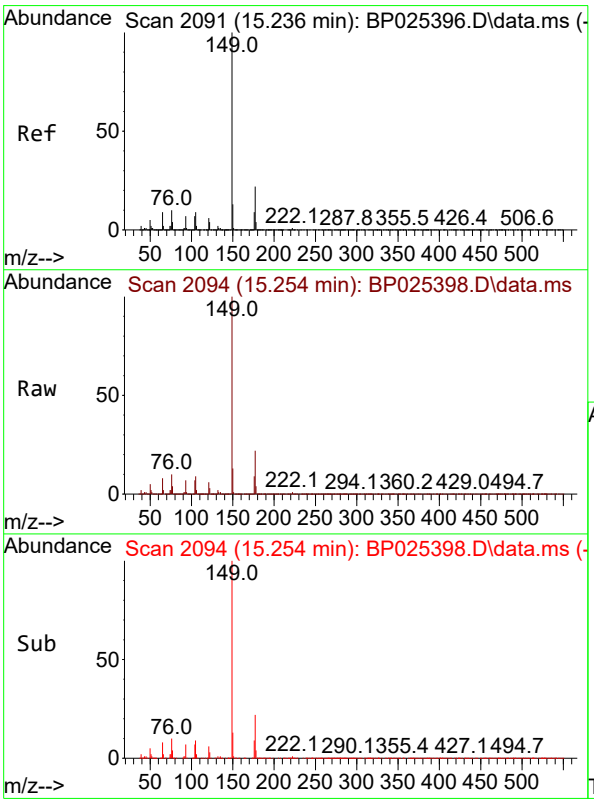
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.307 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

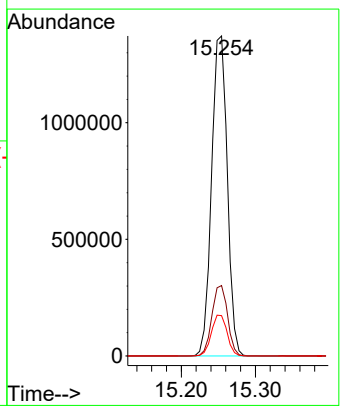


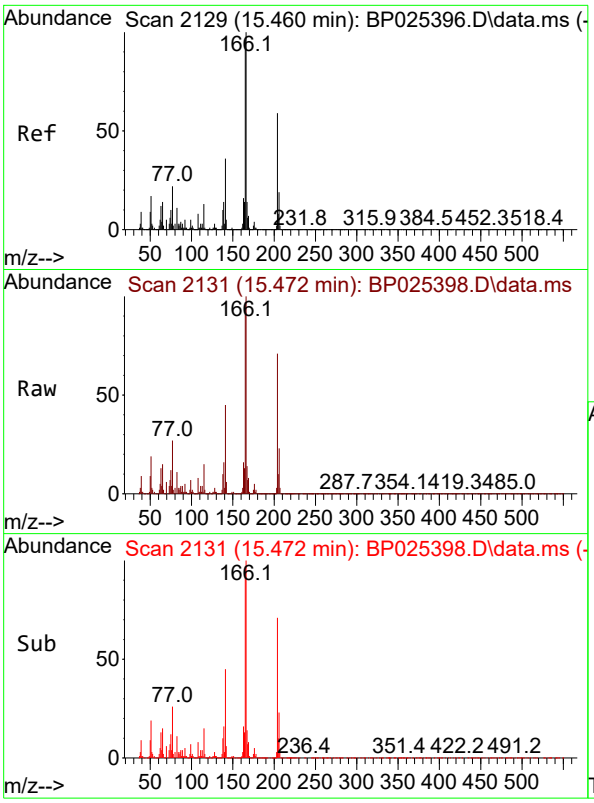


#60
Diethylphthalate
Concen: 58.840 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



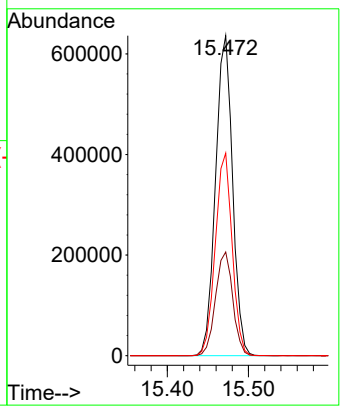


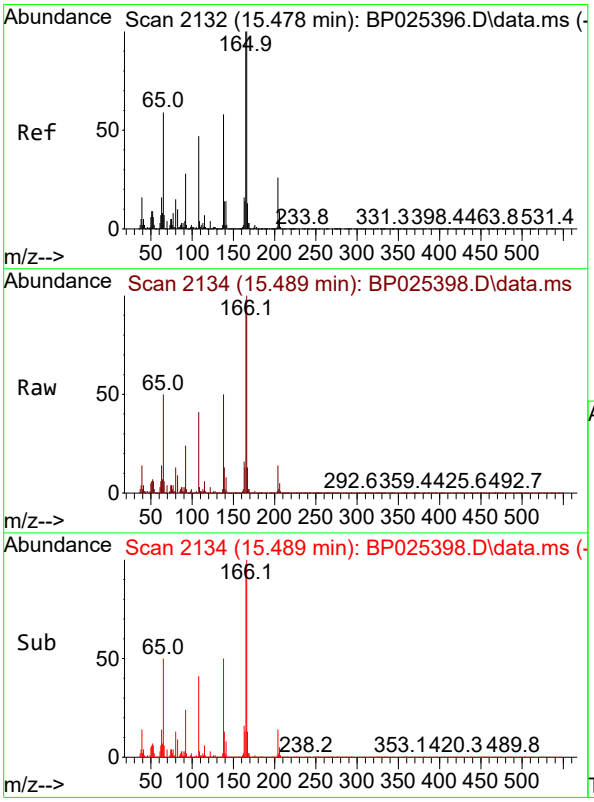
#61
4-Chlorophenyl-phenylether
Concen: 59.044 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

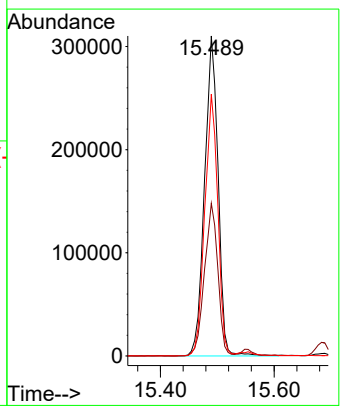


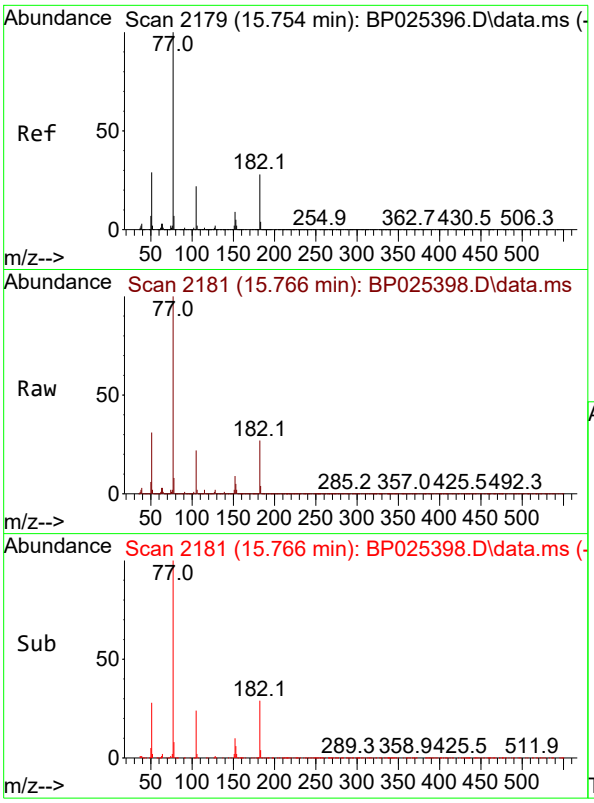


#62
4-Nitroaniline
Concen: 62.272 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



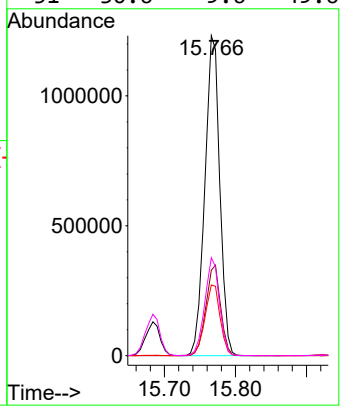


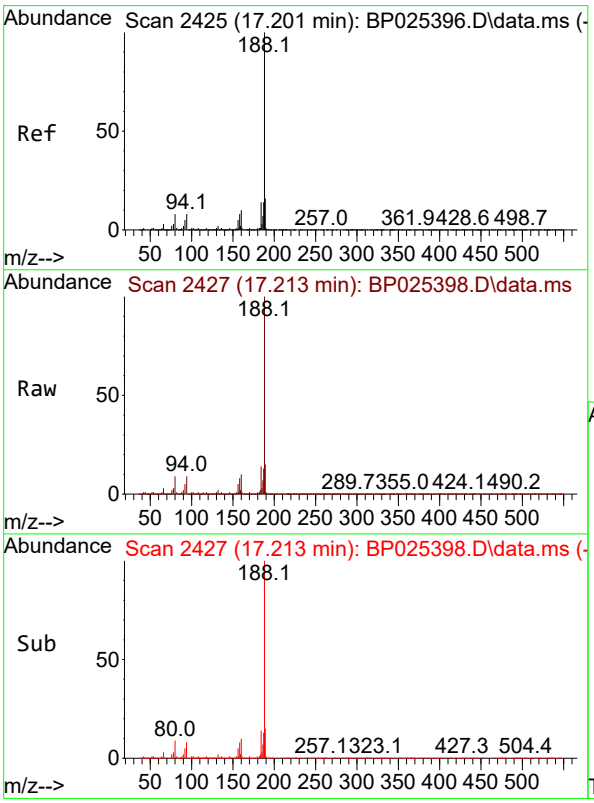
#63
Azobenzene
Concen: 61.242 ng
RT: 15.766 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

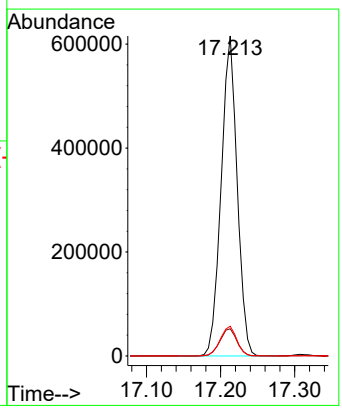


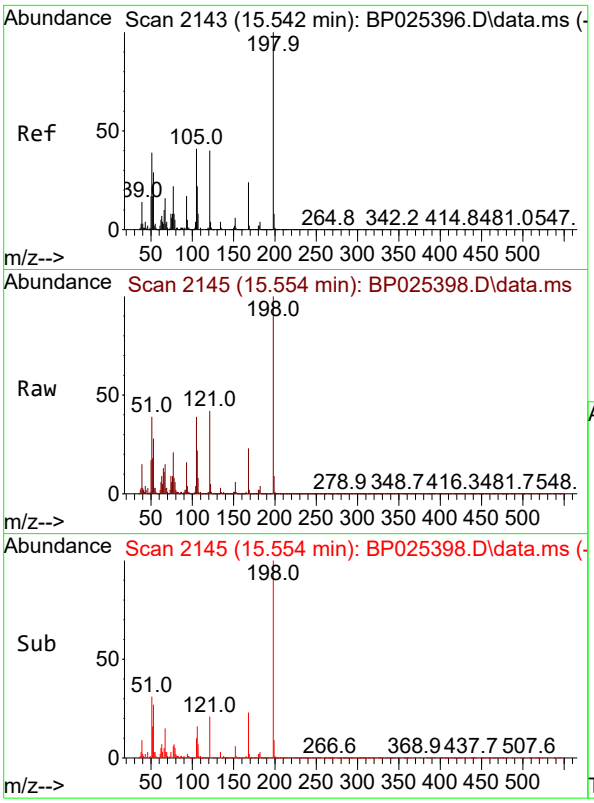


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



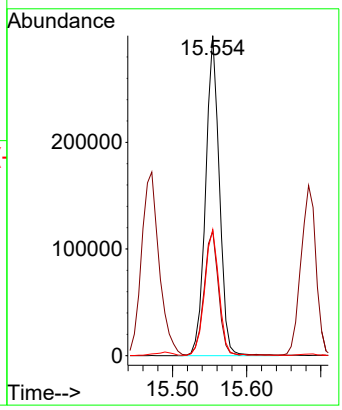


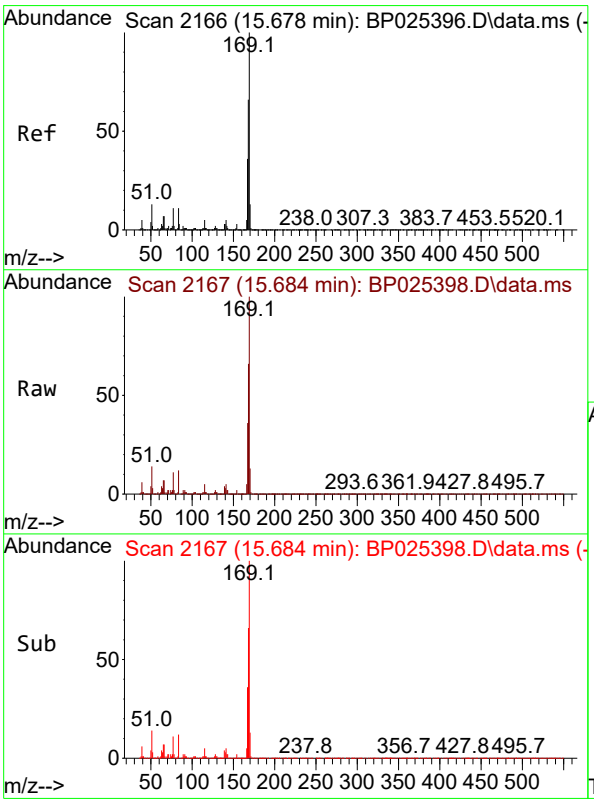
#65
4,6-Dinitro-2-methylphenol
Concen: 67.038 ng
RT: 15.554 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

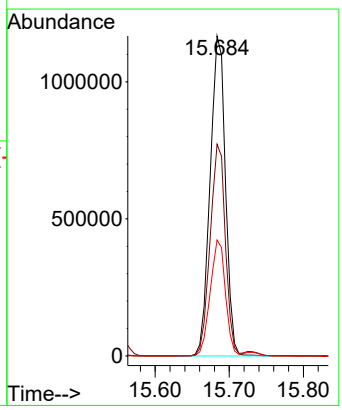


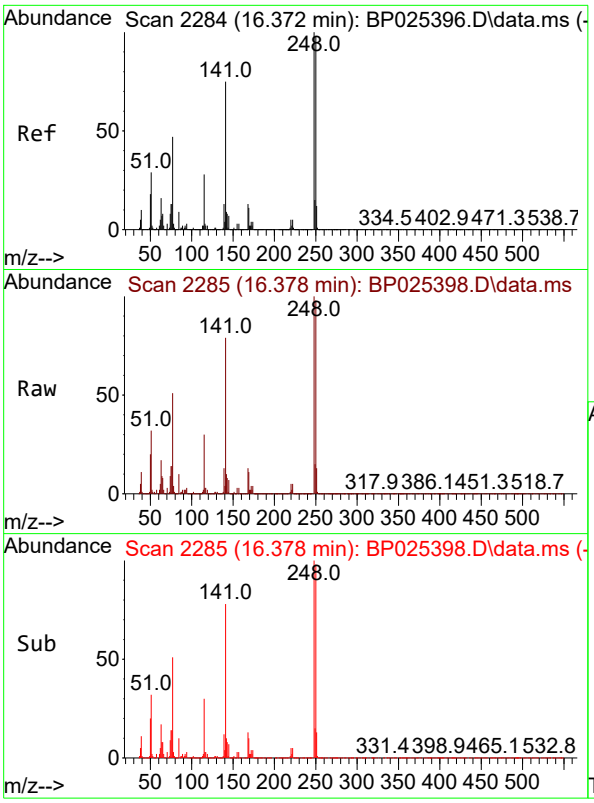


#66
n-Nitrosodiphenylamine
Concen: 59.478 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



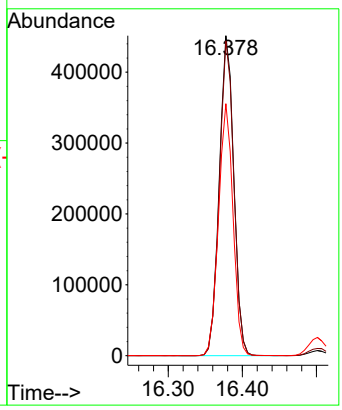


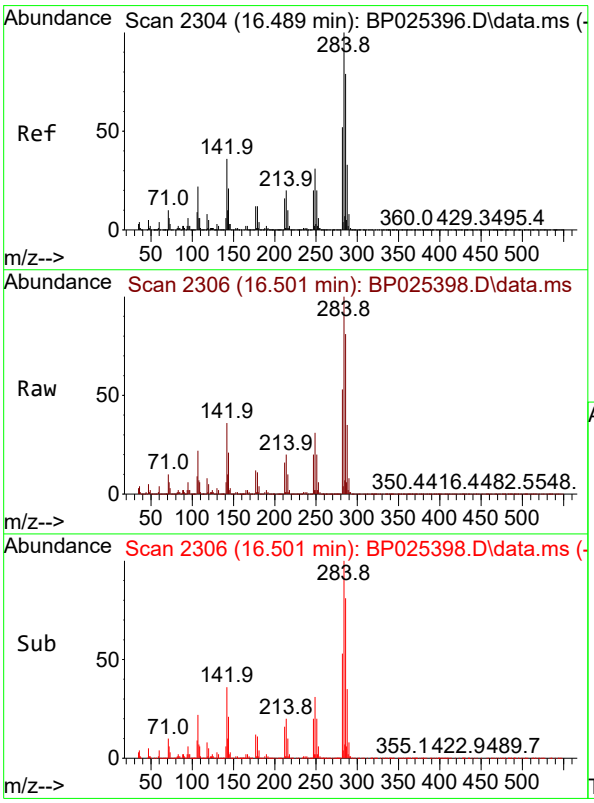
#67
4-Bromophenyl-phenylether
Concen: 60.731 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

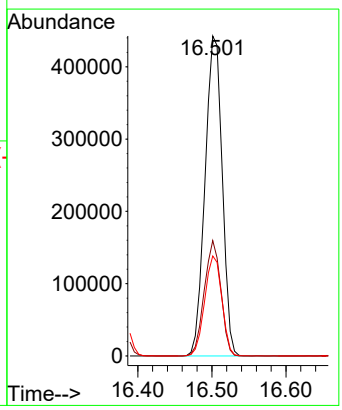


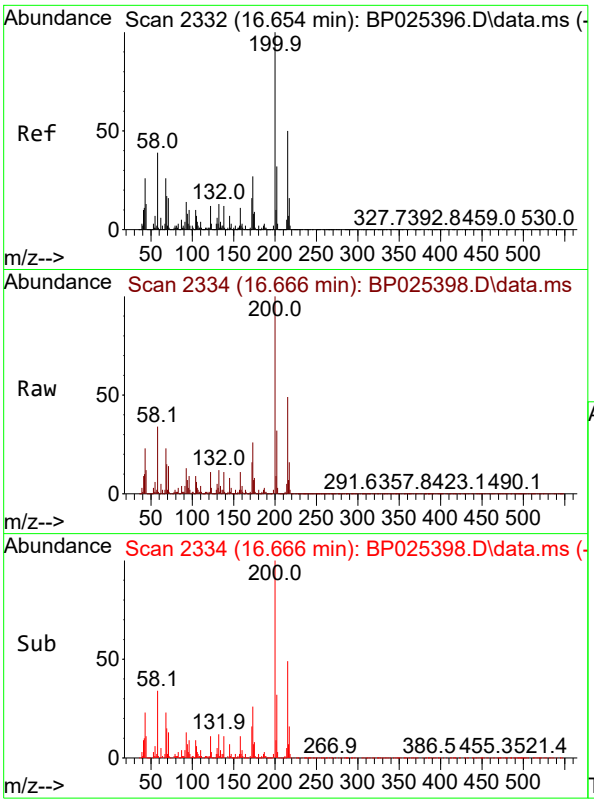


#68
Hexachlorobenzene
Concen: 60.461 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



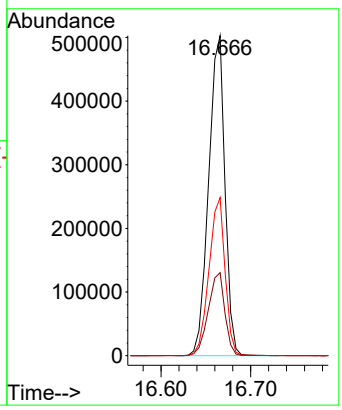


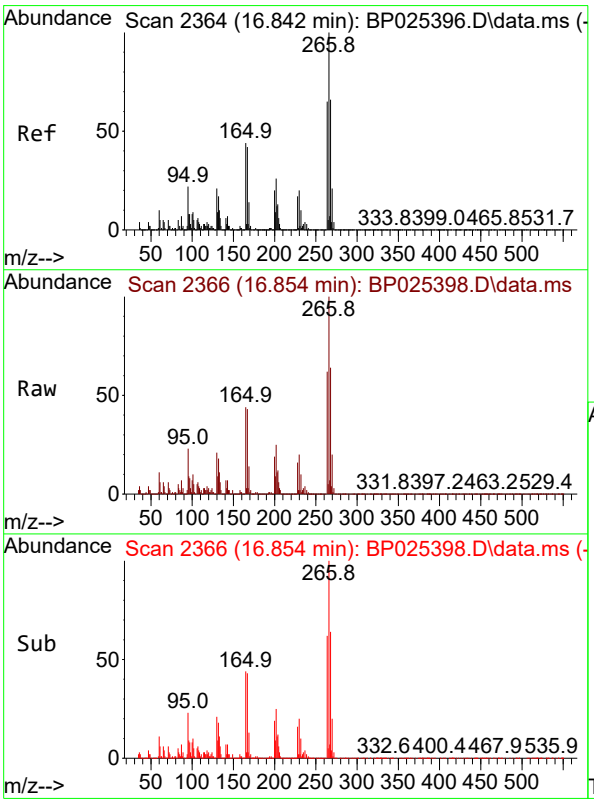
#69
Atrazine
Concen: 60.063 ng
RT: 16.666 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

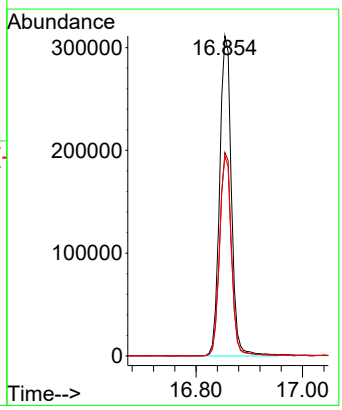


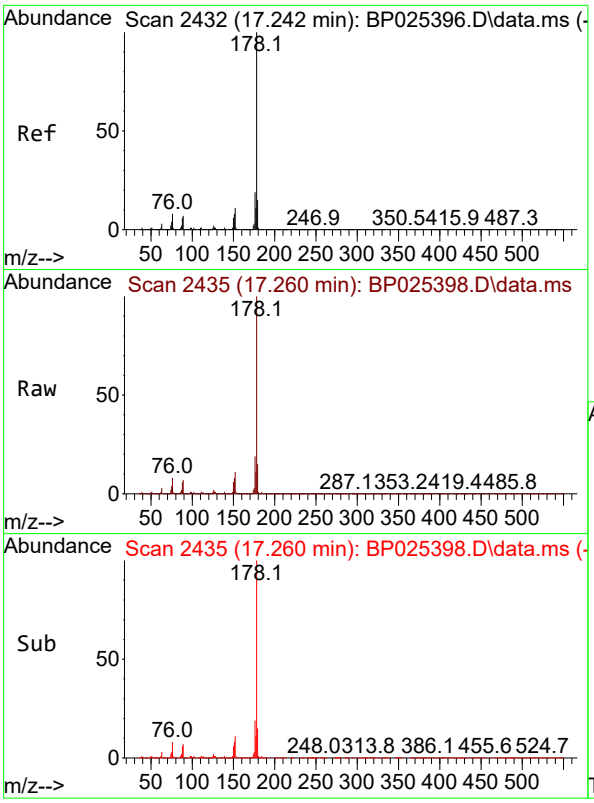


#70
Pentachlorophenol
Concen: 63.820 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



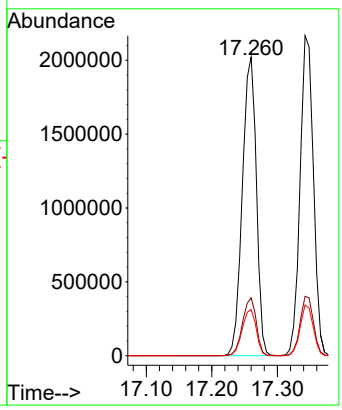


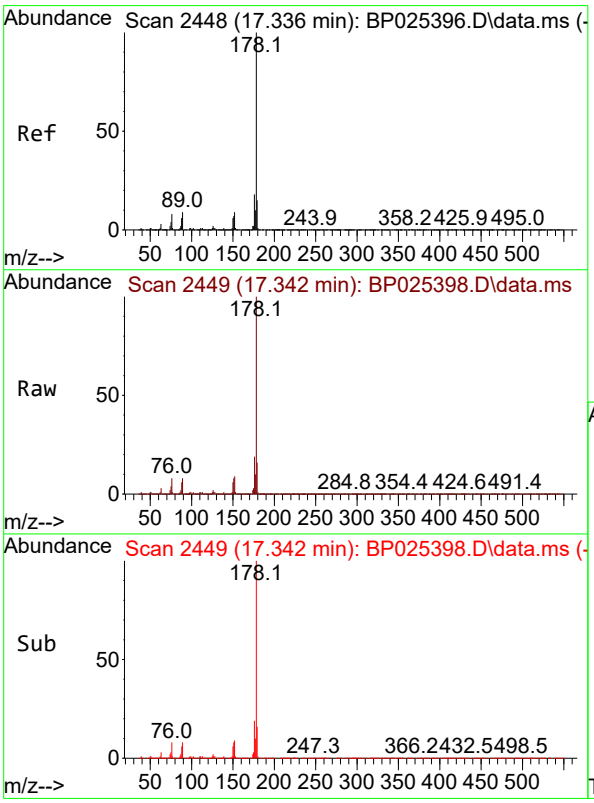
#71
Phenanthrene
Concen: 59.263 ng
RT: 17.260 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

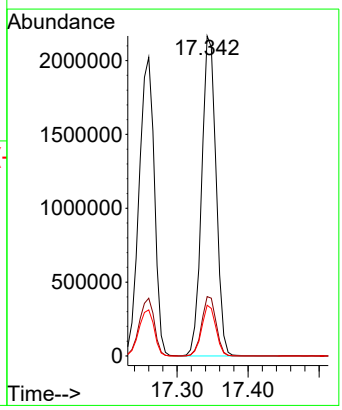


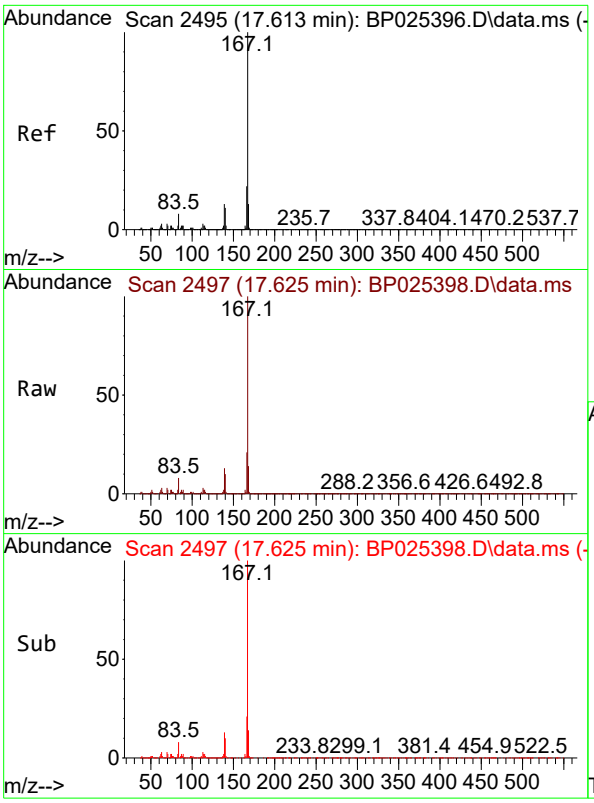


#72
Anthracene
Concen: 58.895 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



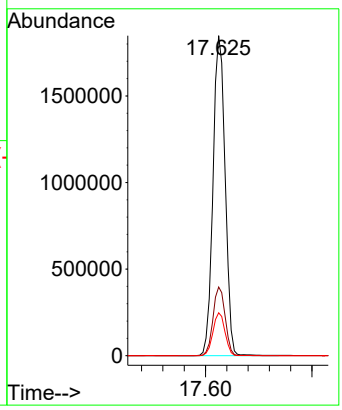


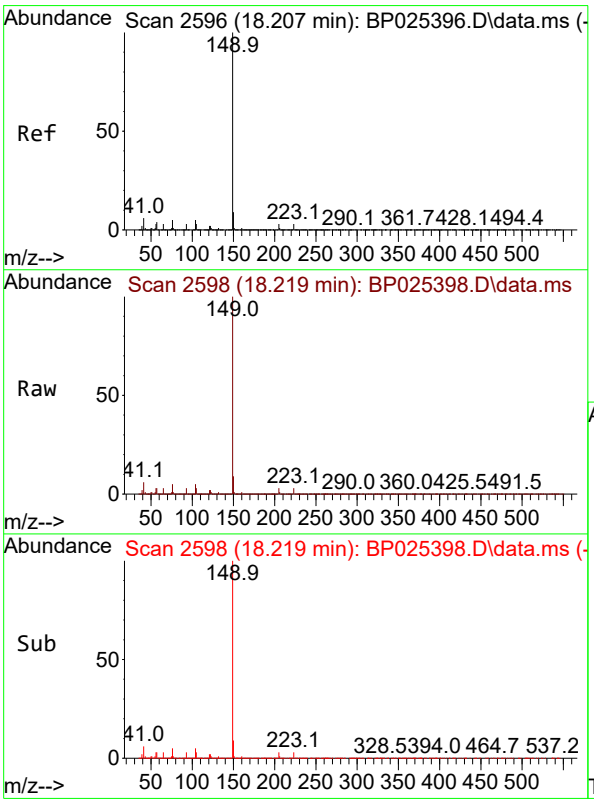
#73
Carbazole
Concen: 59.776 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

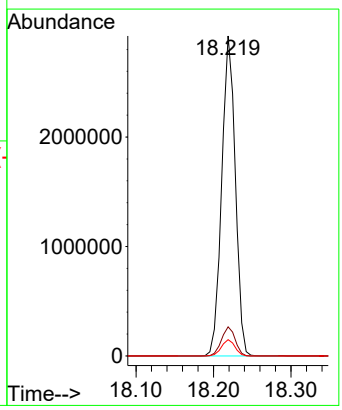


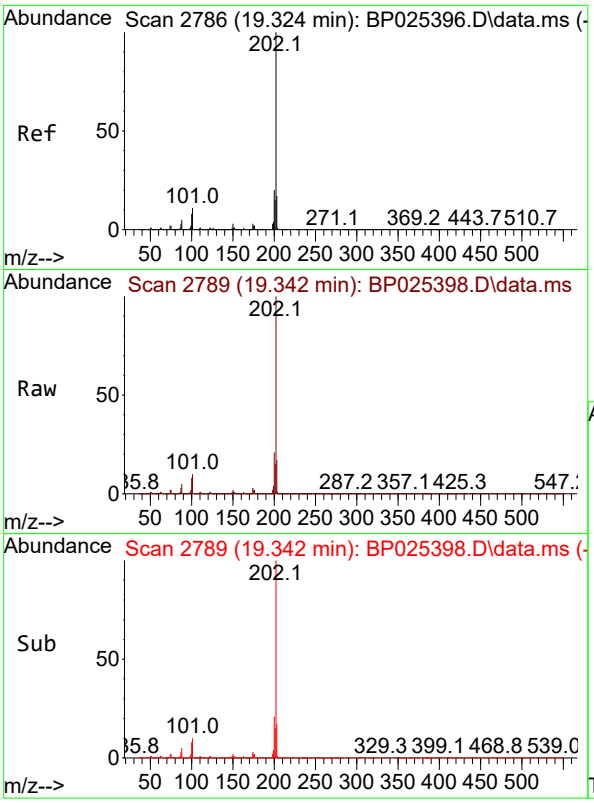


#74
Di-n-butylphthalate
Concen: 59.310 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



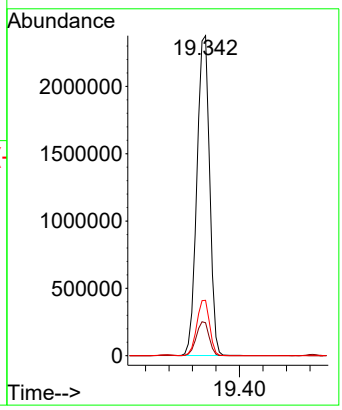


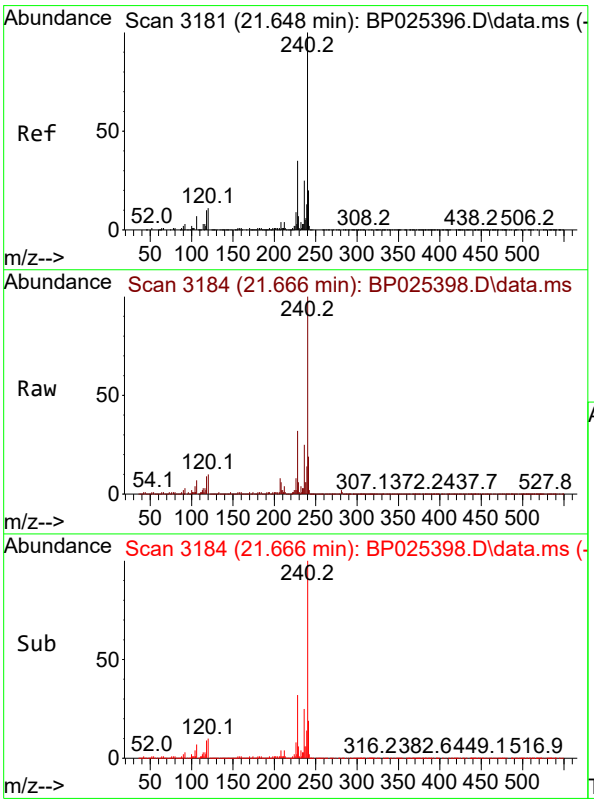
#75
Fluoranthene
Concen: 58.899 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

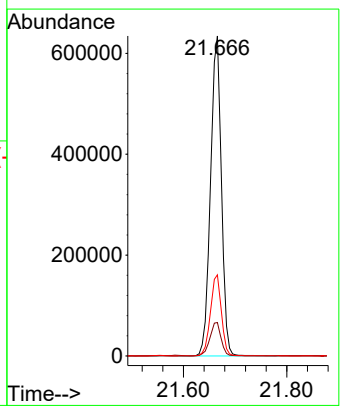


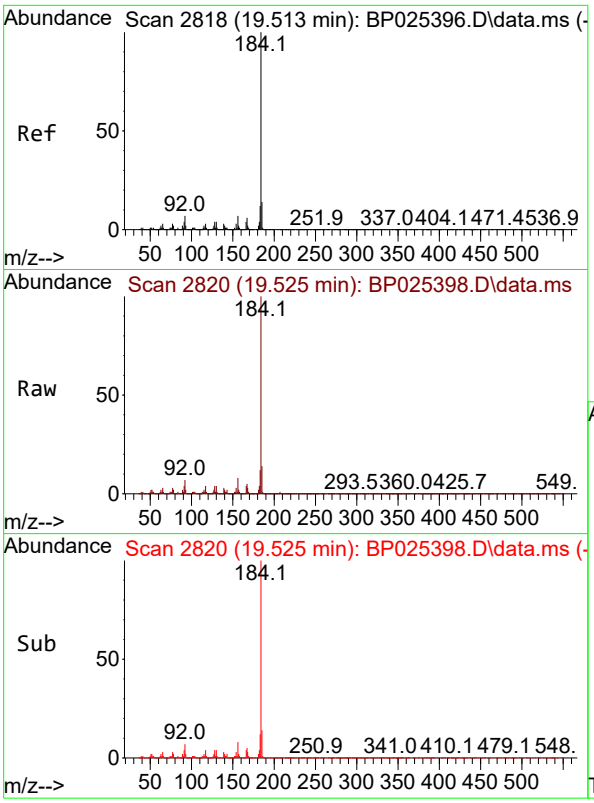


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



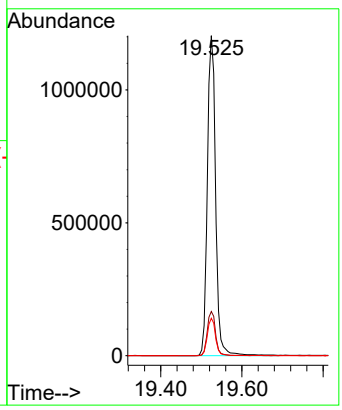


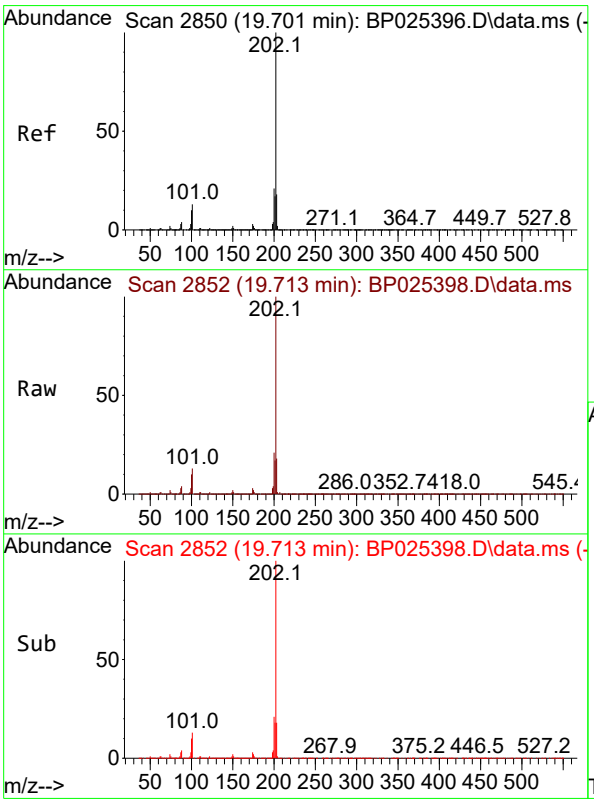
#77
Benzidine
Concen: 53.489 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

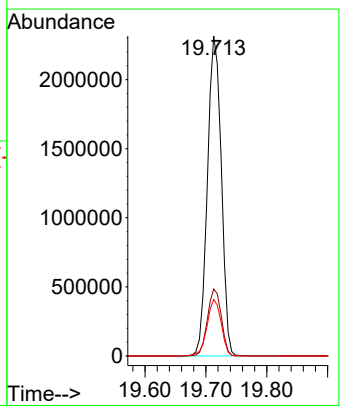


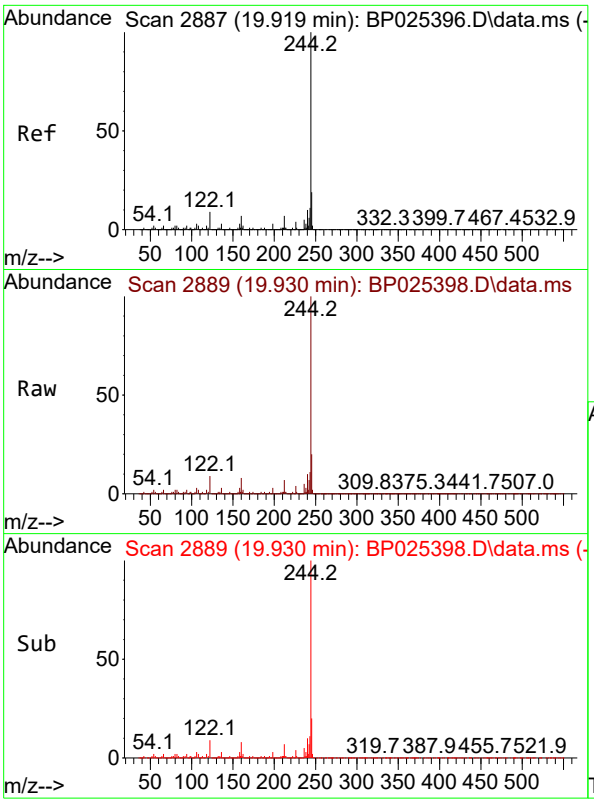


#78
Pyrene
Concen: 60.883 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



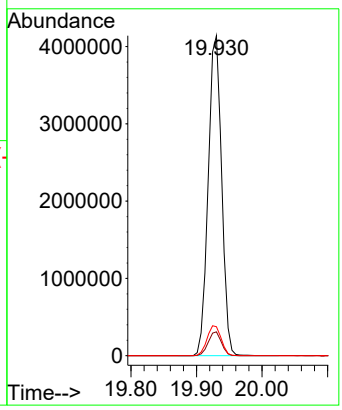


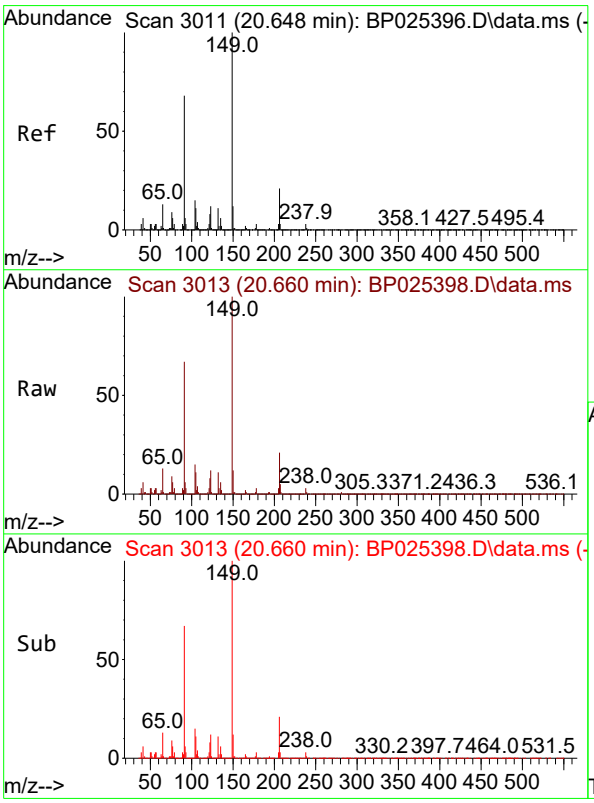
#79
Terphenyl-d14
Concen: 116.490 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

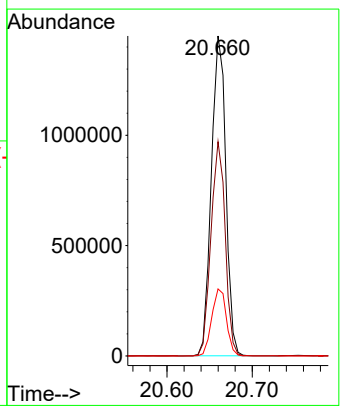


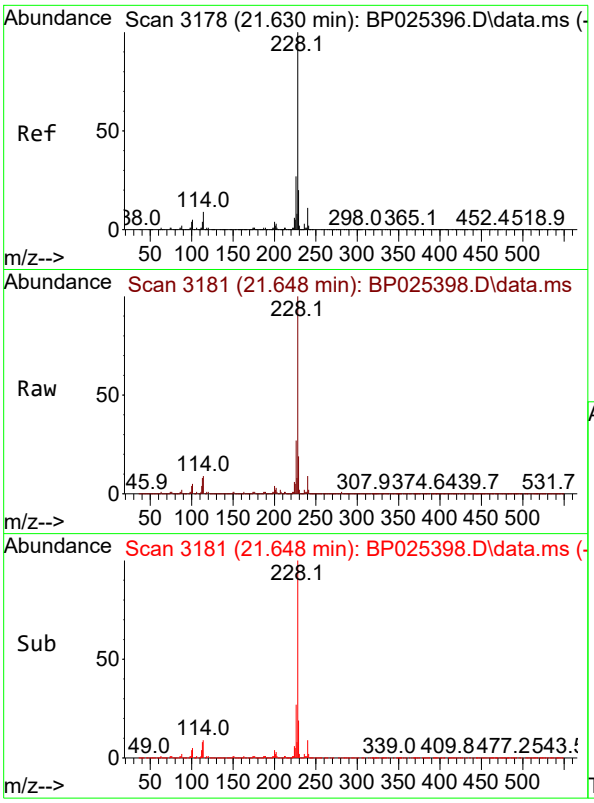


#80
Butylbenzylphthalate
Concen: 62.697 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



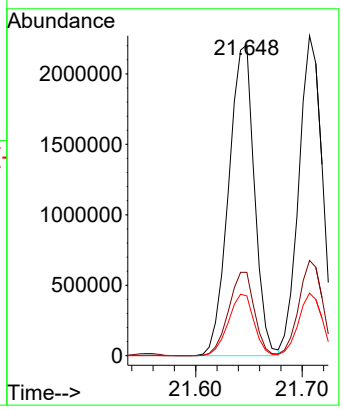


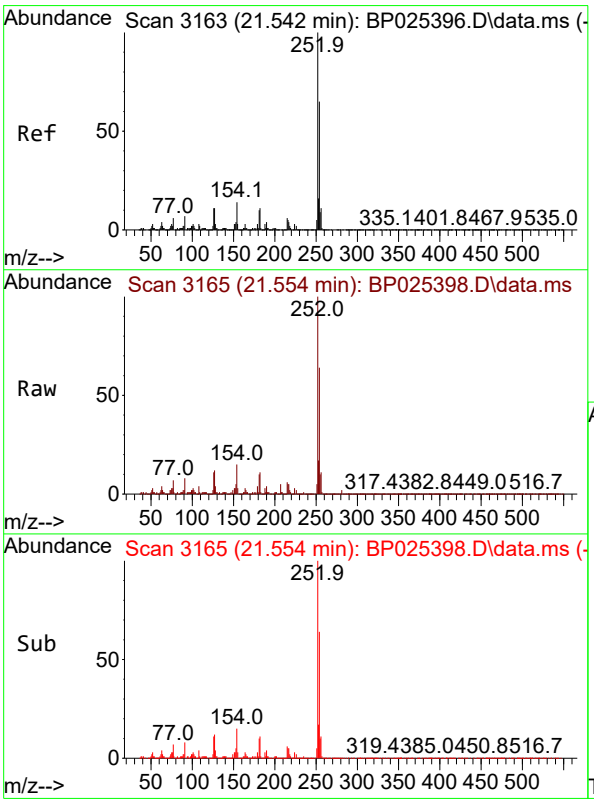
#81
Benzo(a)anthracene
Concen: 60.619 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

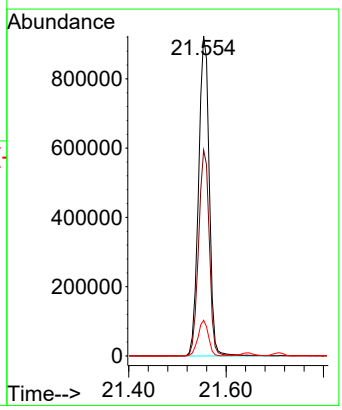


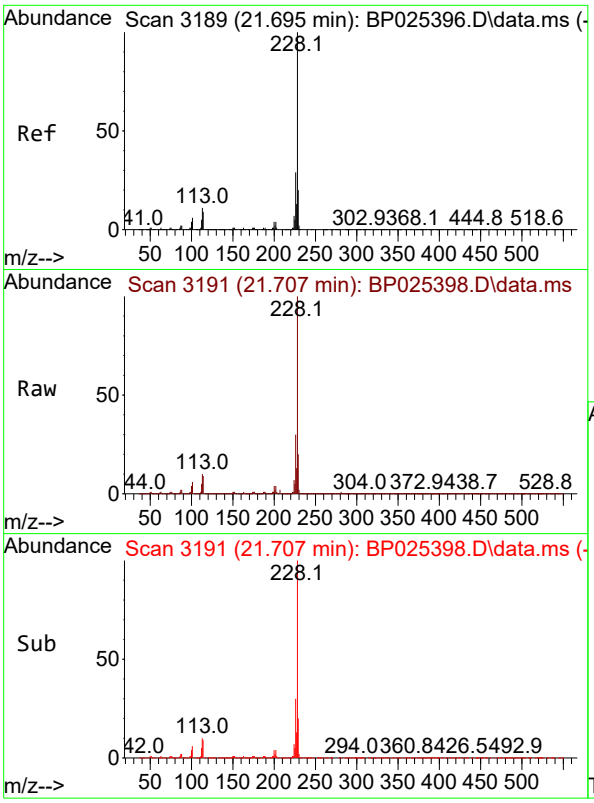


#82
3,3'-Dichlorobenzidine
Concen: 61.062 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



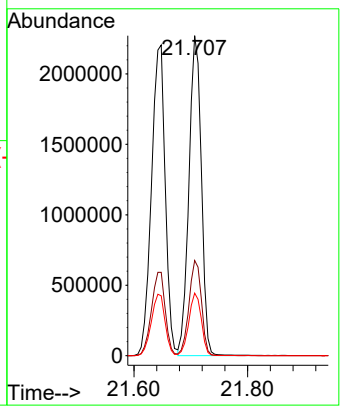


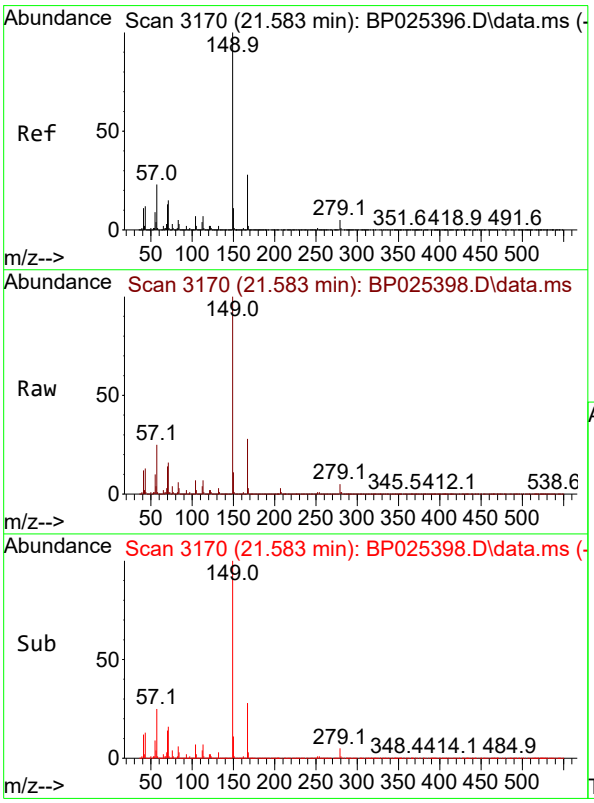
#83
Chrysene
Concen: 60.387 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

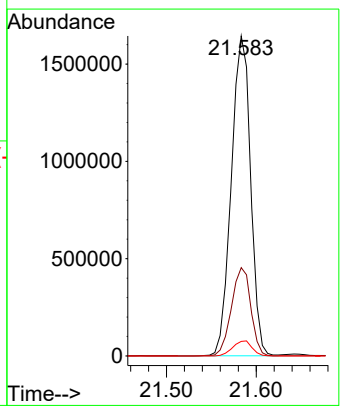


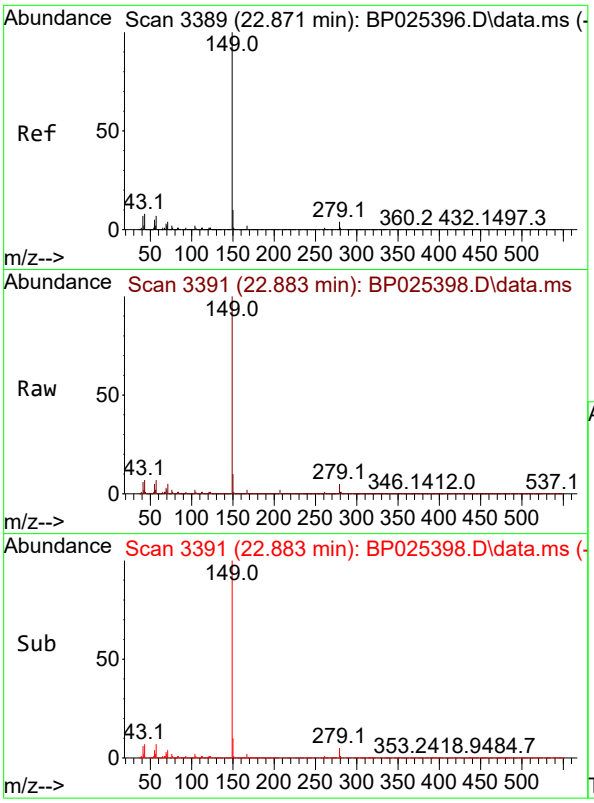


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.038 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



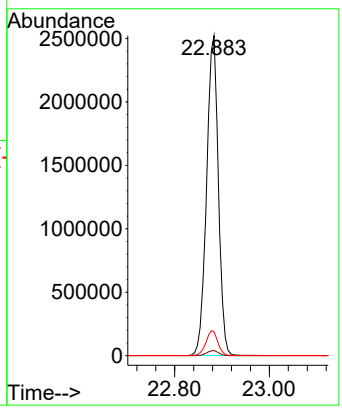


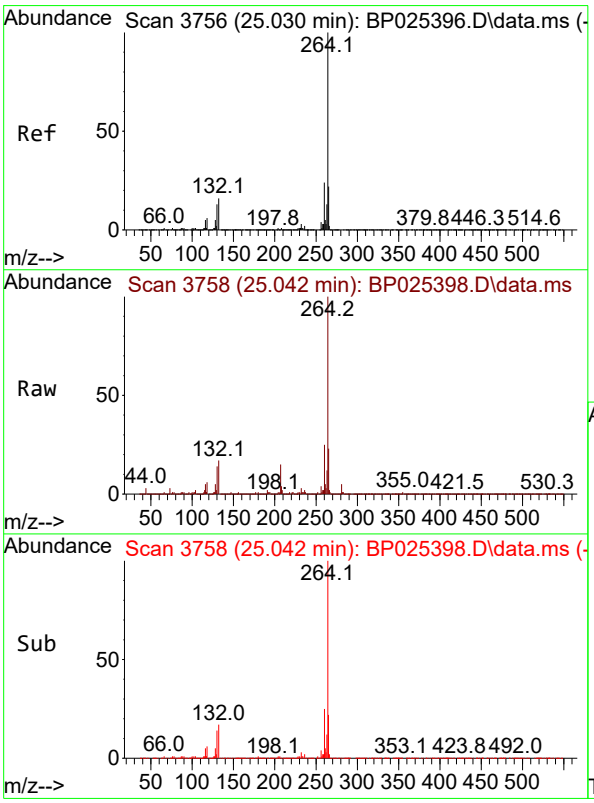
#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.883 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

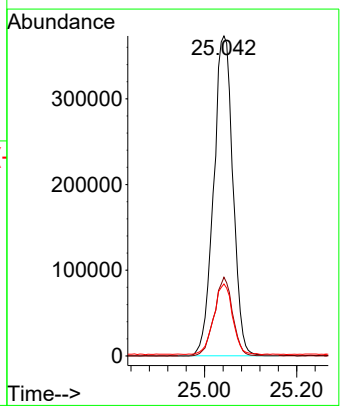


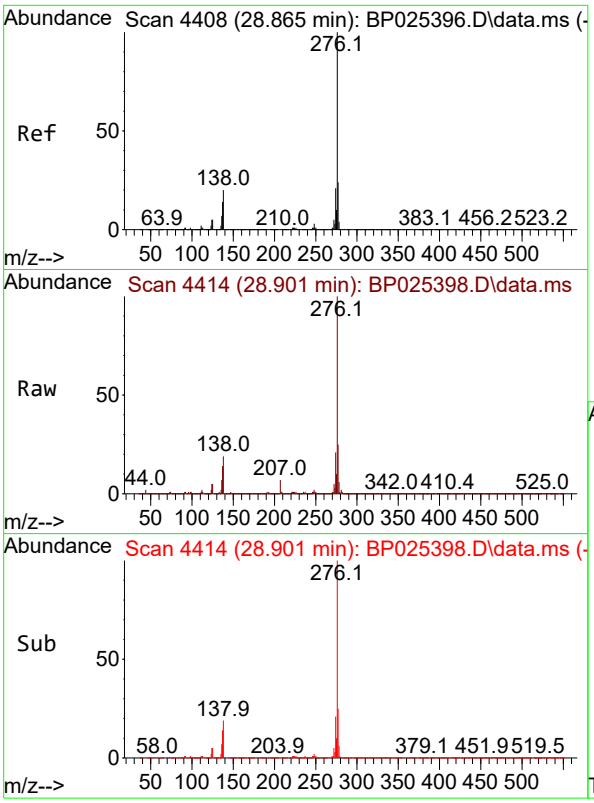


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



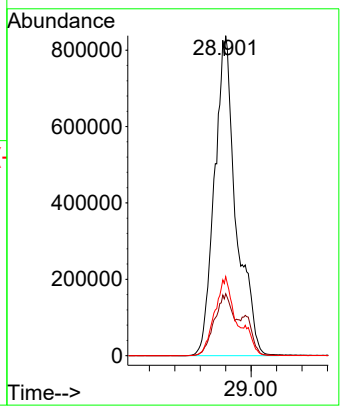


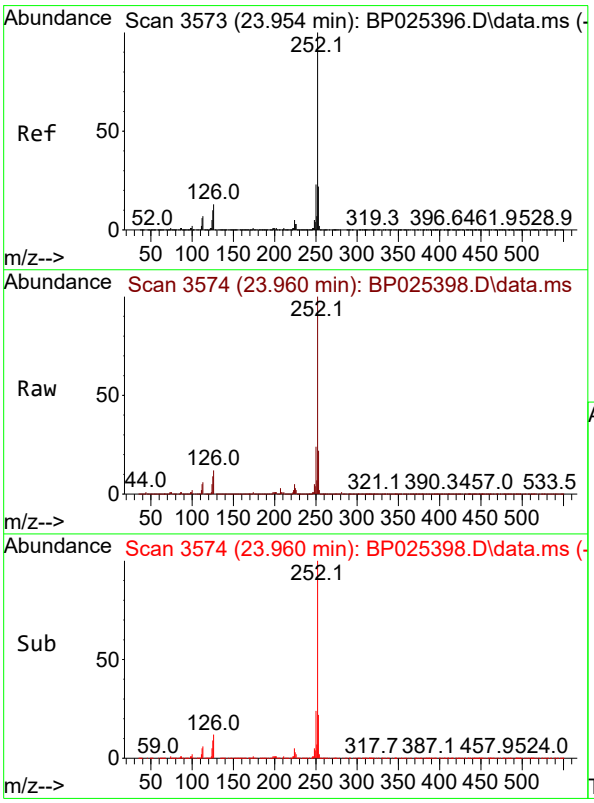
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.248 ng
RT: 28.901 min Scan# 44
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

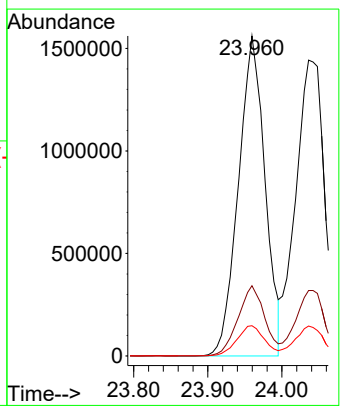


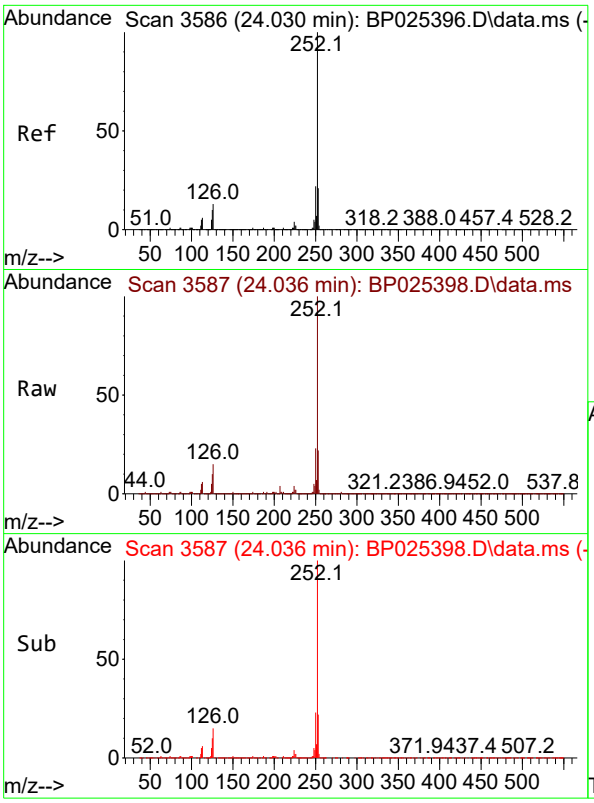


#88
Benzo(b)fluoranthene
Concen: 60.914 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



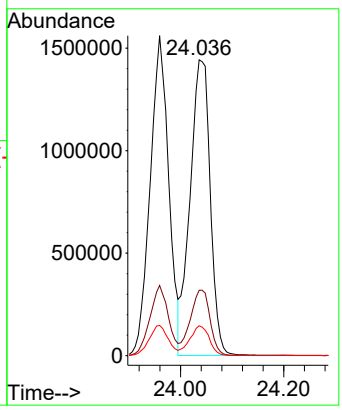


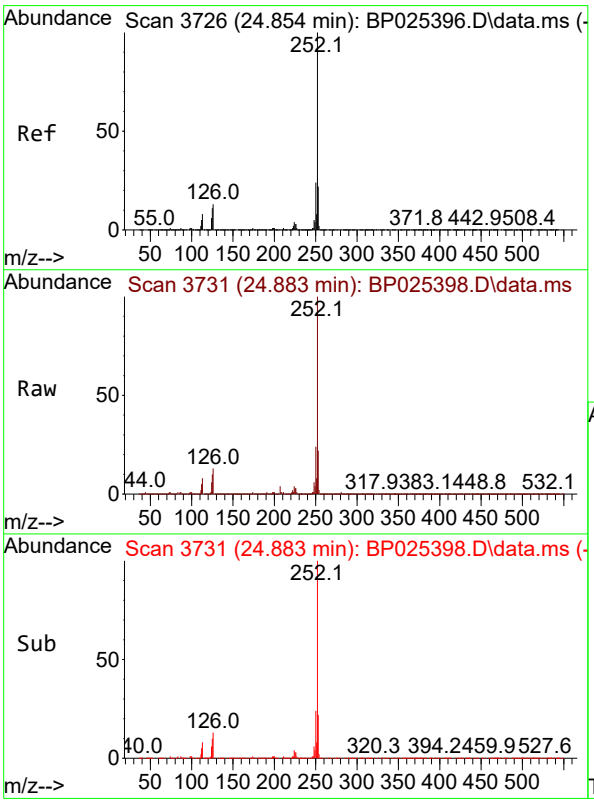
#89
Benzo(k)fluoranthene
Concen: 61.334 ng
RT: 24.036 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

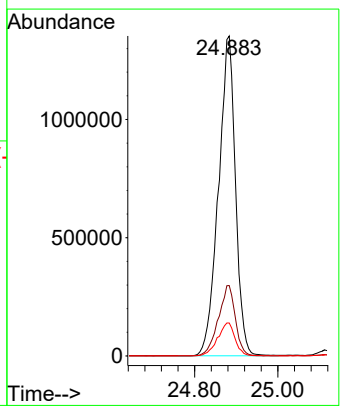


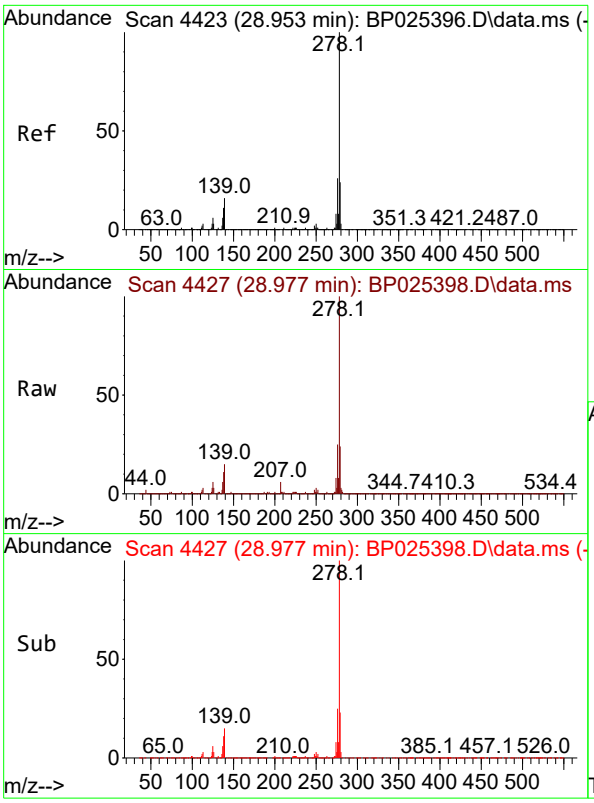


#90
Benzo(a)pyrene
Concen: 61.959 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.030 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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



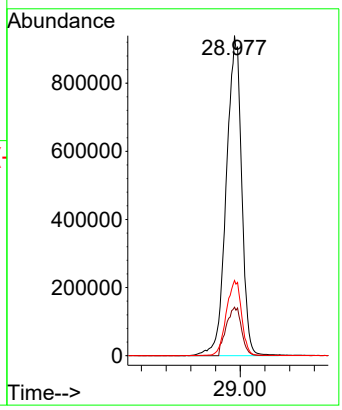


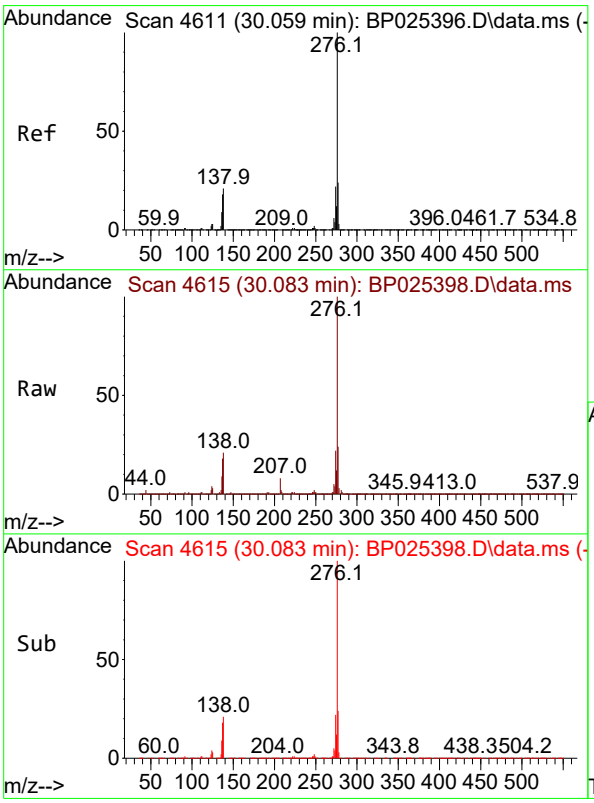
#91
Dibenzo(a,h)anthracene
Concen: 62.280 ng
RT: 28.977 min Scan# 44
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

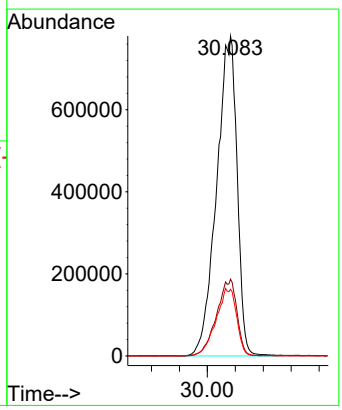




#92
Benzo(g,h,i)perylene
Concen: 62.159 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

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

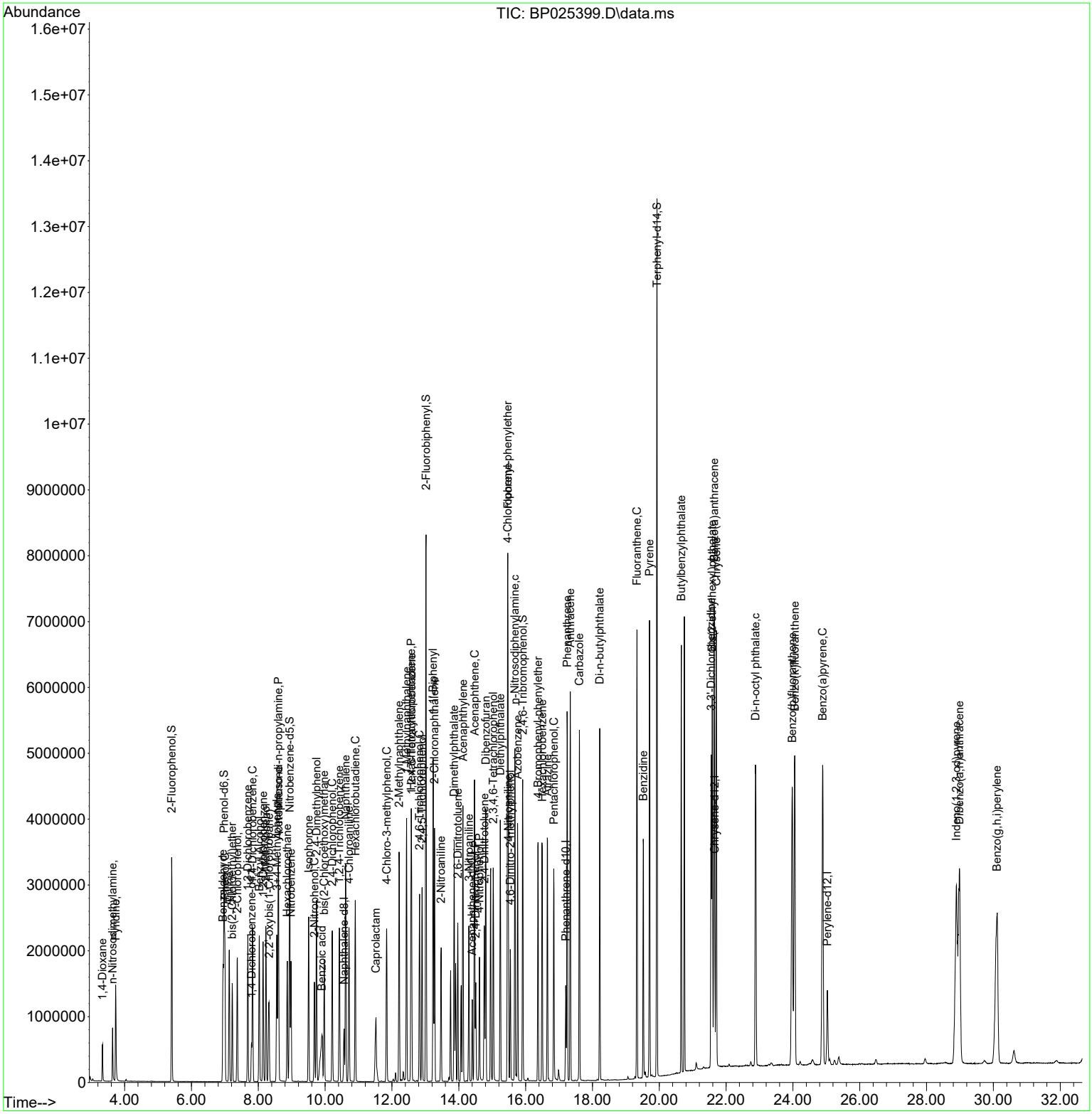
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

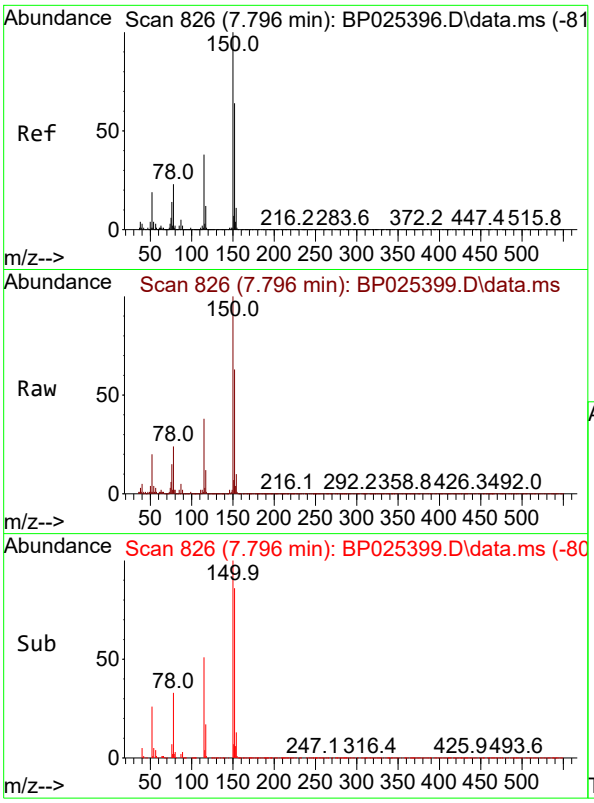
Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

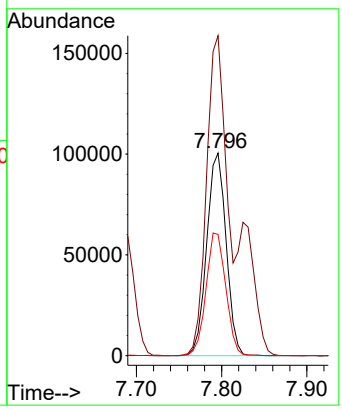




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:152 Resp: 15914

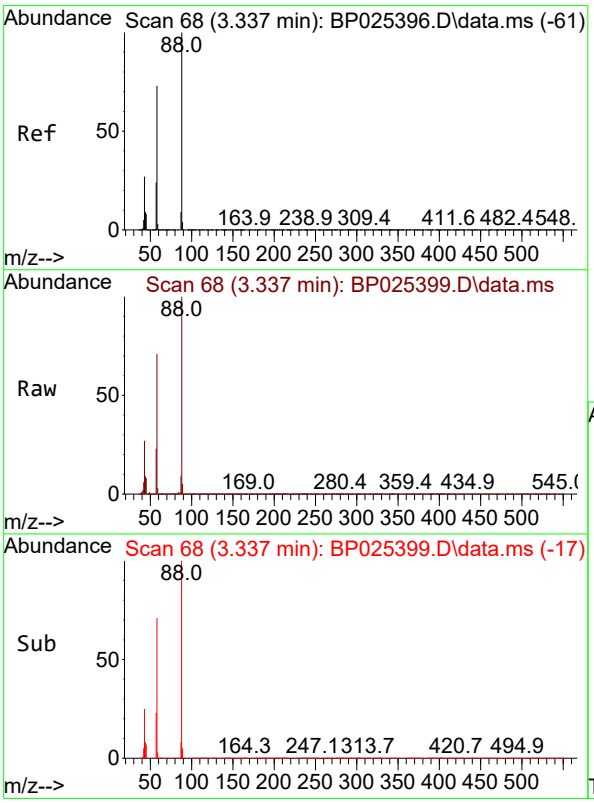
Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.9	188.9
115	59.9	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

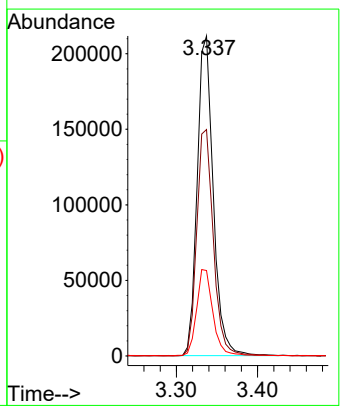
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

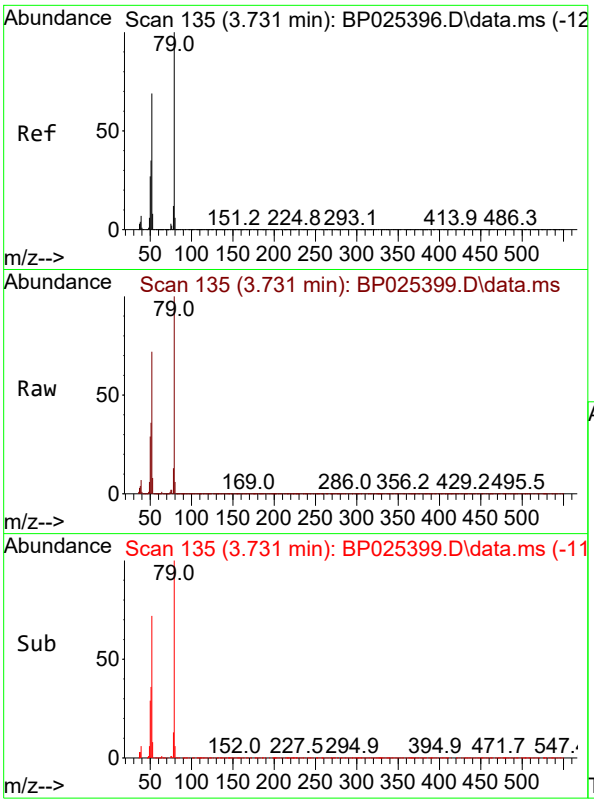


#2
1,4-Dioxane
Concen: 77.664 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

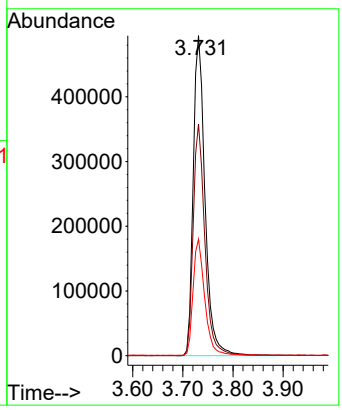




#3
Pyridine
Concen: 78.572 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 79 Resp: 80726

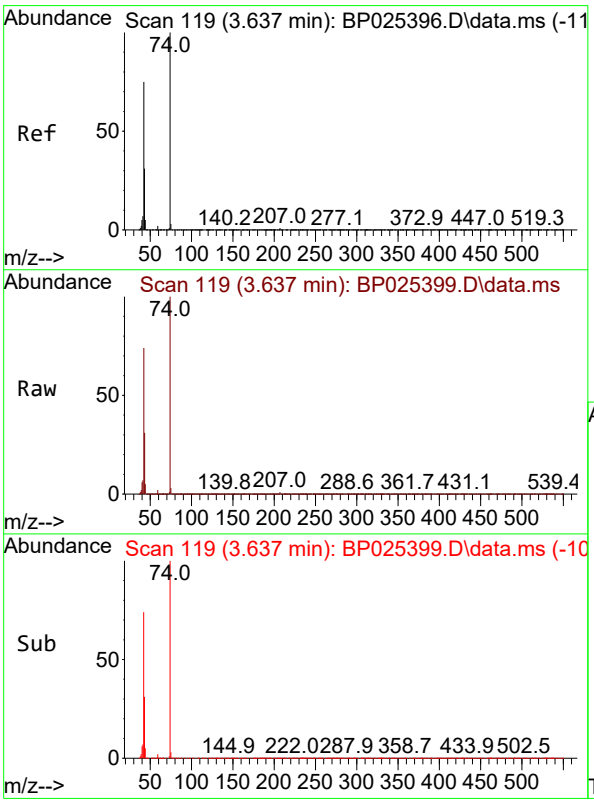
Ion	Ratio	Lower	Upper
79	100		
52	72.4	55.5	83.3
51	36.4	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

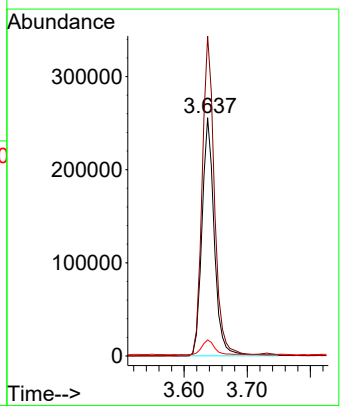
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

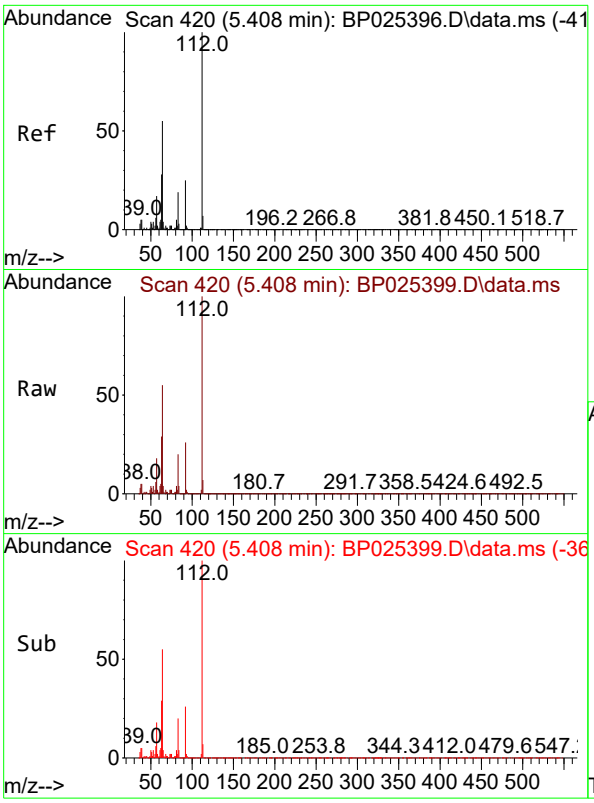


#4
n-Nitrosodimethylamine
Concen: 81.296 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

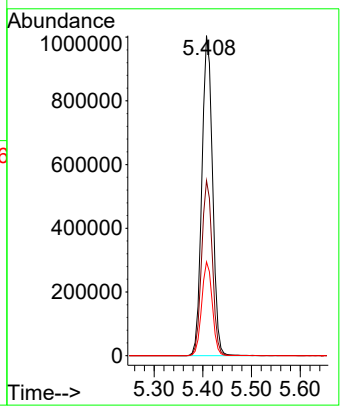




#5
2-Fluorophenol
Concen: 159.254 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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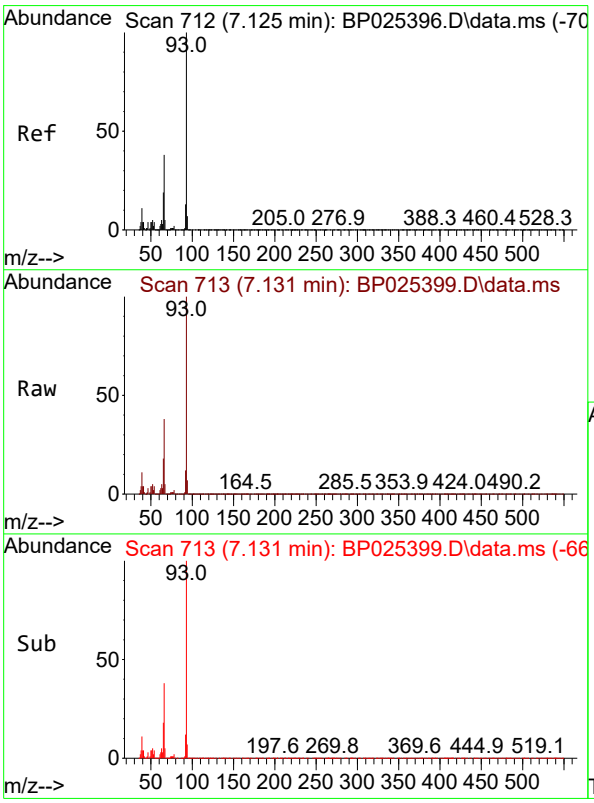
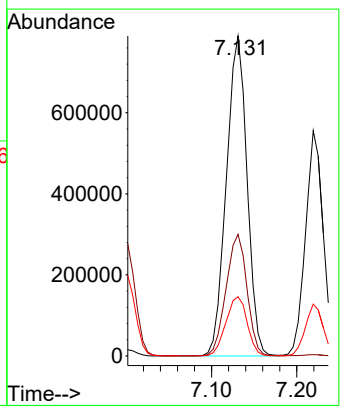
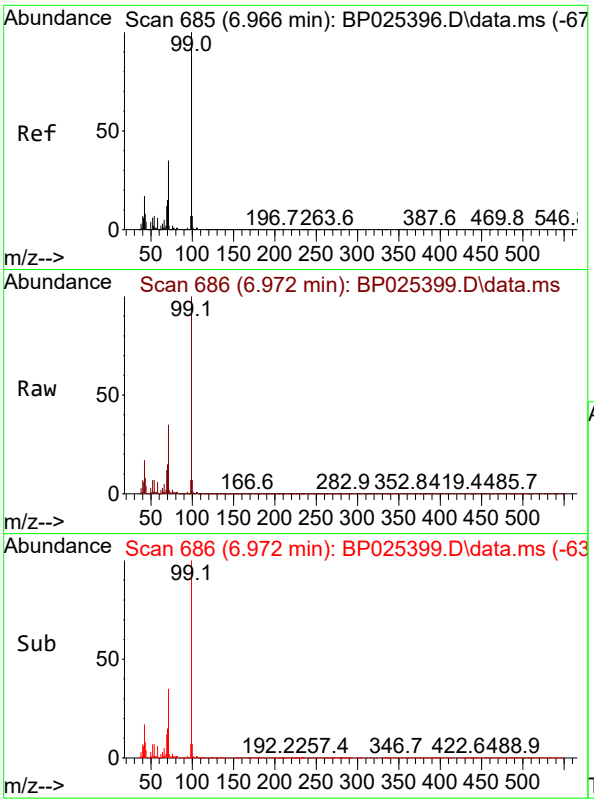


#6
Aniline
Concen: 80.538 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

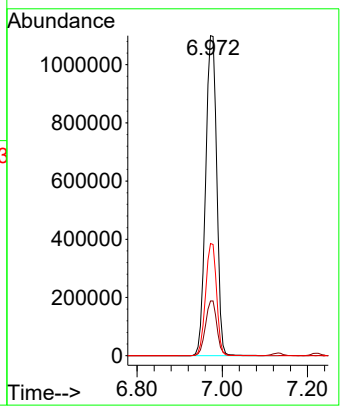




#7
Phenol-d6
Concen: 161.937 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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ClientSampleId :
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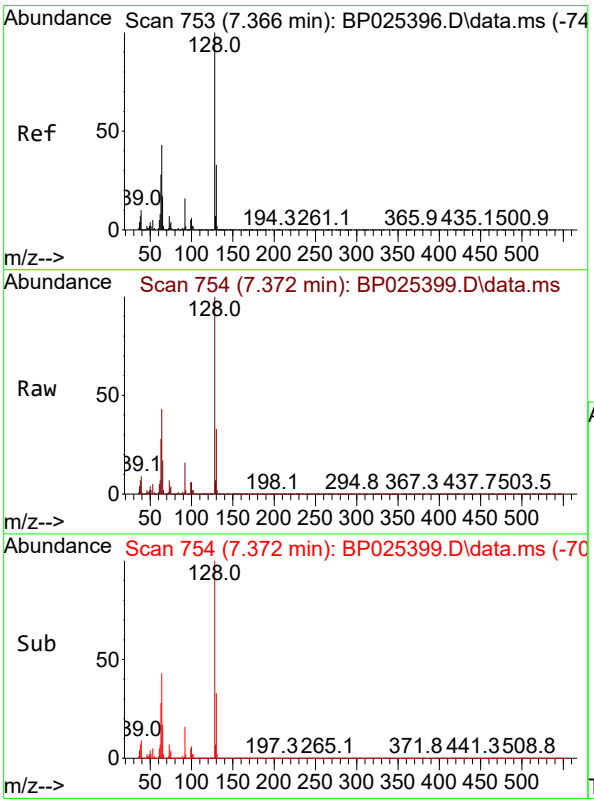
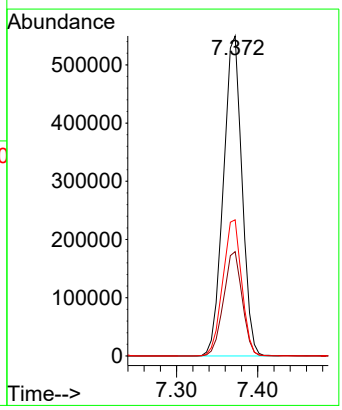
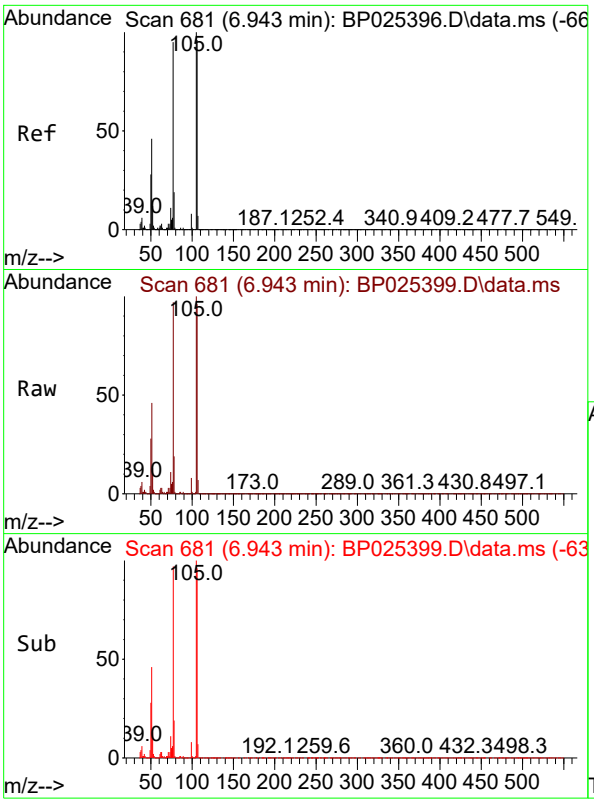


#8
2-Chlorophenol
Concen: 81.104 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

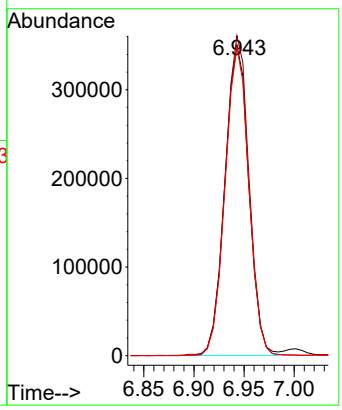




#9
Benzaldehyde
Concen: 67.651 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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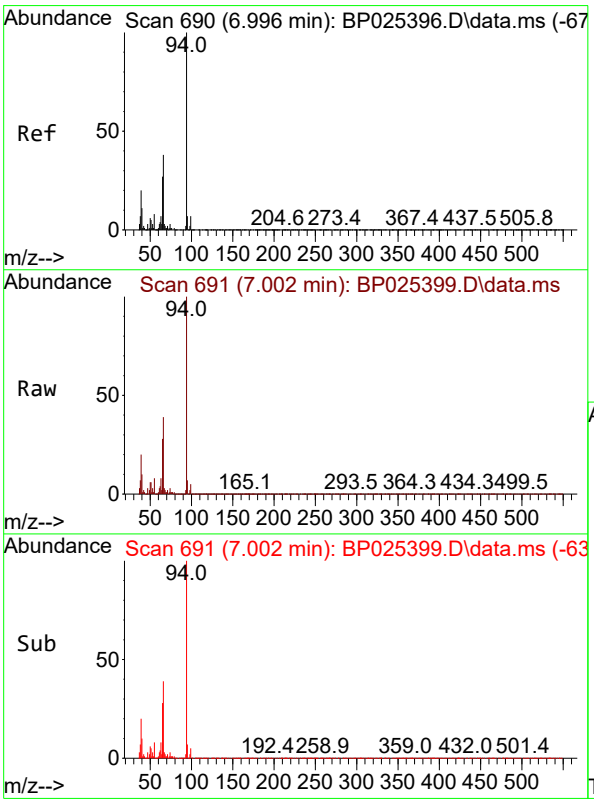
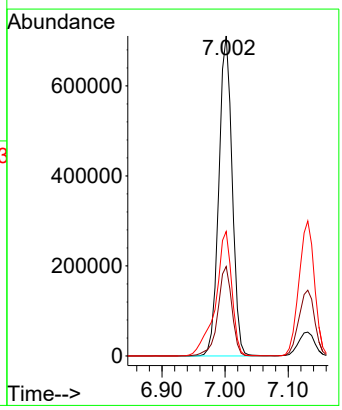
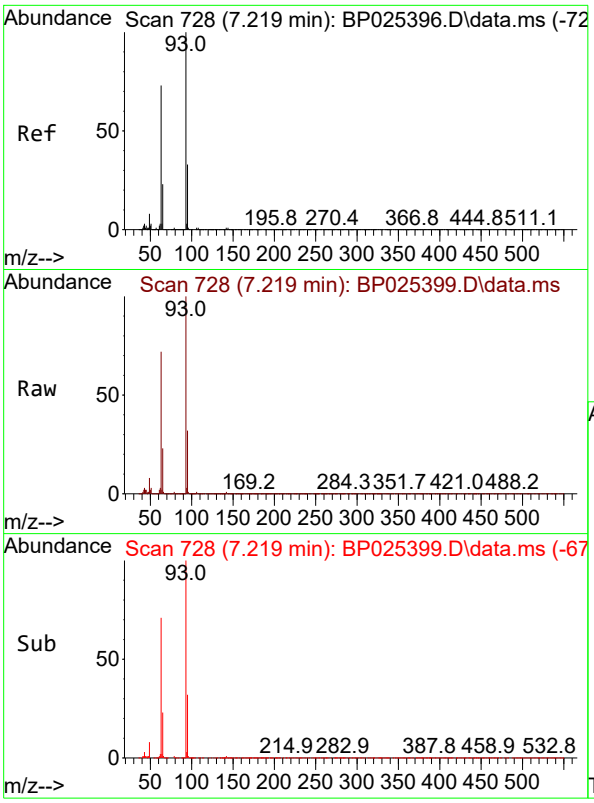


#10
Phenol
Concen: 80.710 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

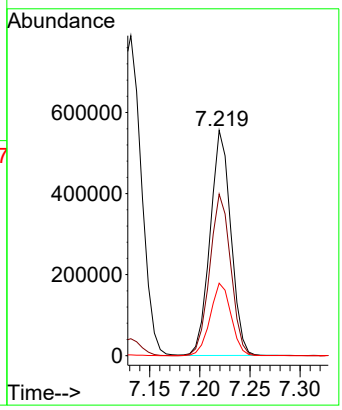




#11
bis(2-Chloroethyl)ether
Concen: 79.481 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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ClientSampleId :
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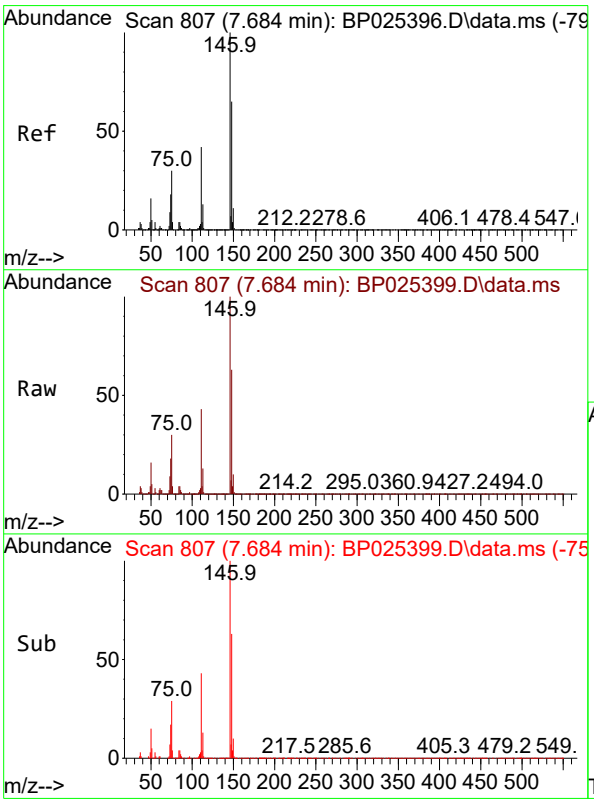
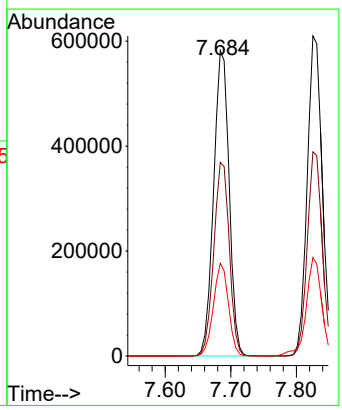
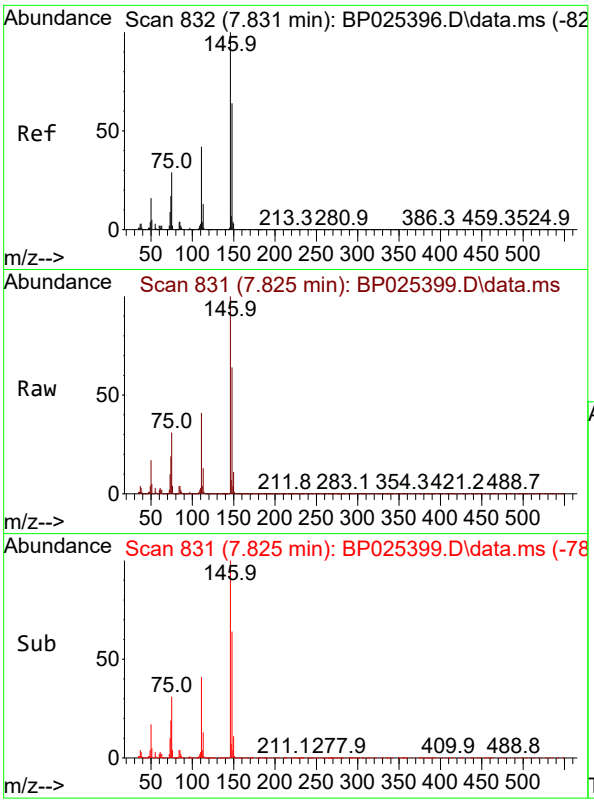


#12
1,3-Dichlorobenzene
Concen: 79.718 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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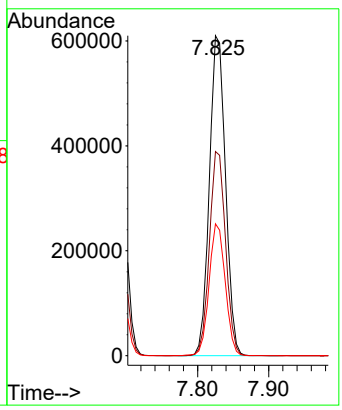
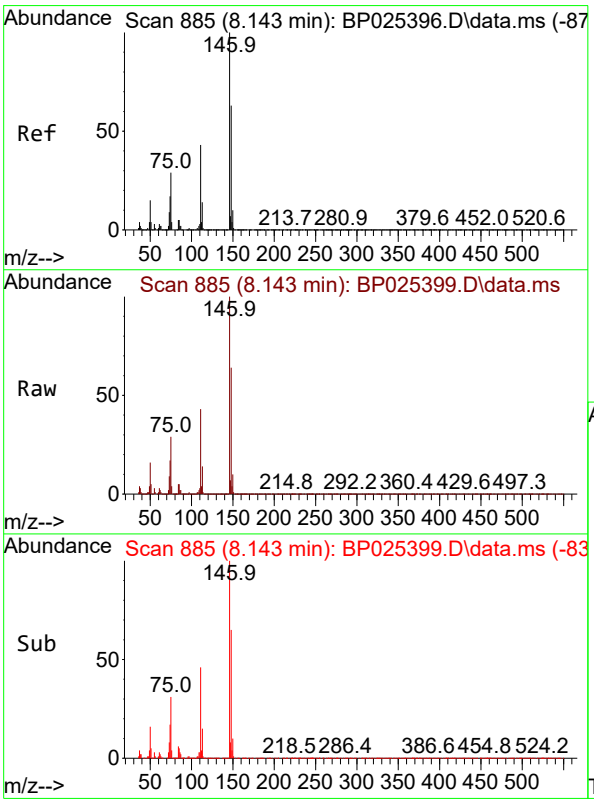
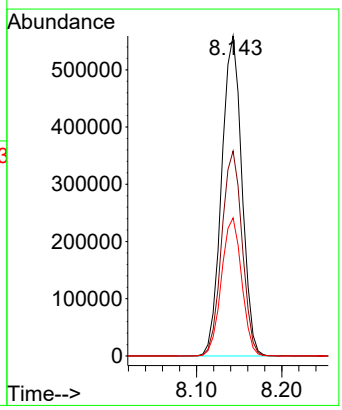


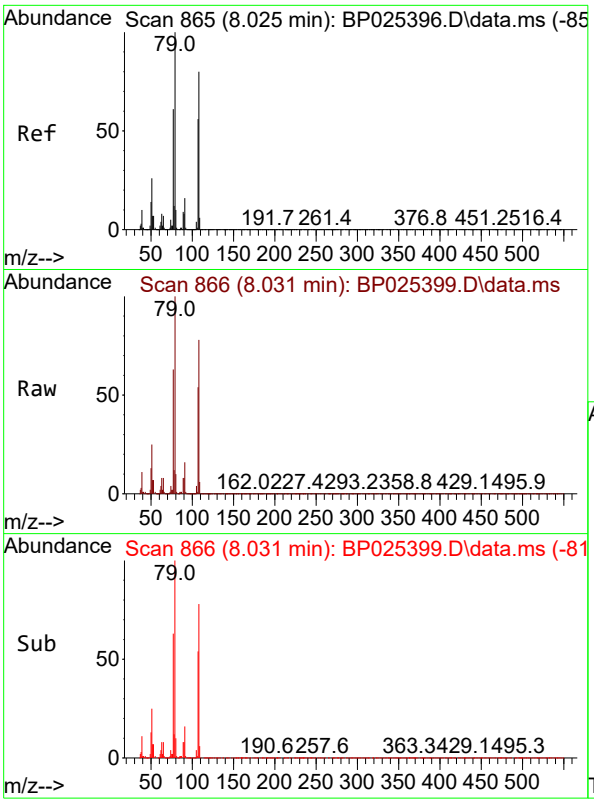


#14
1,2-Dichlorobenzene
Concen: 78.203 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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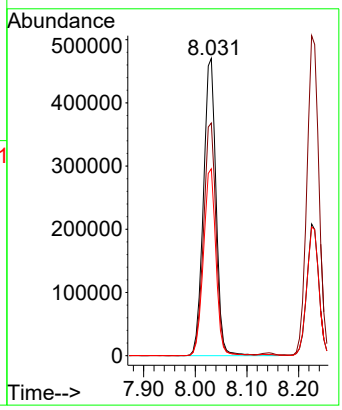
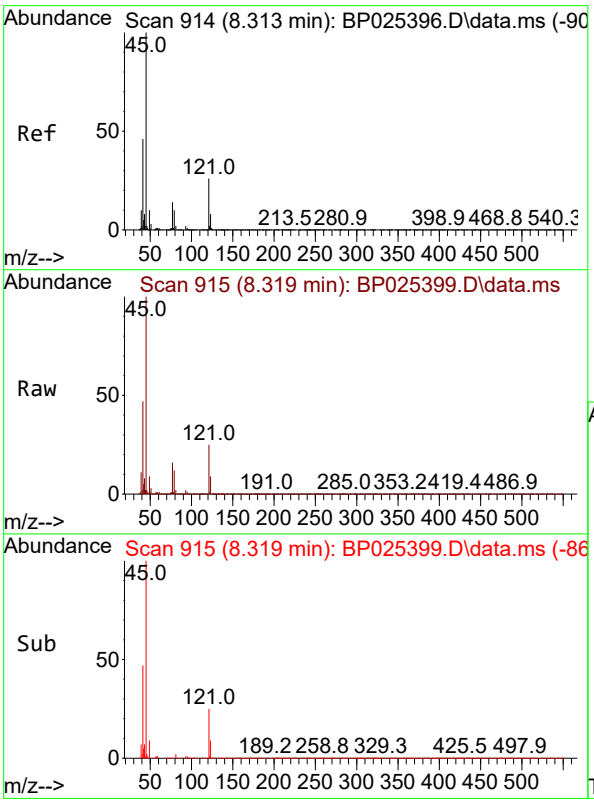
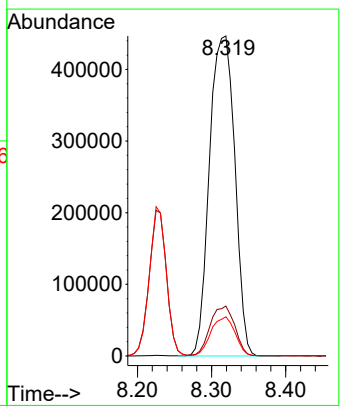


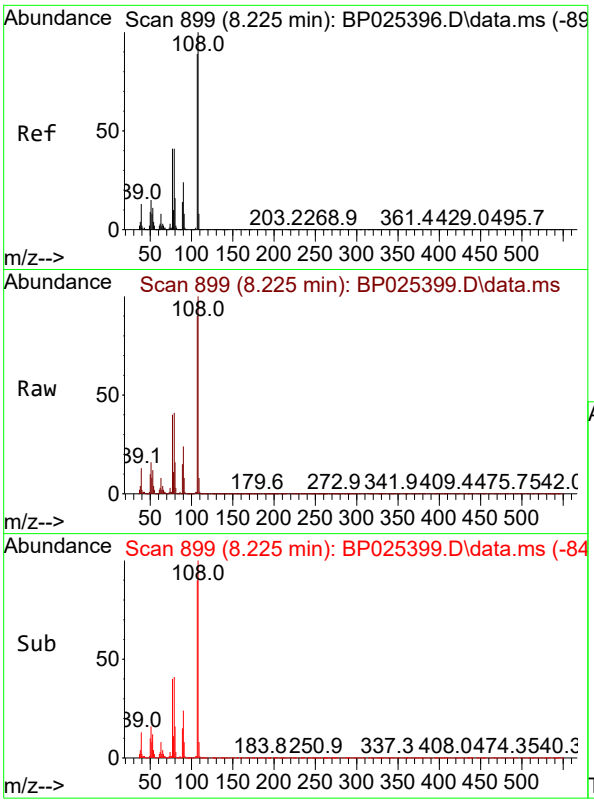


#16
2,2'-oxybis(1-Chloropropane)
Concen: 78.732 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

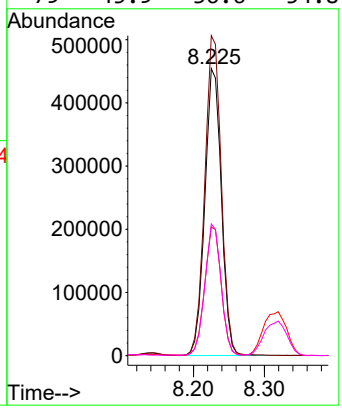




#17
2-Methylphenol
Concen: 82.028 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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ClientSampleId :
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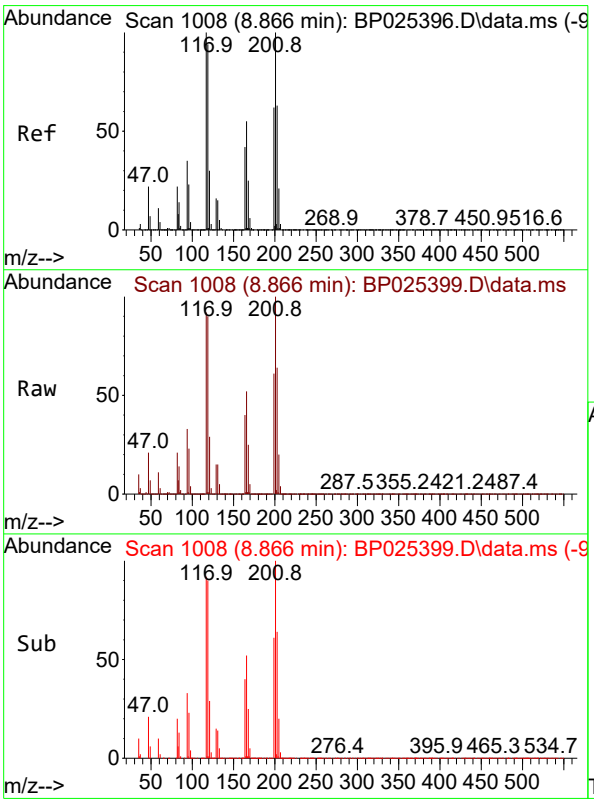
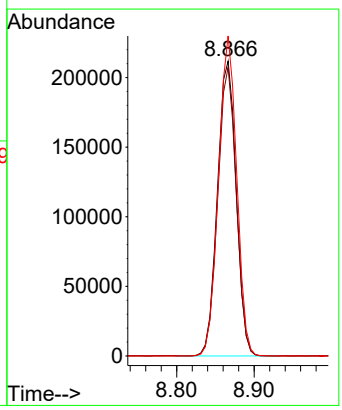
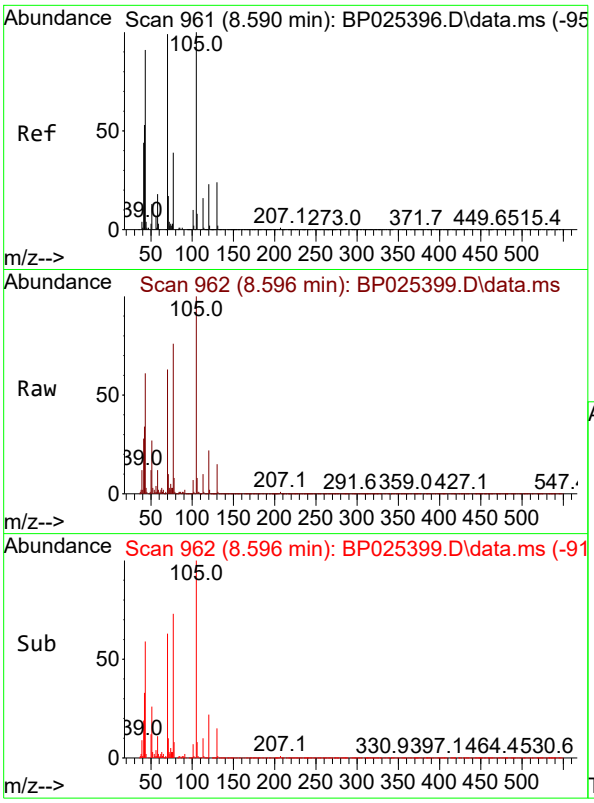


#18
Hexachloroethane
Concen: 79.395 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

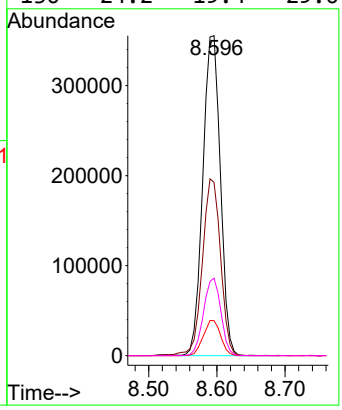




#19
n-Nitroso-di-n-propylamine
Concen: 78.102 ng
RT: 8.596 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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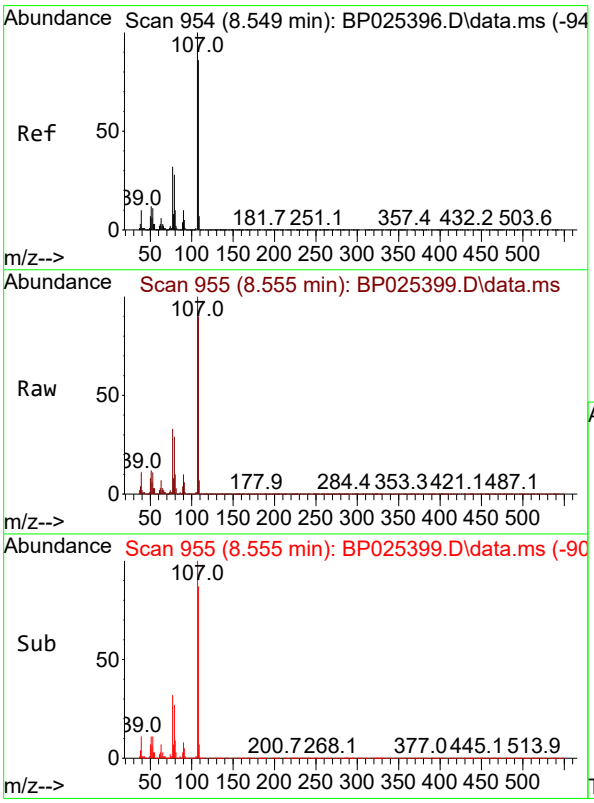
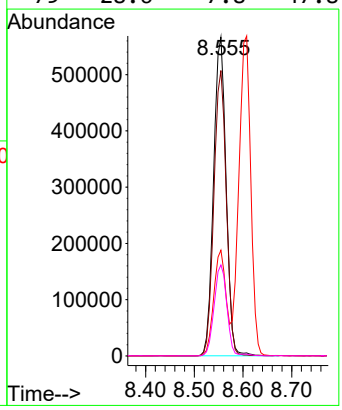
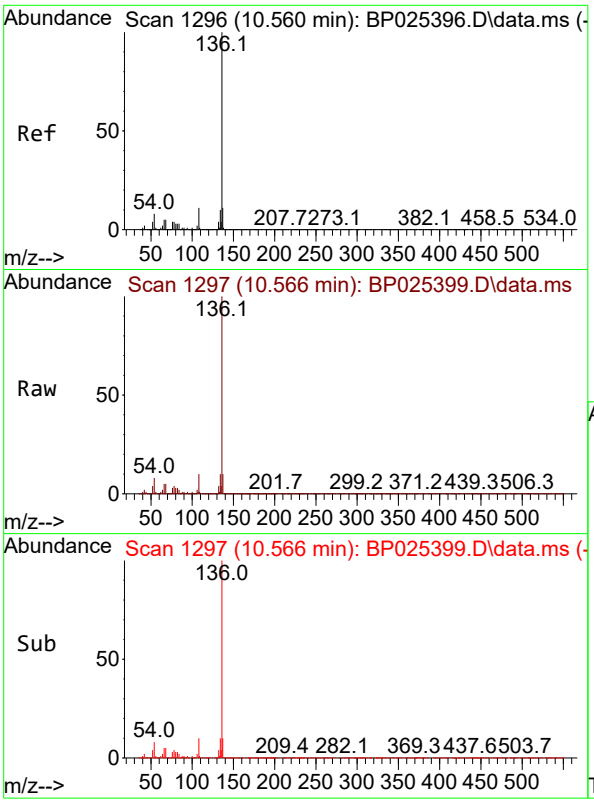


#20
3+4-Methylphenols
Concen: 81.023 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

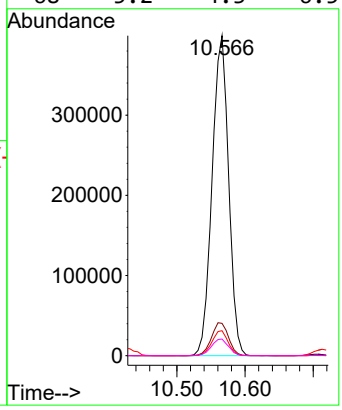




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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ClientSampleId :
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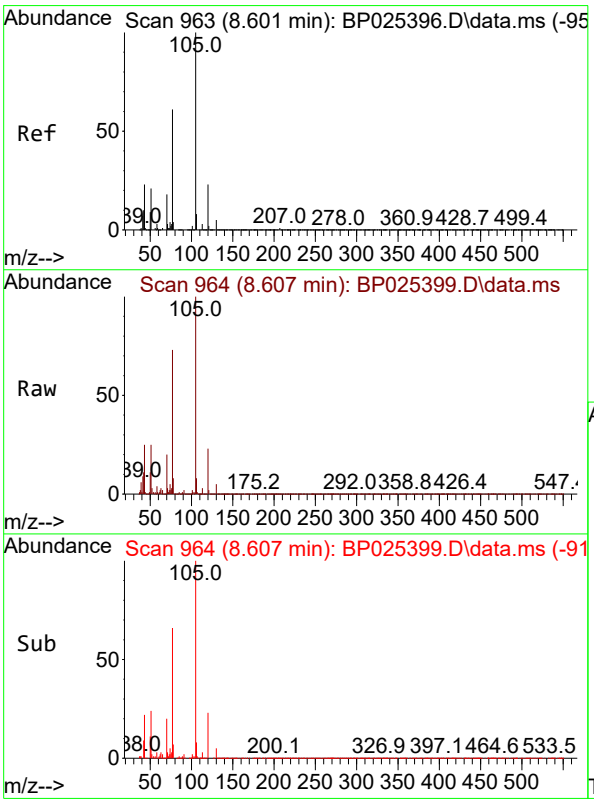
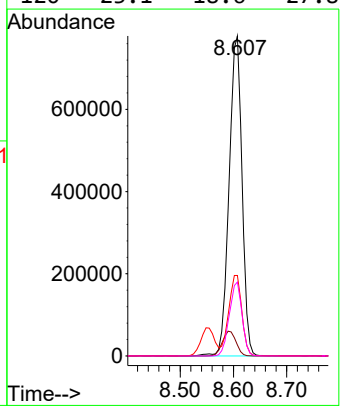
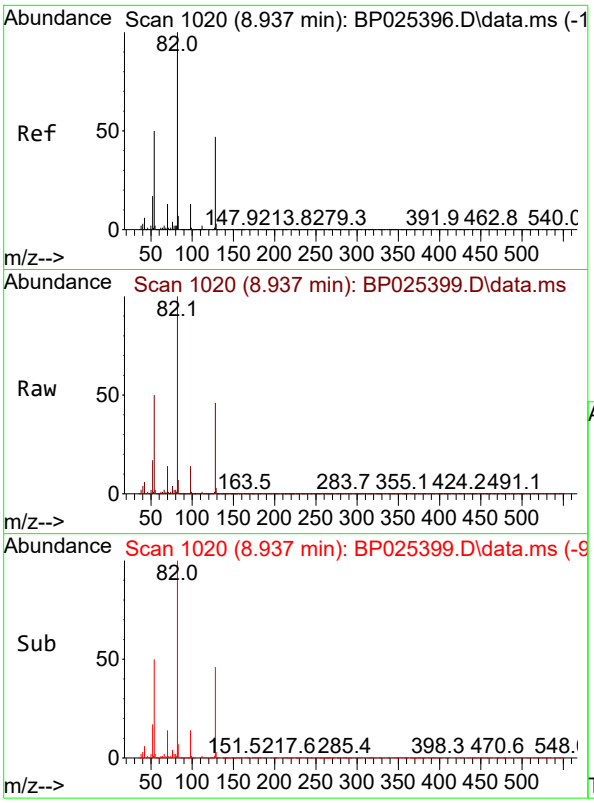


#22
Acetophenone
Concen: 77.886 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

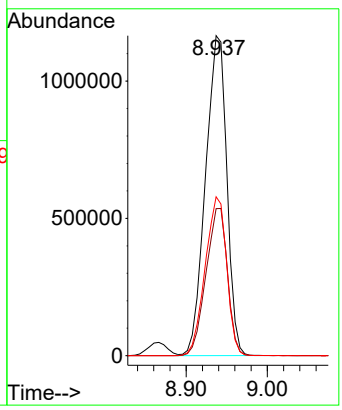




#23
Nitrobenzene-d5
Concen: 159.609 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
BNA_P
ClientSampleId :
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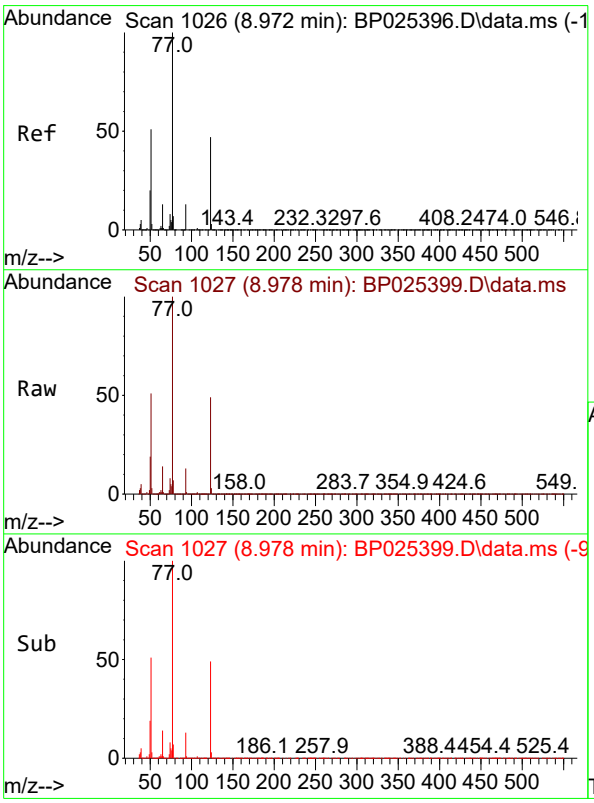
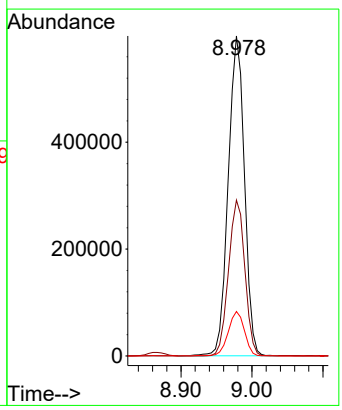
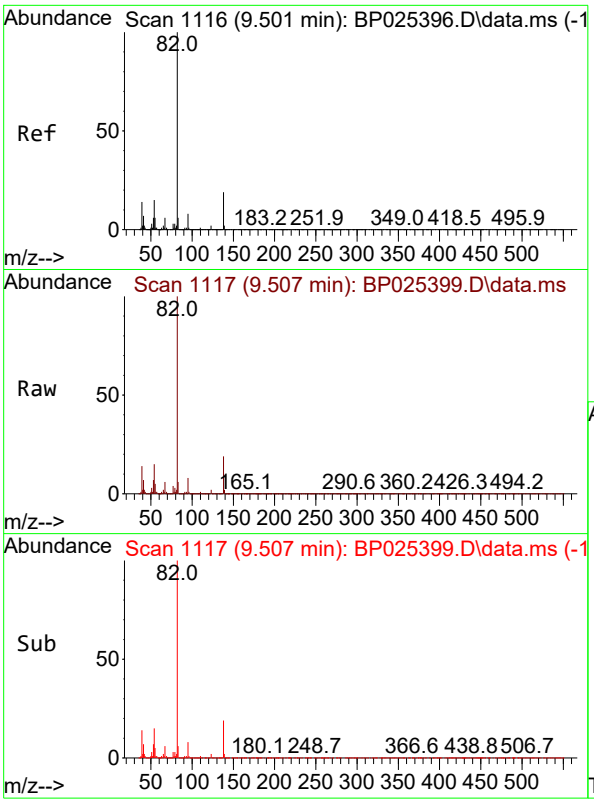


#24
Nitrobenzene
Concen: 79.686 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

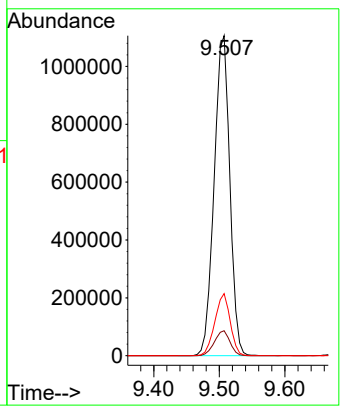




#25
Isophorone
Concen: 77.708 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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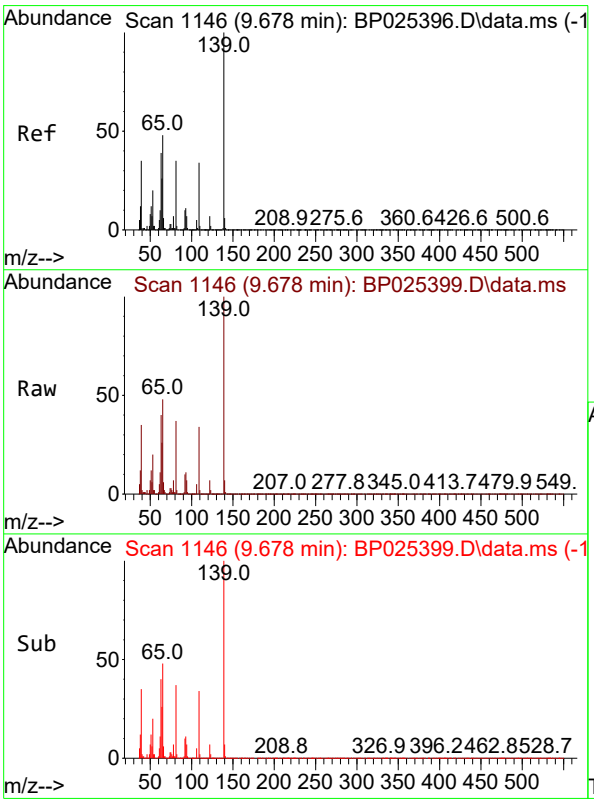
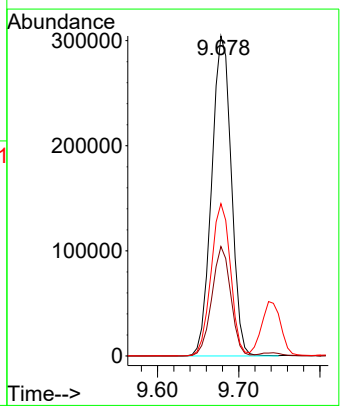
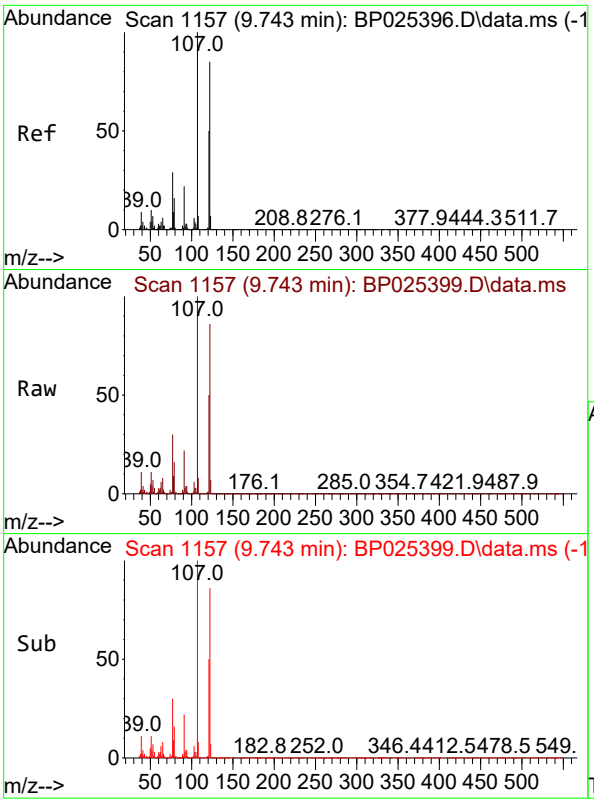


#26
2-Nitrophenol
Concen: 83.872 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

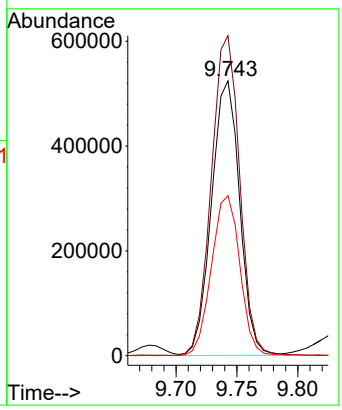




#27
2,4-Dimethylphenol
Concen: 80.280 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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



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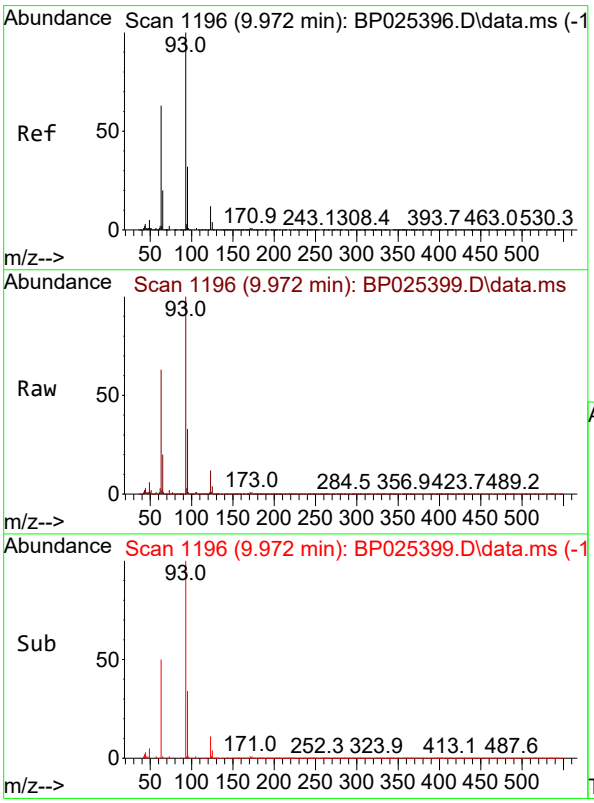
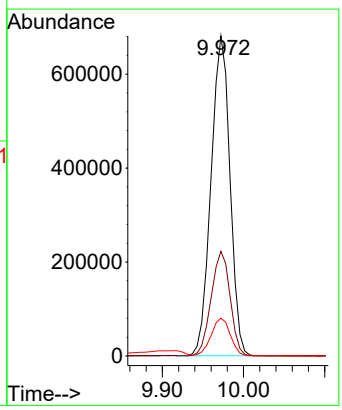
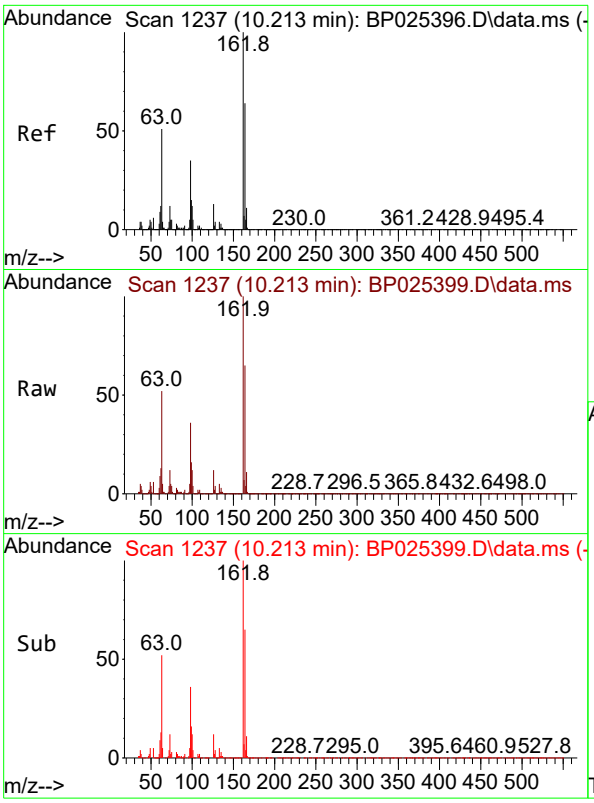


#28
bis(2-Chloroethoxy)methane
Concen: 77.542 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

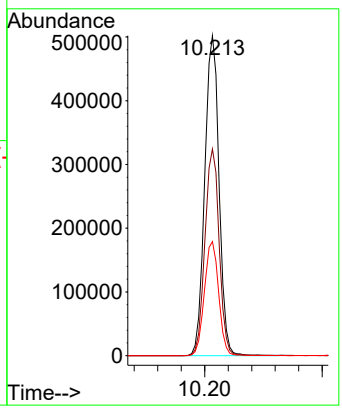




#29
2,4-Dichlorophenol
Concen: 81.037 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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ClientSampleId :
SSTDICC080

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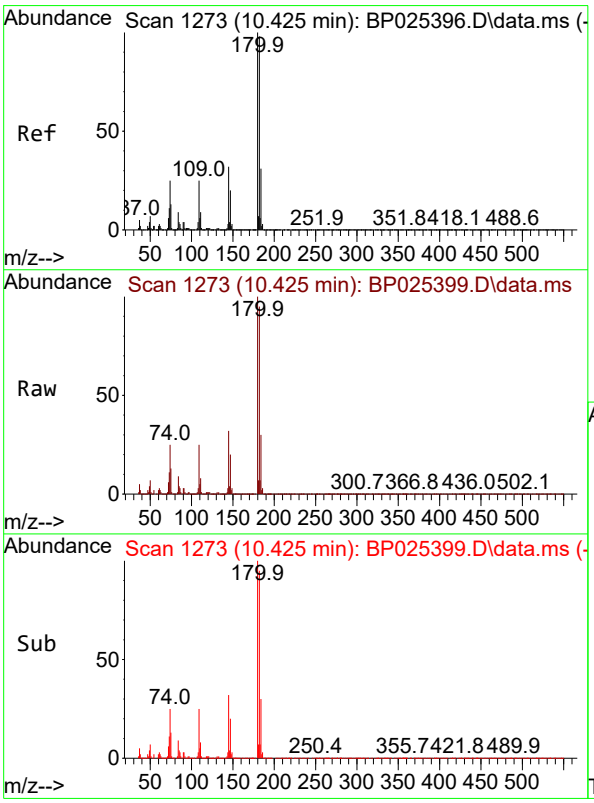
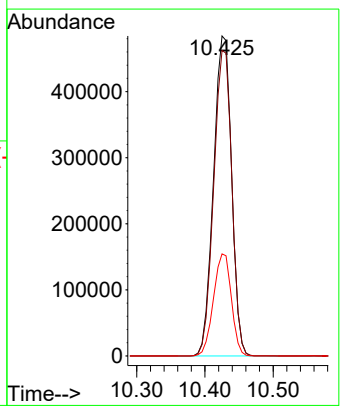
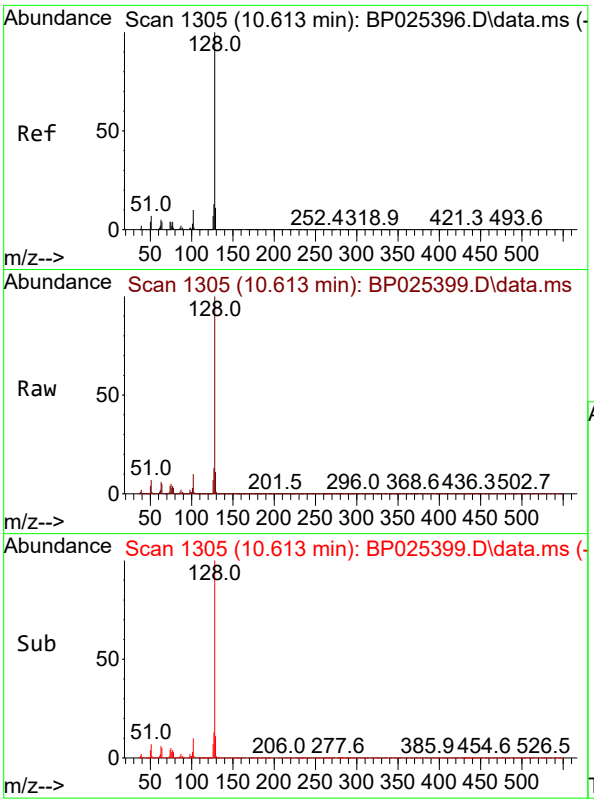


#30
1,2,4-Trichlorobenzene
Concen: 78.123 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

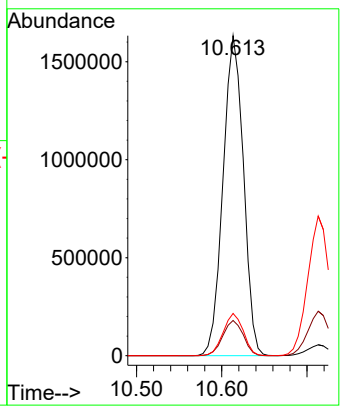




#31
Naphthalene
Concen: 77.835 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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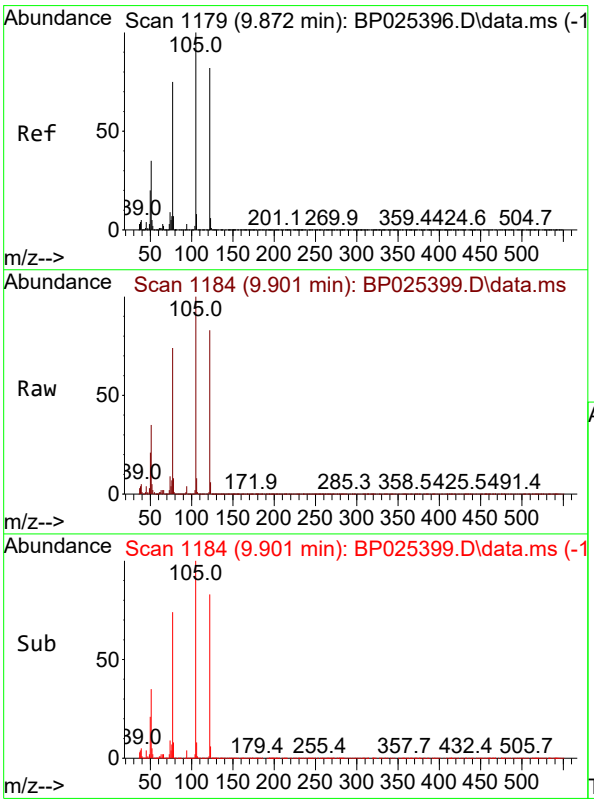
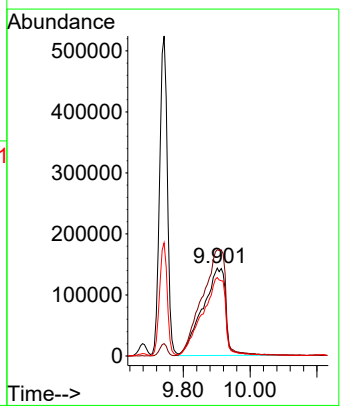
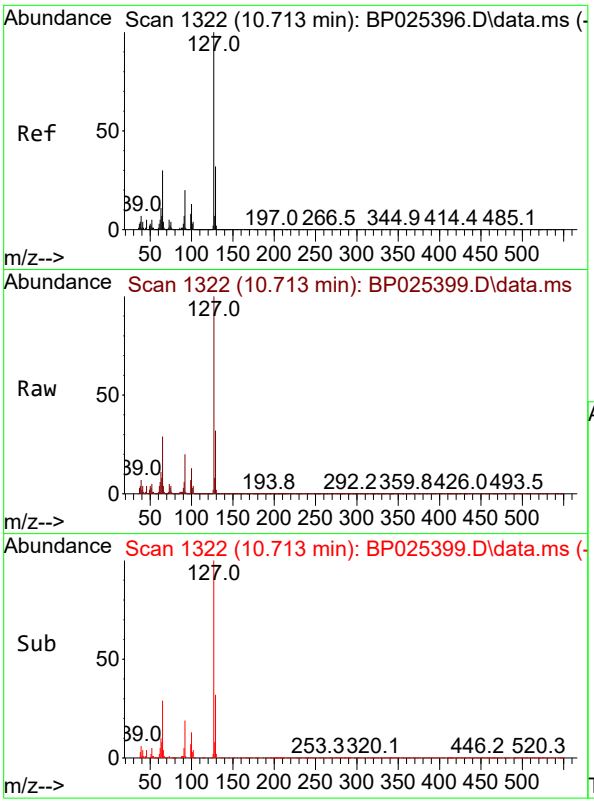


#32
Benzoic acid
Concen: 88.861 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

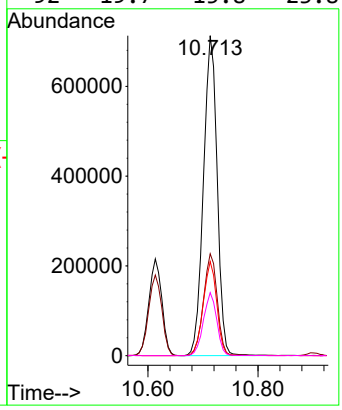




#33
4-Chloroaniline
Concen: 79.761 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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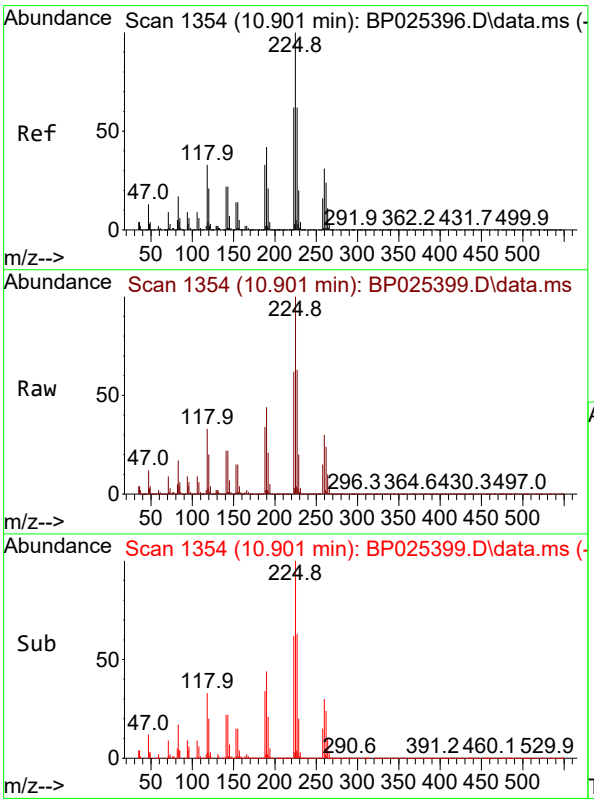
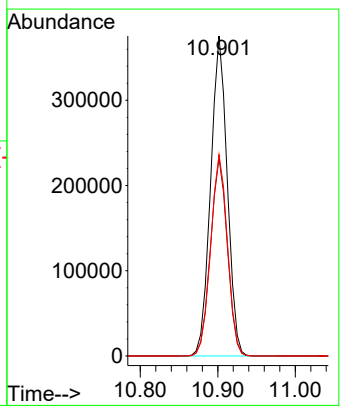
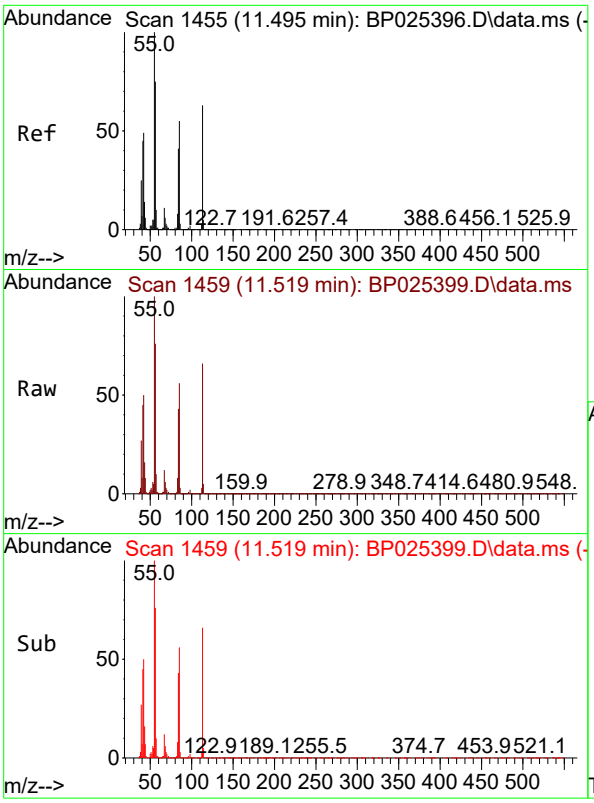


#34
Hexachlorobutadiene
Concen: 78.393 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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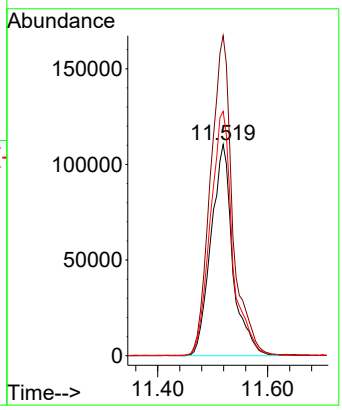
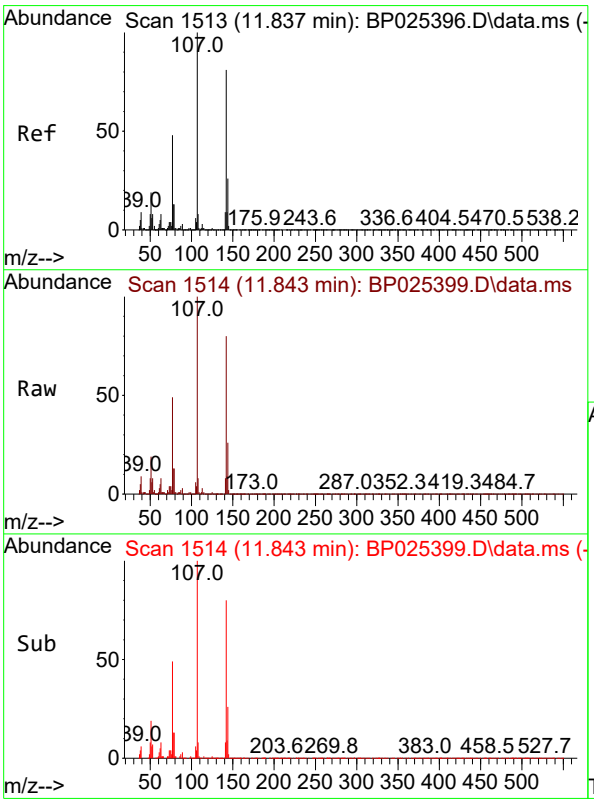
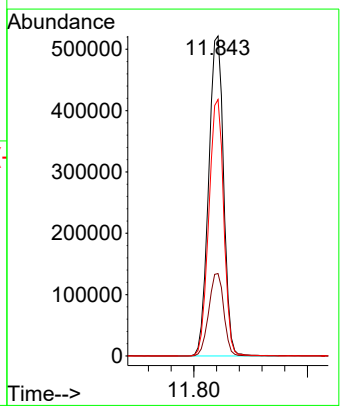


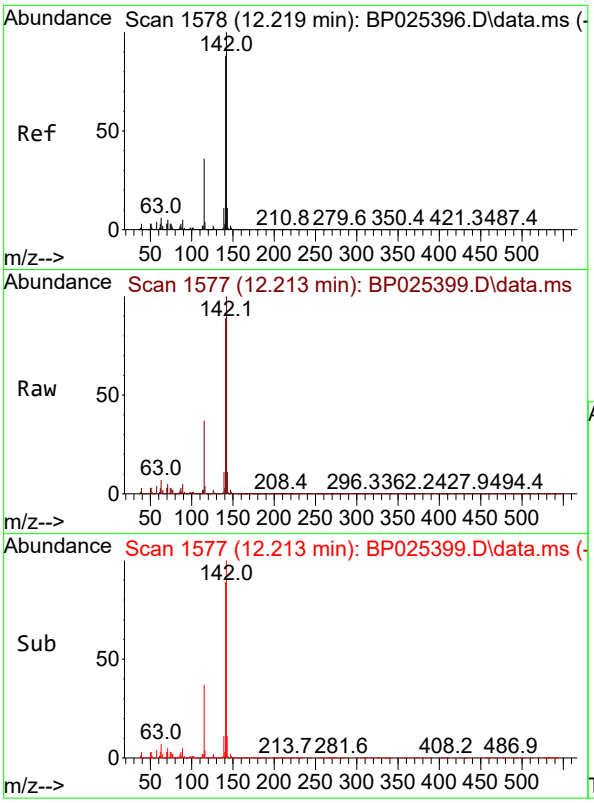


#36
4-Chloro-3-methylphenol
Concen: 79.399 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

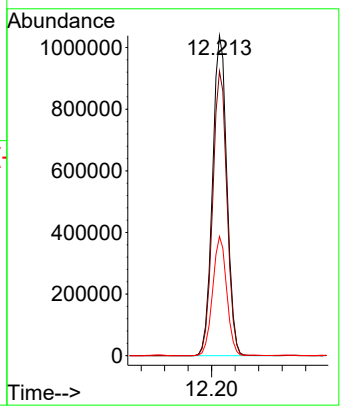




#37
2-Methylnaphthalene
Concen: 77.372 ng
RT: 12.213 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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ClientSampleId :
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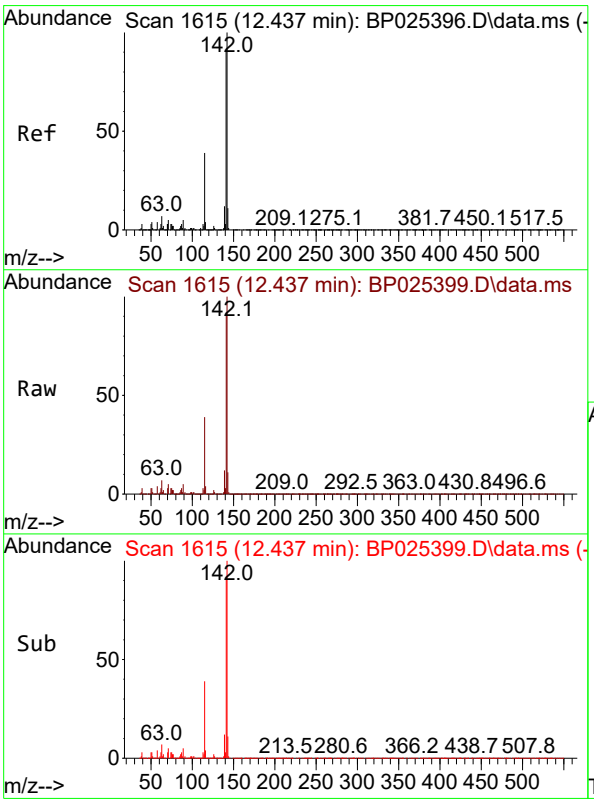
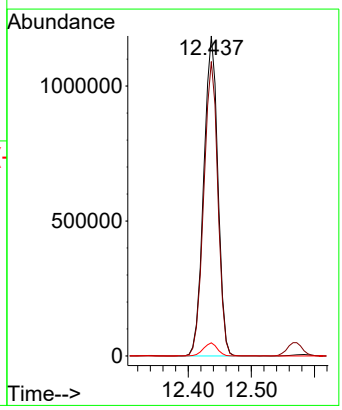
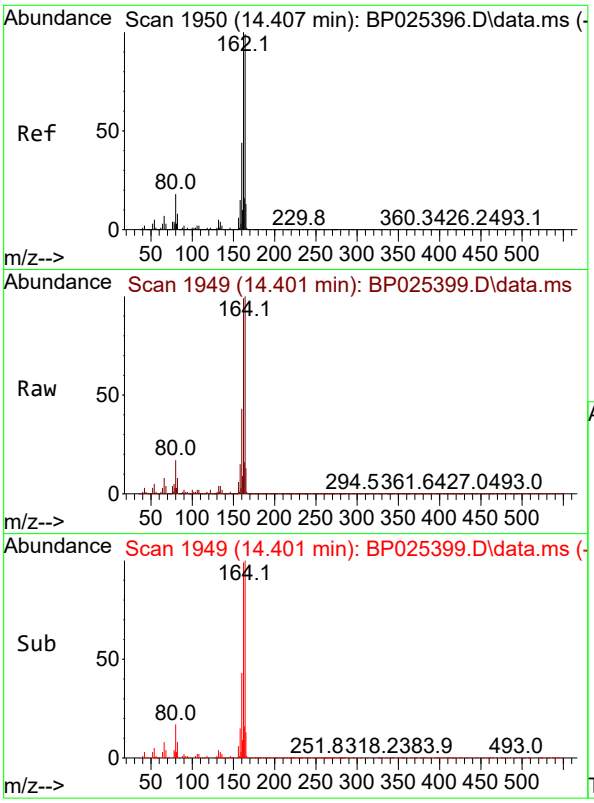


#38
1-Methylnaphthalene
Concen: 76.186 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

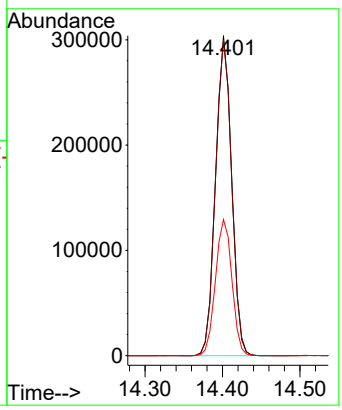




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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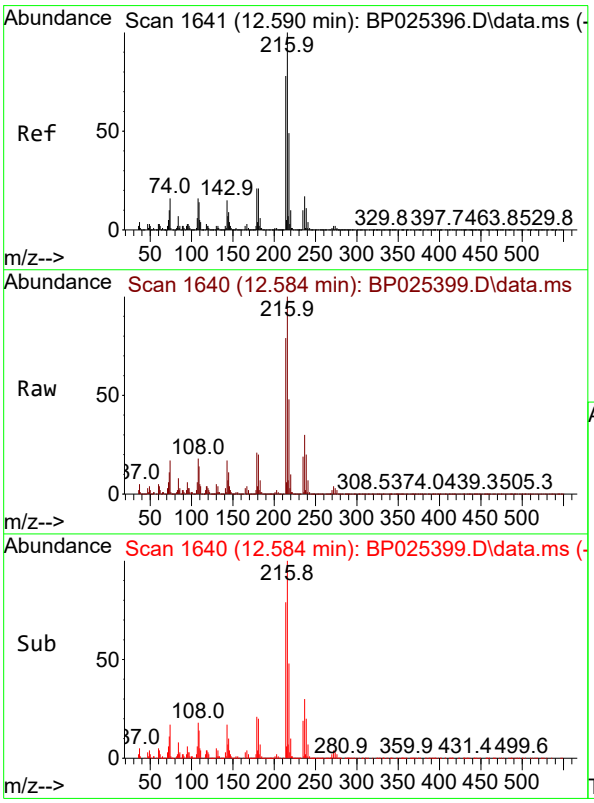
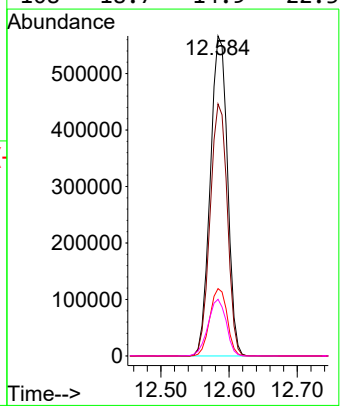
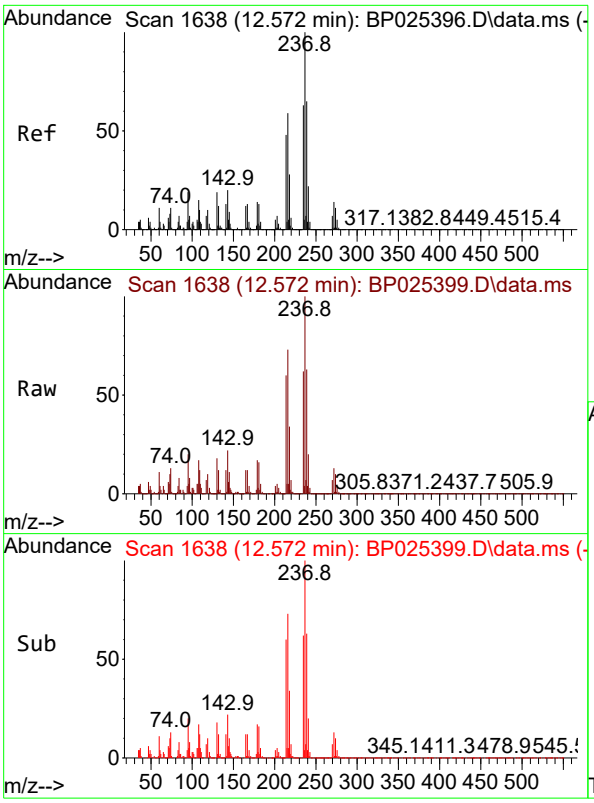


#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.014 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

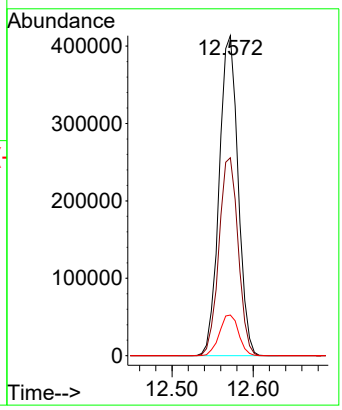




#41
Hexachlorocyclopentadiene
Concen: 87.916 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
BNA_P
ClientSampleId :
SSTDICC080

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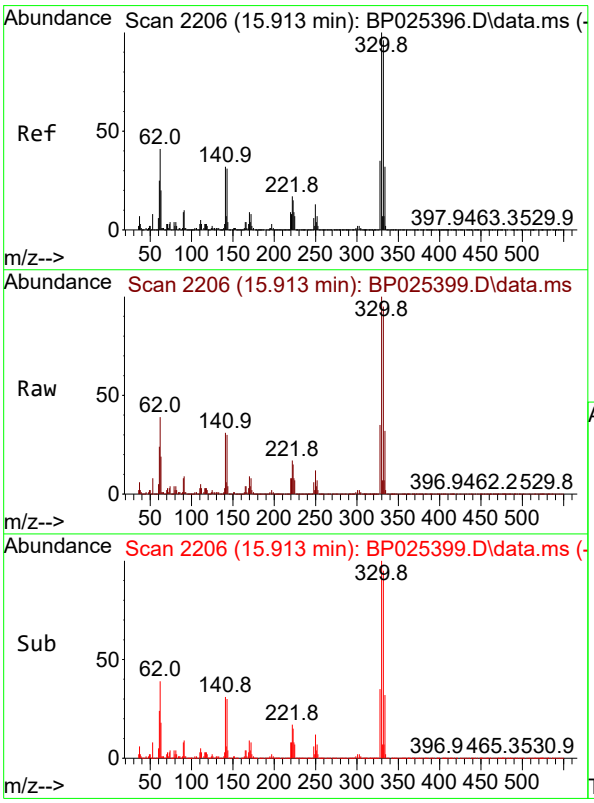
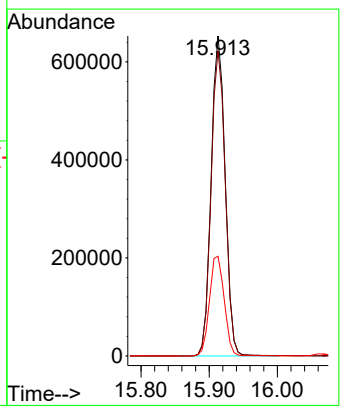
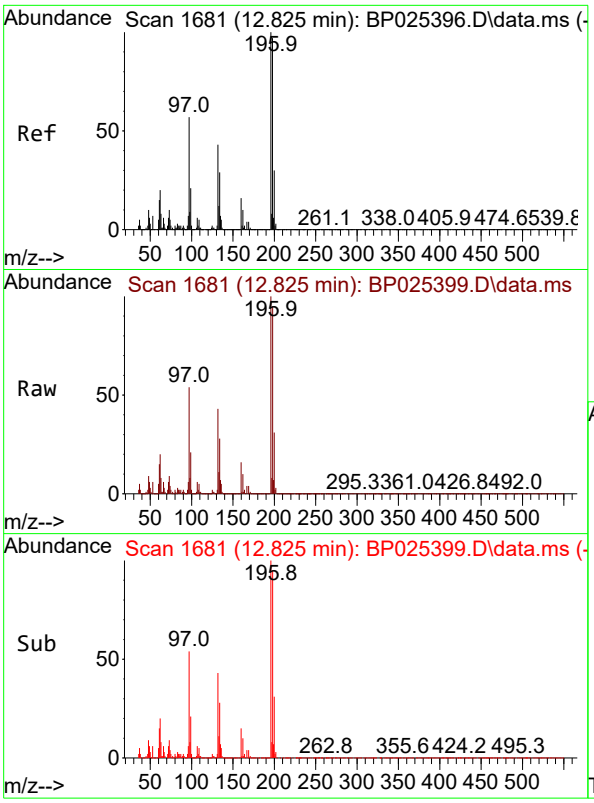


#42
2,4,6-Tribromophenol
Concen: 159.559 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

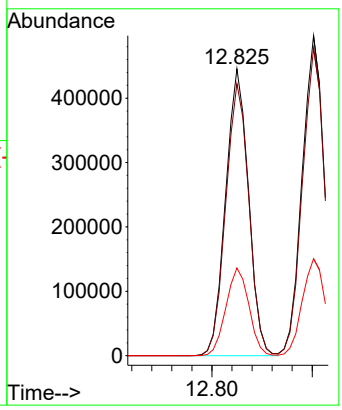




#43
2,4,6-Trichlorophenol
Concen: 83.096 ng
RT: 12.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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ClientSampleId :
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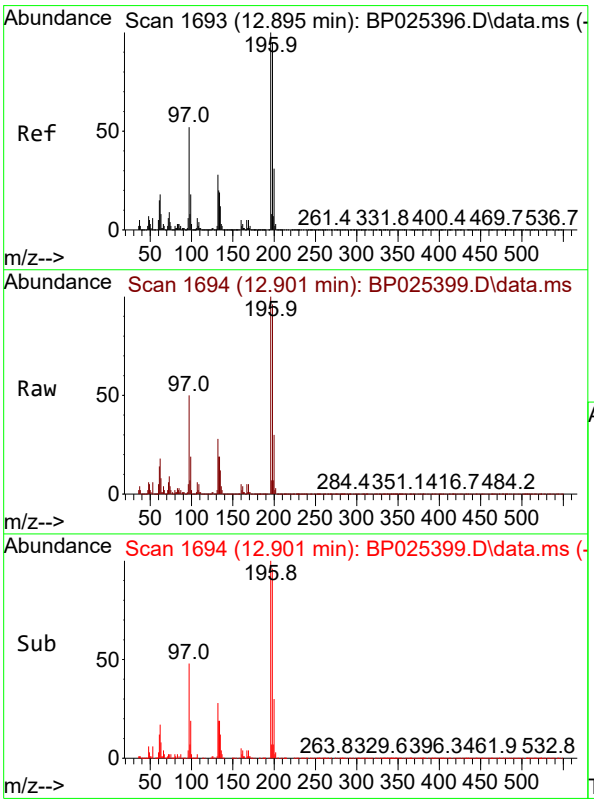
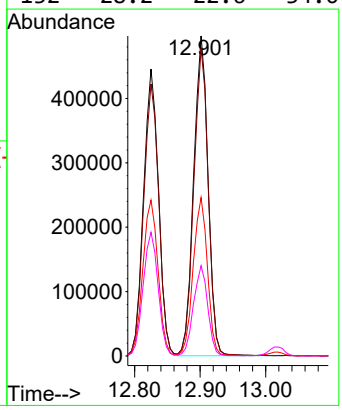
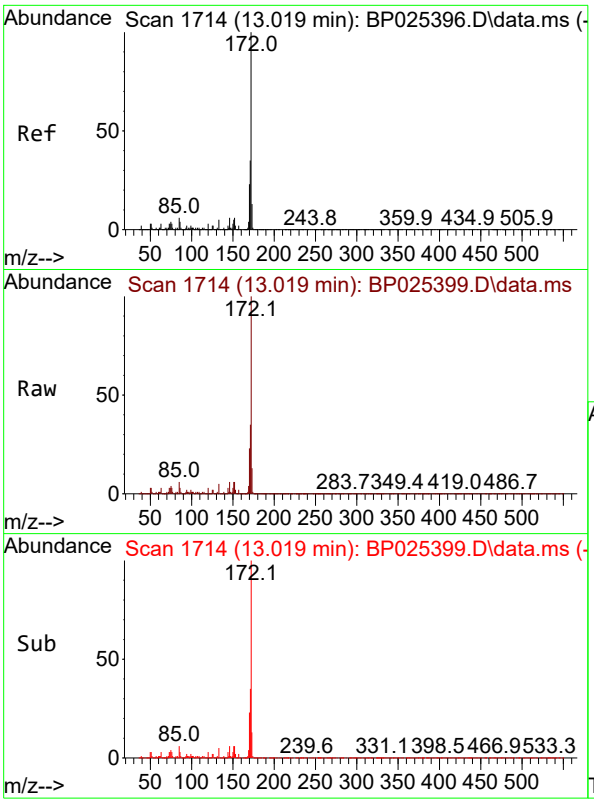


#44
2,4,5-Trichlorophenol
Concen: 81.870 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

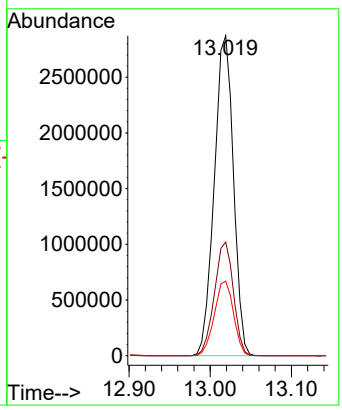




#45
2-Fluorobiphenyl
Concen: 147.705 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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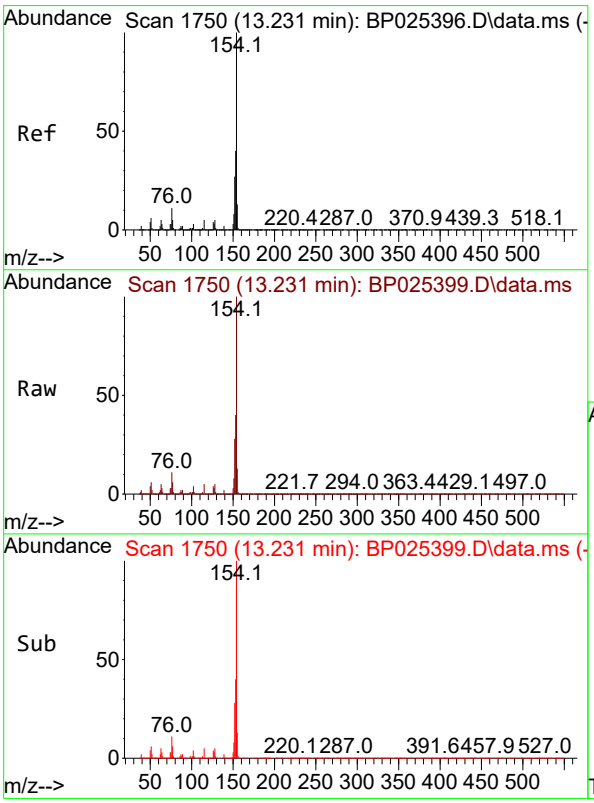
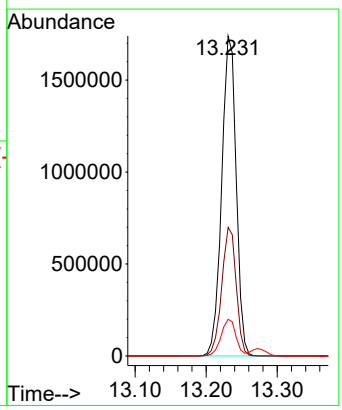
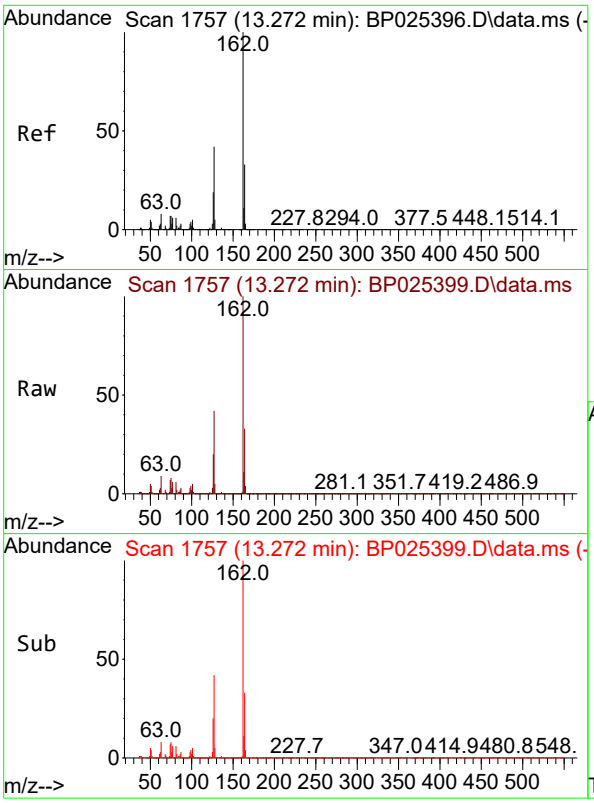


#46
1,1'-Biphenyl
Concen: 77.476 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

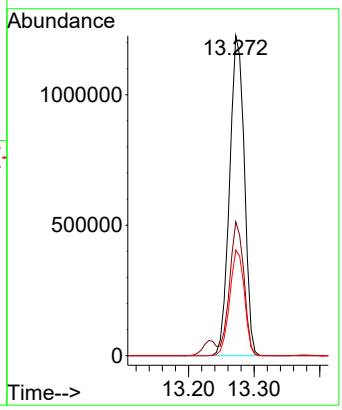




#47
2-Chloronaphthalene
Concen: 77.804 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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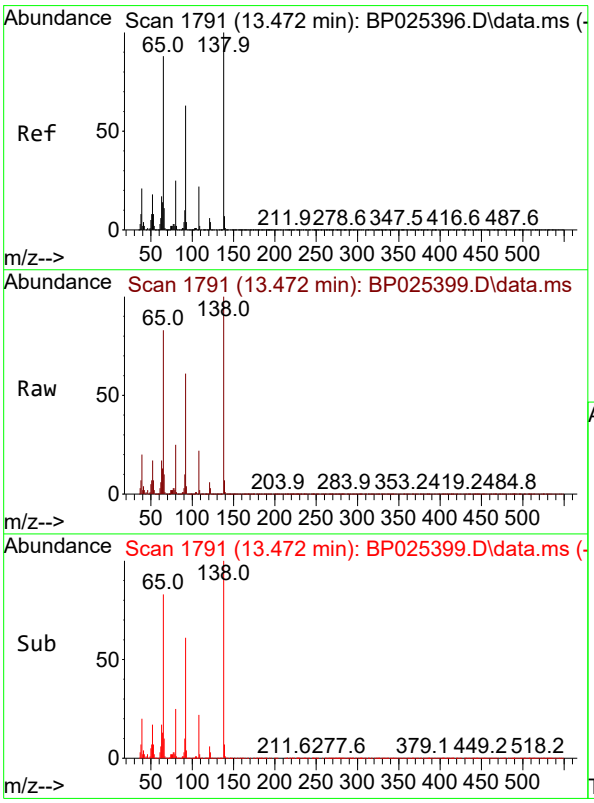
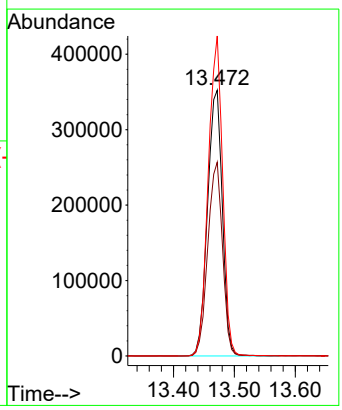
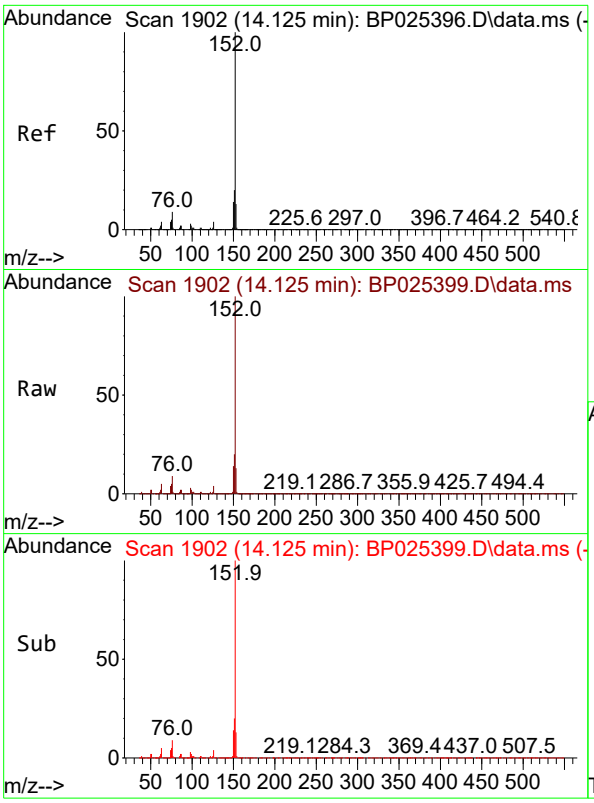


#48
2-Nitroaniline
Concen: 82.788 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

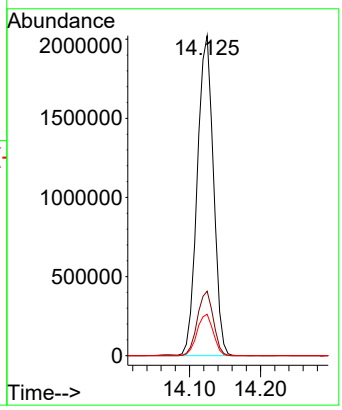




#49
Acenaphthylene
Concen: 78.318 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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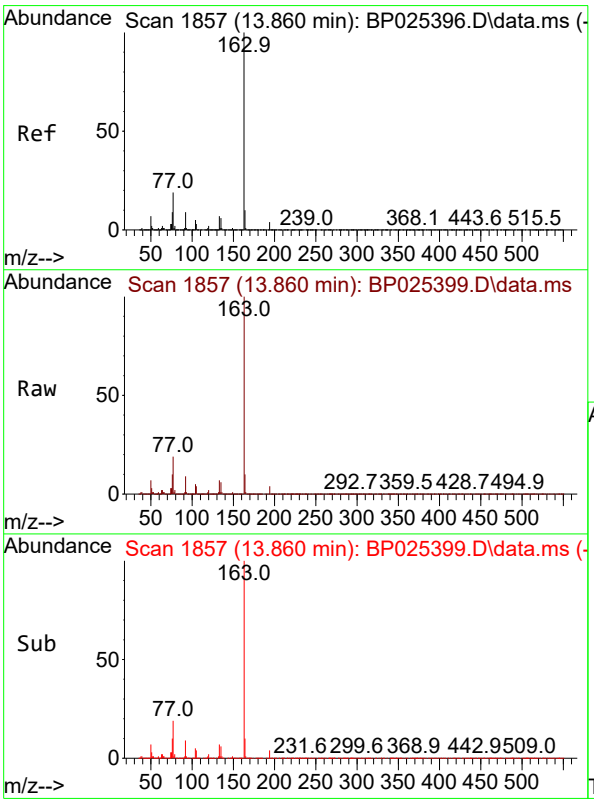
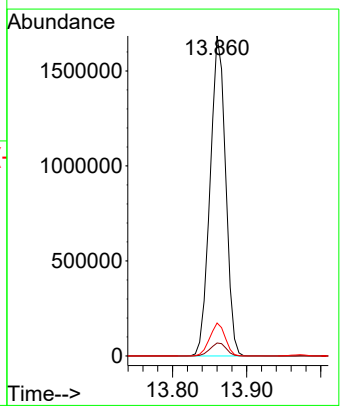
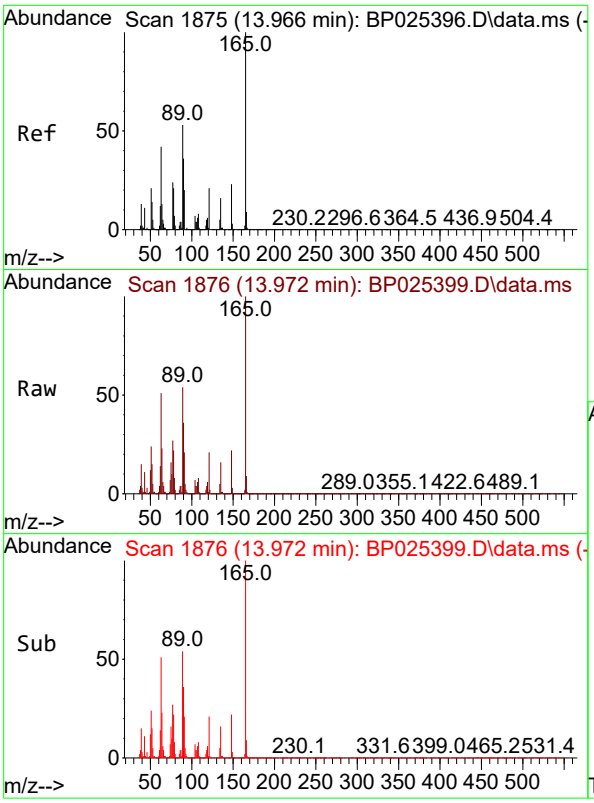


#50
Dimethylphthalate
Concen: 76.632 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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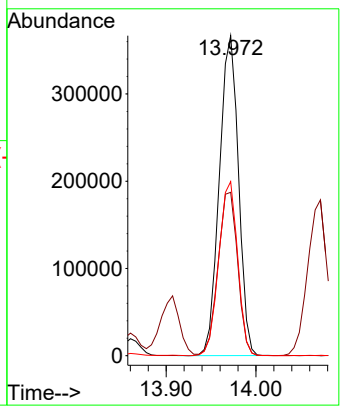
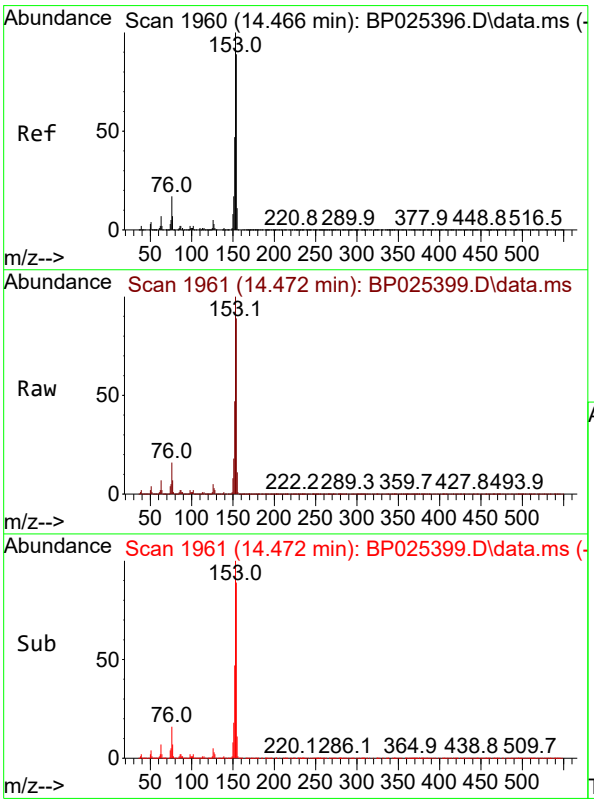
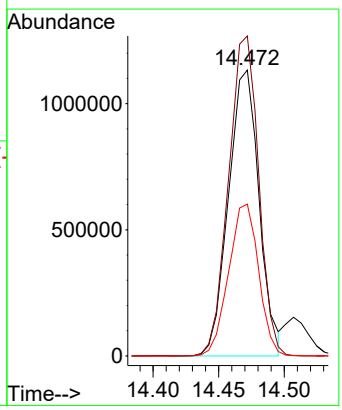


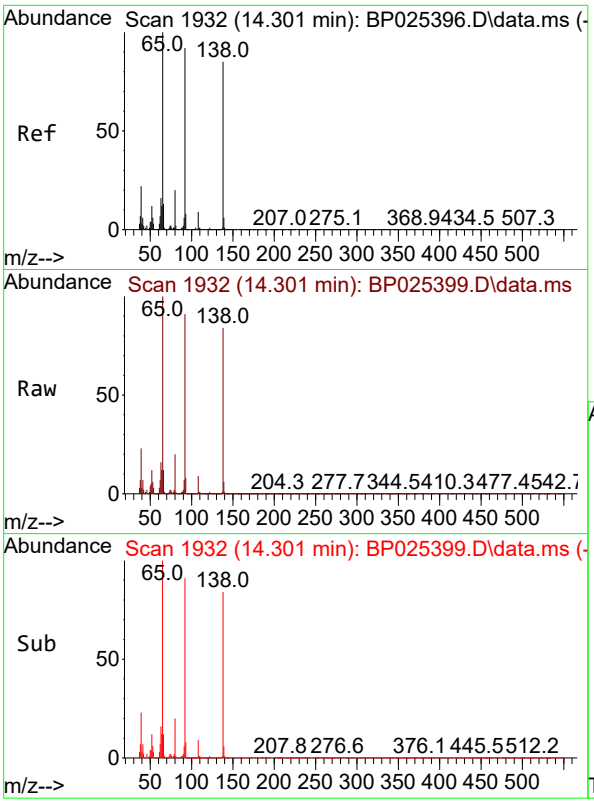


#52
Acenaphthene
Concen: 76.902 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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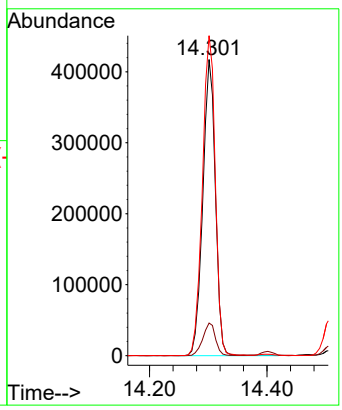
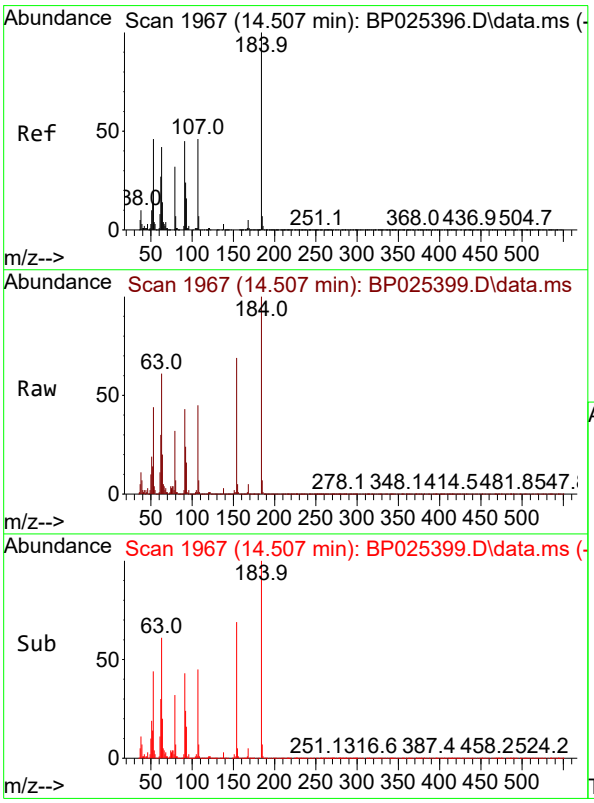
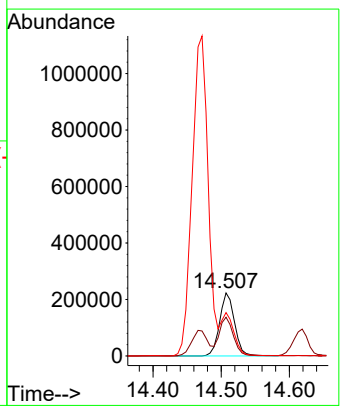


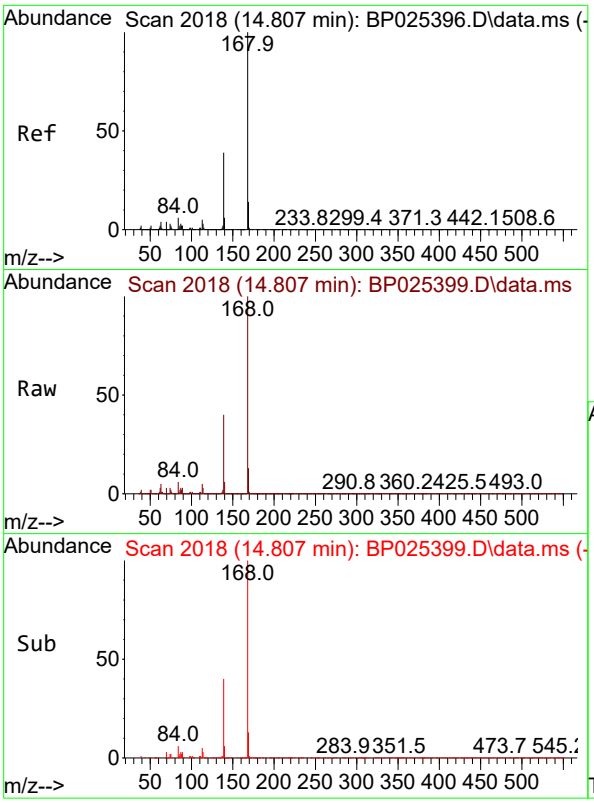


#54
2,4-Dinitrophenol
Concen: 94.356 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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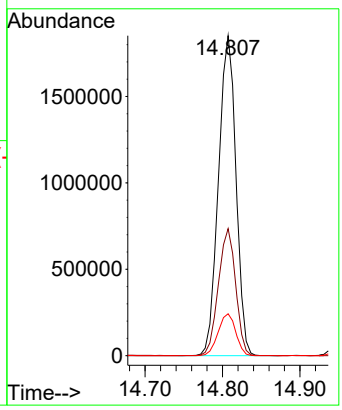
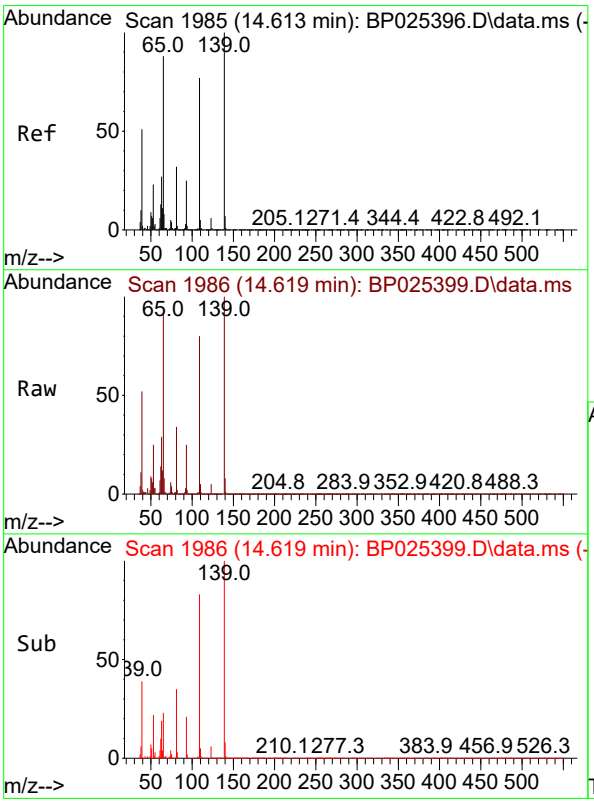
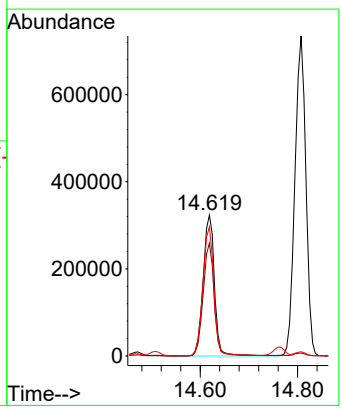


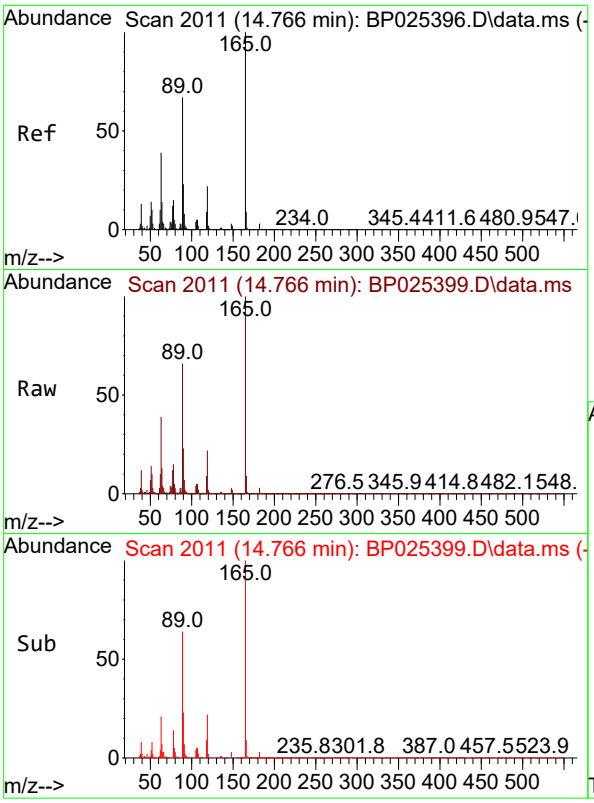


#56
4-Nitrophenol
Concen: 83.618 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

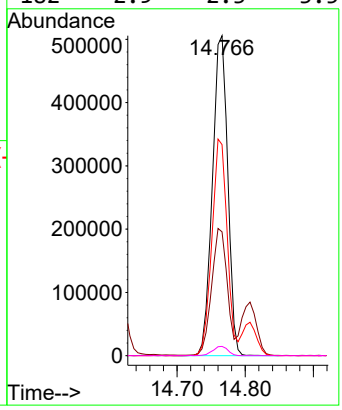




#57
2,4-Dinitrotoluene
Concen: 82.399 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
BNA_P
ClientSampleId :
SSTDICC080

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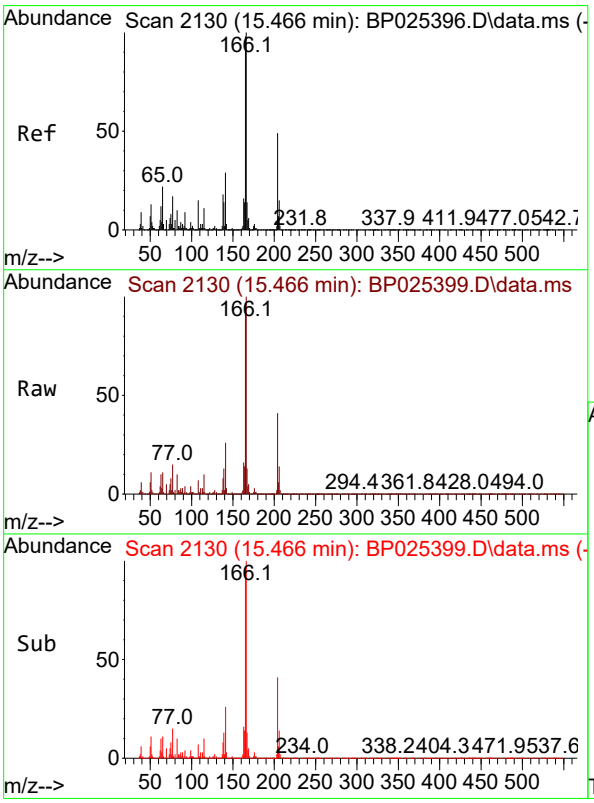
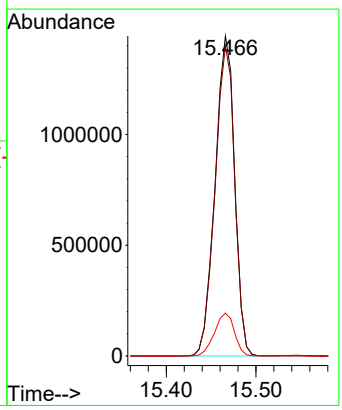
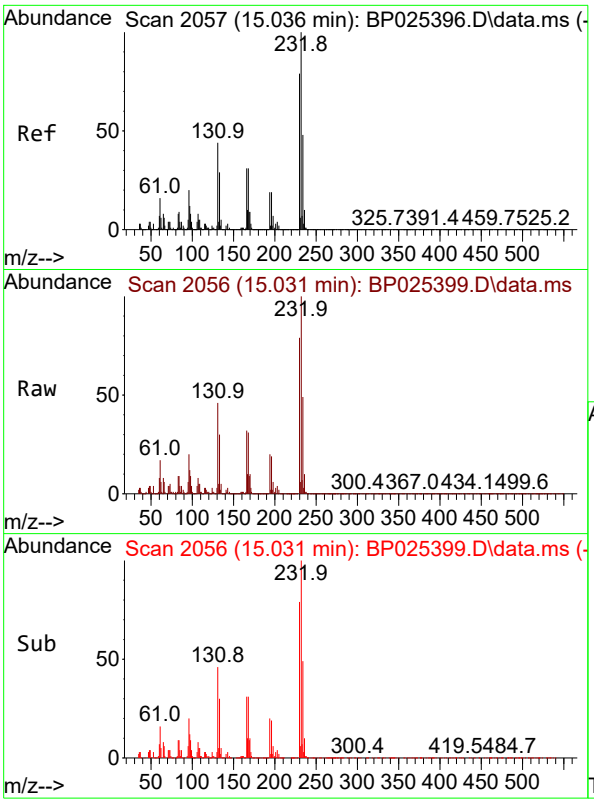


#58
Fluorene
Concen: 73.164 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

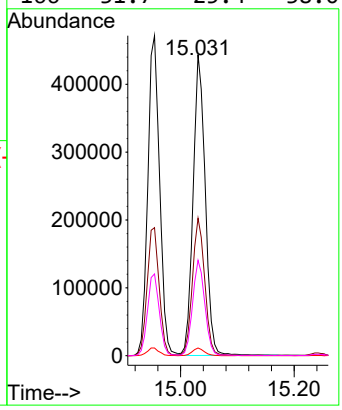




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.448 ng
RT: 15.031 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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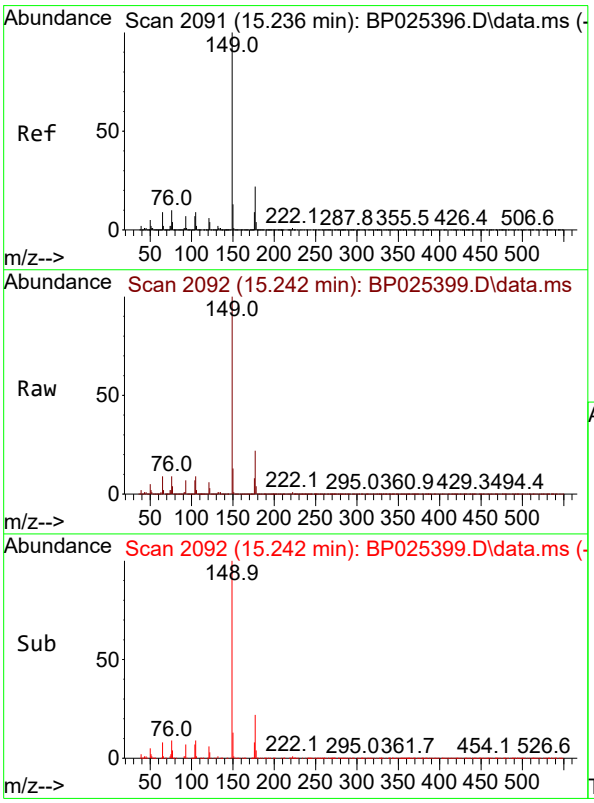
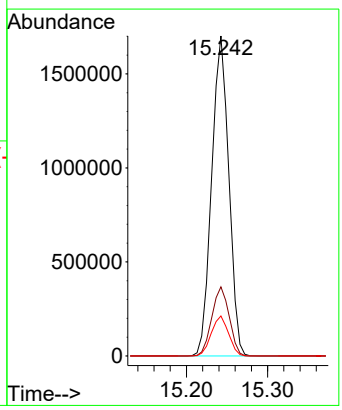
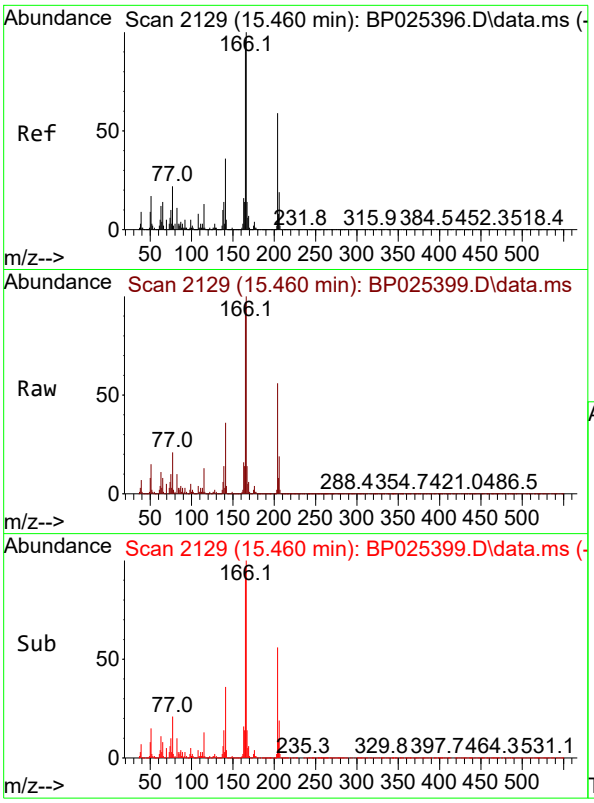


#60
Diethylphthalate
Concen: 76.870 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
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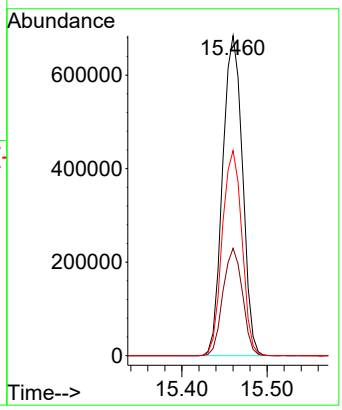
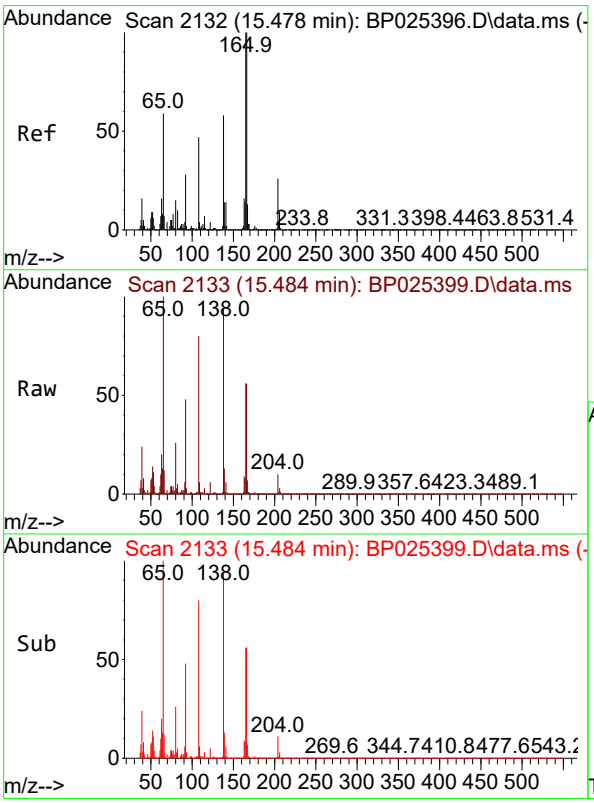
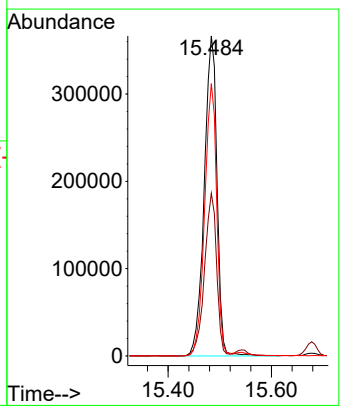


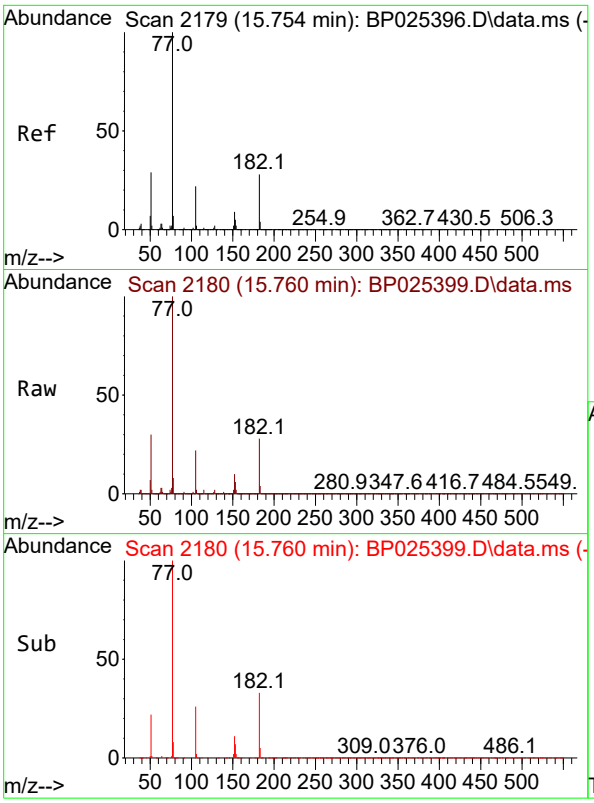


#62
4-Nitroaniline
Concen: 80.710 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

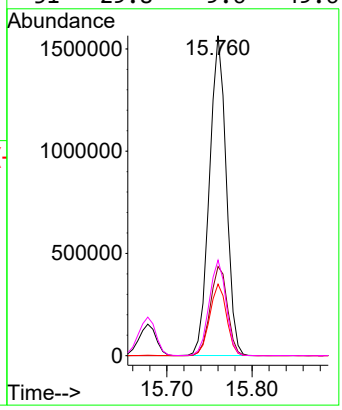




#63
Azobenzene
Concen: 77.017 ng
RT: 15.760 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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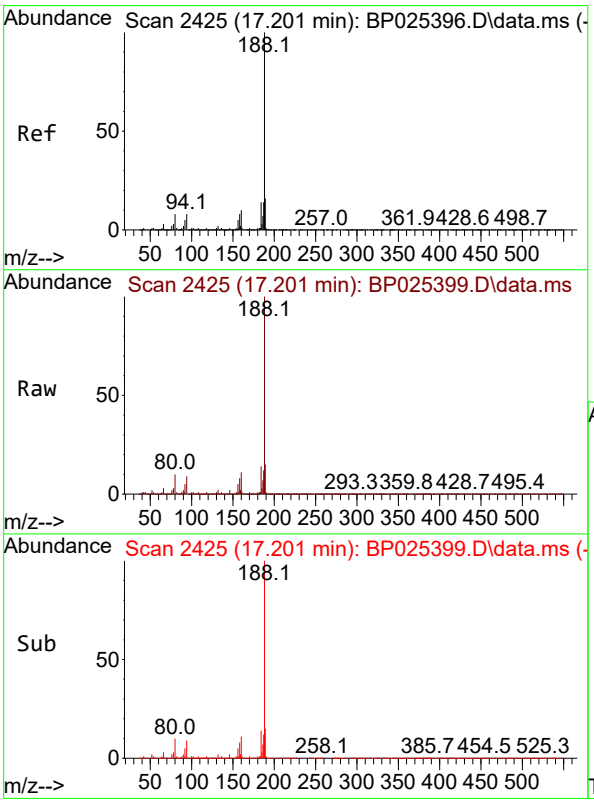
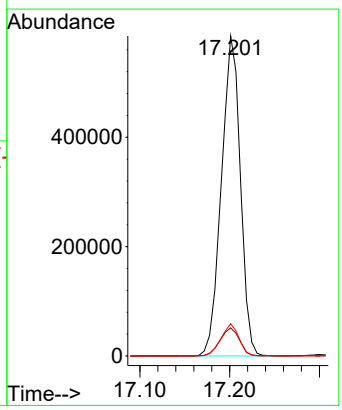
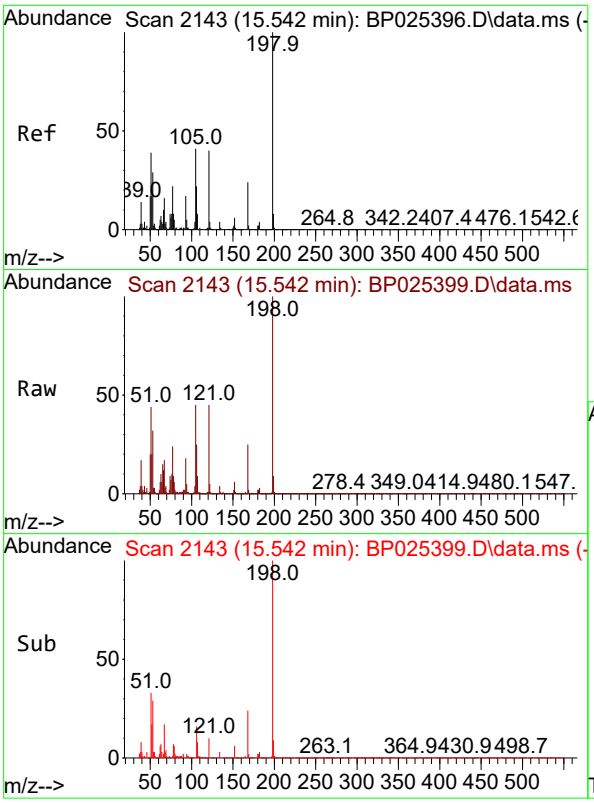


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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#

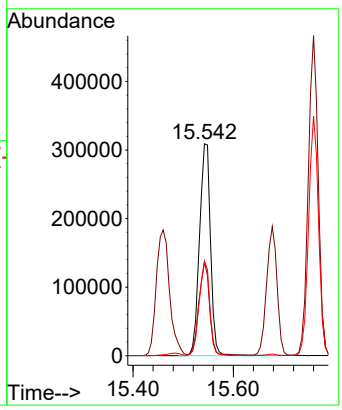




#65
4,6-Dinitro-2-methylphenol
Concen: 88.473 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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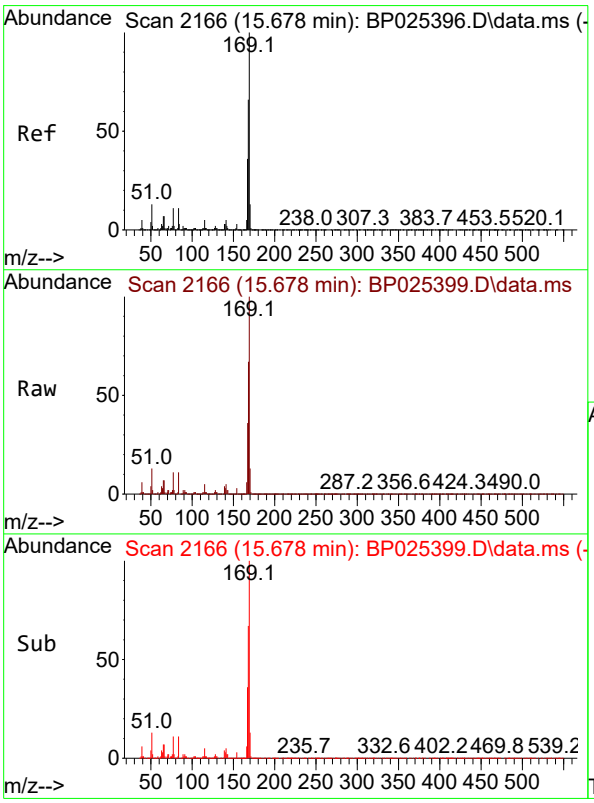
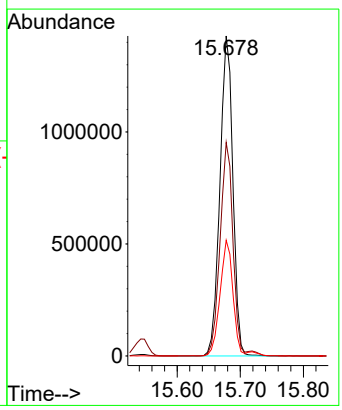
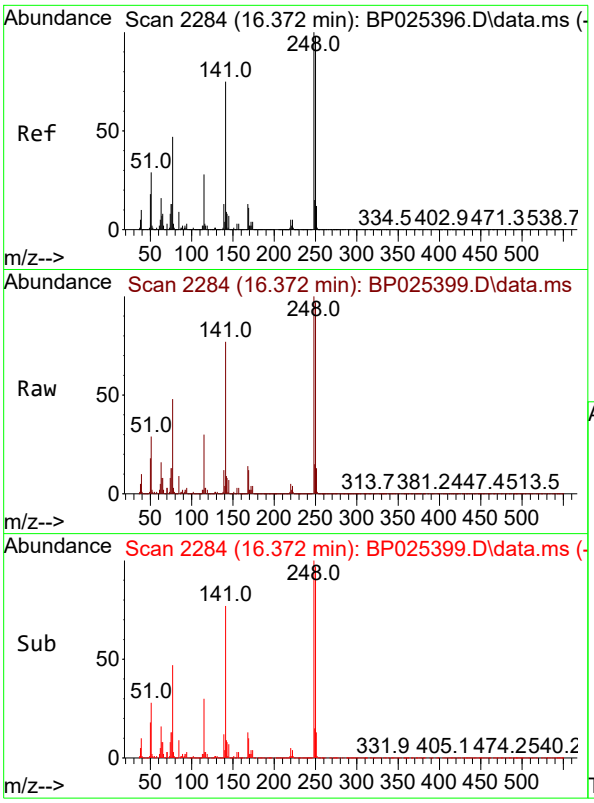


#66
n-Nitrosodiphenylamine
Concen: 77.866 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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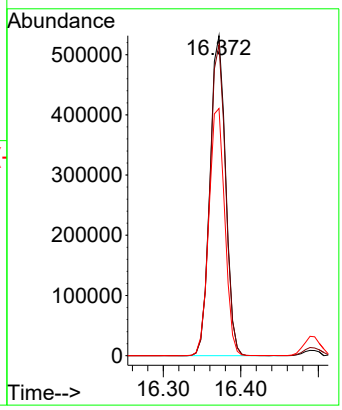
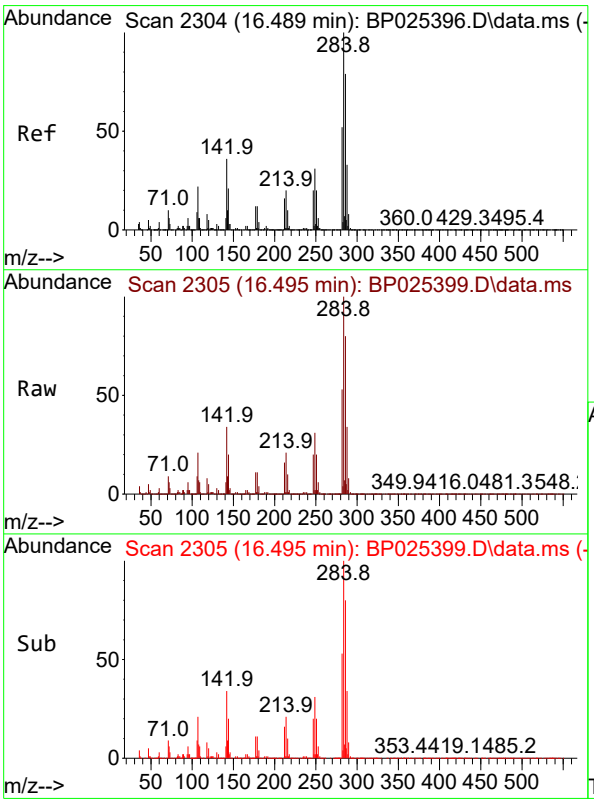
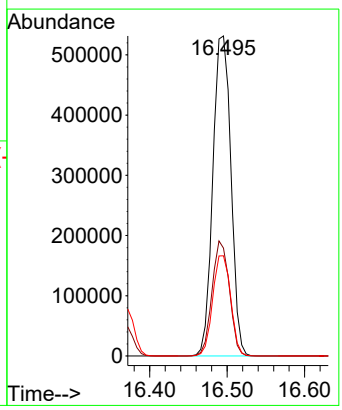


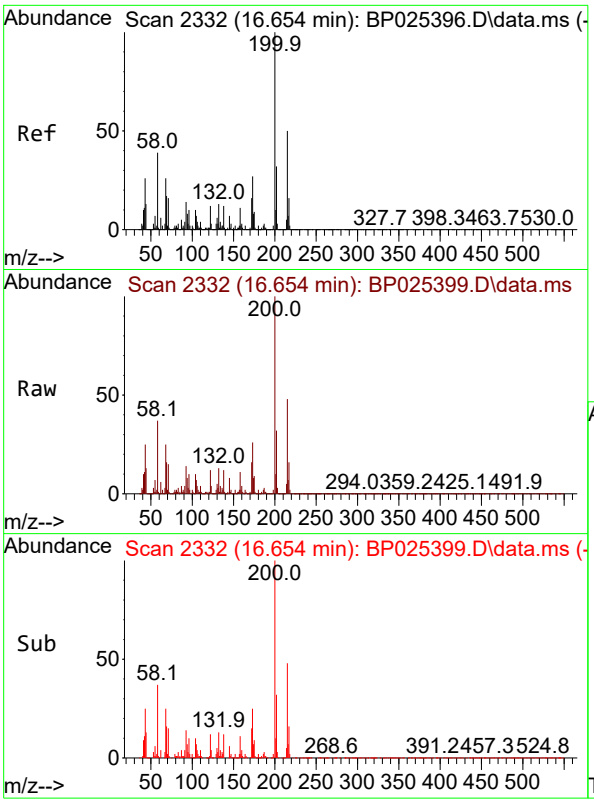


#68
Hexachlorobenzene
Concen: 78.721 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

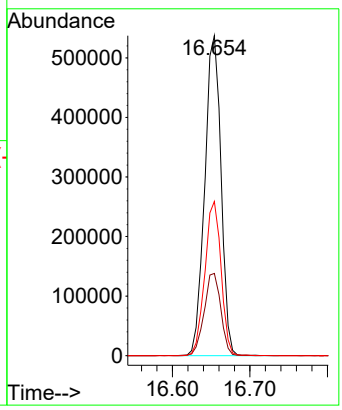




#69
Atrazine
Concen: 80.064 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
BNA_P
ClientSampleId :
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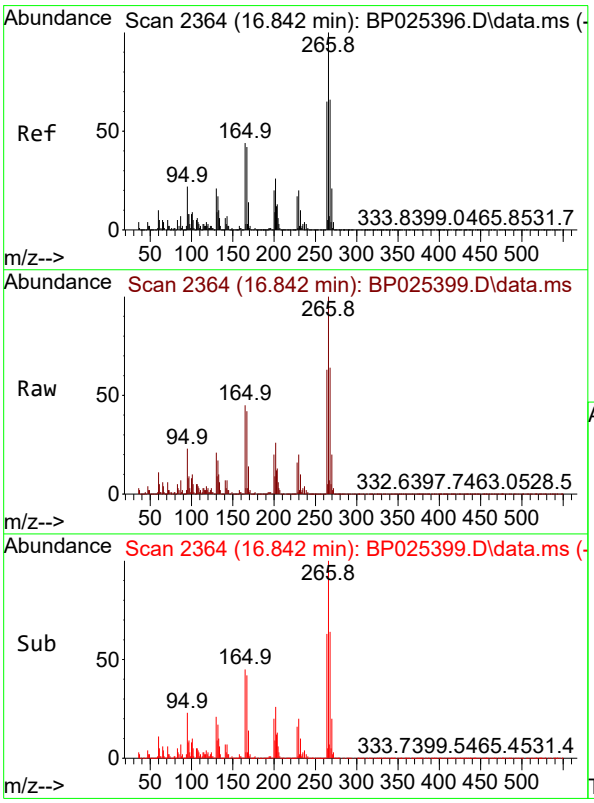
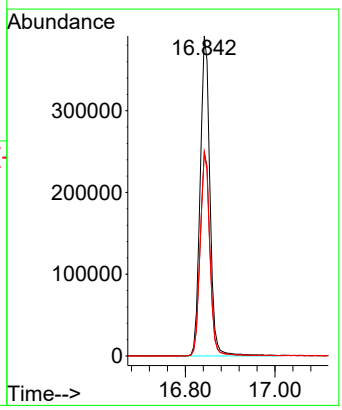
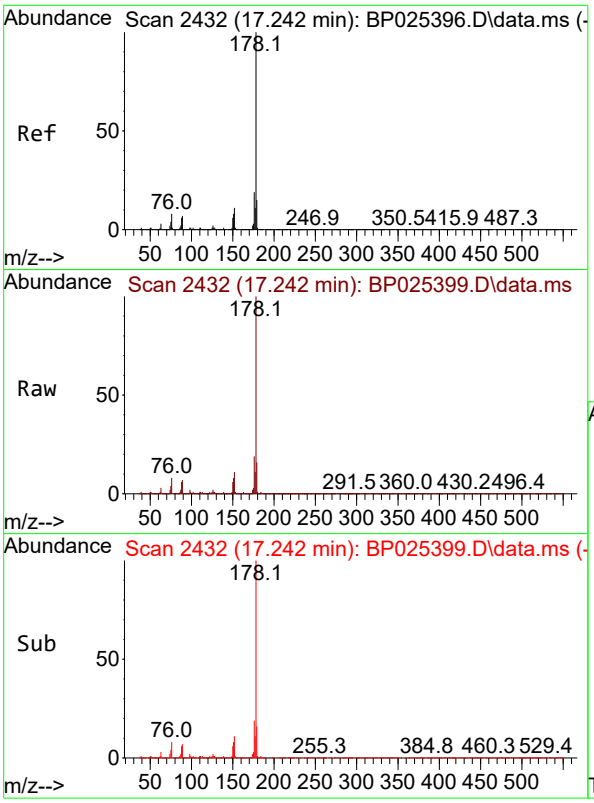


#70
Pentachlorophenol
Concen: 85.502 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

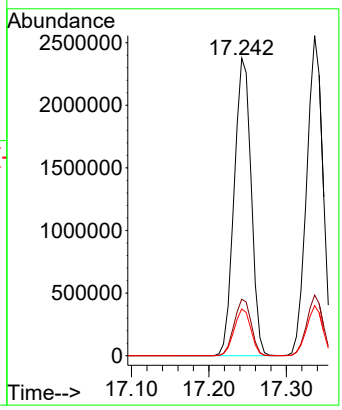




#71
Phenanthrene
Concen: 76.972 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
BNA_P
ClientSampleId :
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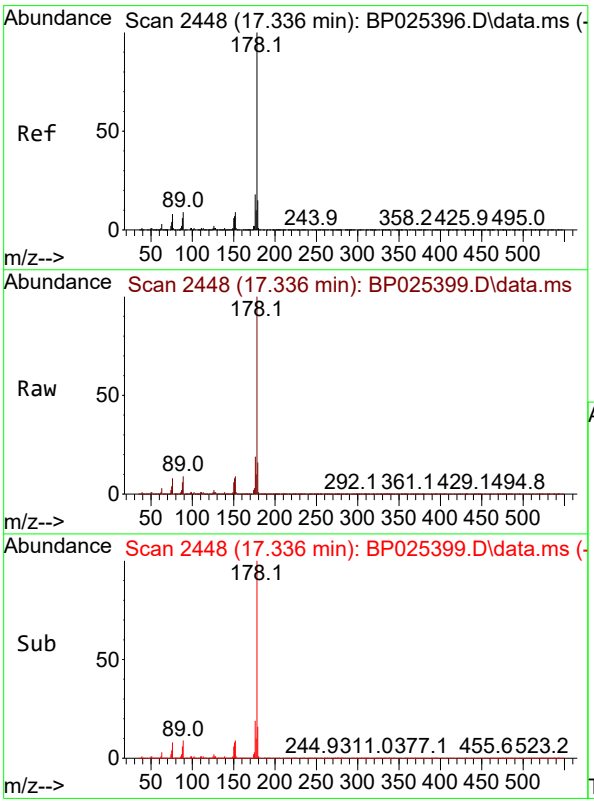
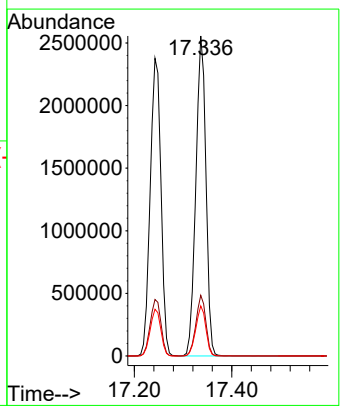
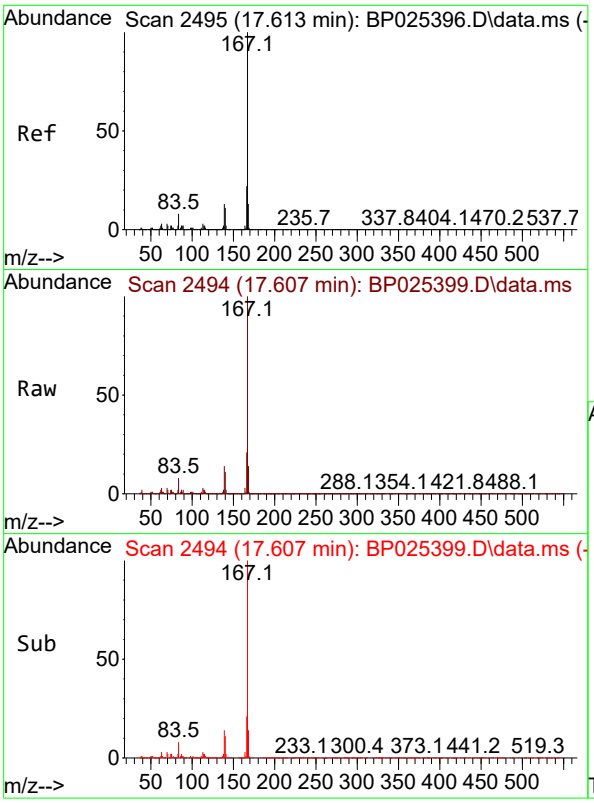


#72
Anthracene
Concen: 77.014 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

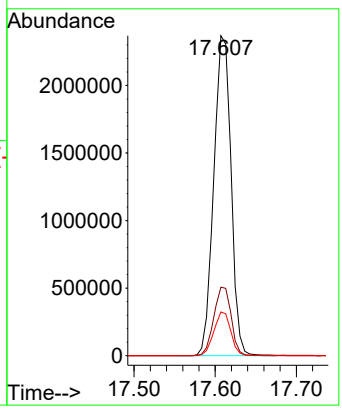




#73
Carbazole
Concen: 77.368 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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 :
BNA_P
ClientSampleId :
SSTDICC080

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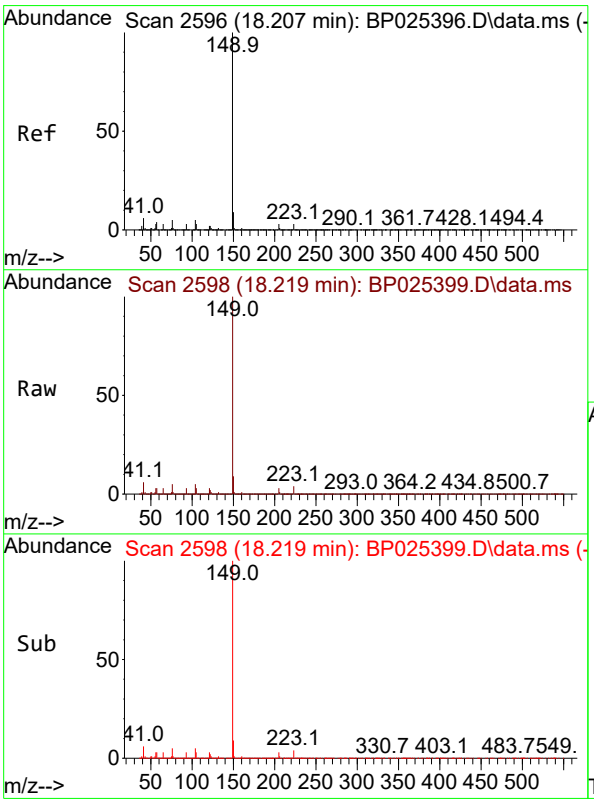
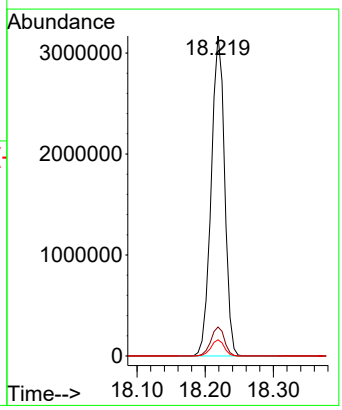
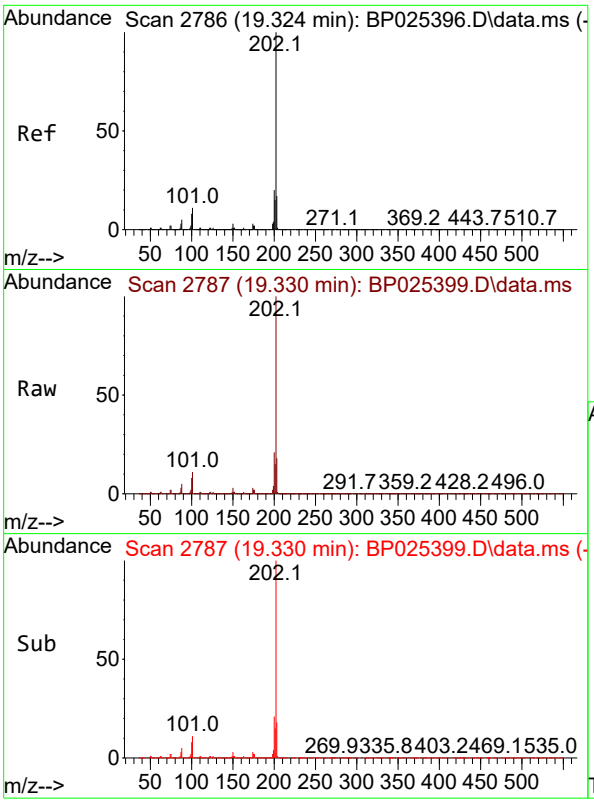


#74
Di-n-butylphthalate
Concen: 77.844 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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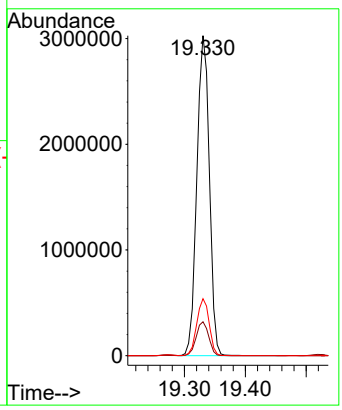
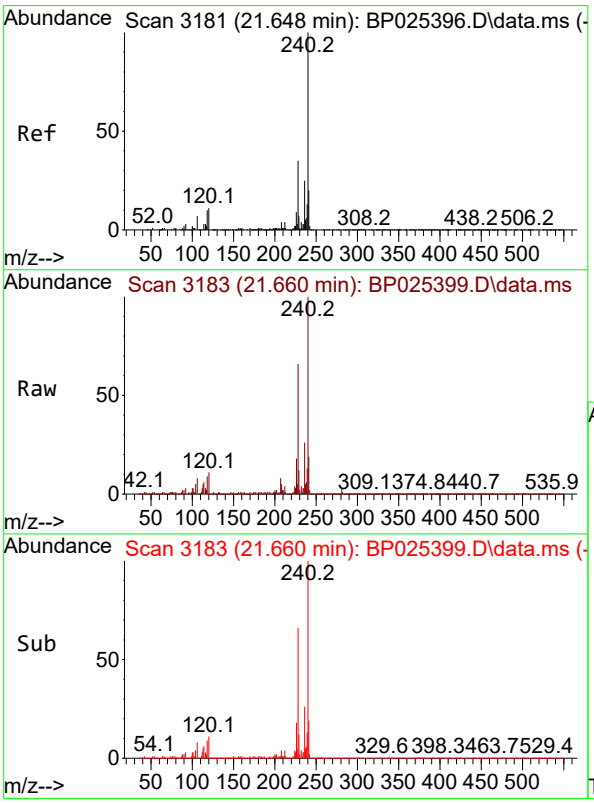
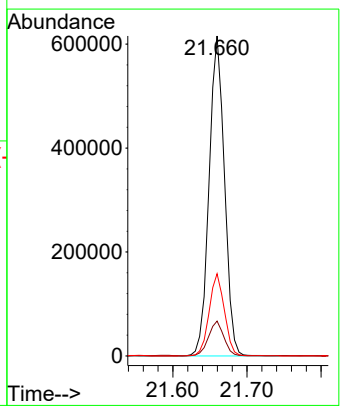


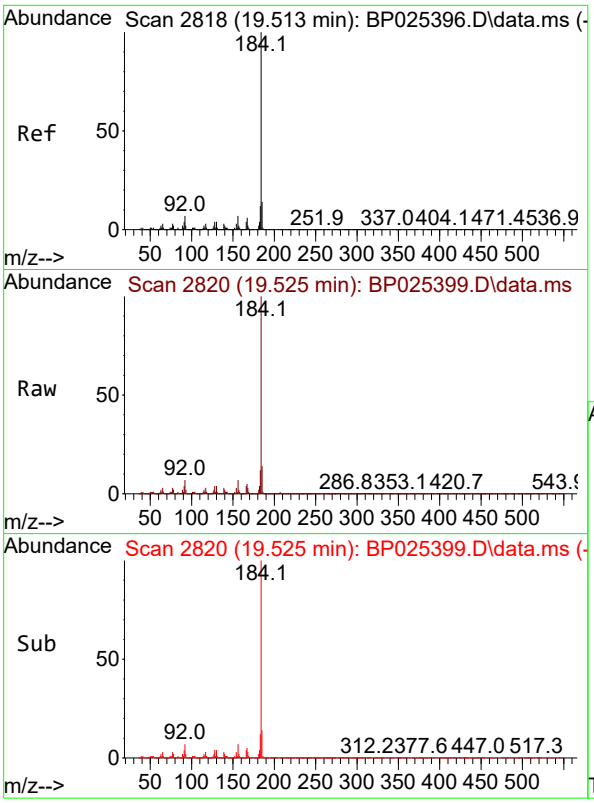


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

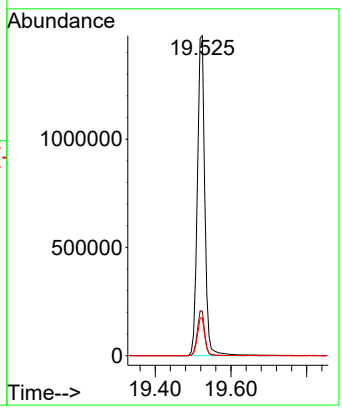




#77
Benzidine
Concen: 67.124 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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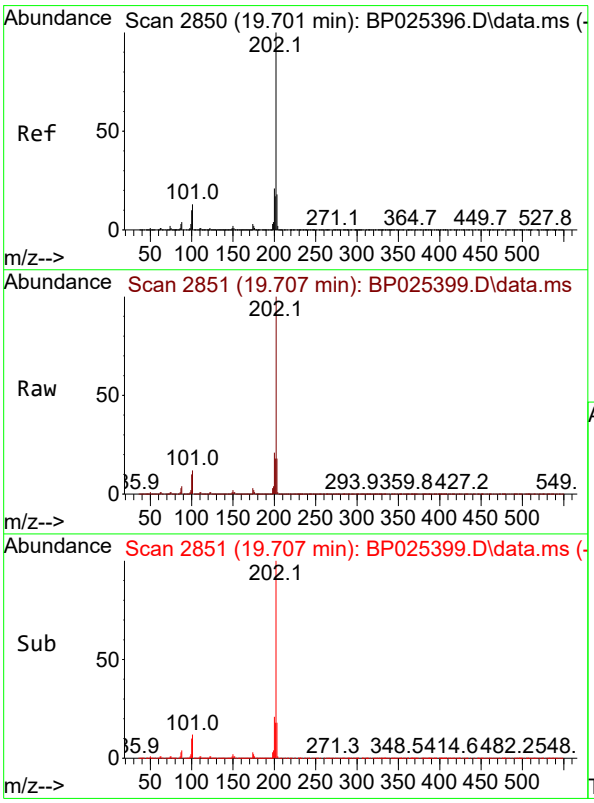
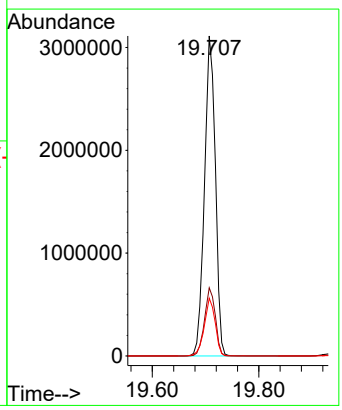
Supervised By :Jagrut Upadhyay 08/15/2025

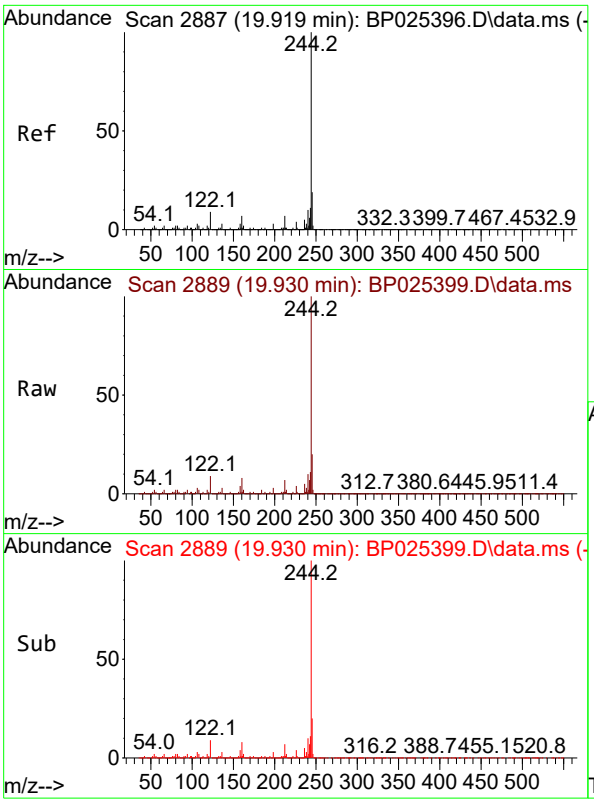


#78
Pyrene
Concen: 76.343 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

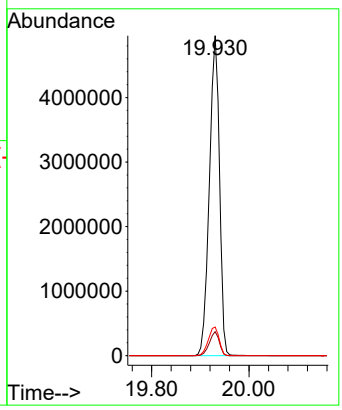




#79
Terphenyl-d14
Concen: 146.217 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

Manual Integrations
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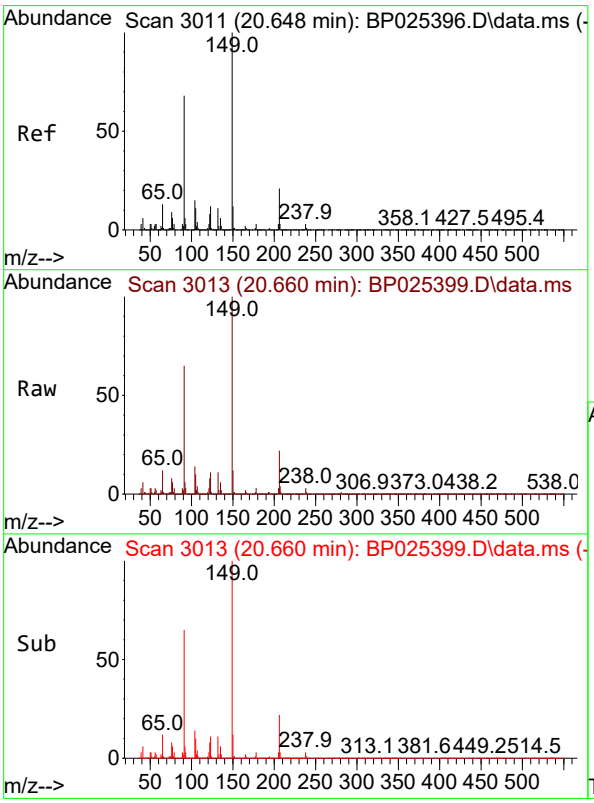
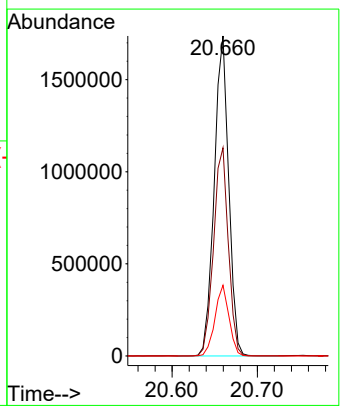
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

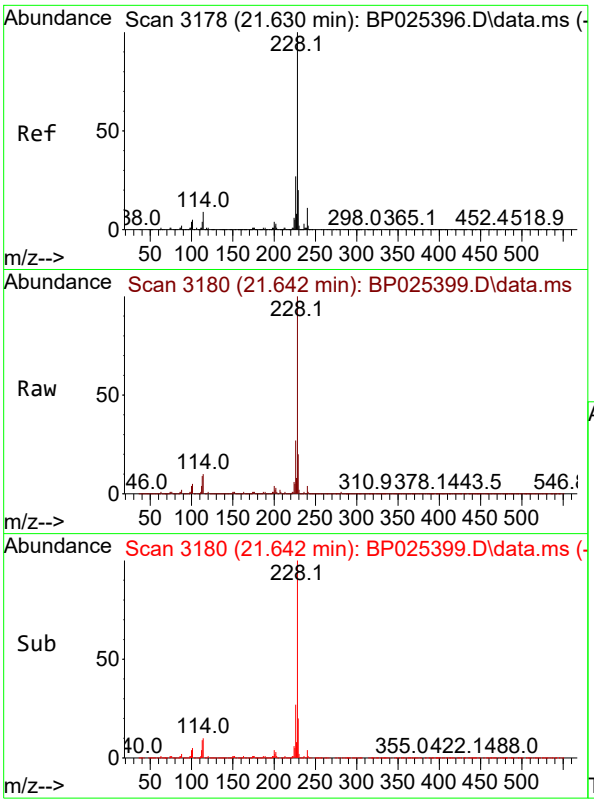


#80
Butylbenzylphthalate
Concen: 78.460 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

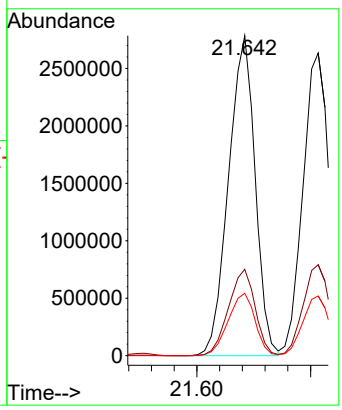




#81
Benzo(a)anthracene
Concen: 77.322 ng
RT: 21.642 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

Manual Integrations
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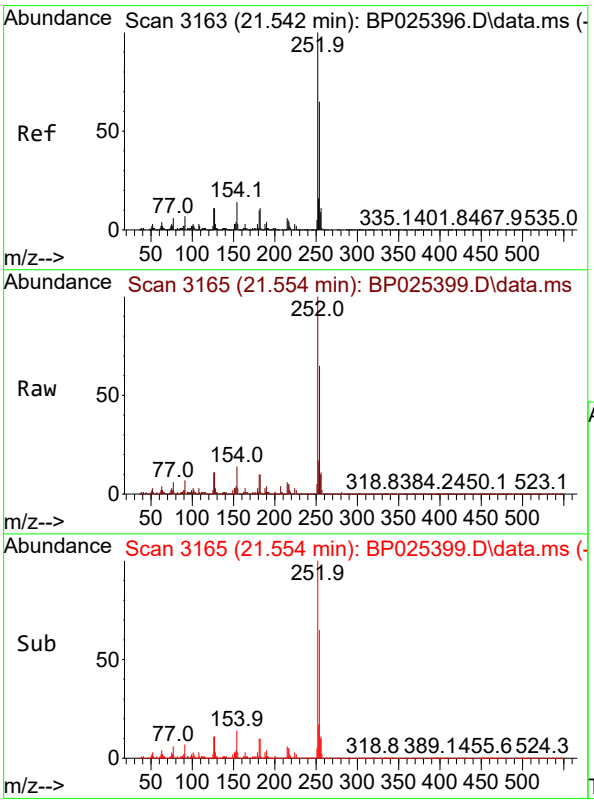
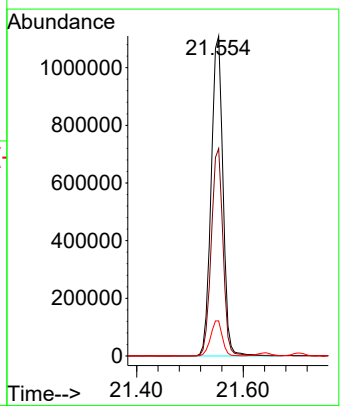
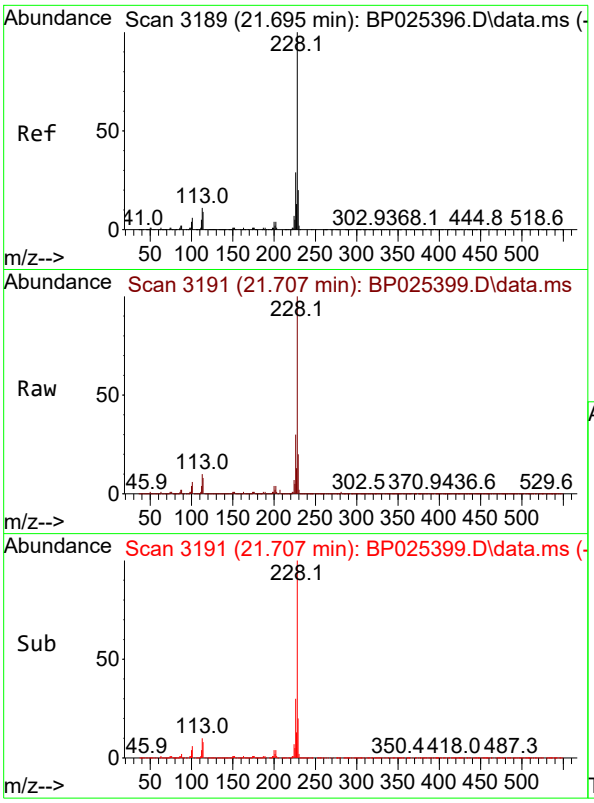


#82
3,3'-Dichlorobenzidine
Concen: 77.197 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

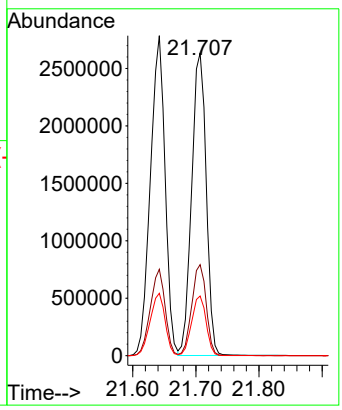




#83
Chrysene
Concen: 76.835 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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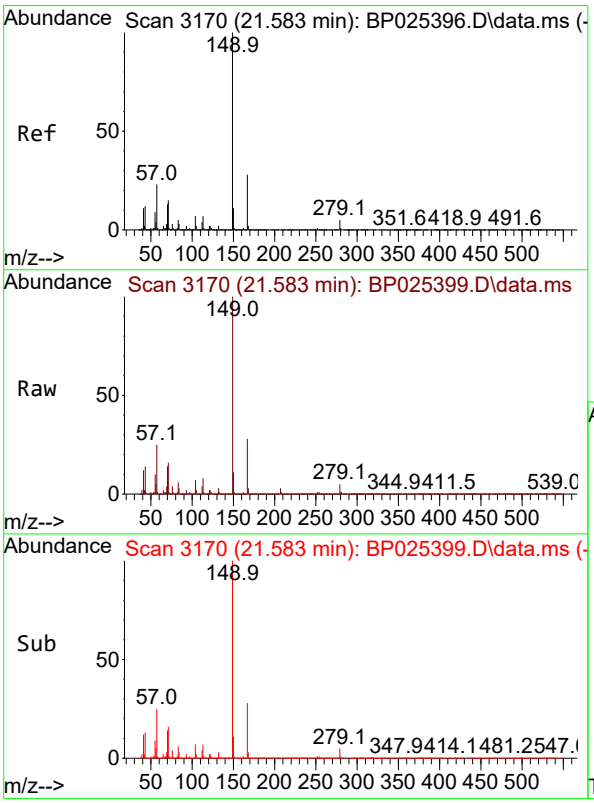
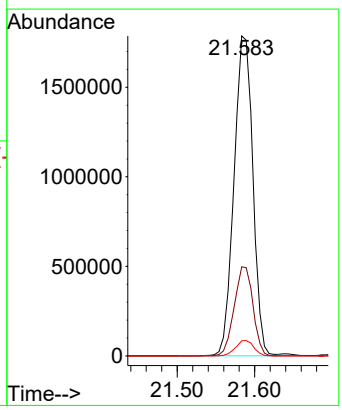
Supervised By :Jagrut Upadhyay 08/15/2025

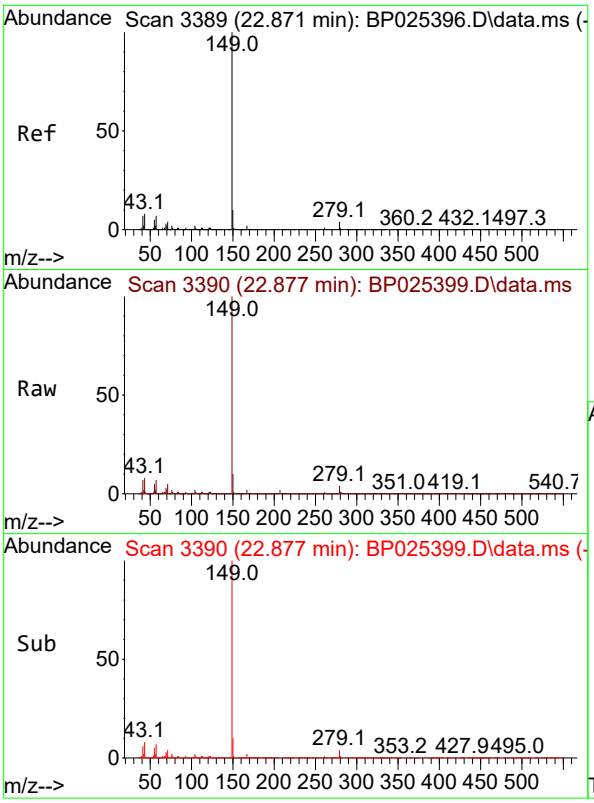


#84
Bis(2-ethylhexyl)phthalate
Concen: 78.400 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

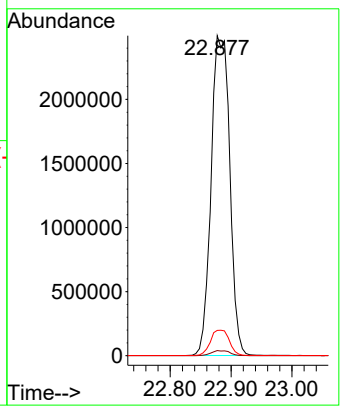




#85
Di-n-octyl phthalate
Concen: 79.974 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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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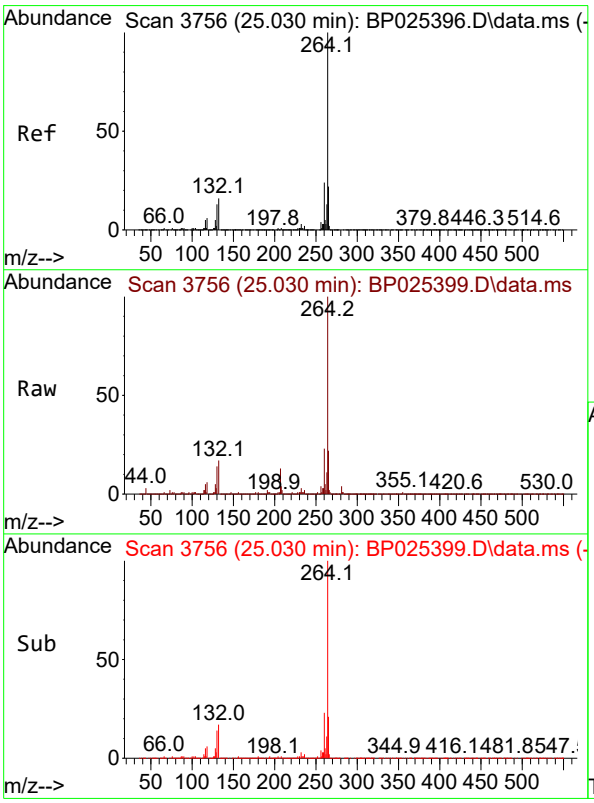
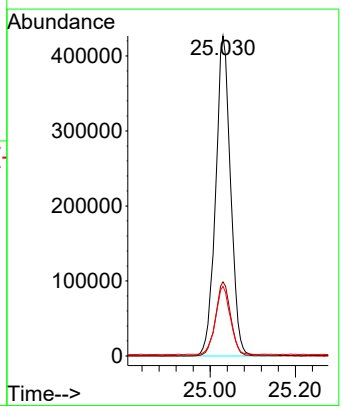
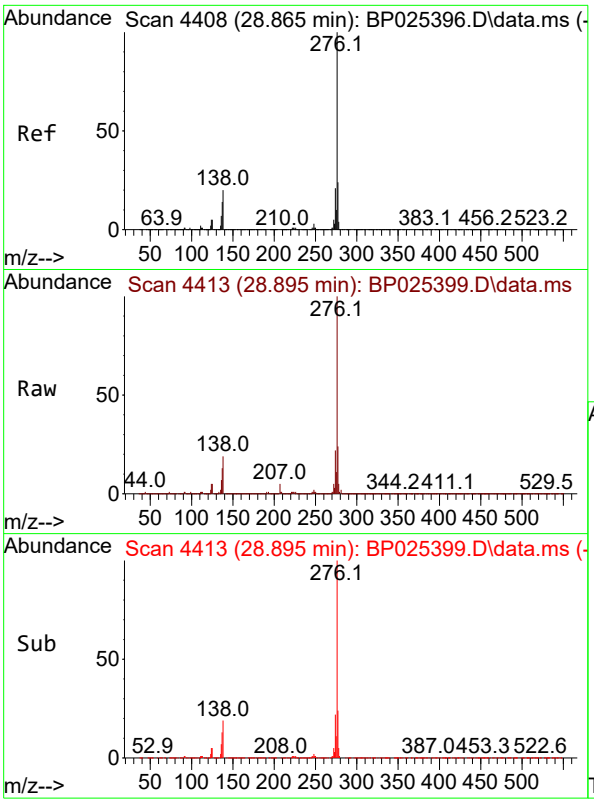


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

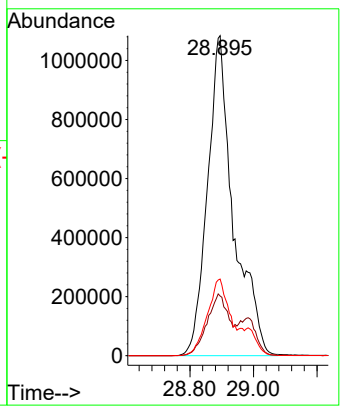




#87
Indeno(1,2,3-cd)pyrene
Concen: 81.030 ng m
RT: 28.895 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

Manual Integrations
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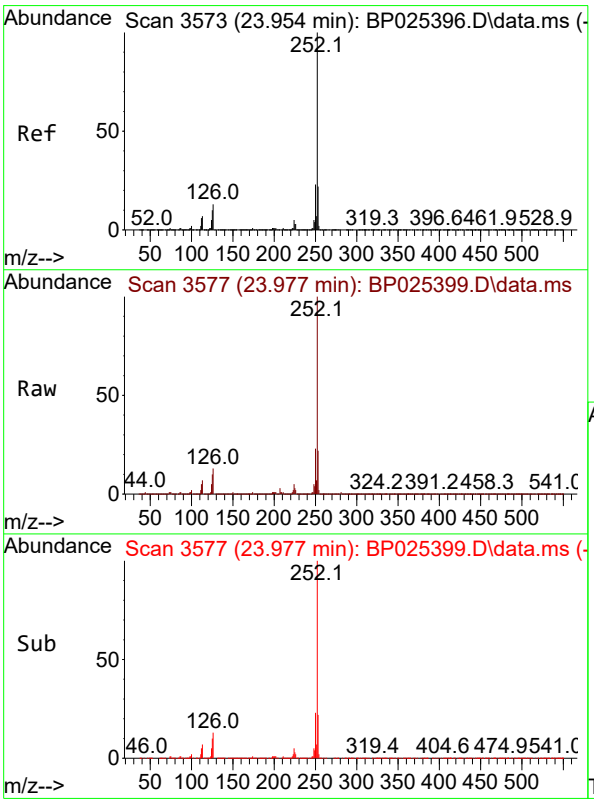
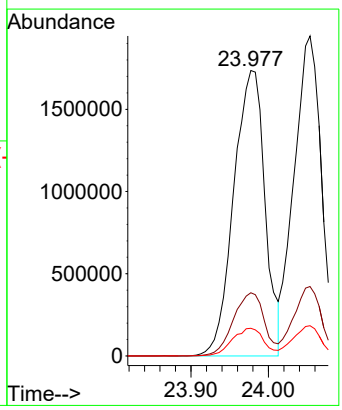
Supervised By :Jagrut Upadhyay 08/15/2025

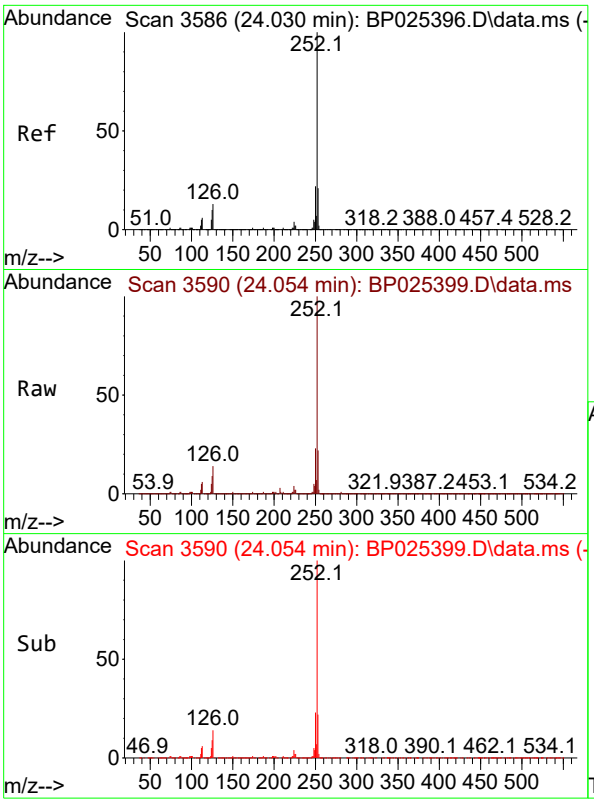


#88
Benzo(b)fluoranthene
Concen: 79.692 ng
RT: 23.977 min Scan# 3577
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

Manual Integrations
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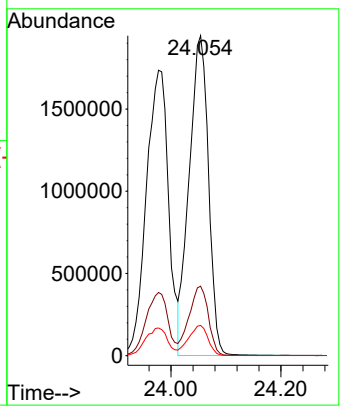
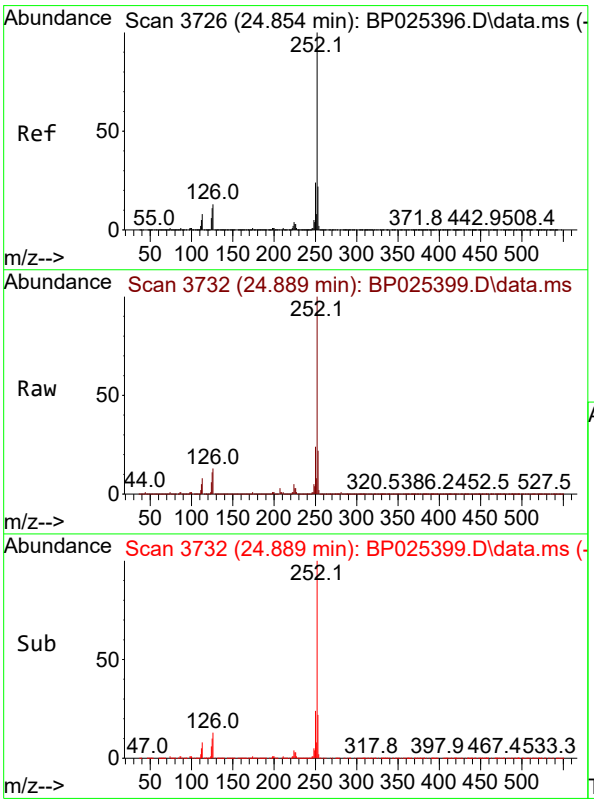
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

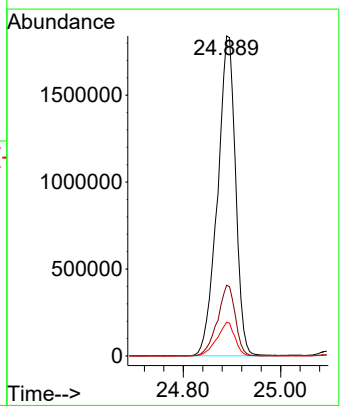


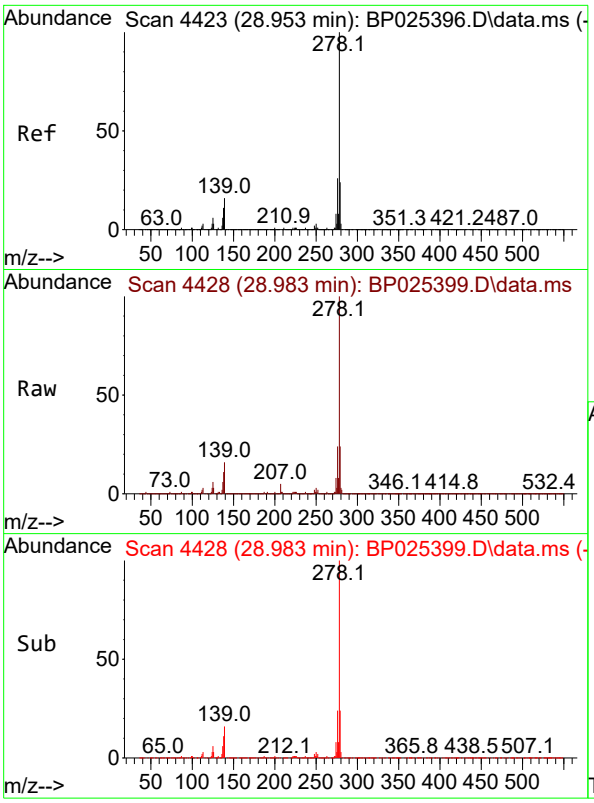


#90
Benzo(a)pyrene
Concen: 79.505 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.035 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

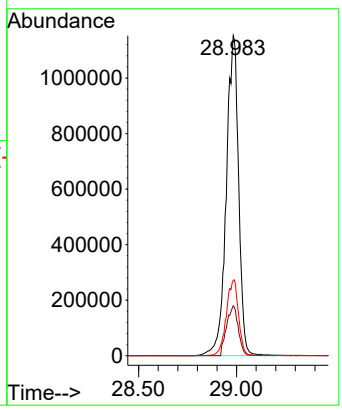




#91
Dibenzo(a,h)anthracene
Concen: 81.142 ng
RT: 28.983 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

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

Manual Integrations
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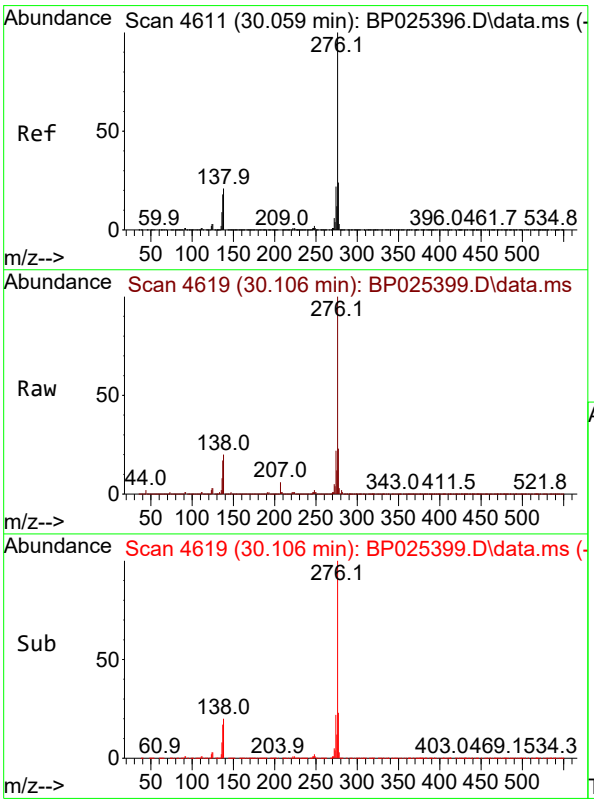
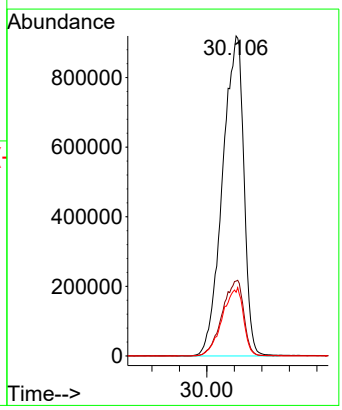
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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

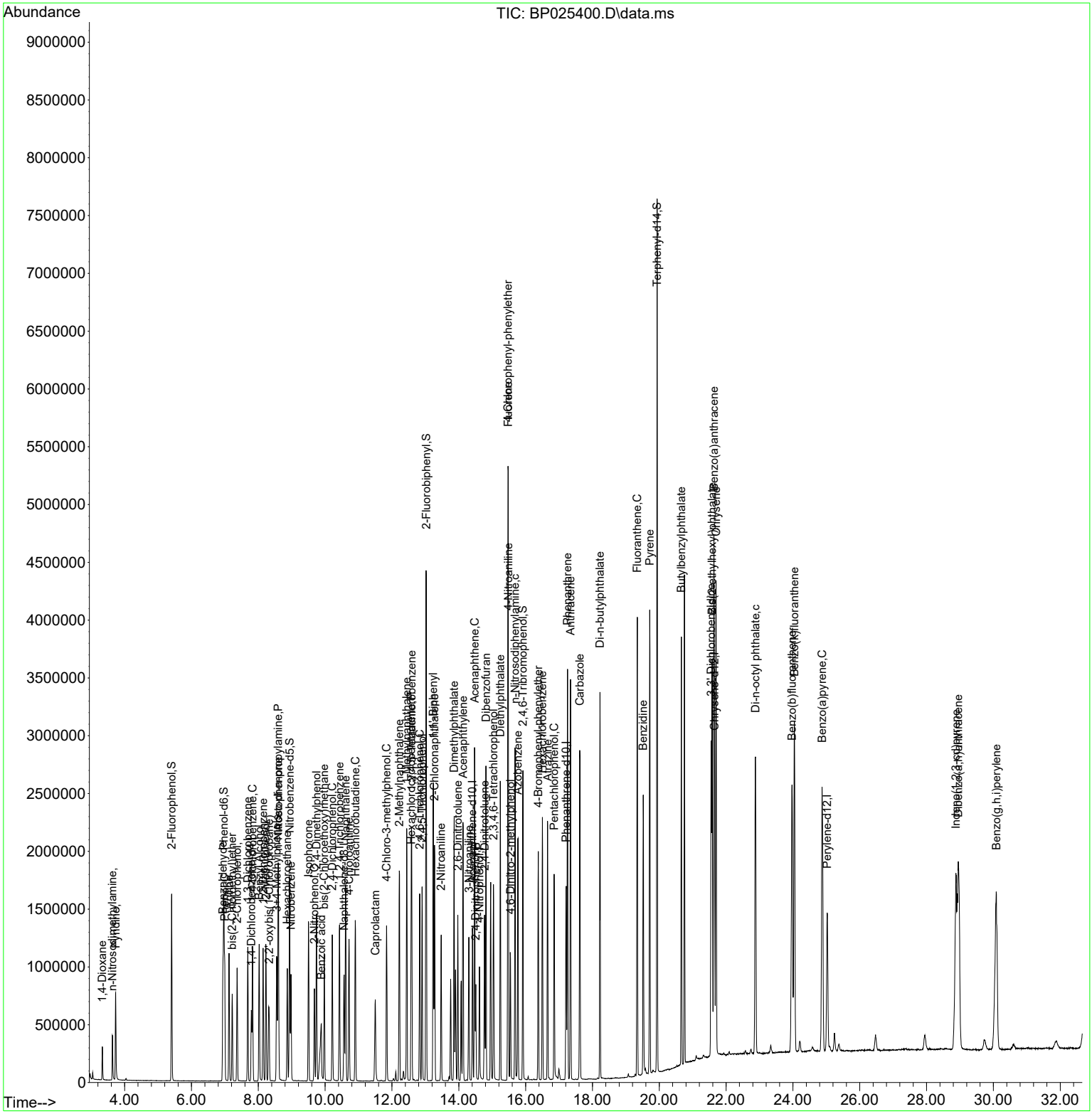
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

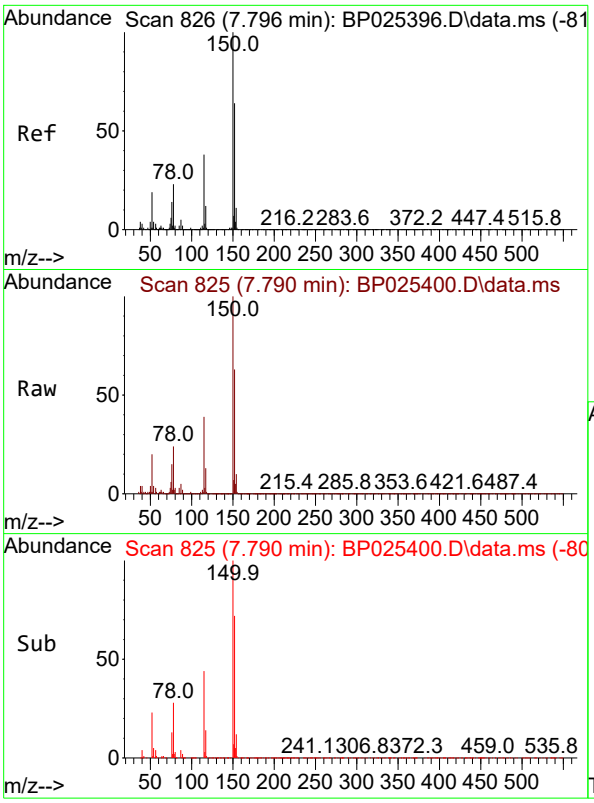
Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

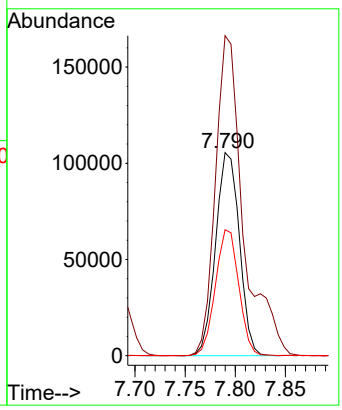




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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
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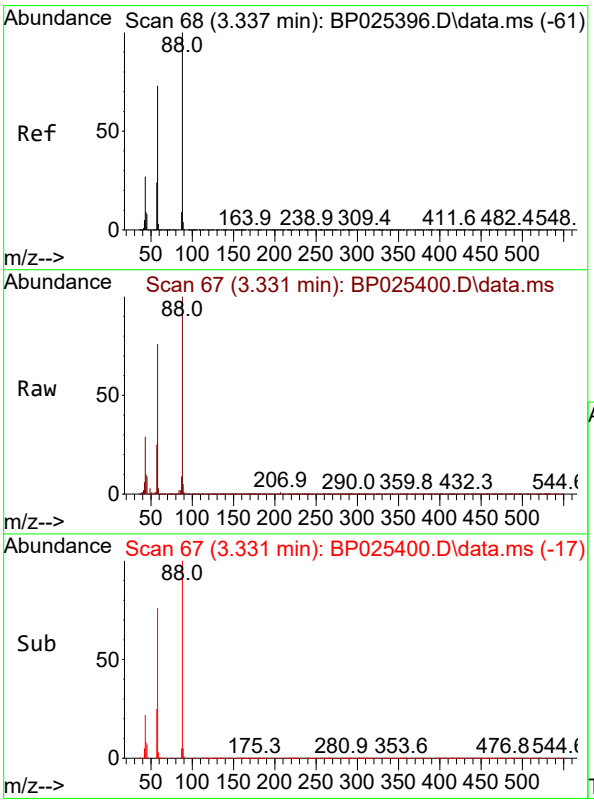
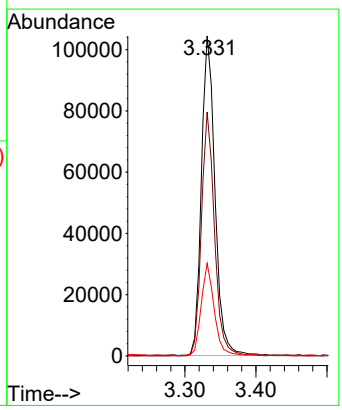
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

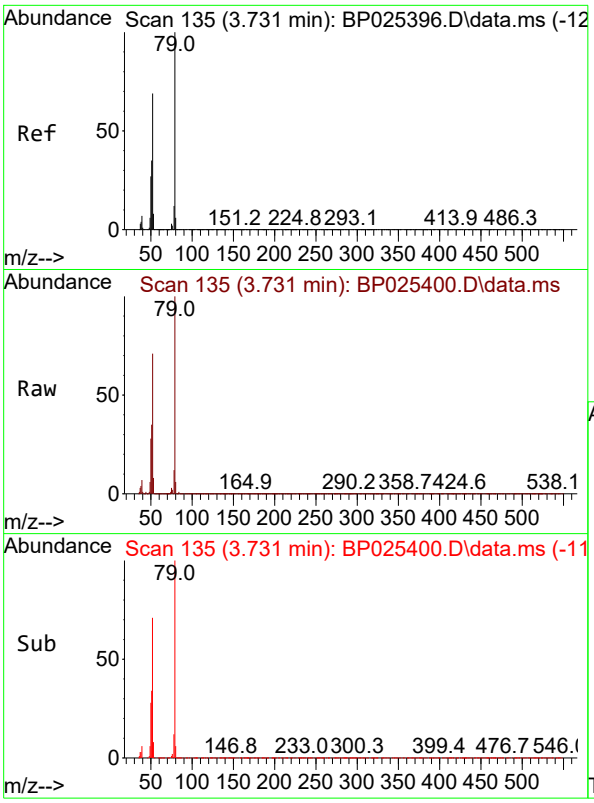


#2
1,4-Dioxane
Concen: 33.792 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

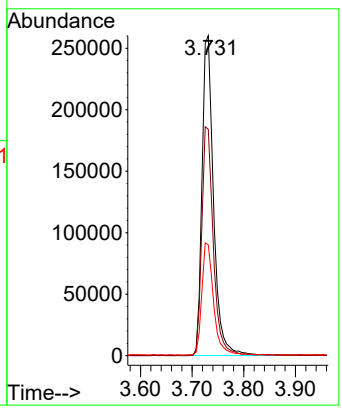




#3
Pyridine
Concen: 35.901 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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
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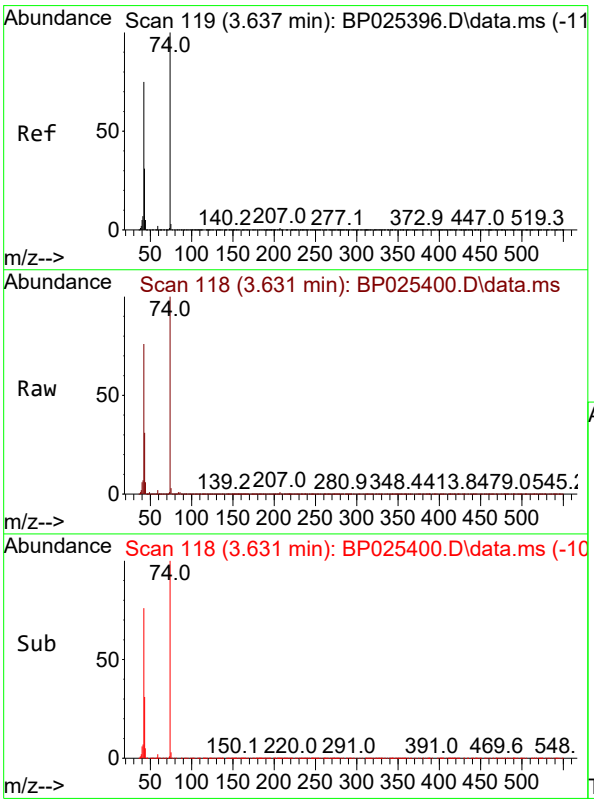
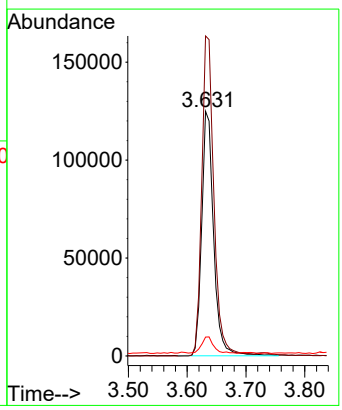
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

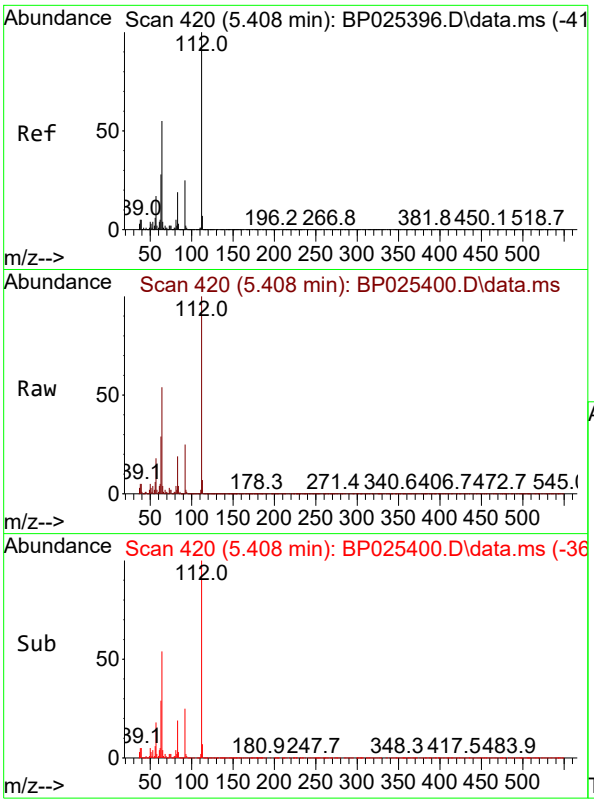


#4
n-Nitrosodimethylamine
Concen: 38.115 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

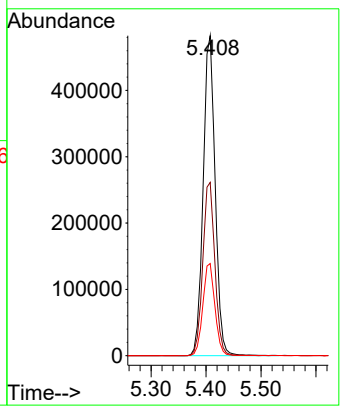




#5
2-Fluorophenol
Concen: 69.430 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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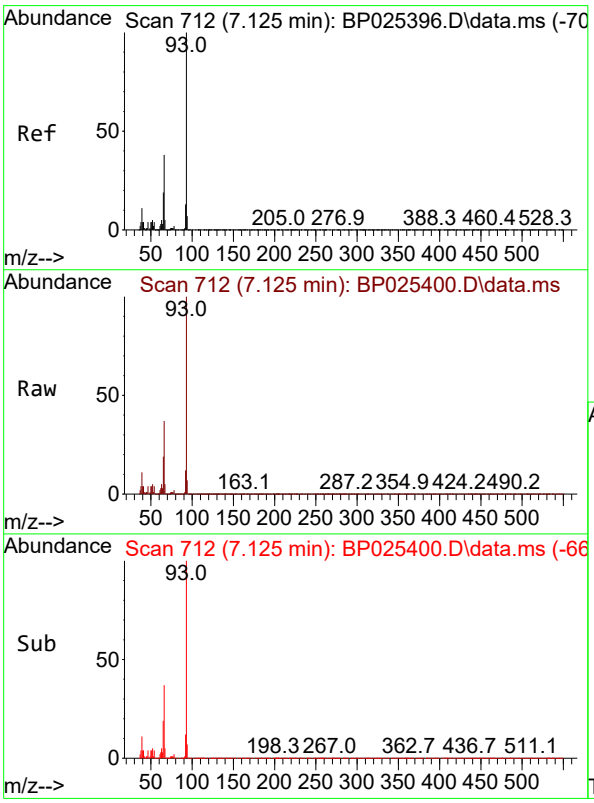
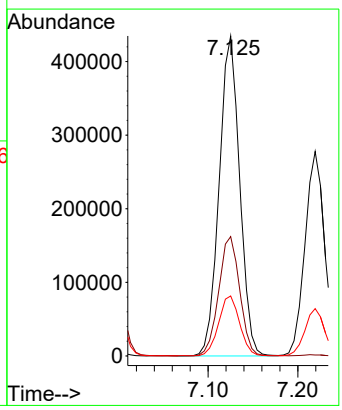
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

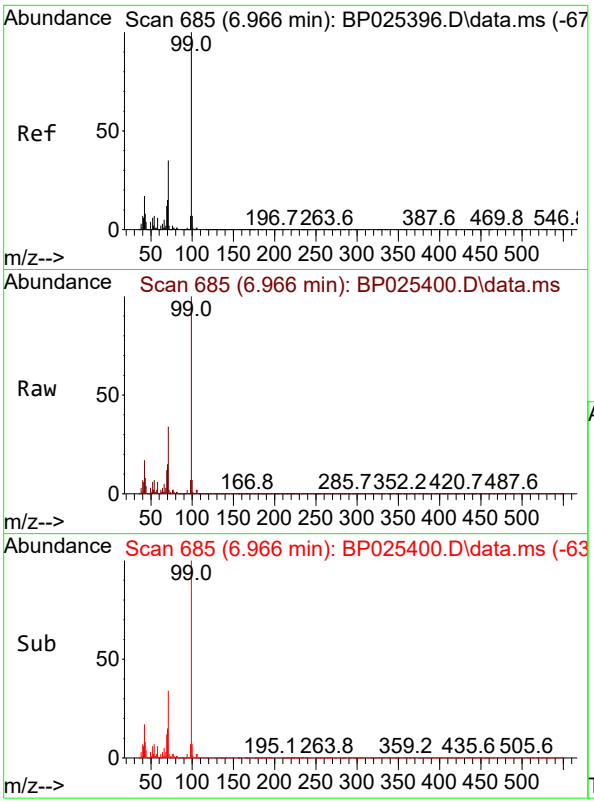


#6
Aniline
Concen: 38.147 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

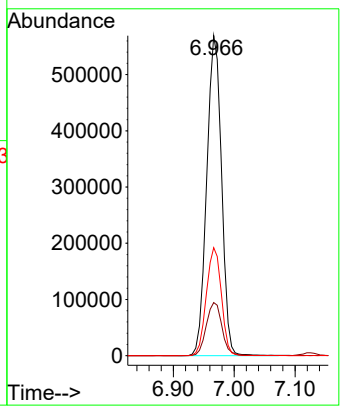




#7
Phenol-d6
Concen: 71.663 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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
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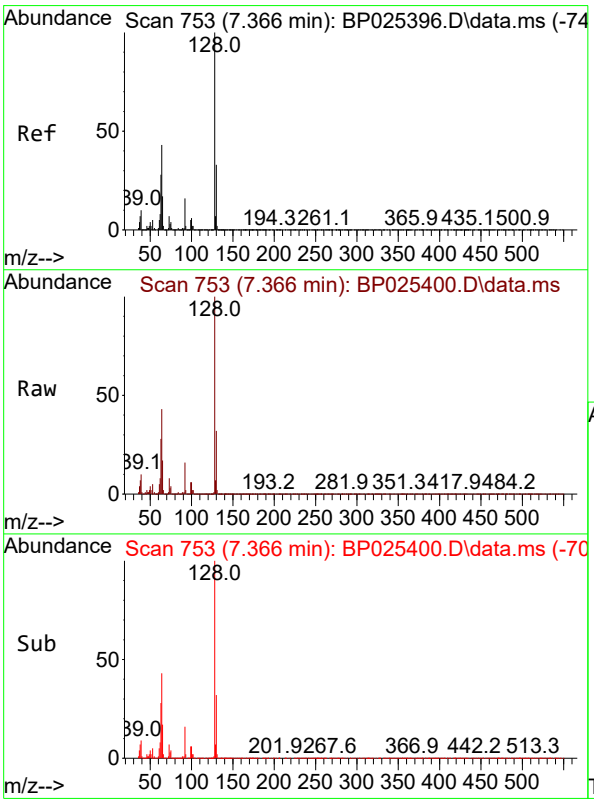
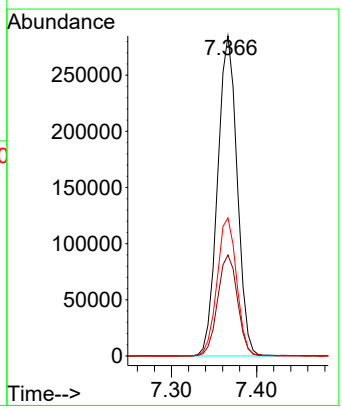
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

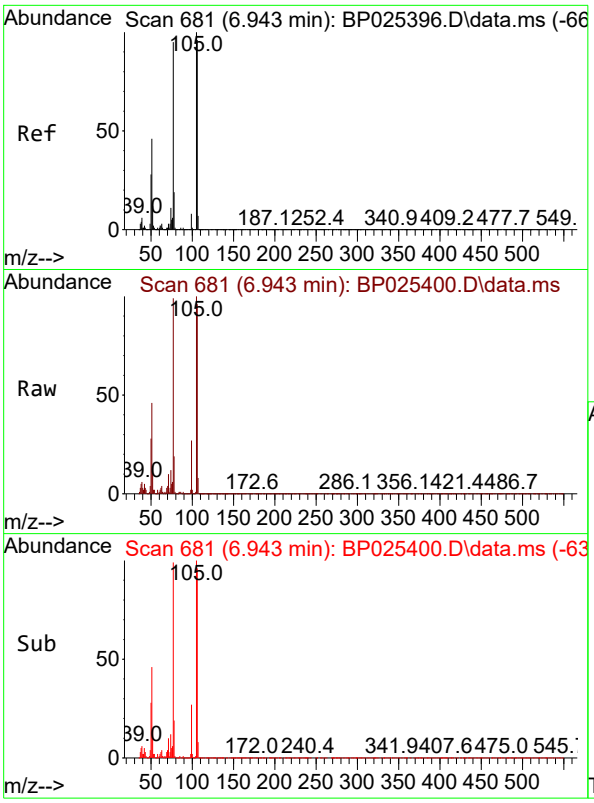


#8
2-Chlorophenol
Concen: 38.501 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

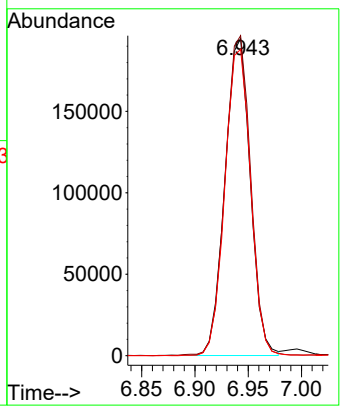




#9
Benzaldehyde
Concen: 34.142 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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
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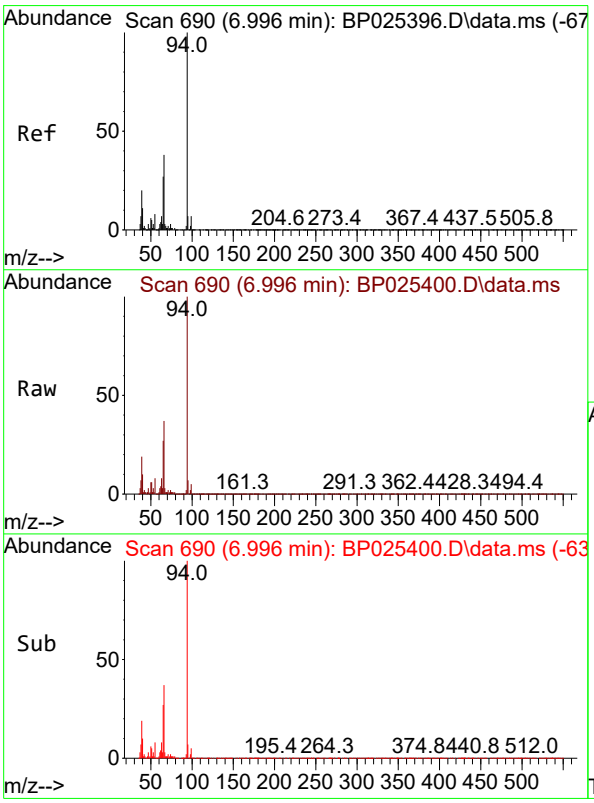
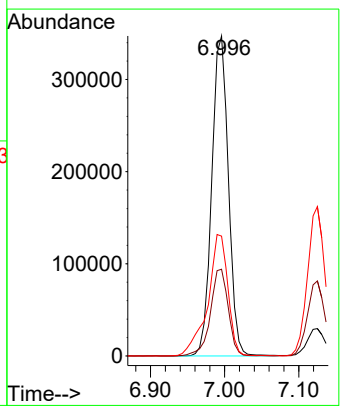
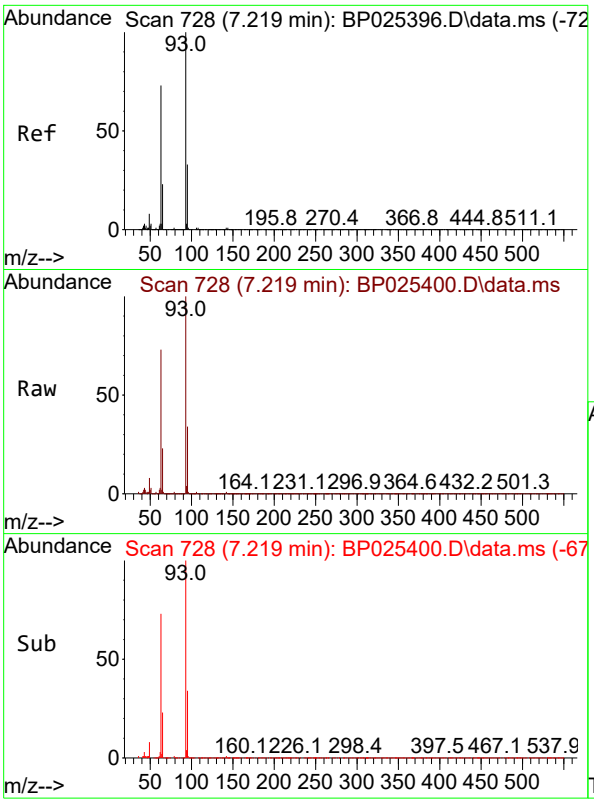


#10
Phenol
Concen: 38.388 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

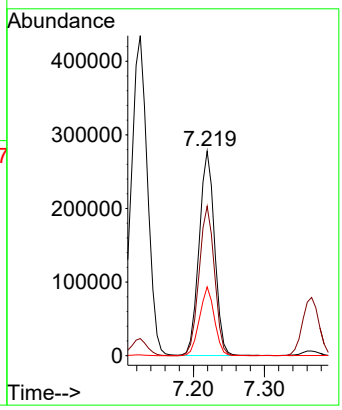




#11
bis(2-Chloroethyl)ether
Concen: 38.348 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
ICVBP081425

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
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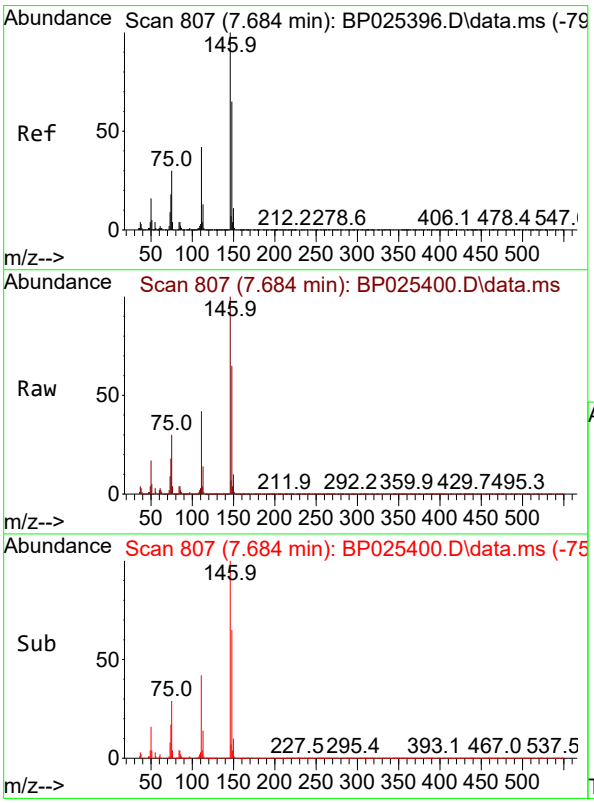
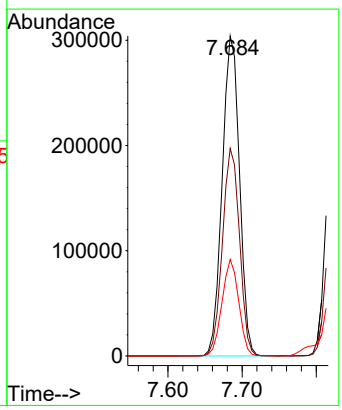
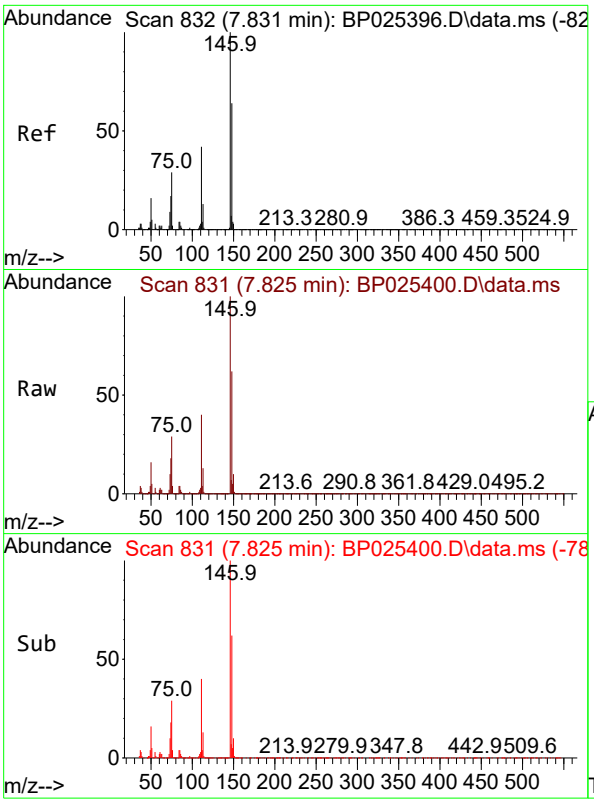


#12
1,3-Dichlorobenzene
Concen: 37.738 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

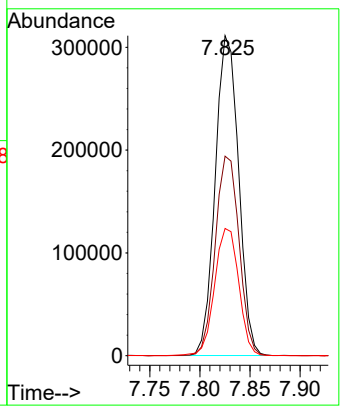




#13
1,4-Dichlorobenzene
Concen: 37.890 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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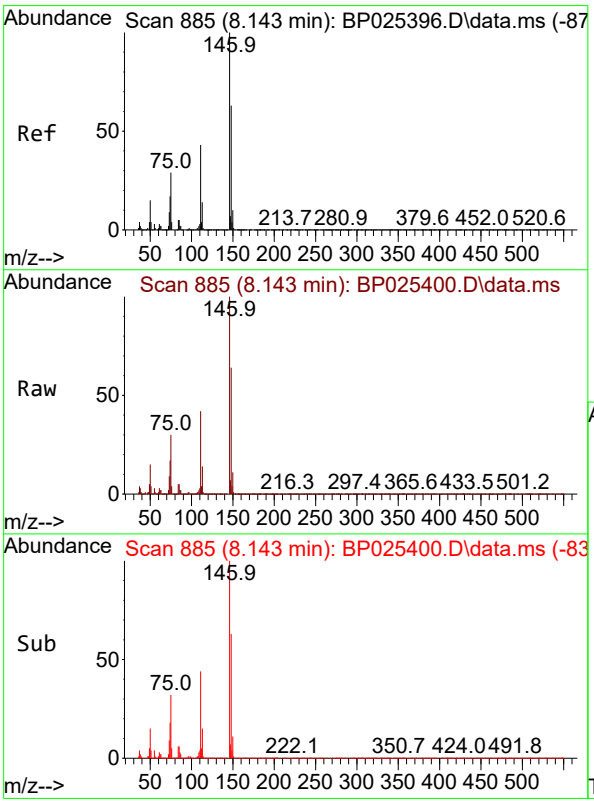
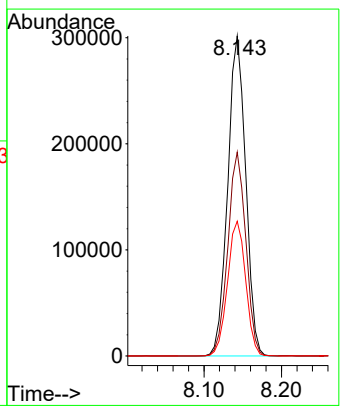
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

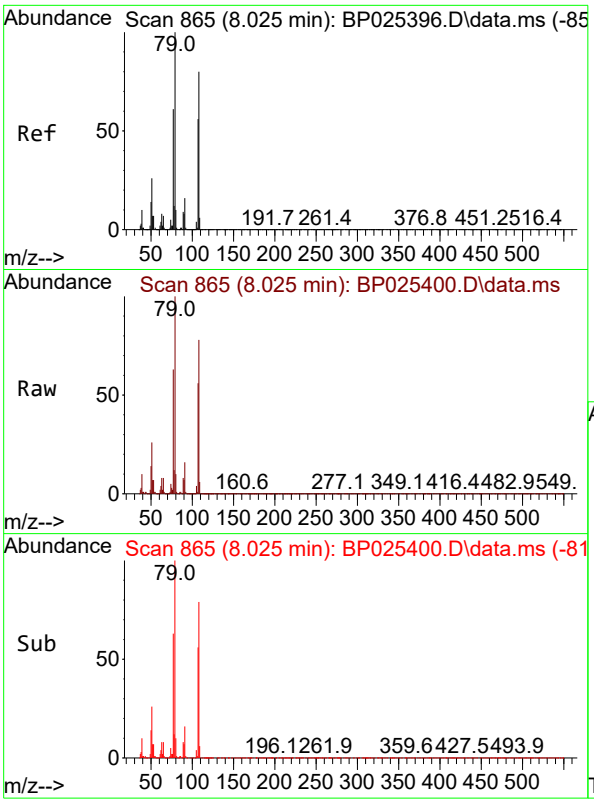


#14
1,2-Dichlorobenzene
Concen: 37.818 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

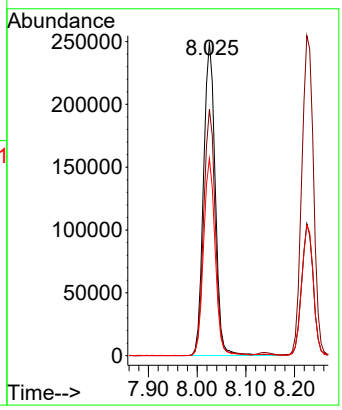




#15
Benzyl Alcohol
Concen: 39.025 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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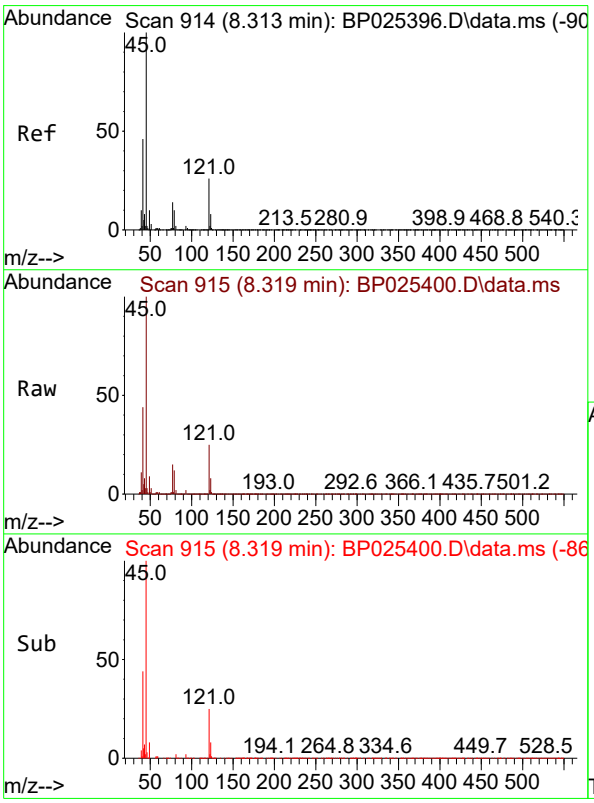
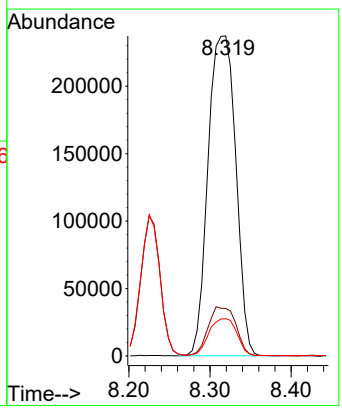
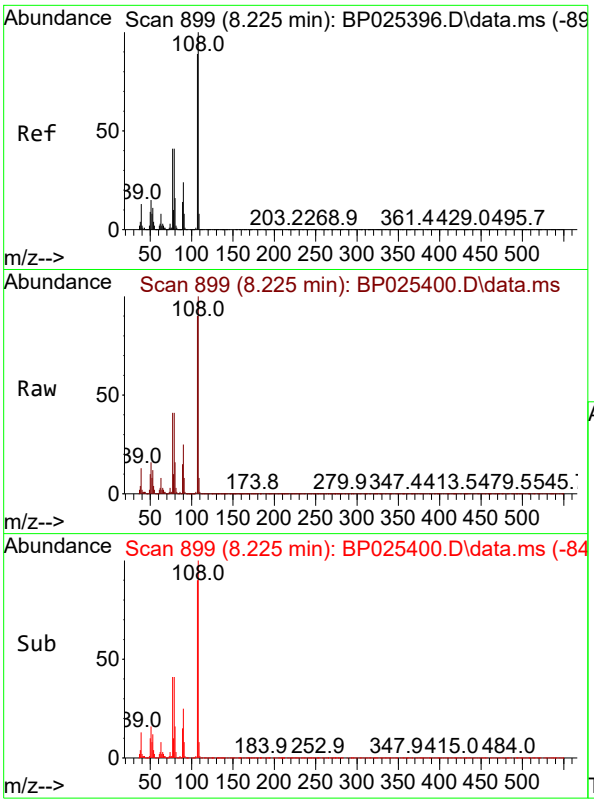


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.271 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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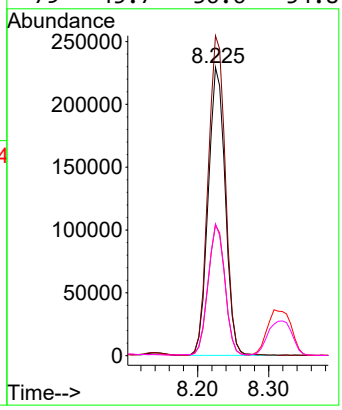
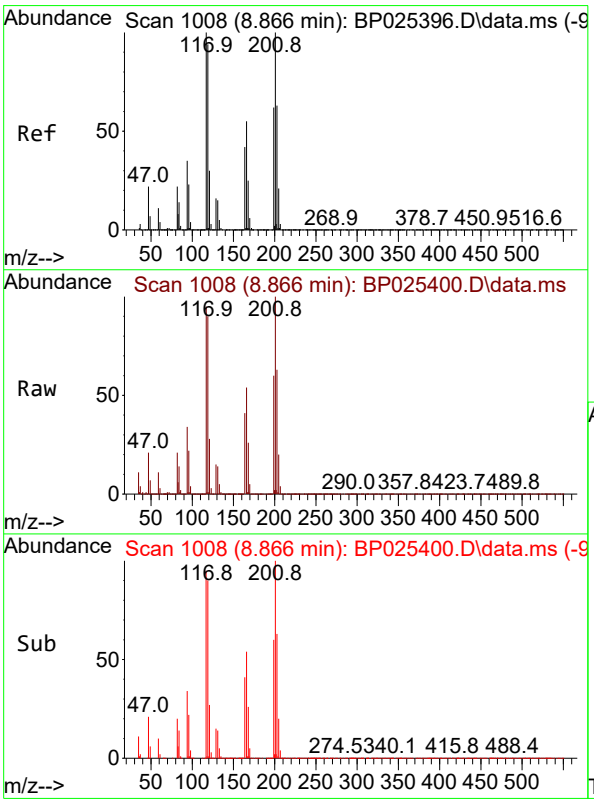
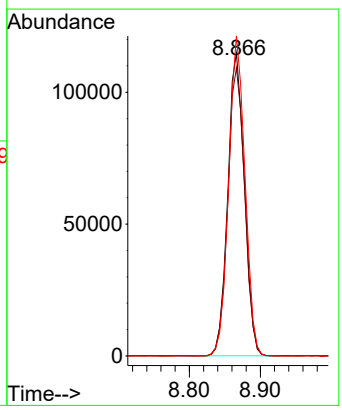


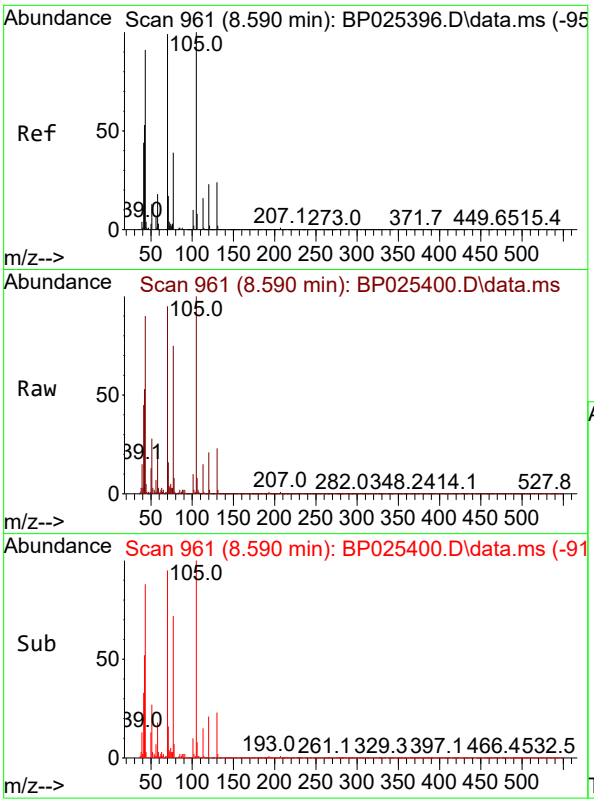


#18
Hexachloroethane
Concen: 38.103 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

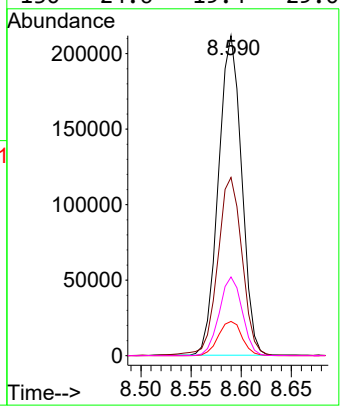




#19
n-Nitroso-di-n-propylamine
Concen: 38.270 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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



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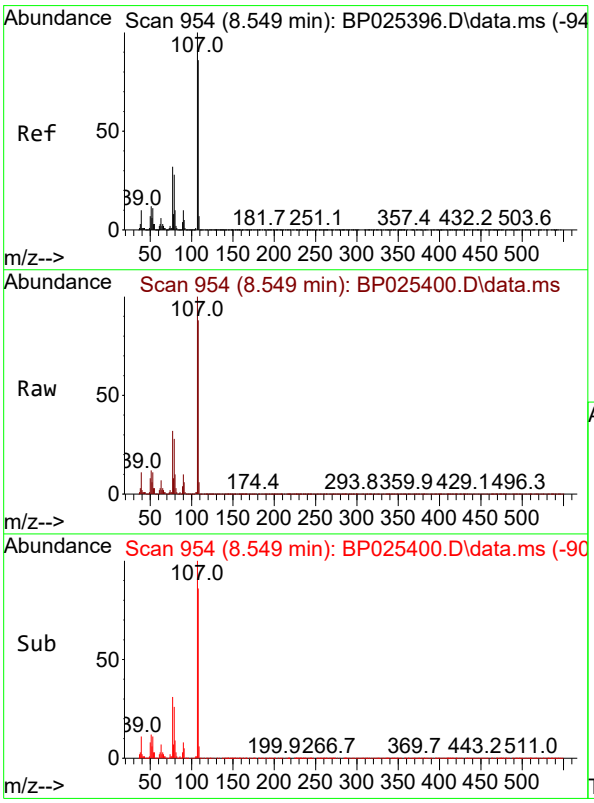
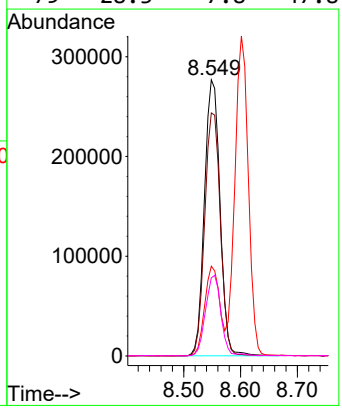
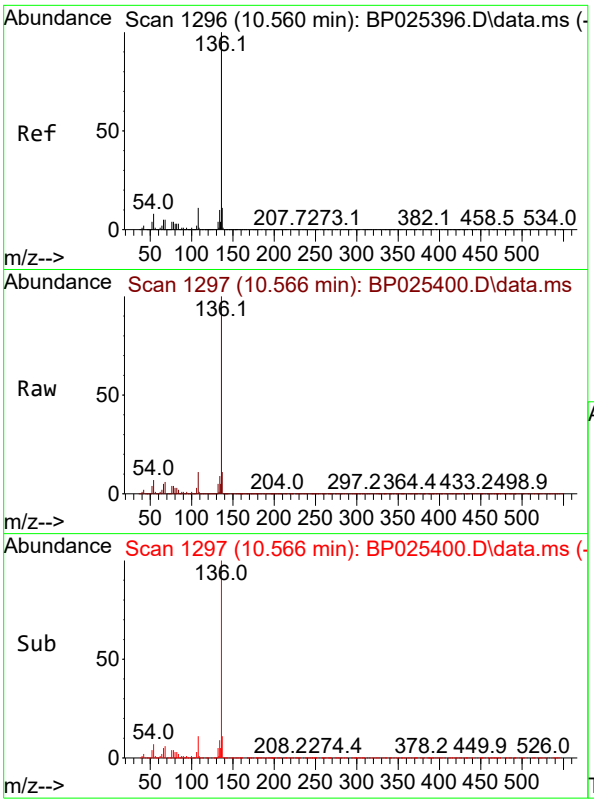


#20
3+4-Methylphenols
Concen: 38.620 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

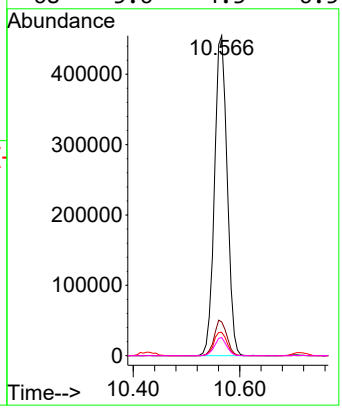




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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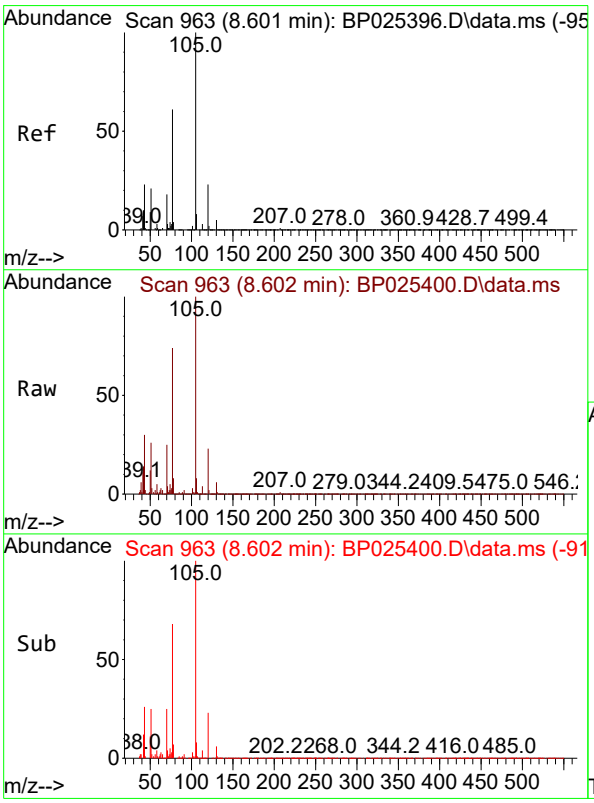
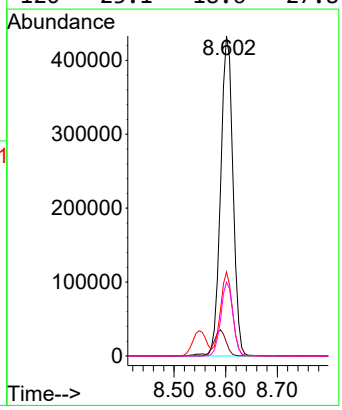
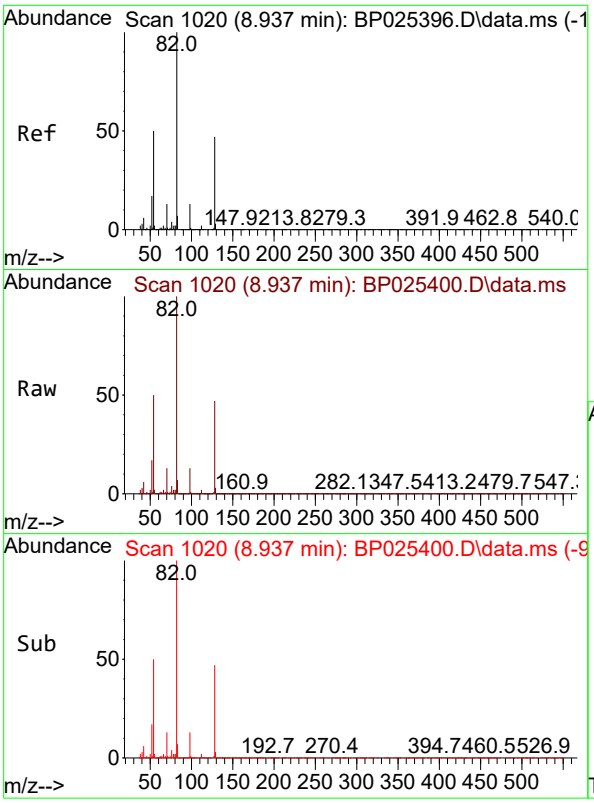


#22
Acetophenone
Concen: 38.216 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

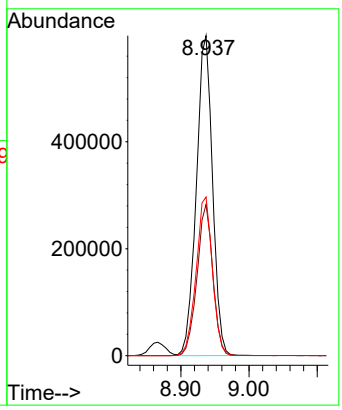




#23
Nitrobenzene-d5
Concen: 66.391 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
BNA_P
ClientSampleId :
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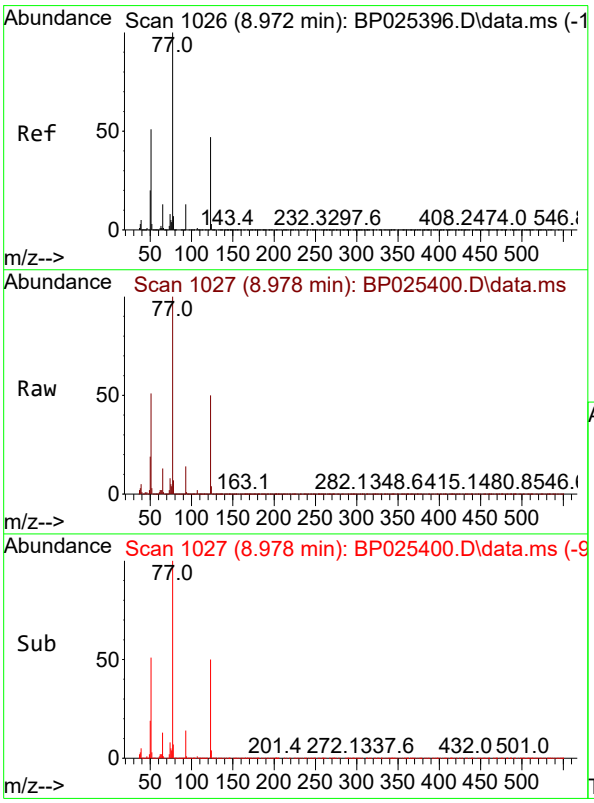
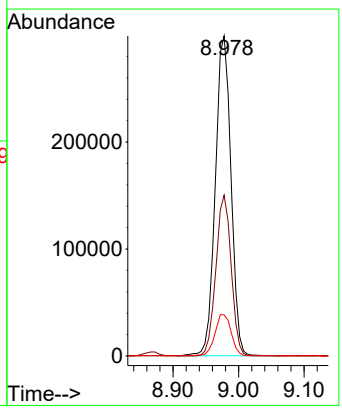
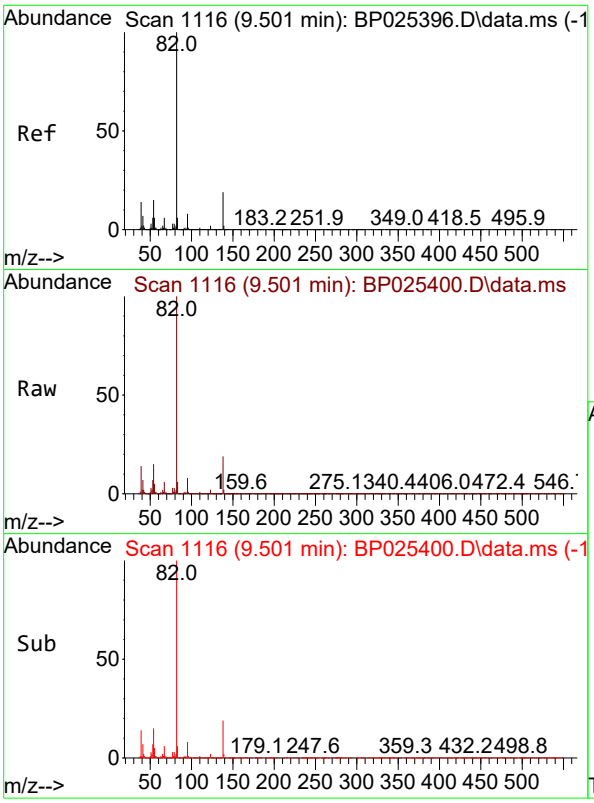


#24
Nitrobenzene
Concen: 37.313 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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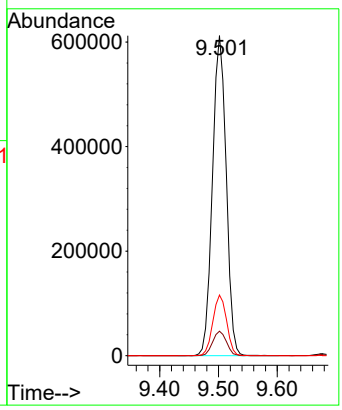
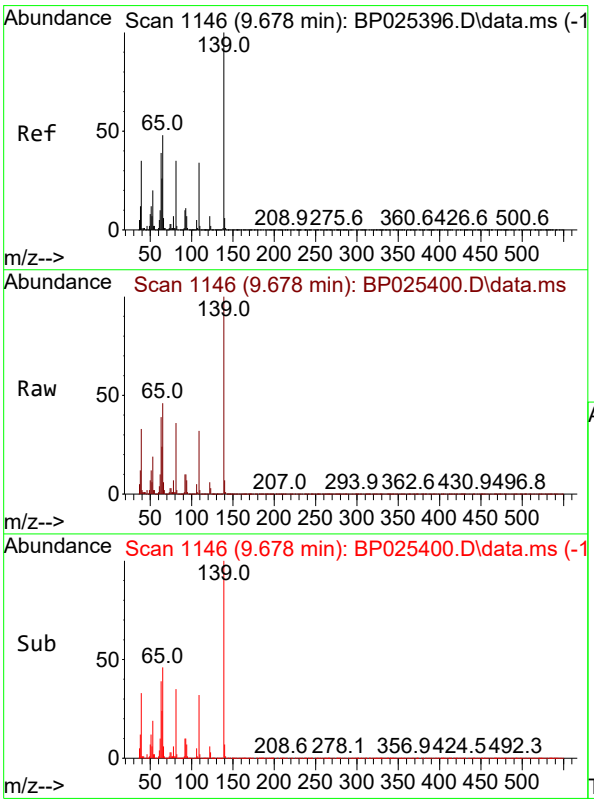
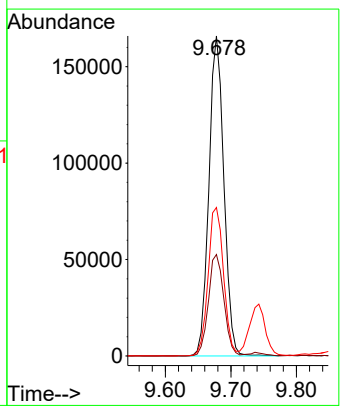


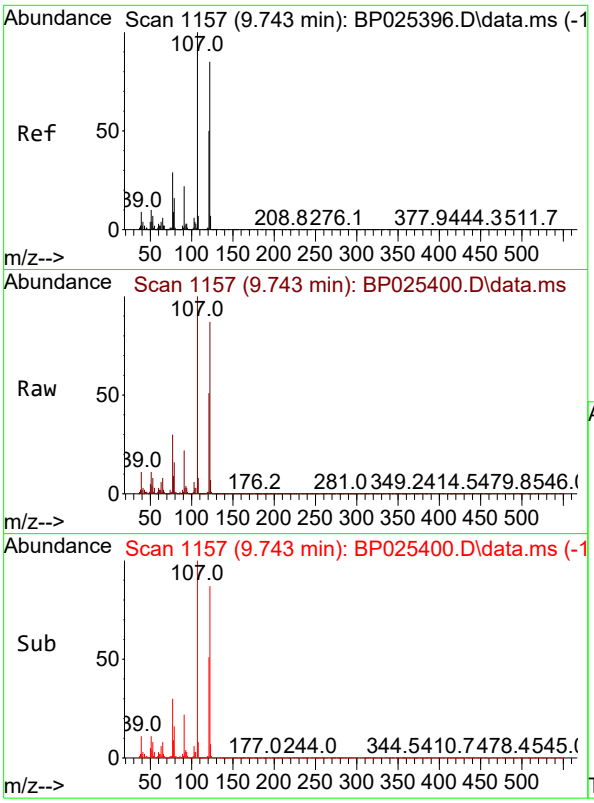


#26
2-Nitrophenol
Concen: 38.722 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

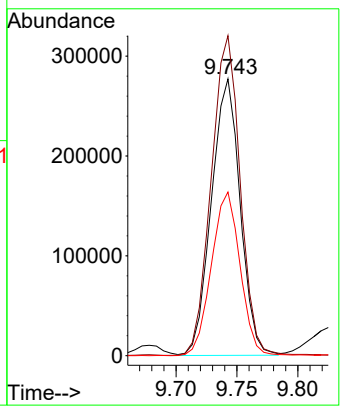




#27
2,4-Dimethylphenol
Concen: 38.910 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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ClientSampleId :
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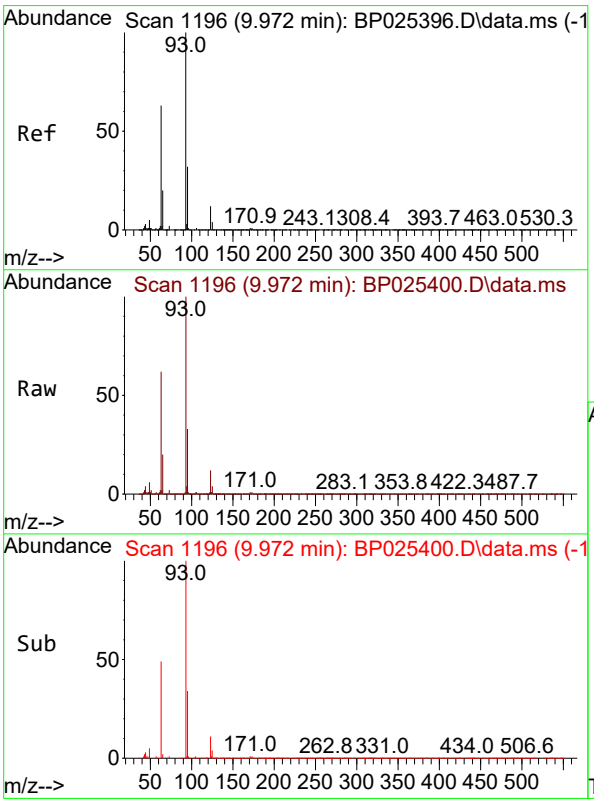
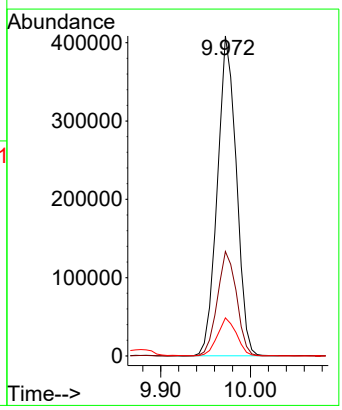
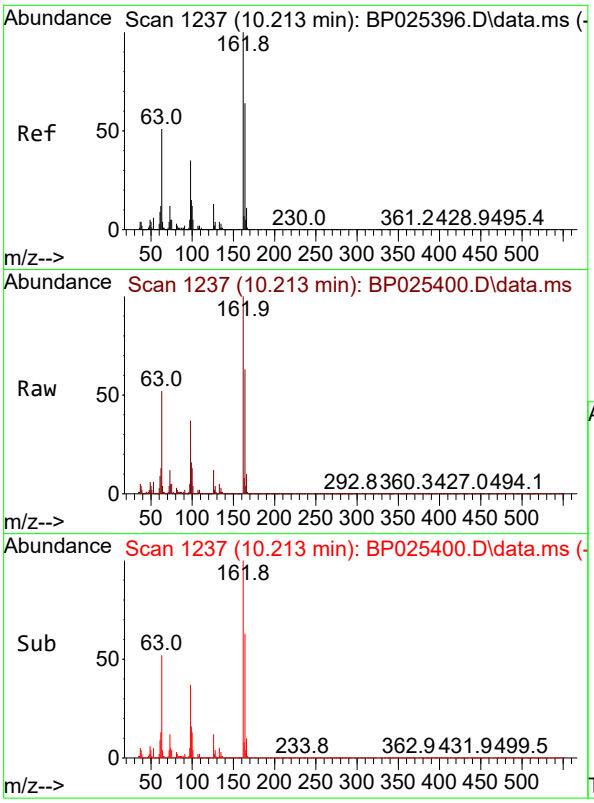


#28
bis(2-Chloroethoxy)methane
Concen: 37.816 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

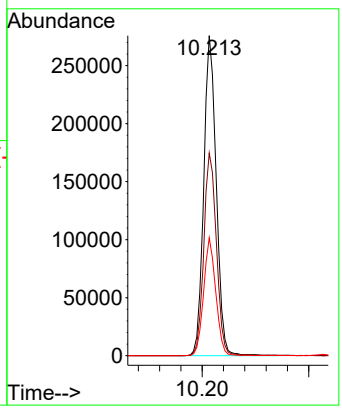




#29
2,4-Dichlorophenol
Concen: 38.649 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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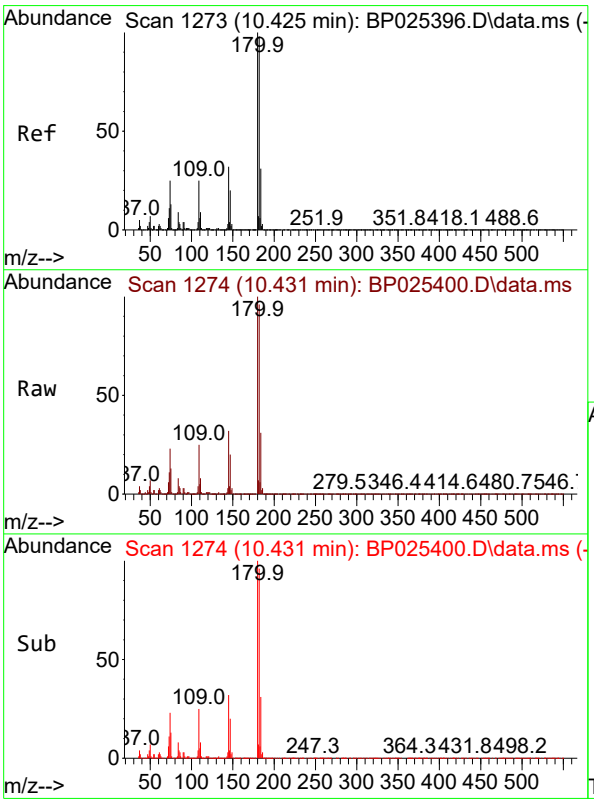
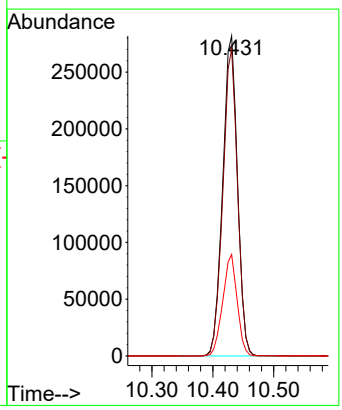
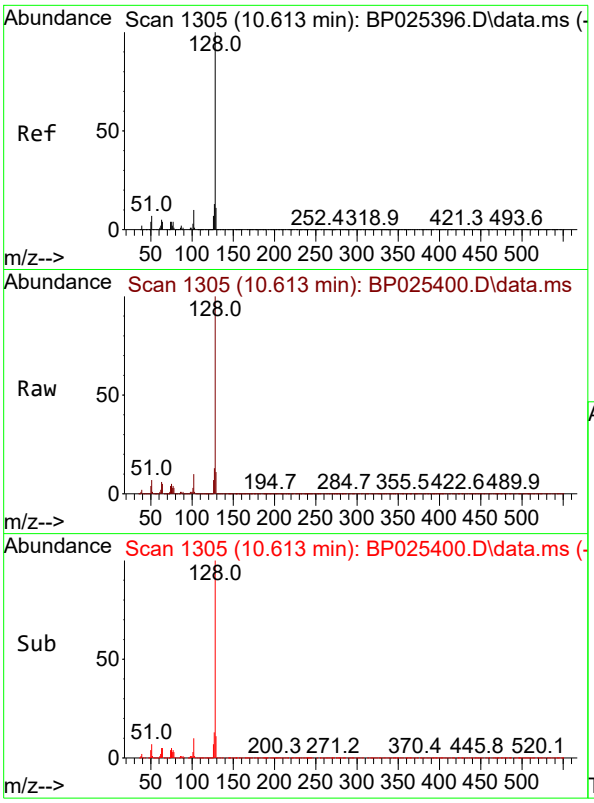


#30
1,2,4-Trichlorobenzene
Concen: 37.231 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

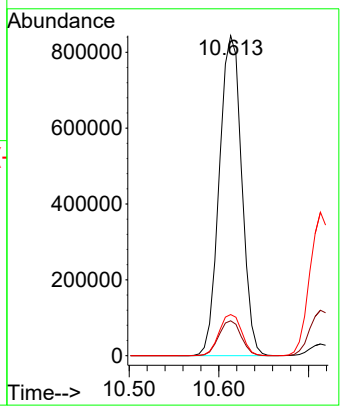




#31
Naphthalene
Concen: 37.431 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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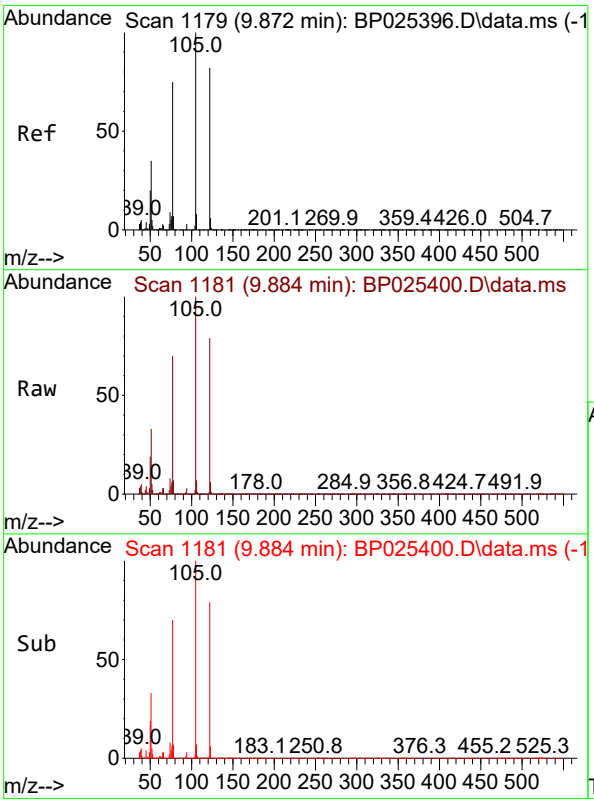
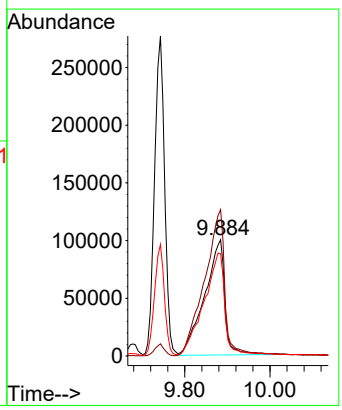
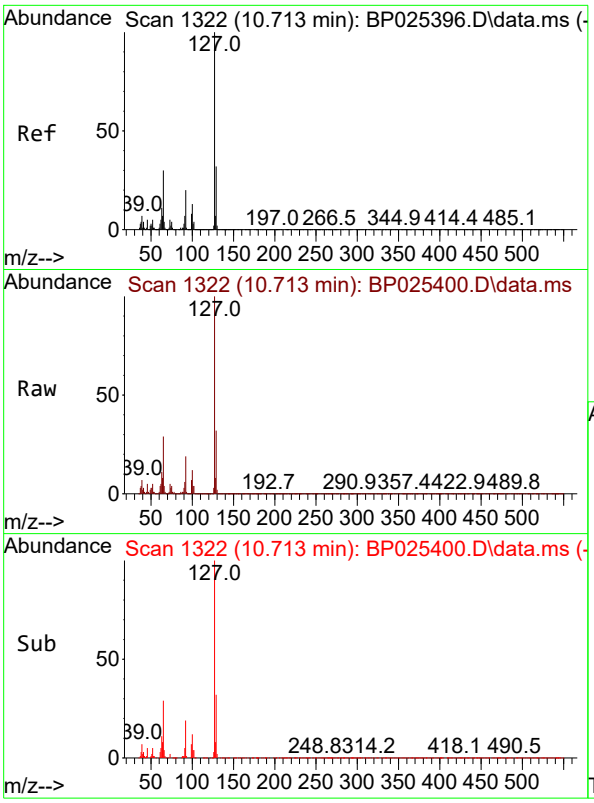


#32
Benzoic acid
Concen: 38.242 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

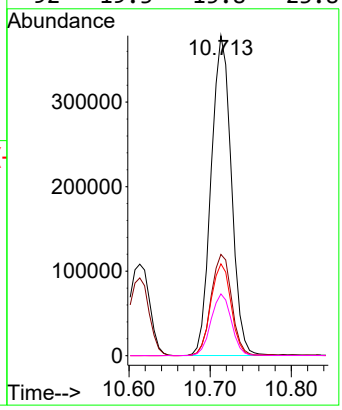




#33
4-Chloroaniline
Concen: 38.043 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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



Instrument :
BNA_P
ClientSampleId :
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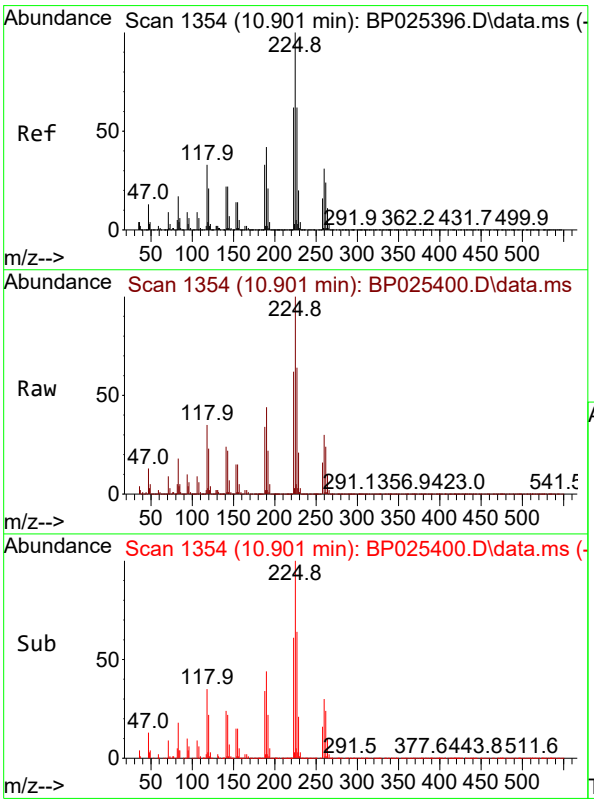
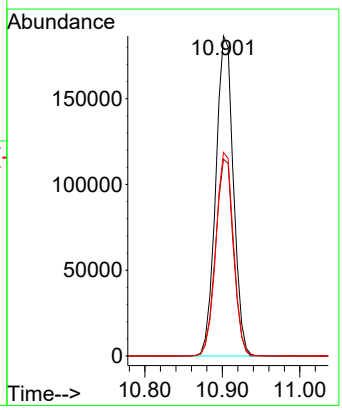
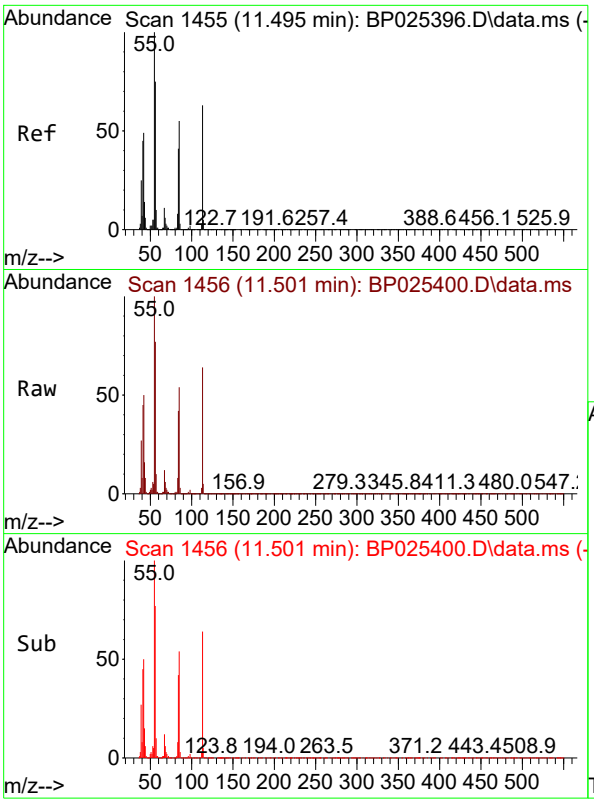


#34
Hexachlorobutadiene
Concen: 37.031 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

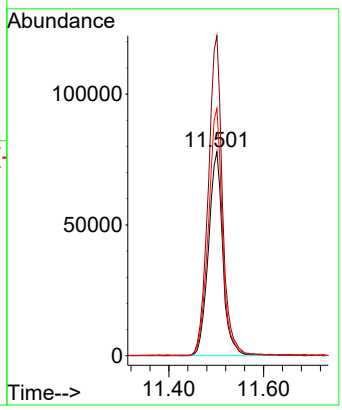




#35
Caprolactam
Concen: 38.310 ng
RT: 11.501 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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ClientSampleId :
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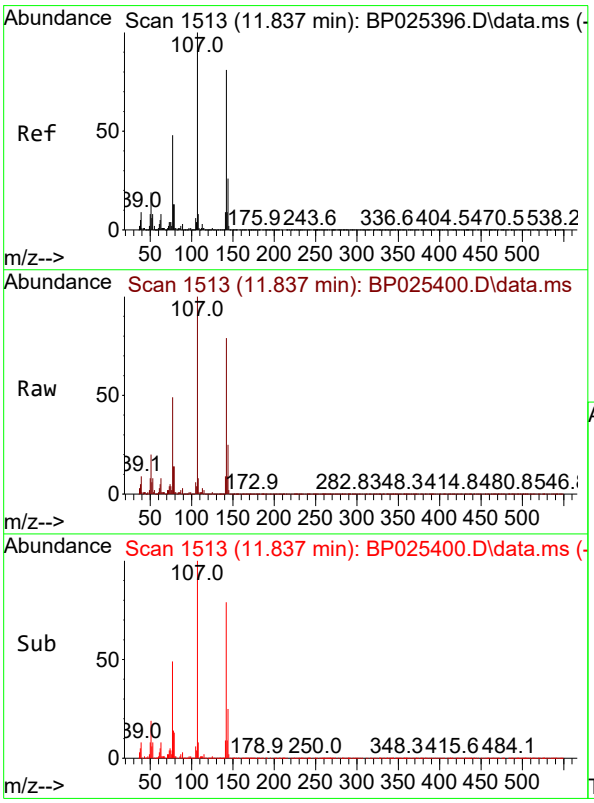
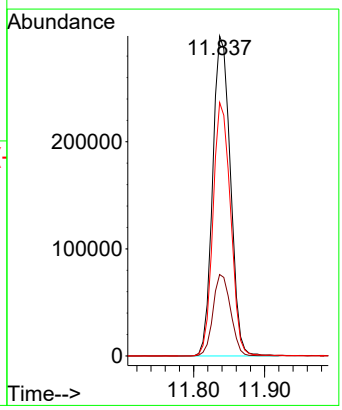
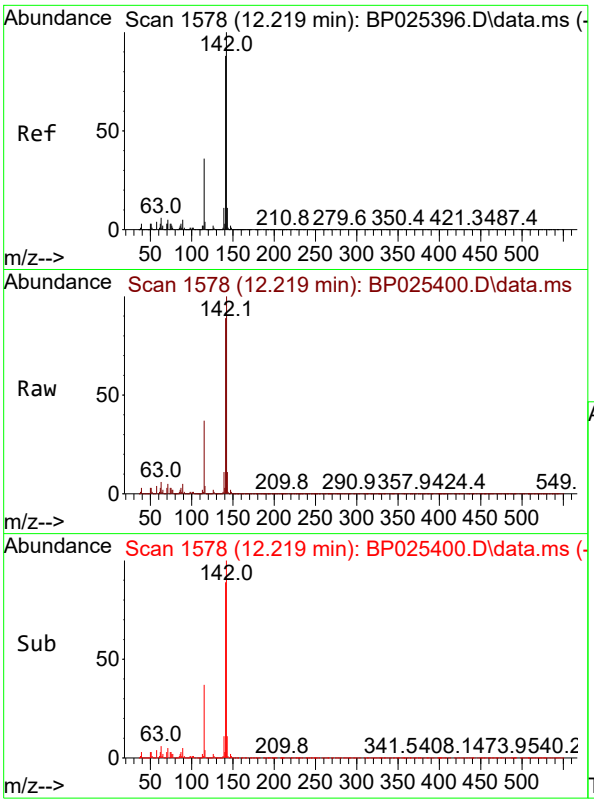


#36
4-Chloro-3-methylphenol
Concen: 38.789 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

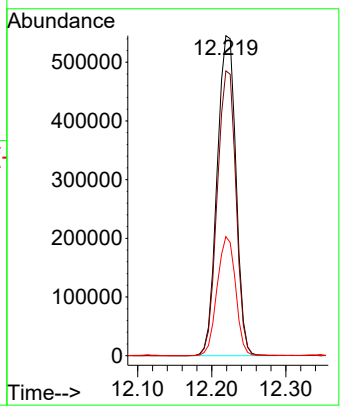




#37
2-Methylnaphthalene
Concen: 37.845 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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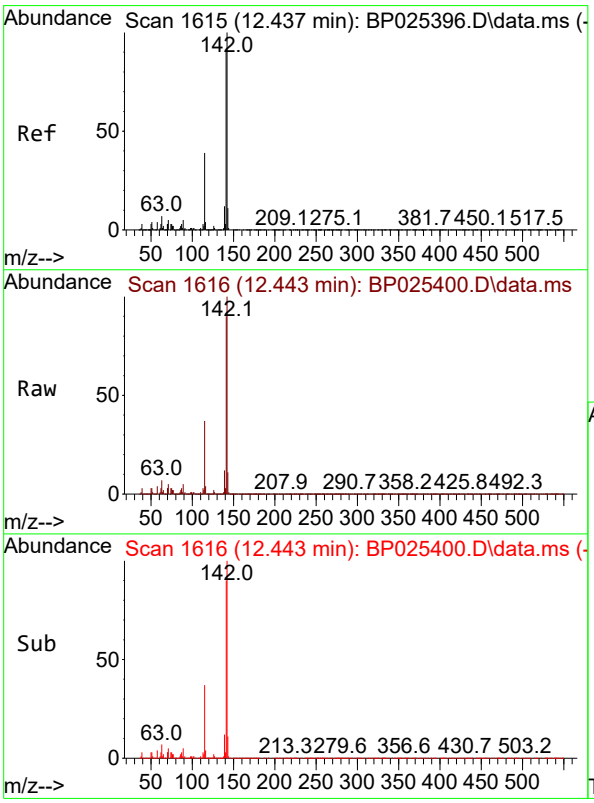
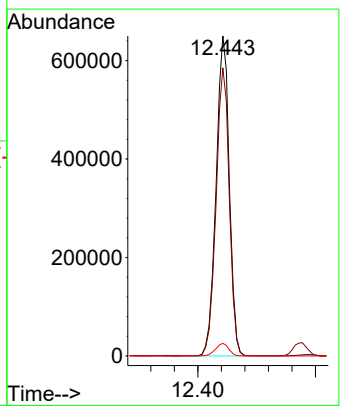
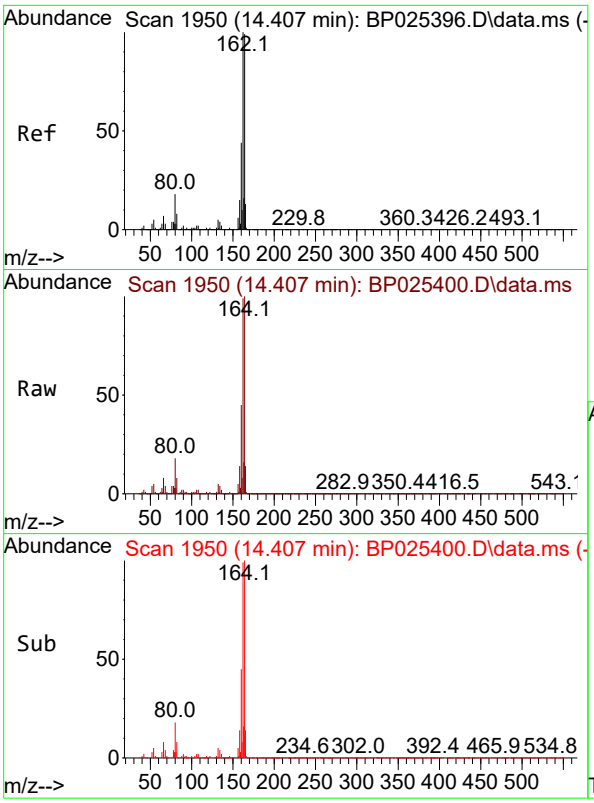


#38
1-Methylnaphthalene
Concen: 37.539 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

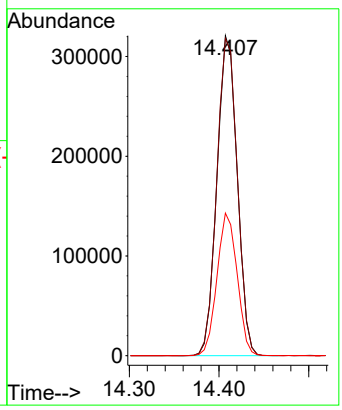




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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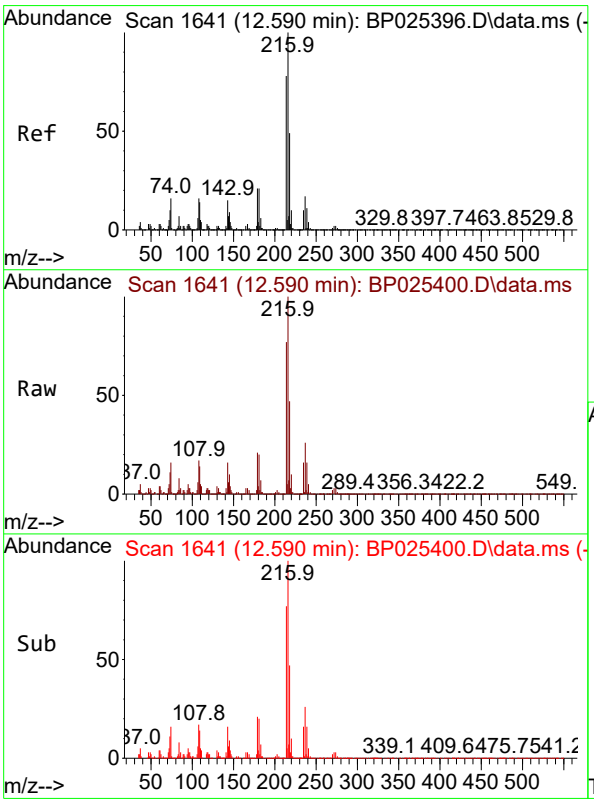
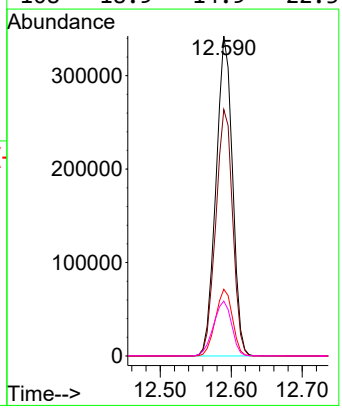
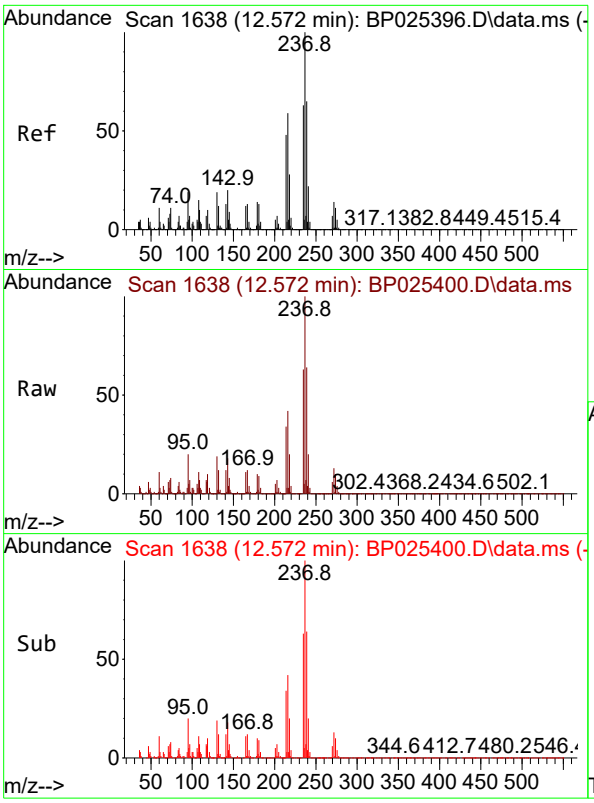


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.895 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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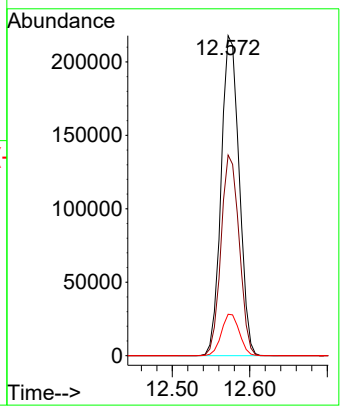
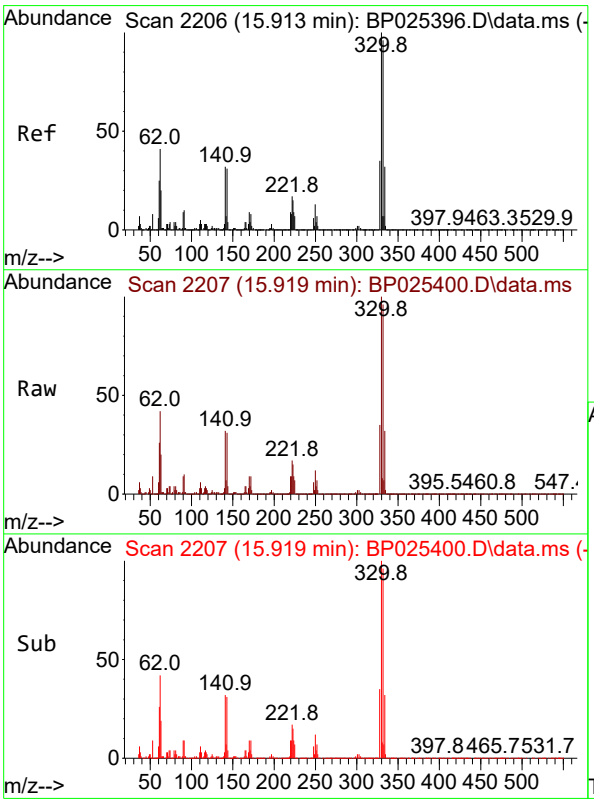
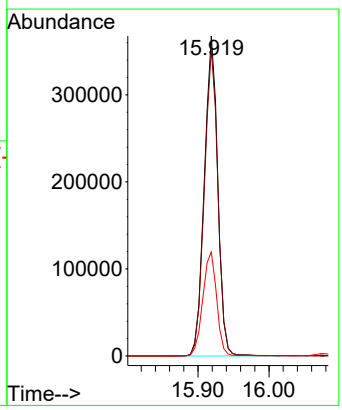


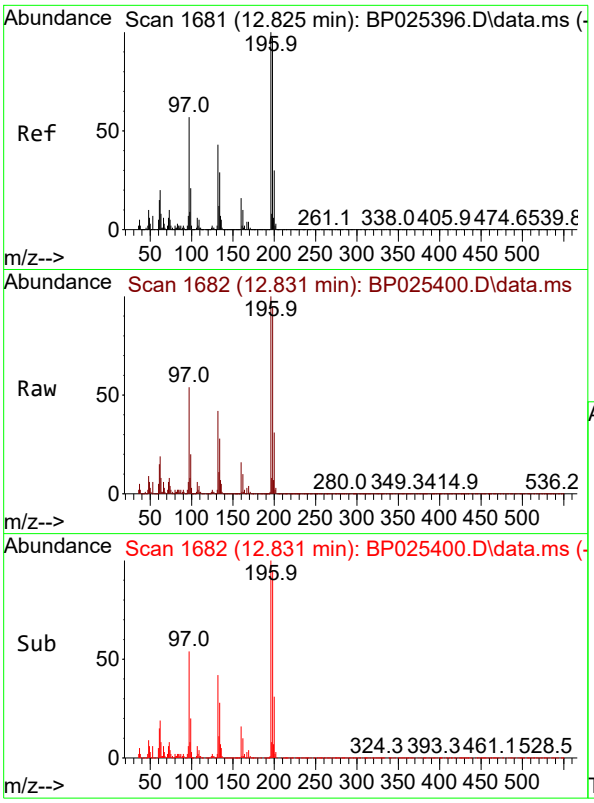


#42
2,4,6-Tribromophenol
Concen: 71.582 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

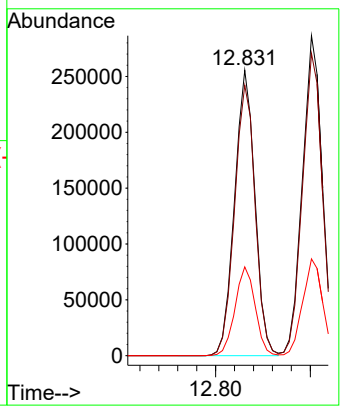




#43
2,4,6-Trichlorophenol
Concen: 38.972 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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ClientSampleId :
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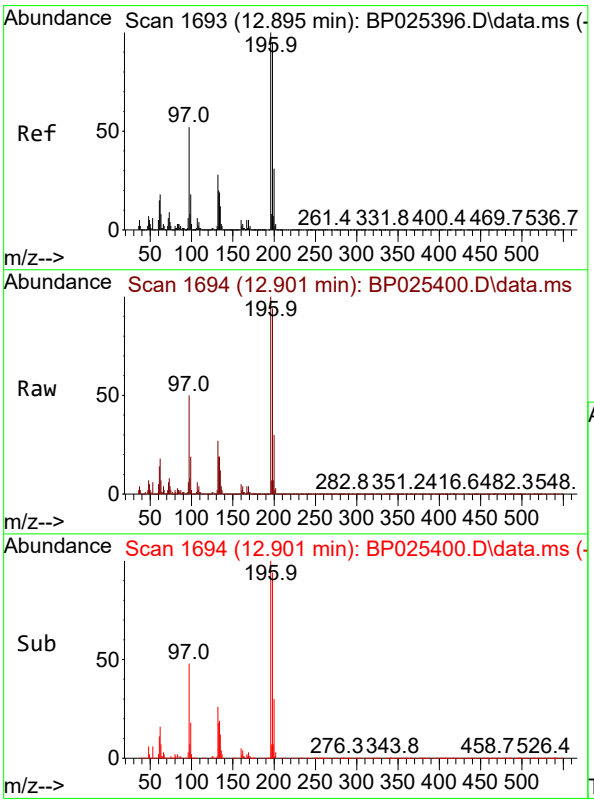
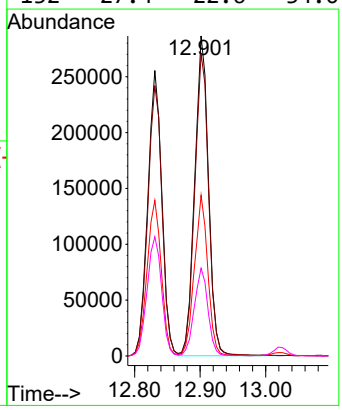
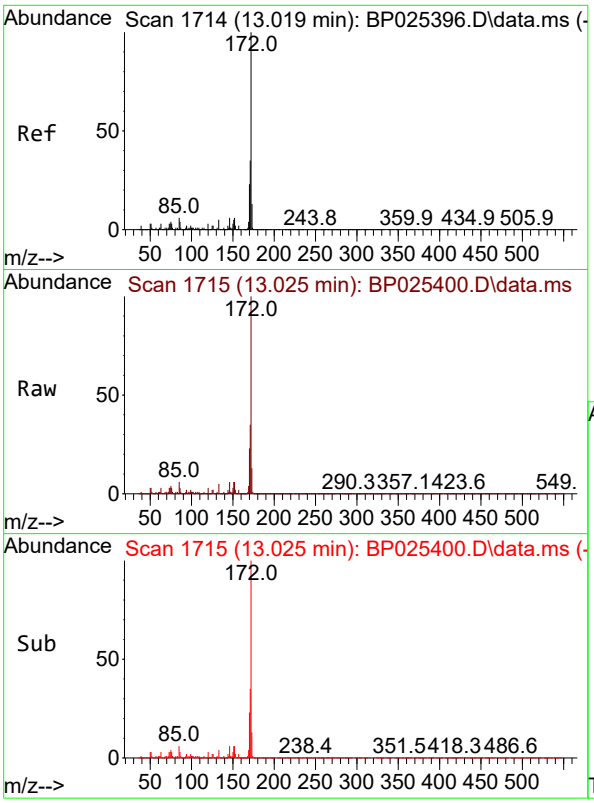


#44
2,4,5-Trichlorophenol
Concen: 39.108 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

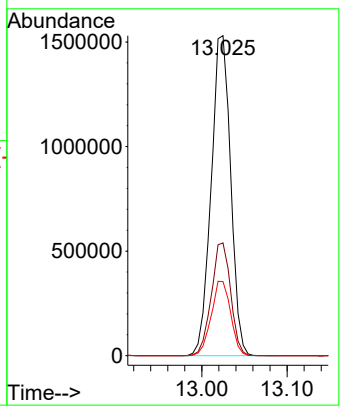




#45
2-Fluorobiphenyl
Concen: 66.016 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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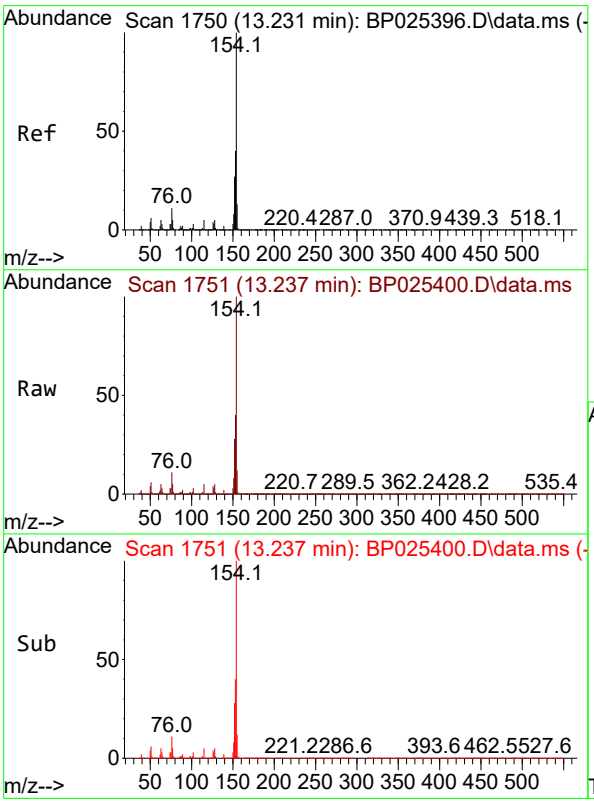
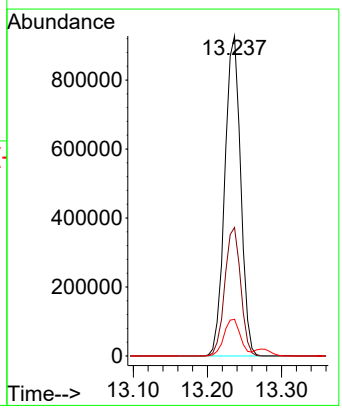
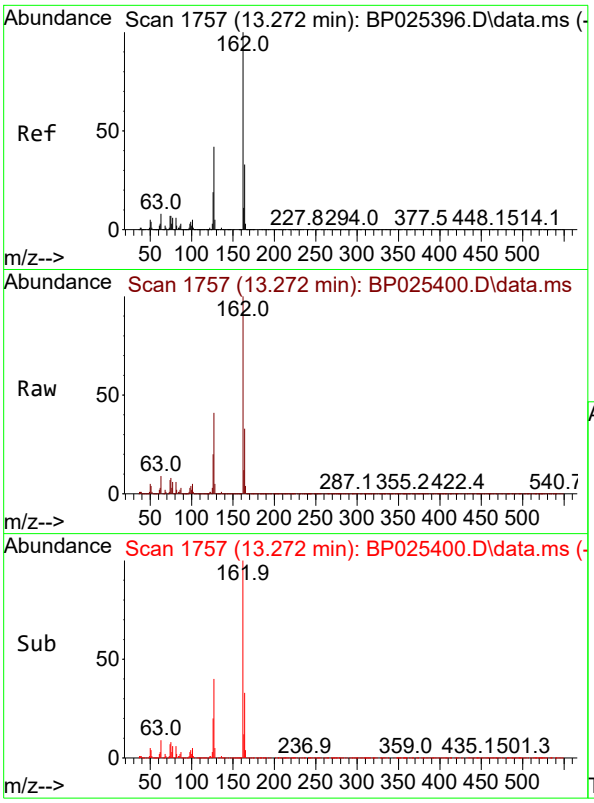


#46
1,1'-Biphenyl
Concen: 37.672 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

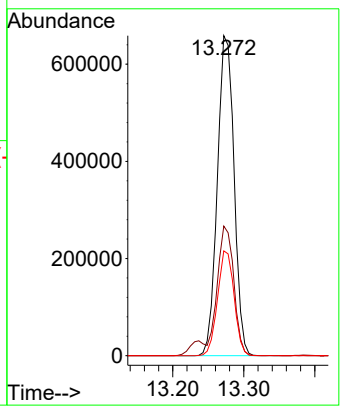




#47
2-Chloronaphthalene
Concen: 37.682 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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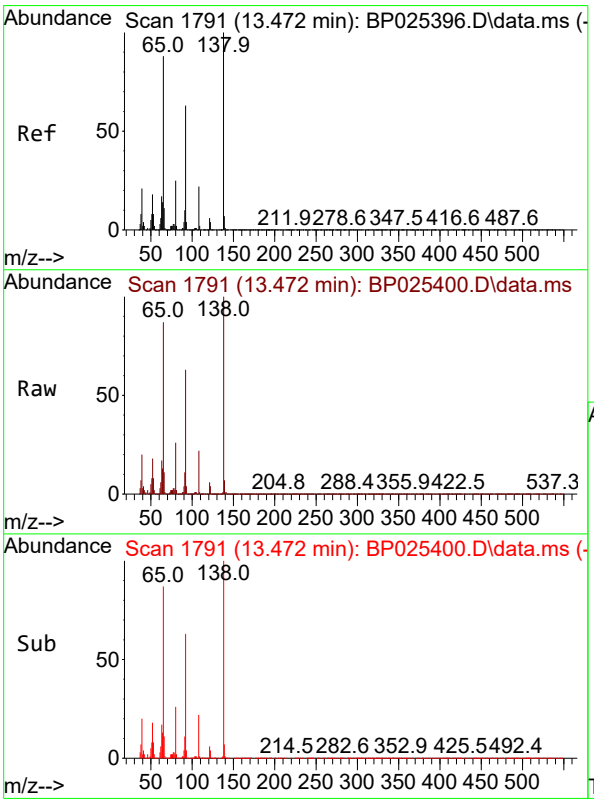
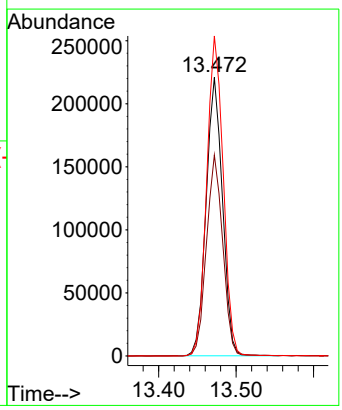
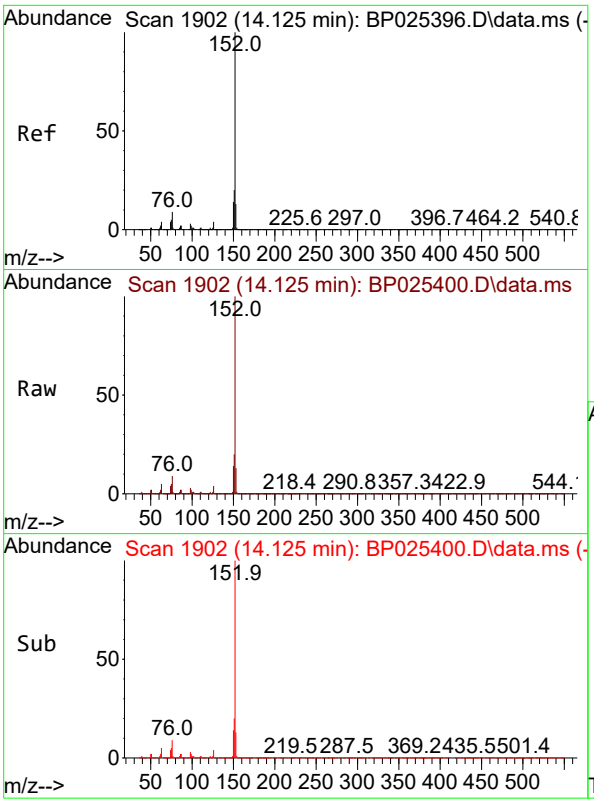


#48
2-Nitroaniline
Concen: 39.081 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

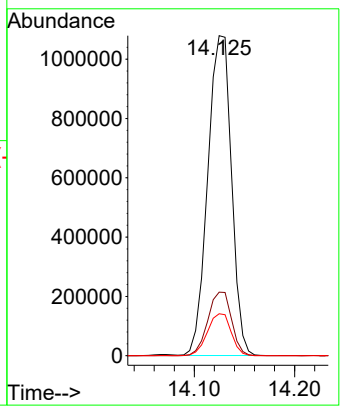




#49
Acenaphthylene
Concen: 37.720 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
BNA_P
ClientSampleId :
ICVBP081425

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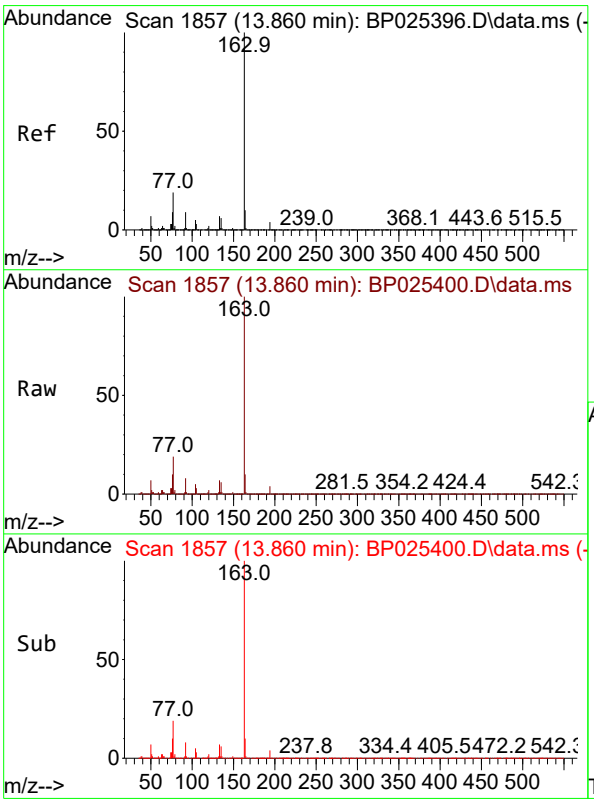
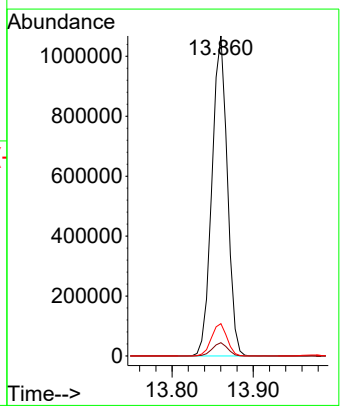
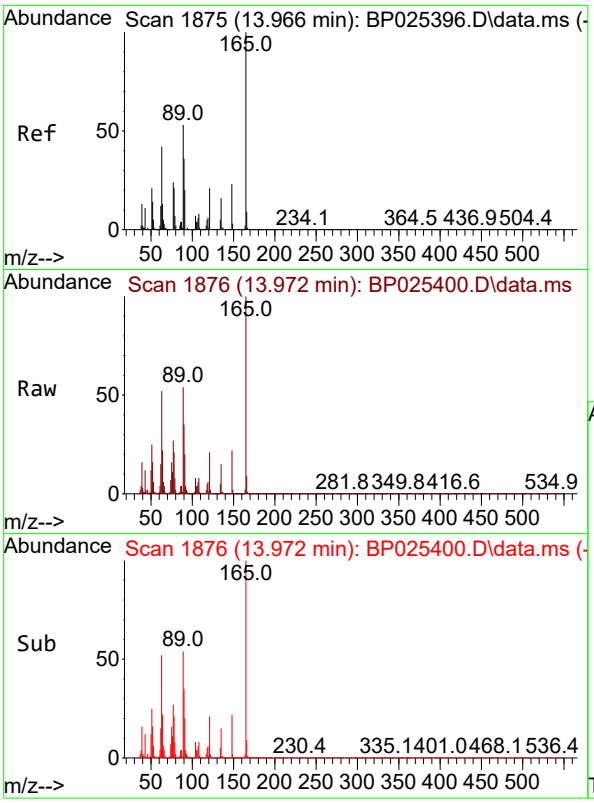


#50
Dimethylphthalate
Concen: 38.170 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

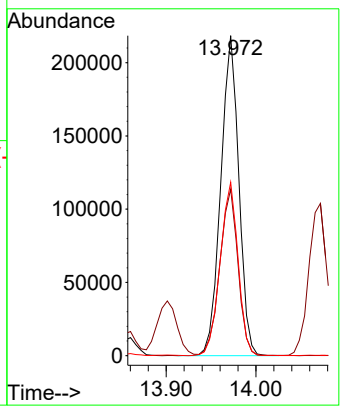




#51
2,6-Dinitrotoluene
Concen: 39.211 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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



Instrument :
BNA_P
ClientSampleId :
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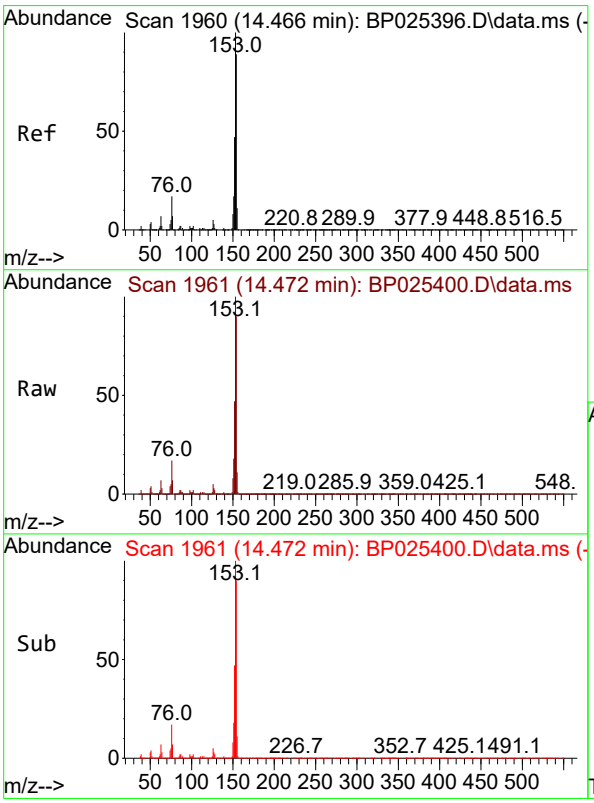
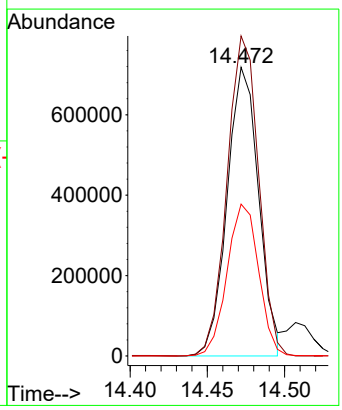
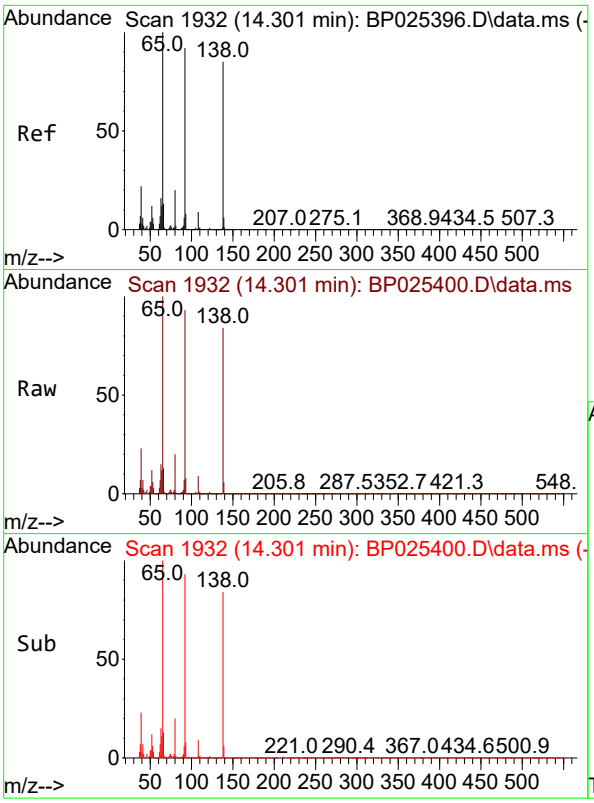


#52
Acenaphthene
Concen: 36.837 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

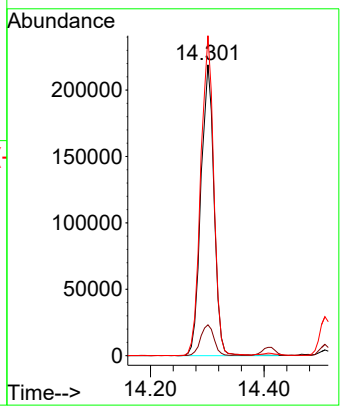




#53
3-Nitroaniline
Concen: 40.027 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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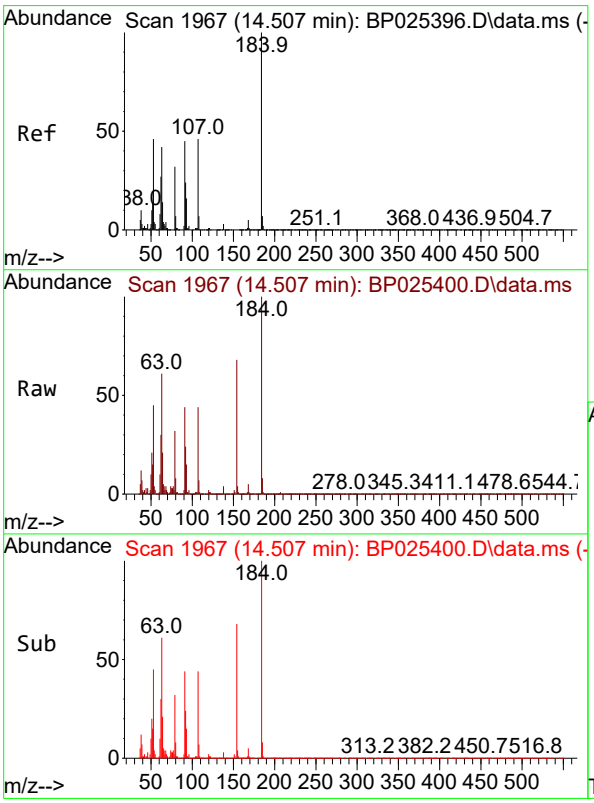
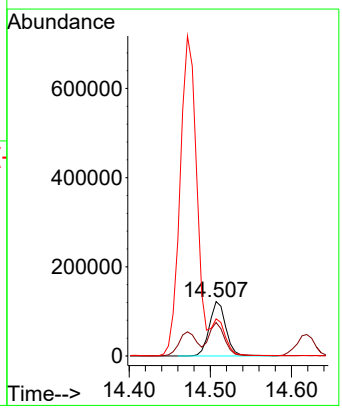
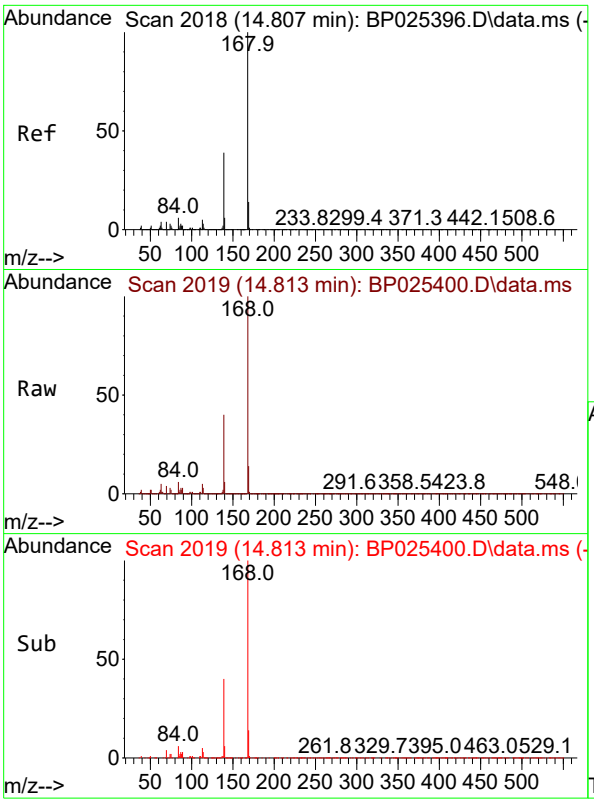


#54
2,4-Dinitrophenol
Concen: 41.646 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

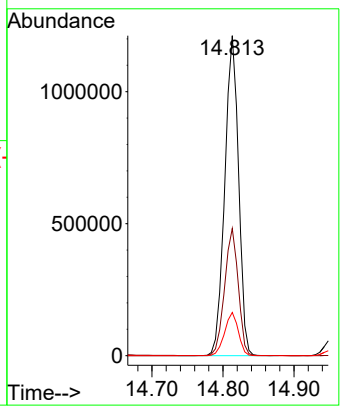




#55
Dibenzofuran
Concen: 37.324 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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ClientSampleId :
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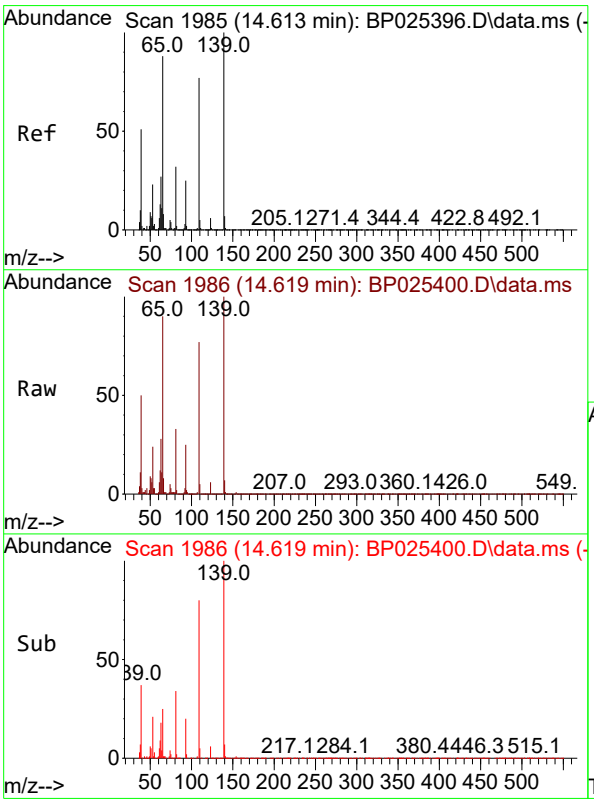
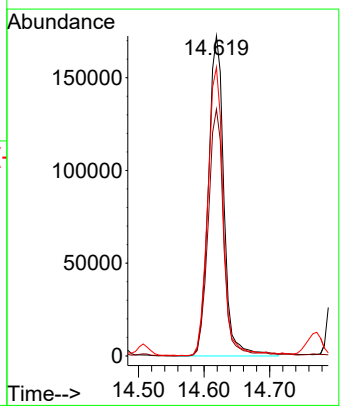
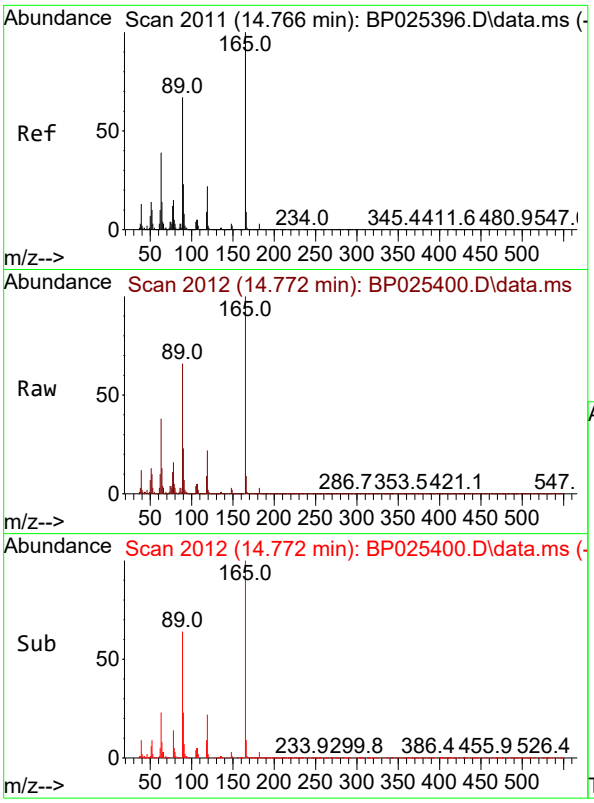


#56
4-Nitrophenol
Concen: 39.630 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

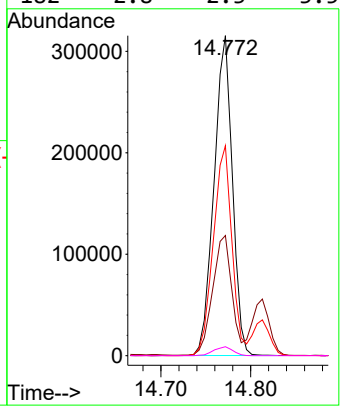




#57
2,4-Dinitrotoluene
Concen: 40.439 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
ICVBP081425

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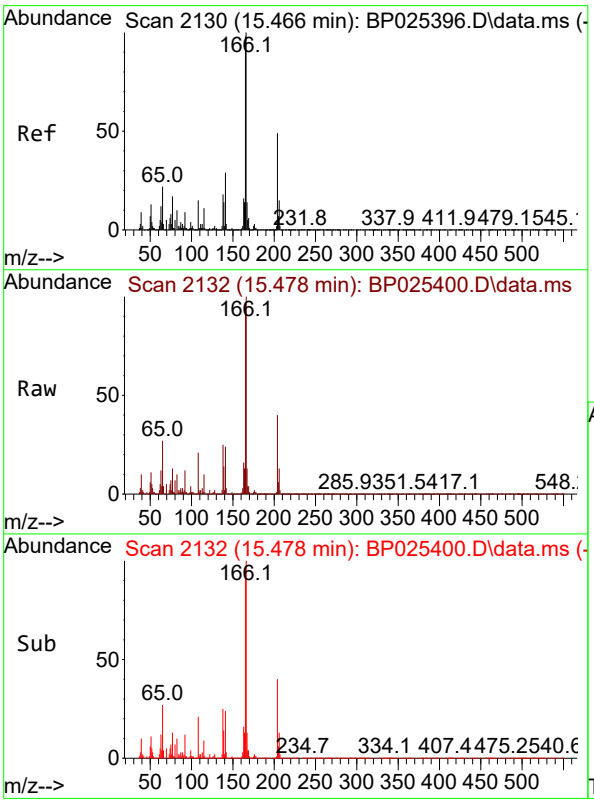
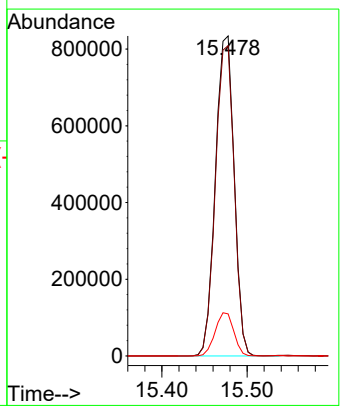
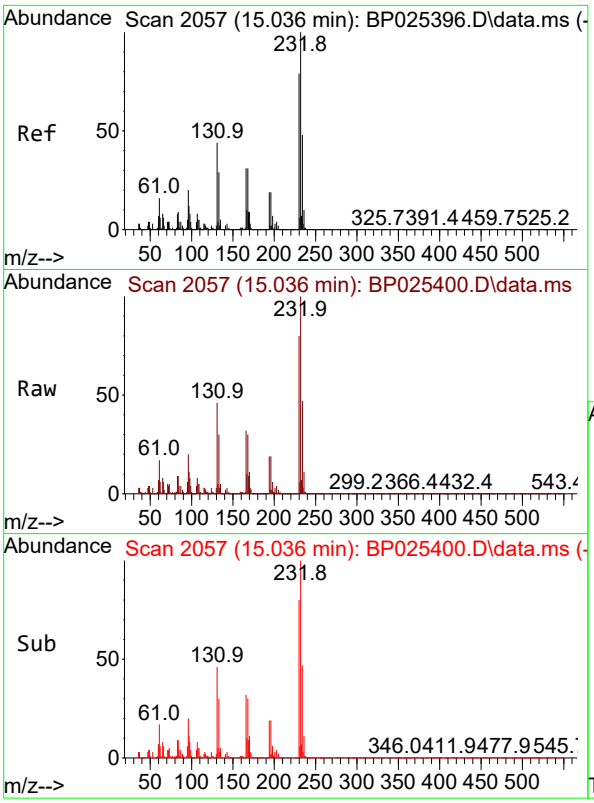


#58
Fluorene
Concen: 36.992 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

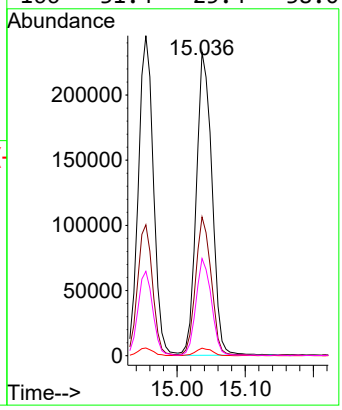




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.147 ng
RT: 15.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
BNA_P
ClientSampleId :
ICVBP081425

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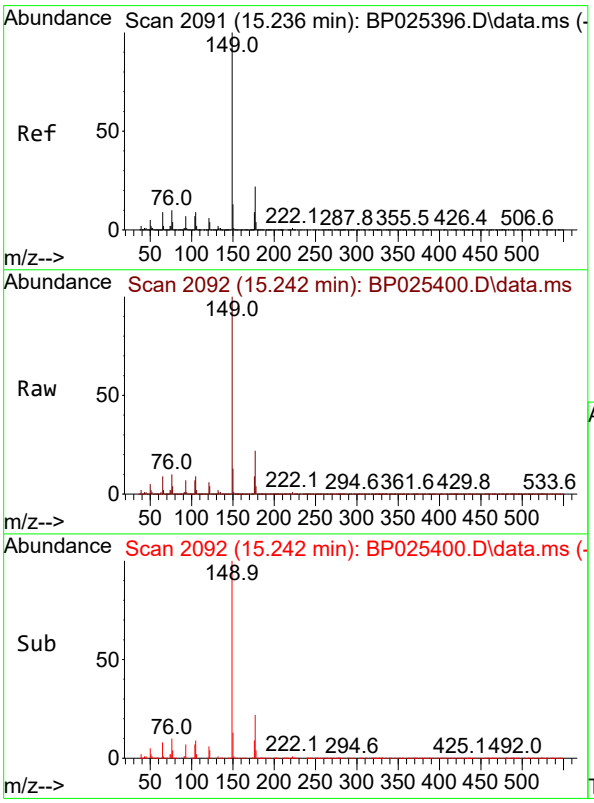
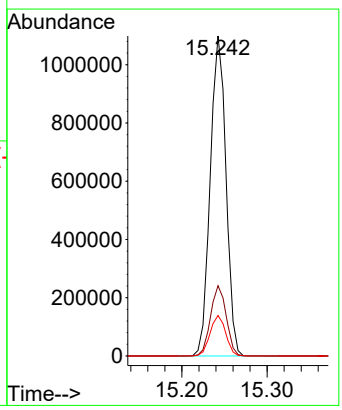
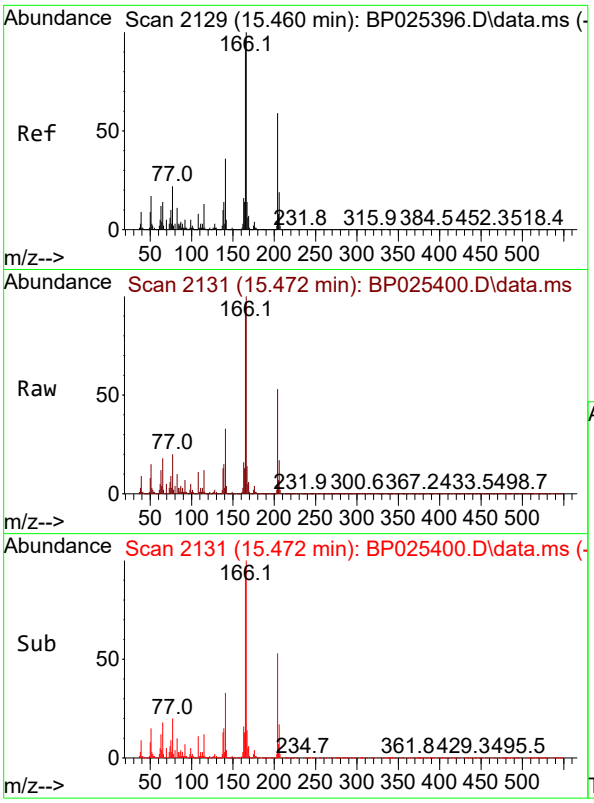


#60
Diethylphthalate
Concen: 37.810 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
ICVBP081425

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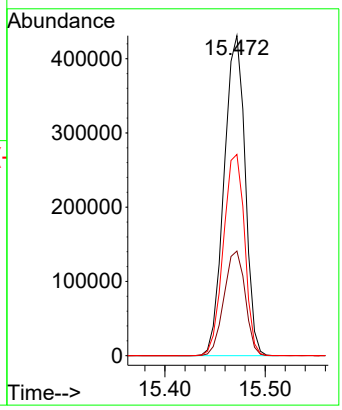
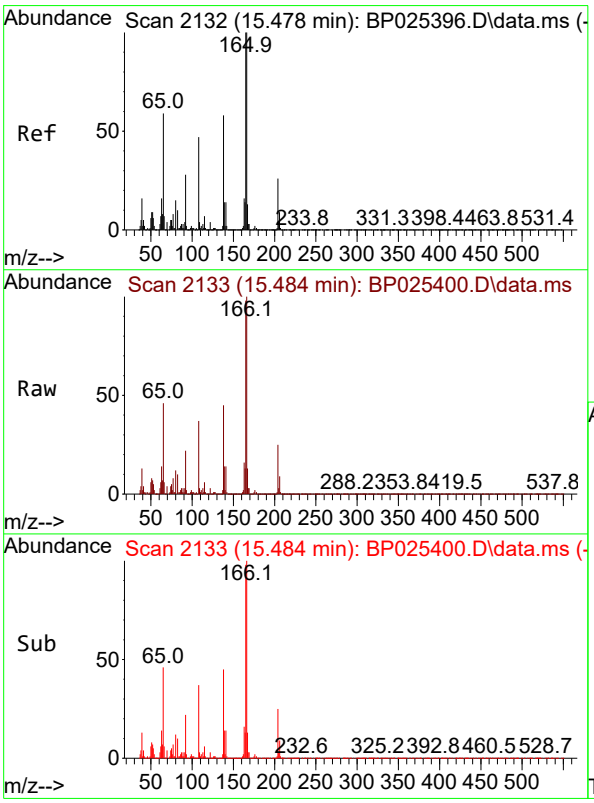
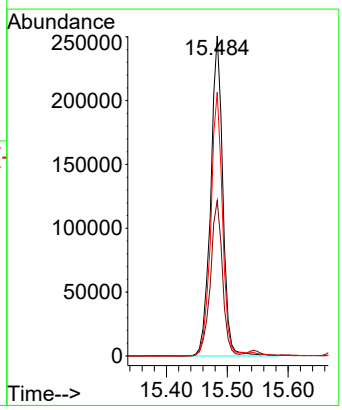


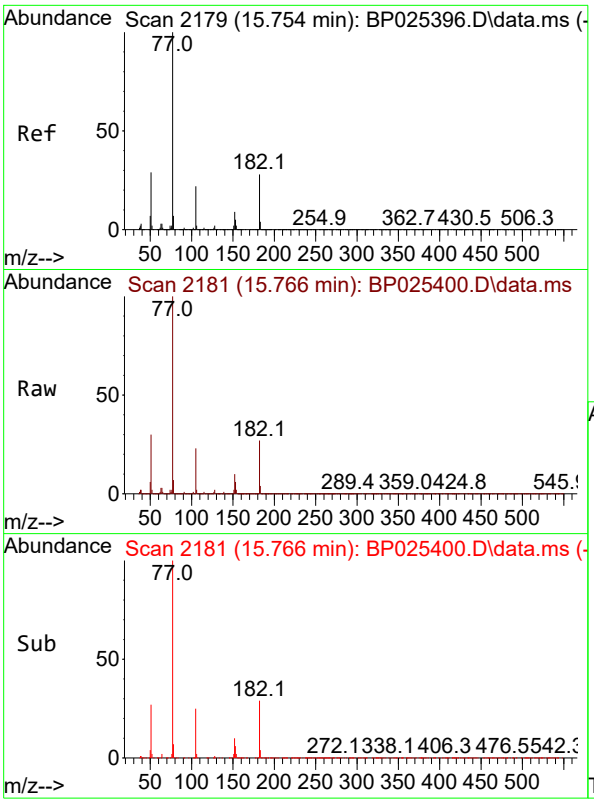


#62
4-Nitroaniline
Concen: 38.717 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

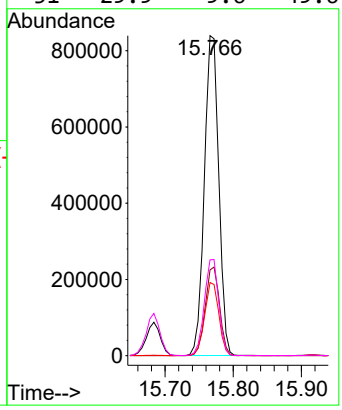




#63
Azobenzene
Concen: 38.526 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
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ClientSampleId :
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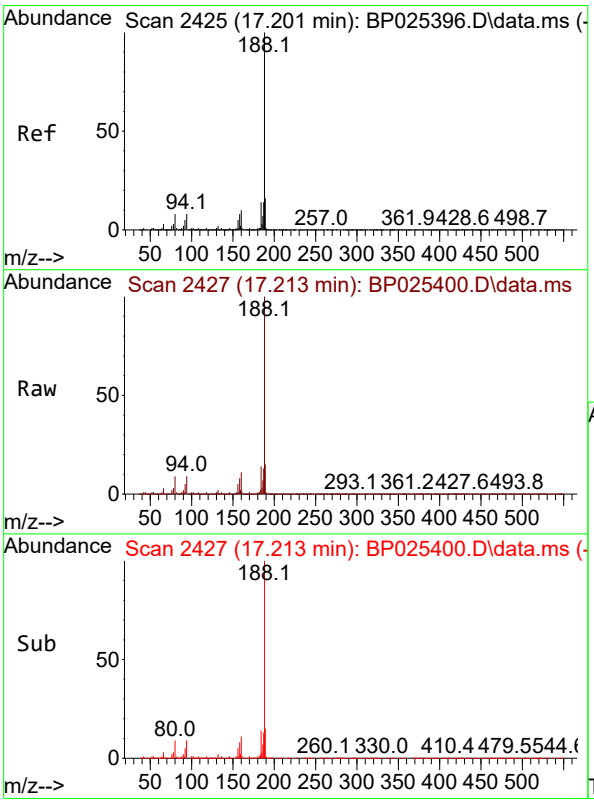
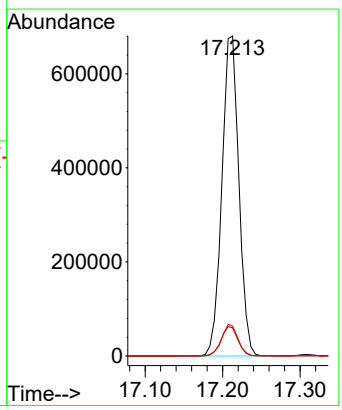
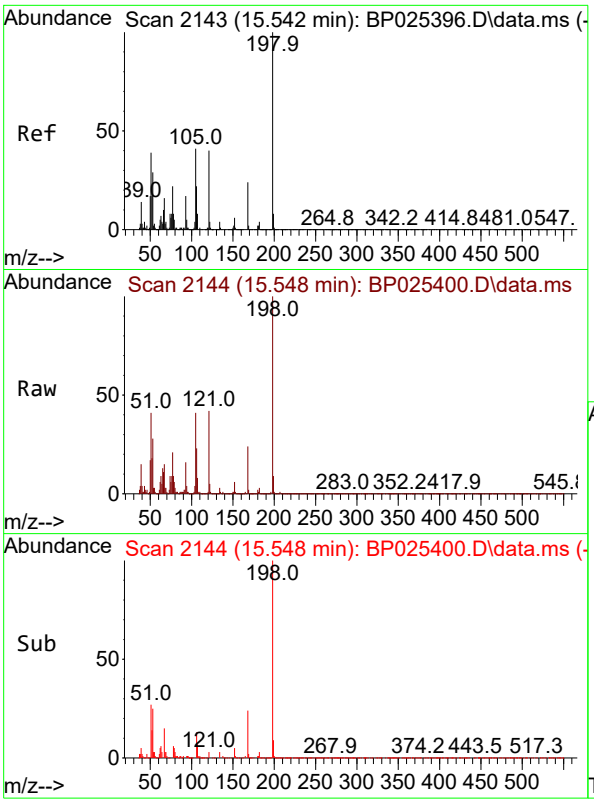


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

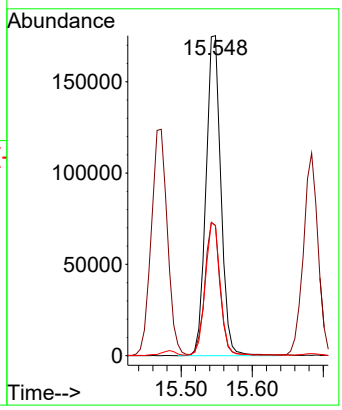




#65
4,6-Dinitro-2-methylphenol
Concen: 39.721 ng
RT: 15.548 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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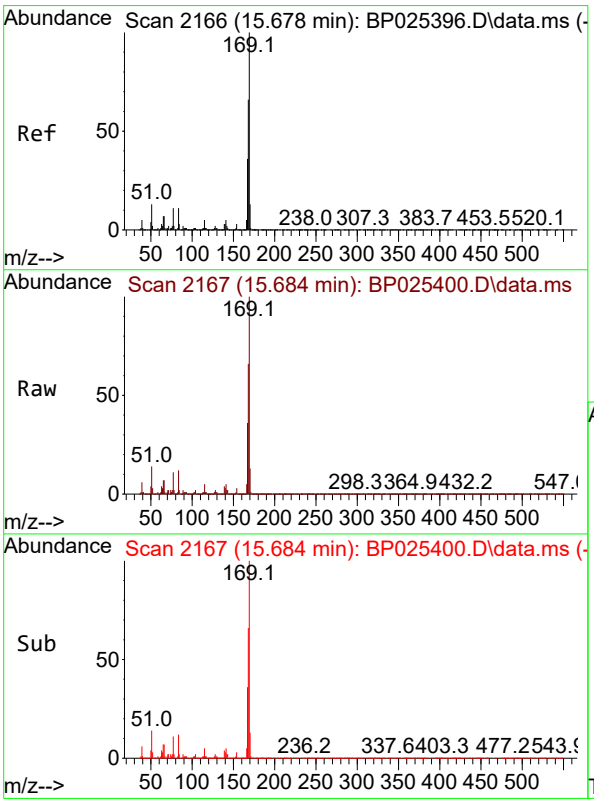
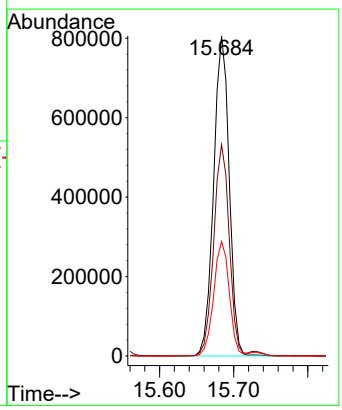
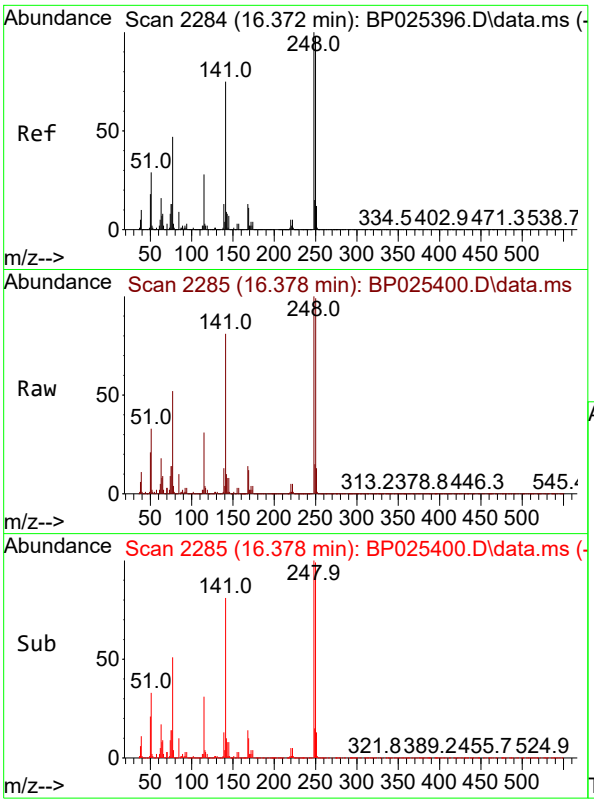


#66
n-Nitrosodiphenylamine
Concen: 37.227 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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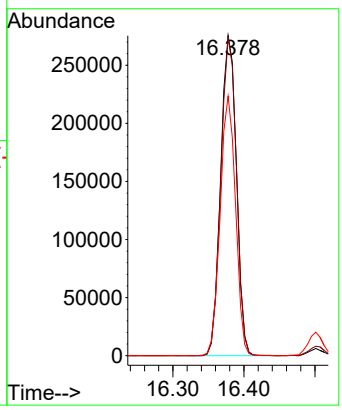
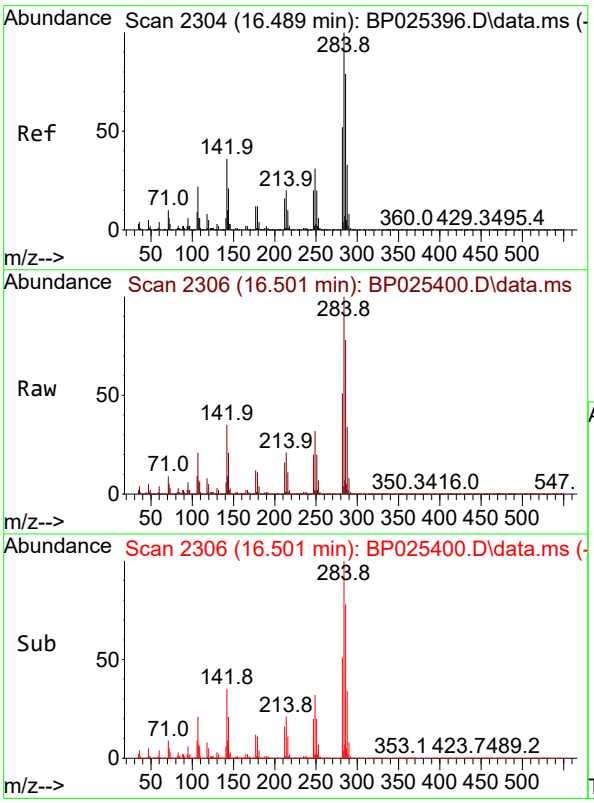
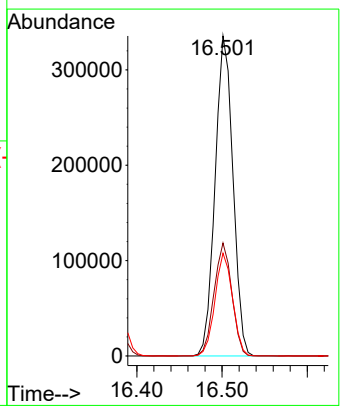


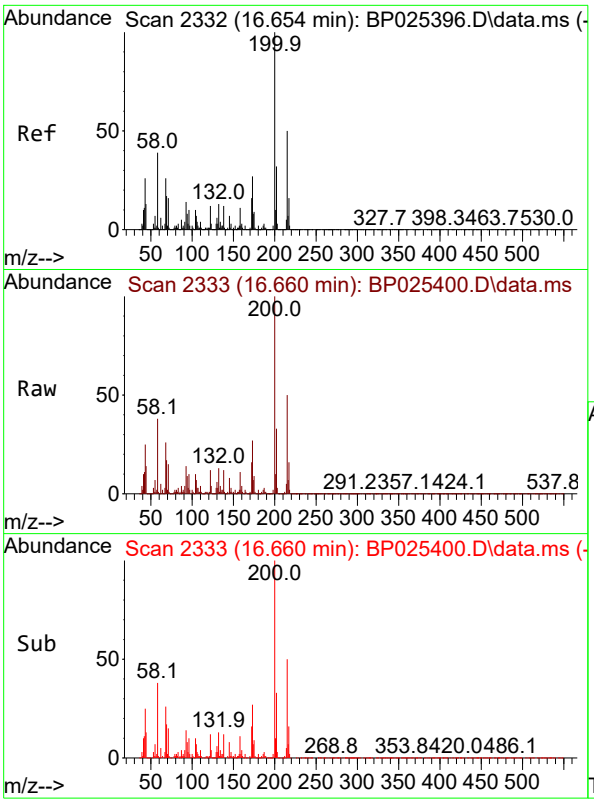


#68
Hexachlorobenzene
Concen: 37.062 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

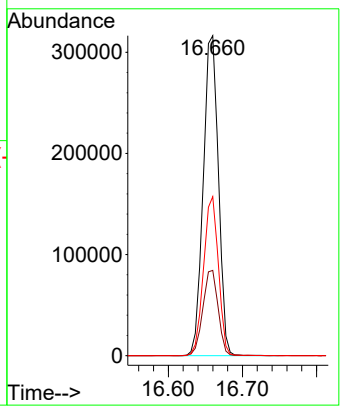




#69
Atrazine
Concen: 38.057 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
BNA_P
ClientSampleId :
ICVBP081425

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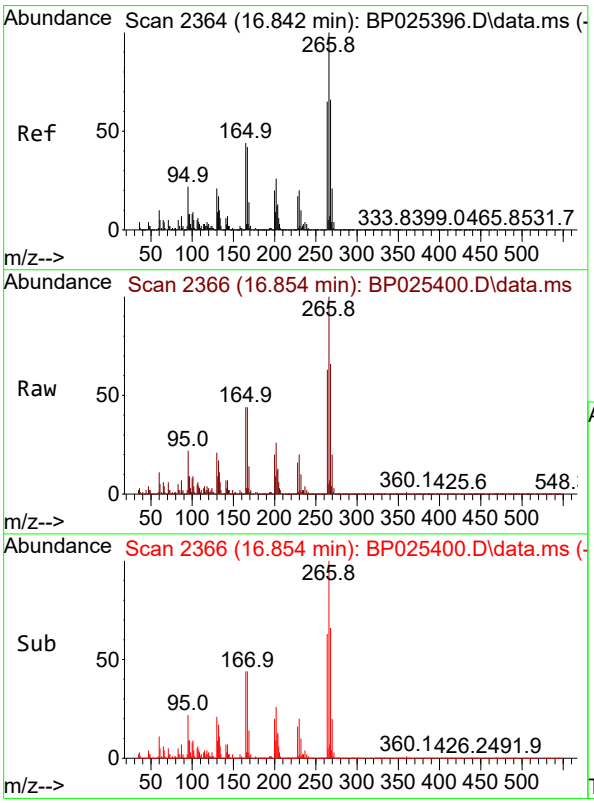
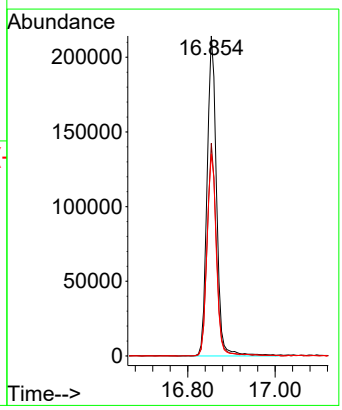
Supervised By :Jagrut Upadhyay 08/15/2025

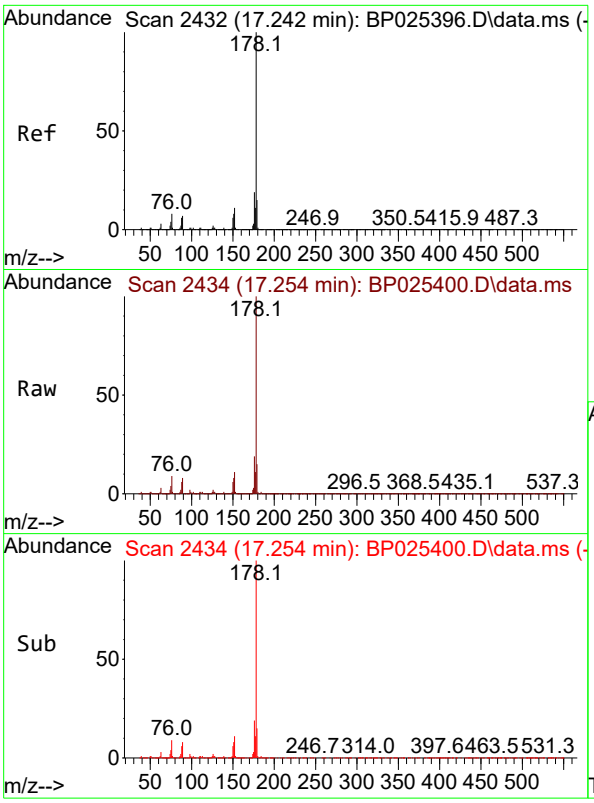


#70
Pentachlorophenol
Concen: 38.733 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

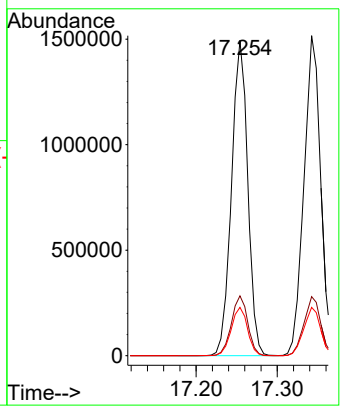




#71
Phenanthrene
Concen: 36.445 ng
RT: 17.254 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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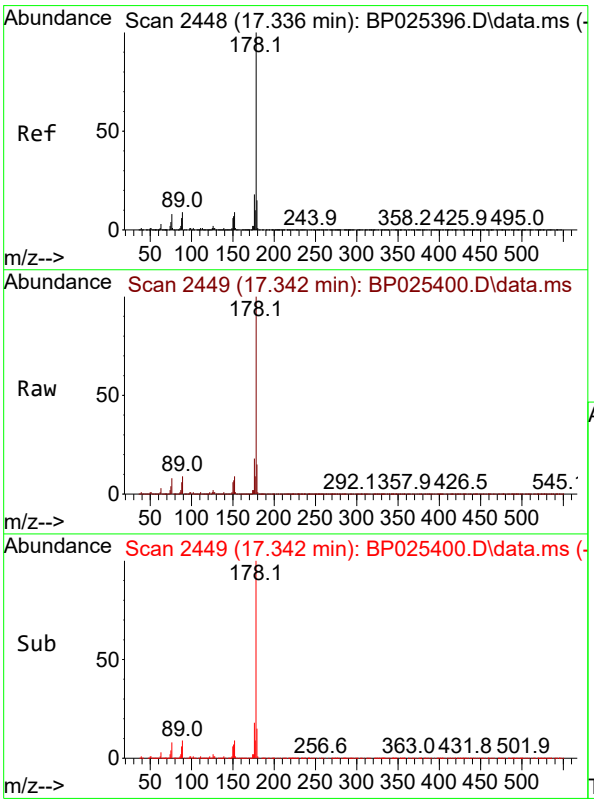
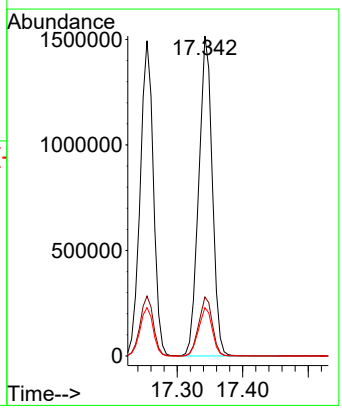
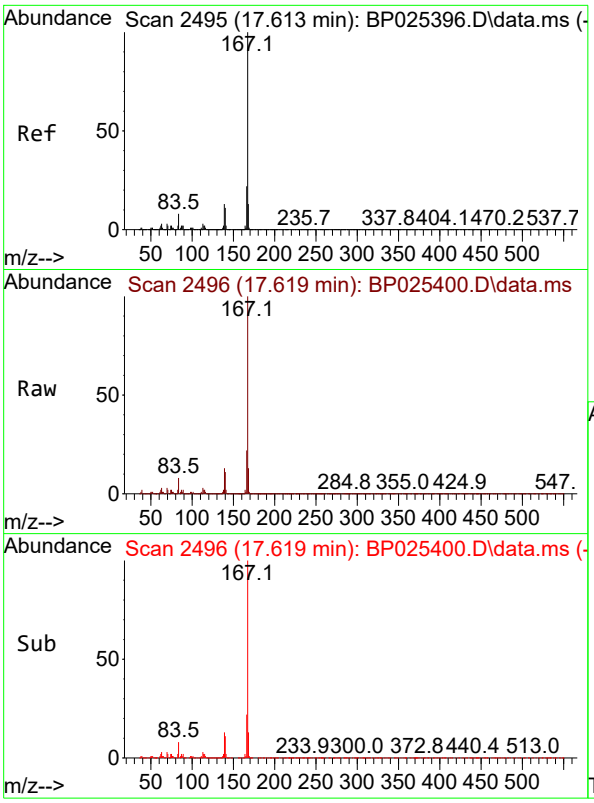


#72
Anthracene
Concen: 37.563 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

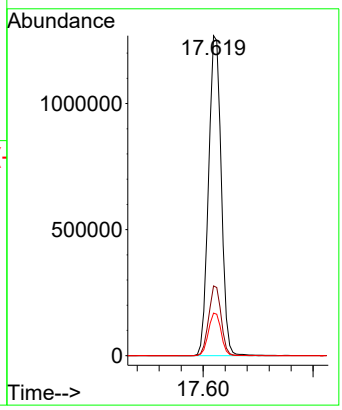




#73
Carbazole
Concen: 37.116 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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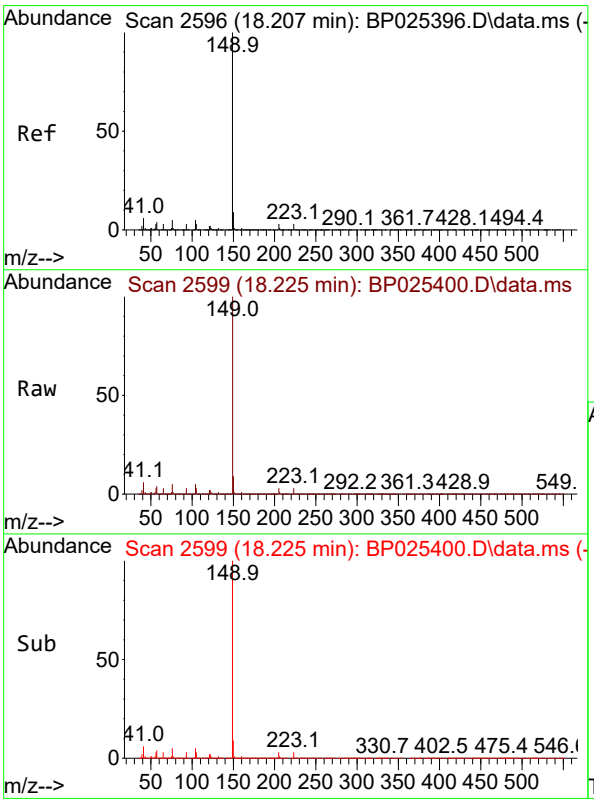
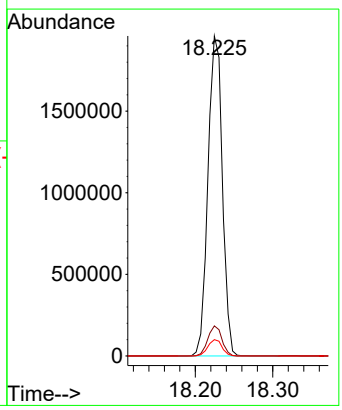
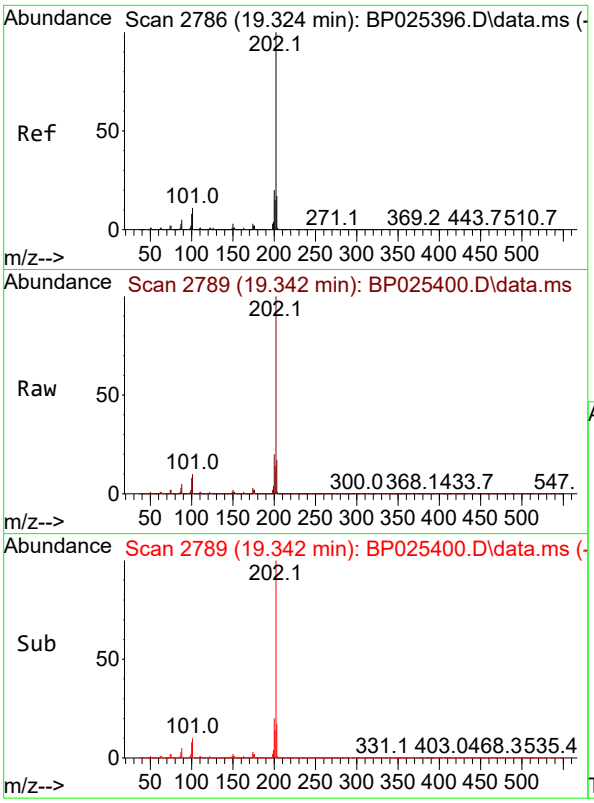


#74
Di-n-butylphthalate
Concen: 37.602 ng
RT: 18.225 min Scan# 2599
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

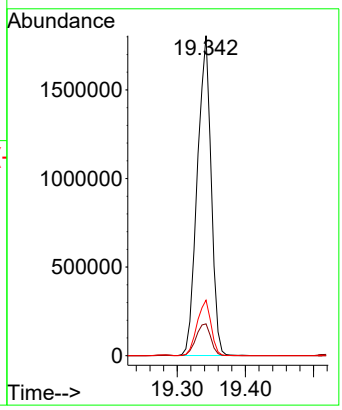




#75
Fluoranthene
Concen: 37.481 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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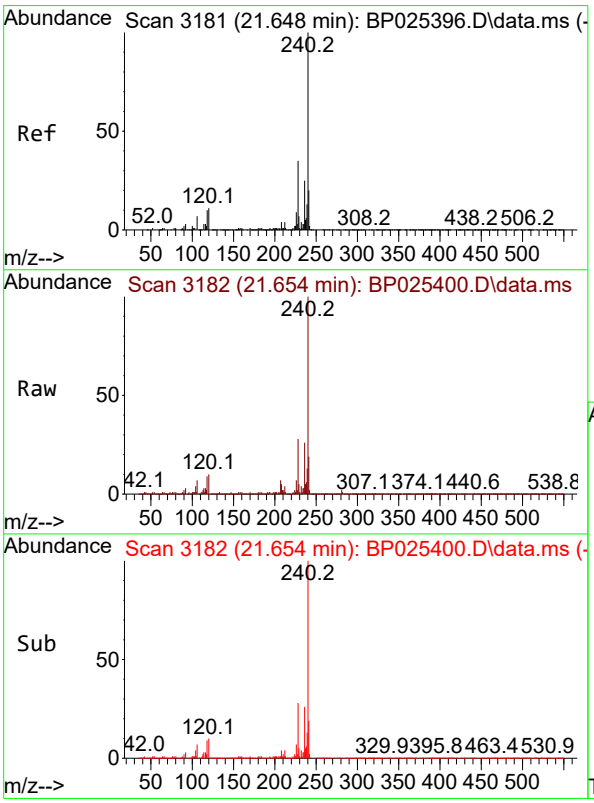
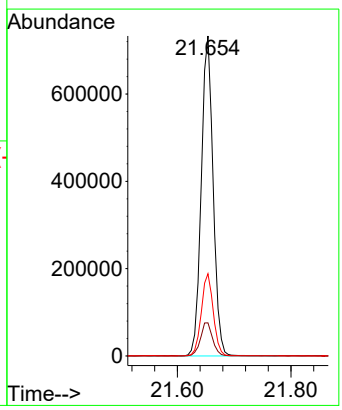
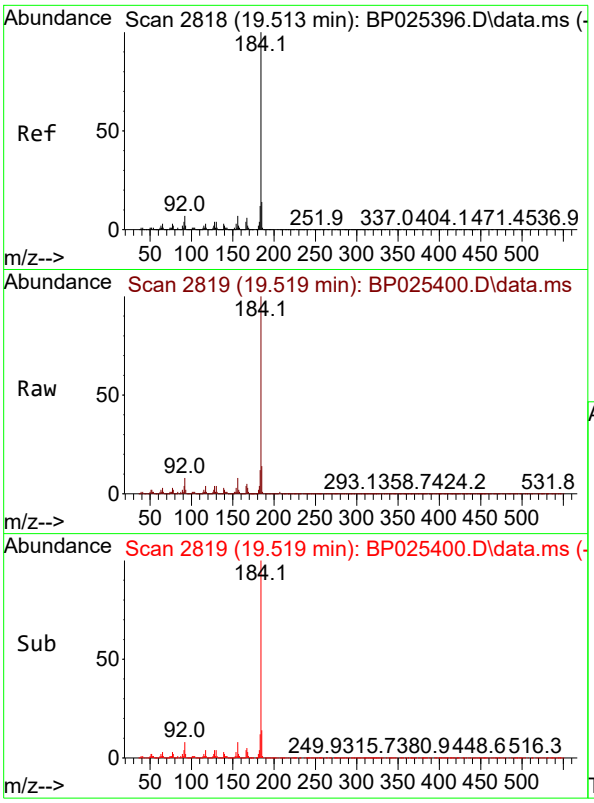


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

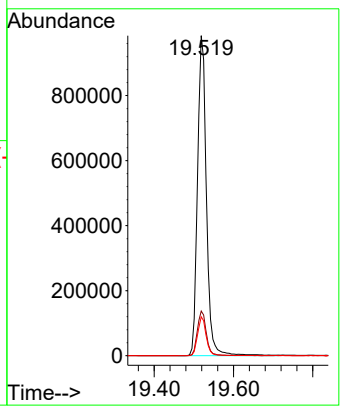




#77
Benzidine
Concen: 42.271 ng
RT: 19.519 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
ICVBP081425

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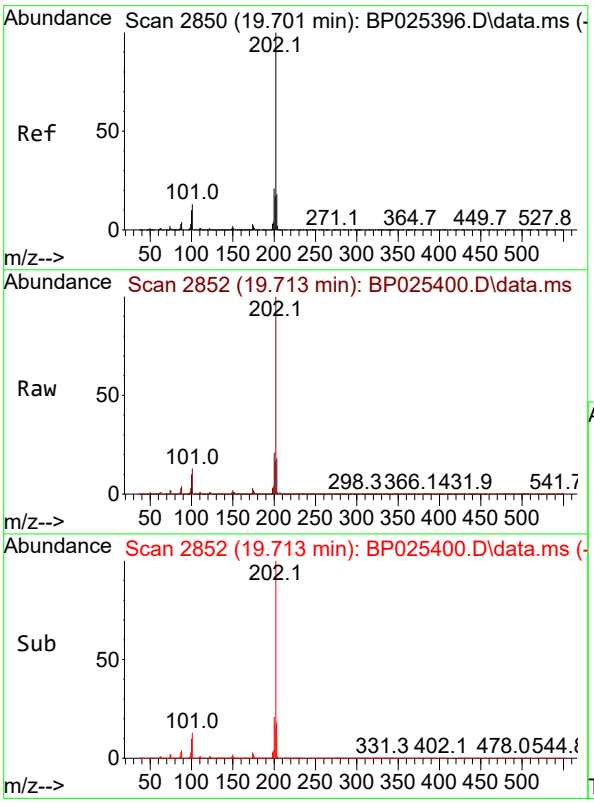
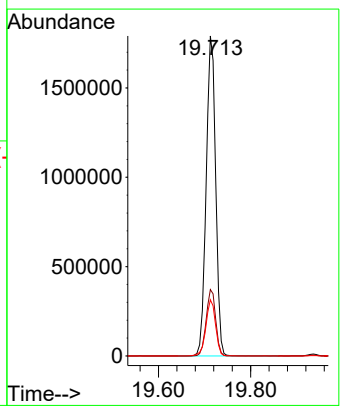
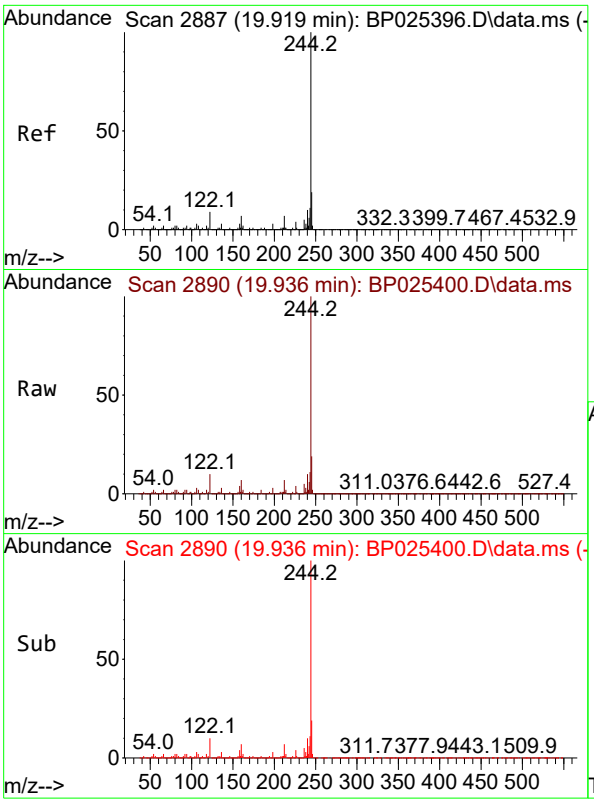


#78
Pyrene
Concen: 37.404 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

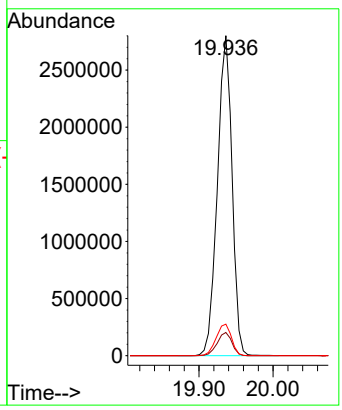




#79
Terphenyl-d14
Concen: 66.399 ng
RT: 19.936 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
ICVBP081425

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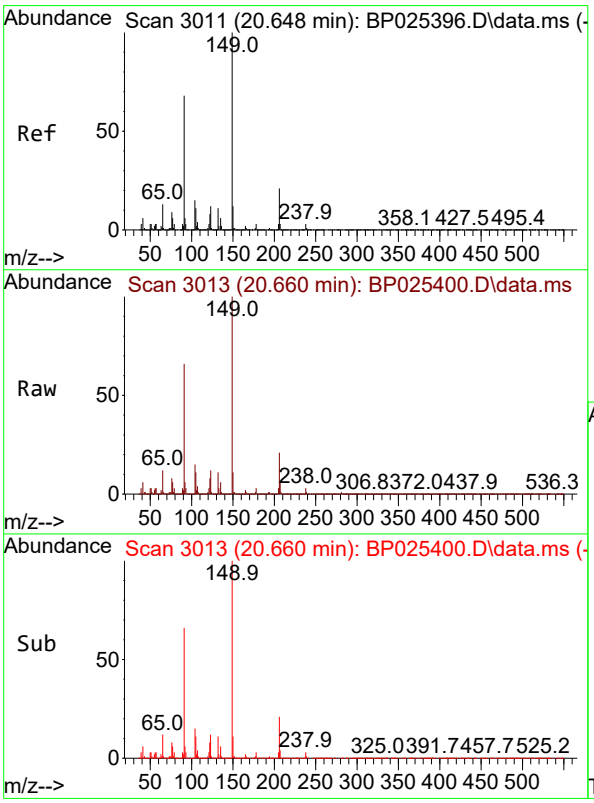
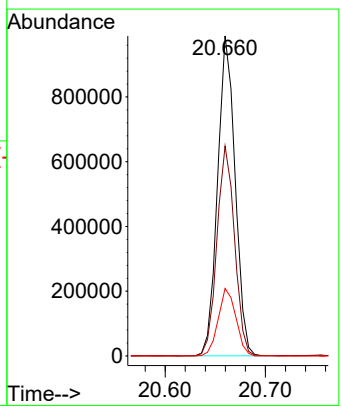
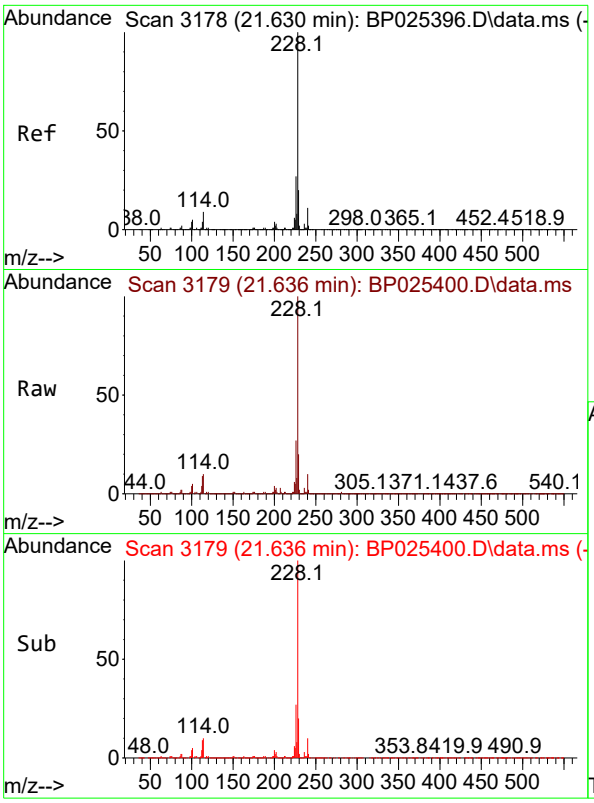


#80
Butylbenzylphthalate
Concen: 38.401 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

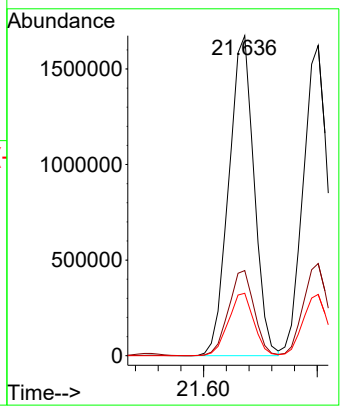




#81
Benzo(a)anthracene
Concen: 36.950 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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 :
BNA_P
ClientSampleId :
ICVBP081425

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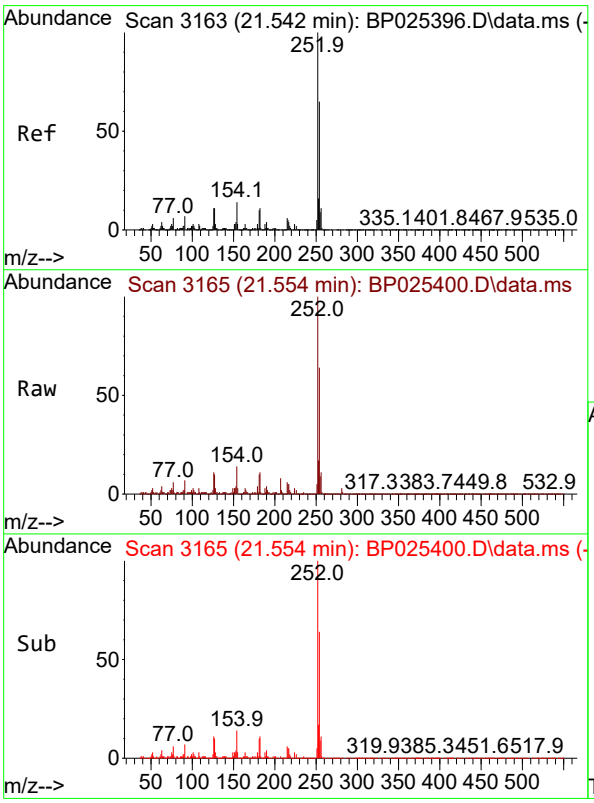
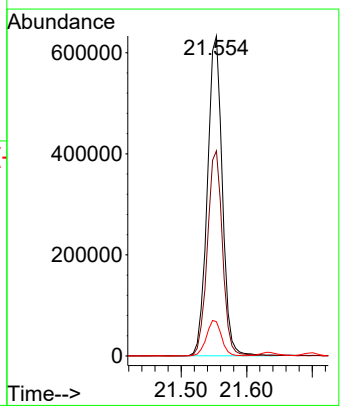
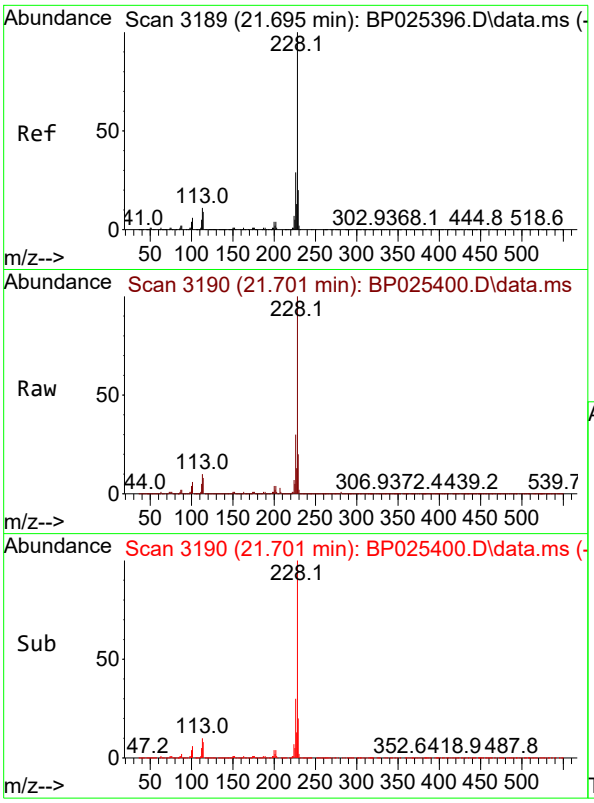


#82
3,3'-Dichlorobenzidine
Concen: 38.038 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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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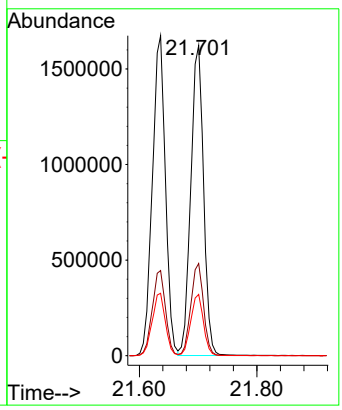
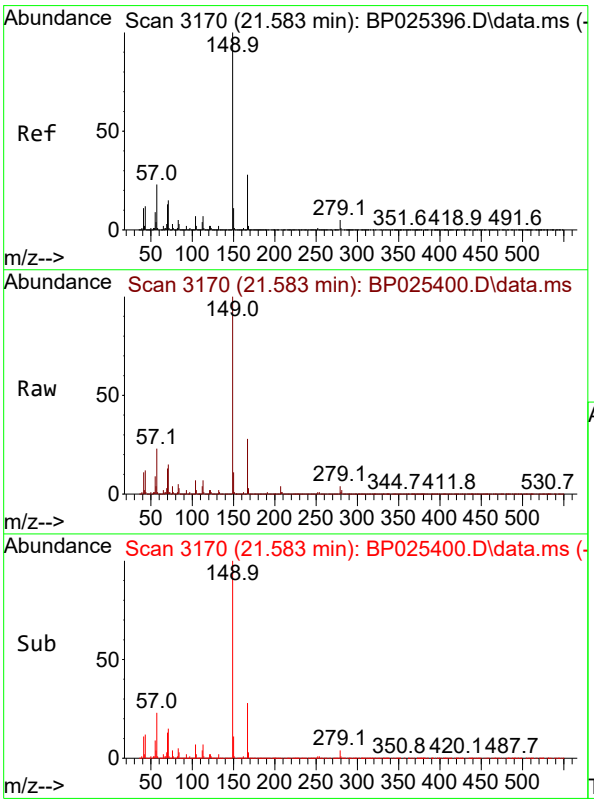
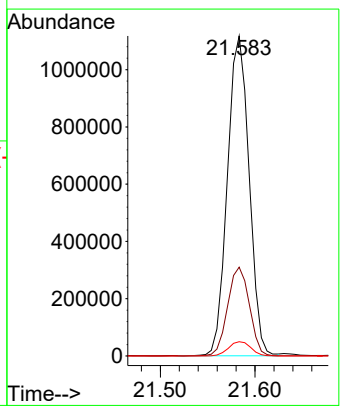


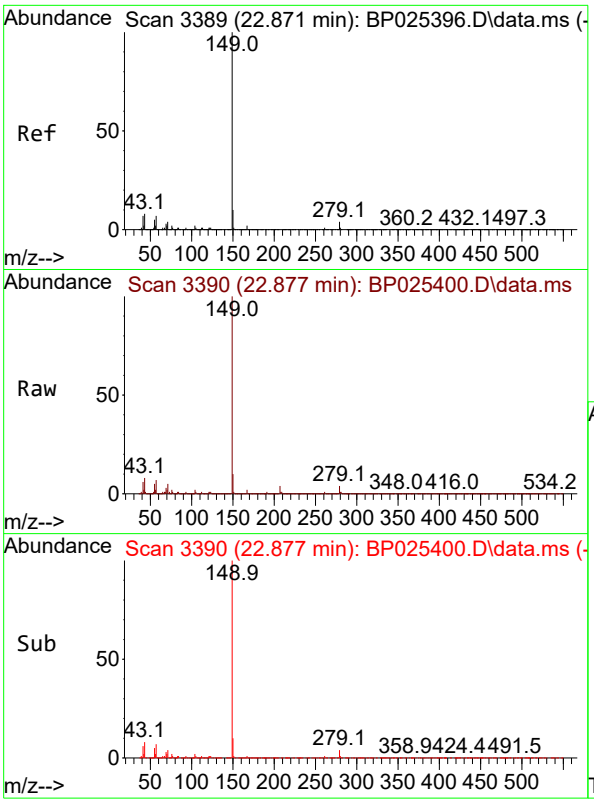


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.729 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

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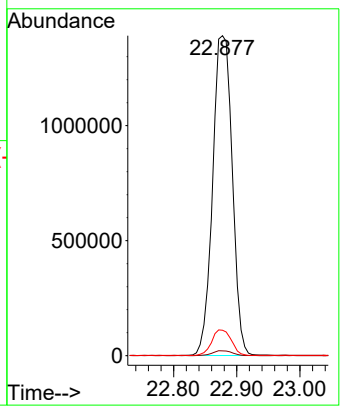
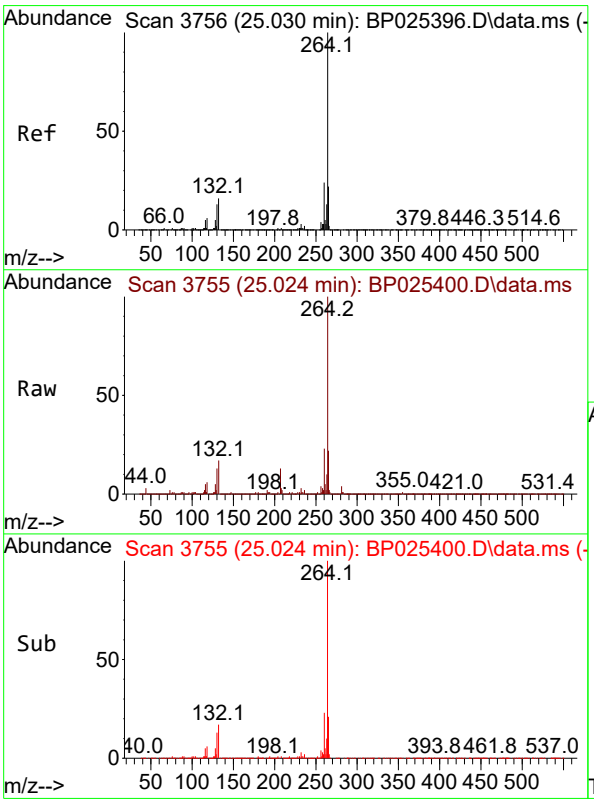
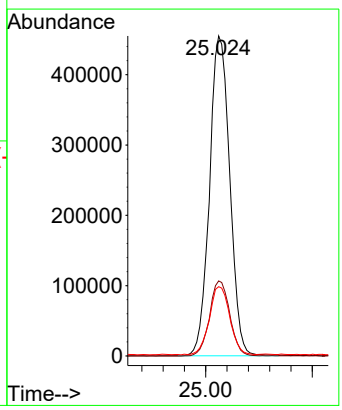


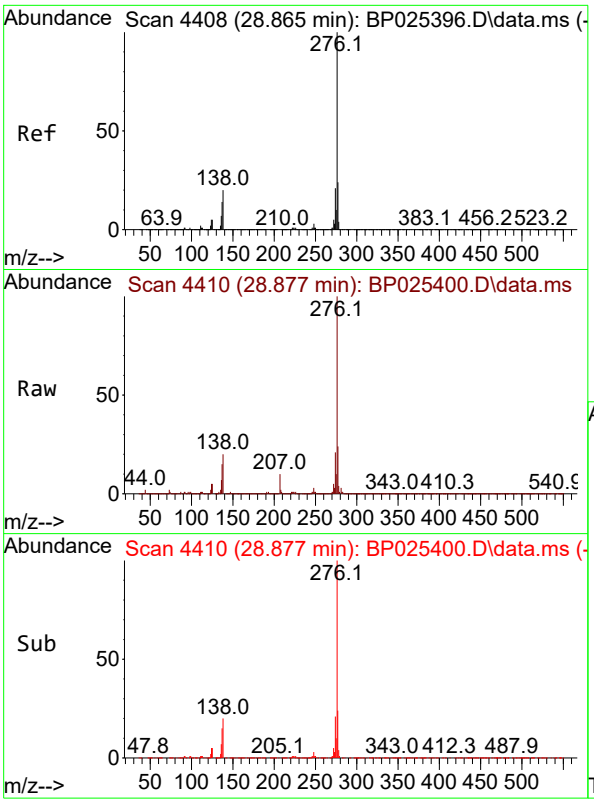


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

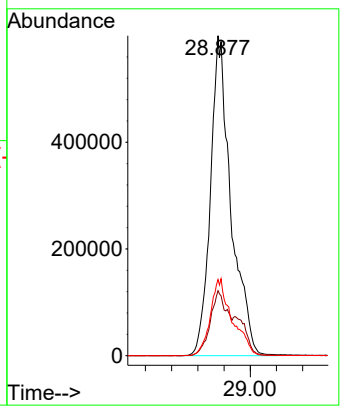




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.119 ng
RT: 28.877 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:276 Resp: 326796

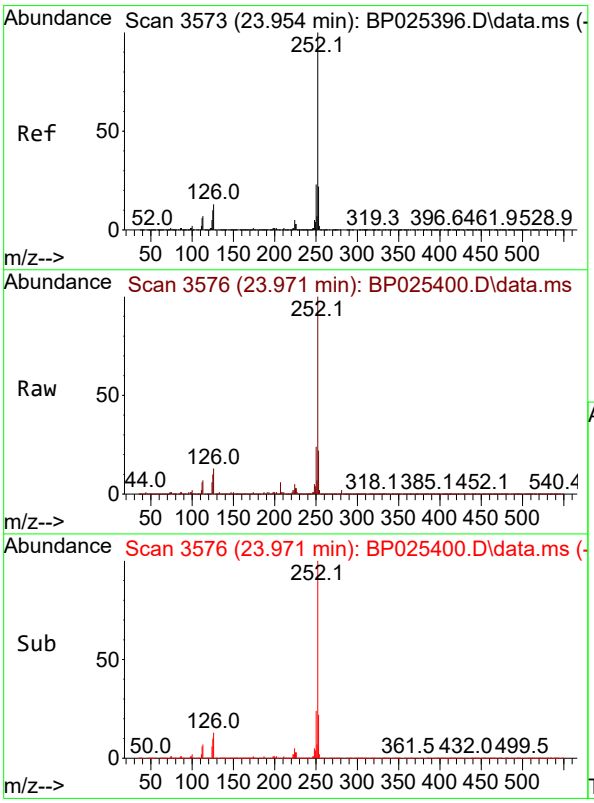
Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.9	19.3
277	25.5	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

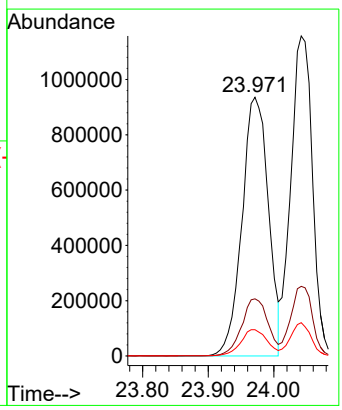
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

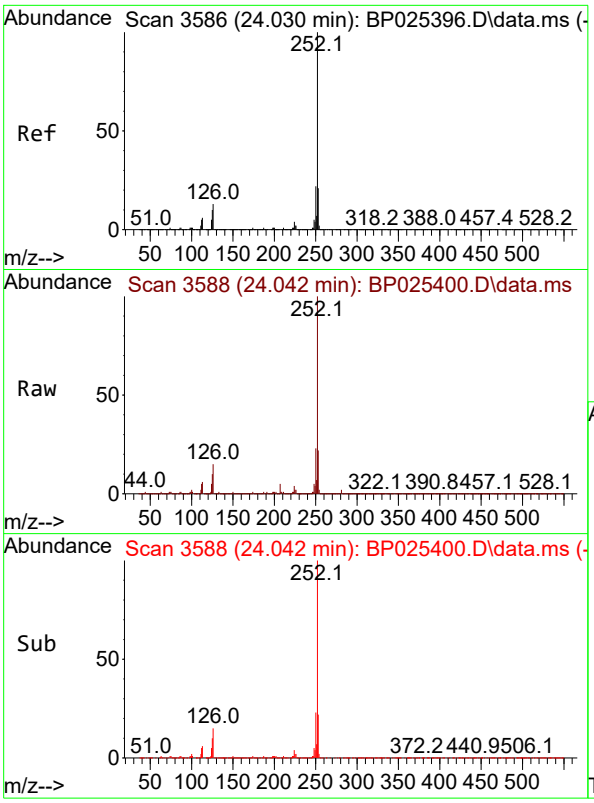


#88
Benzo(b)fluoranthene
Concen: 36.964 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

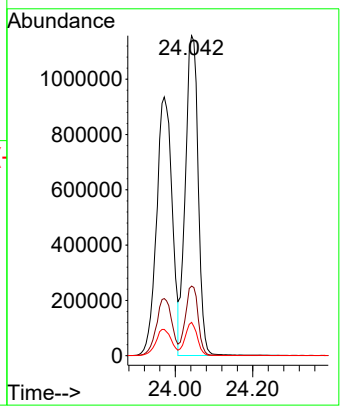




#89
Benzo(k)fluoranthene
Concen: 37.464 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 265390

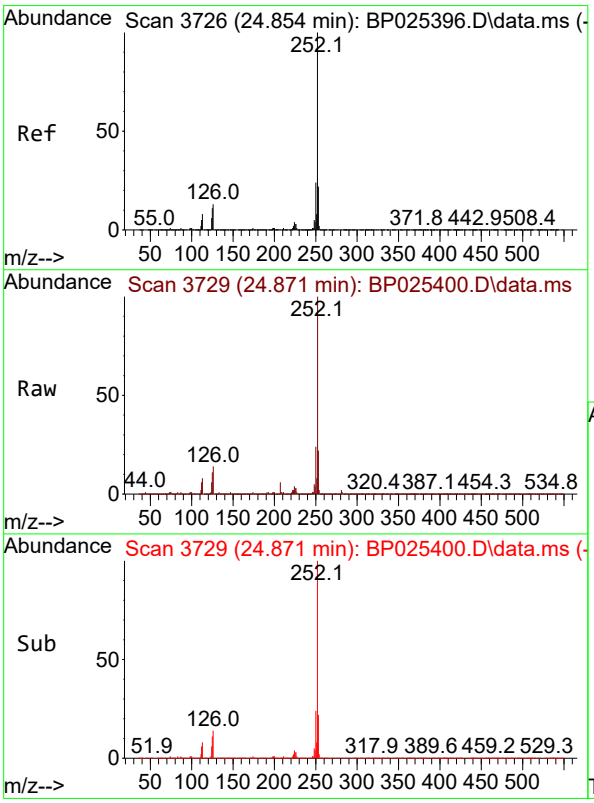
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.4	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

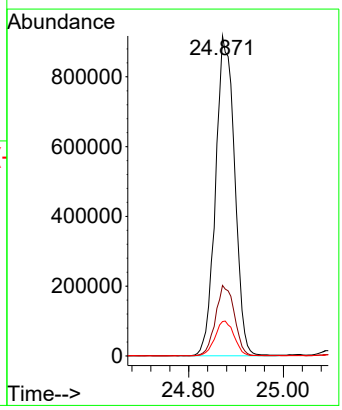
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

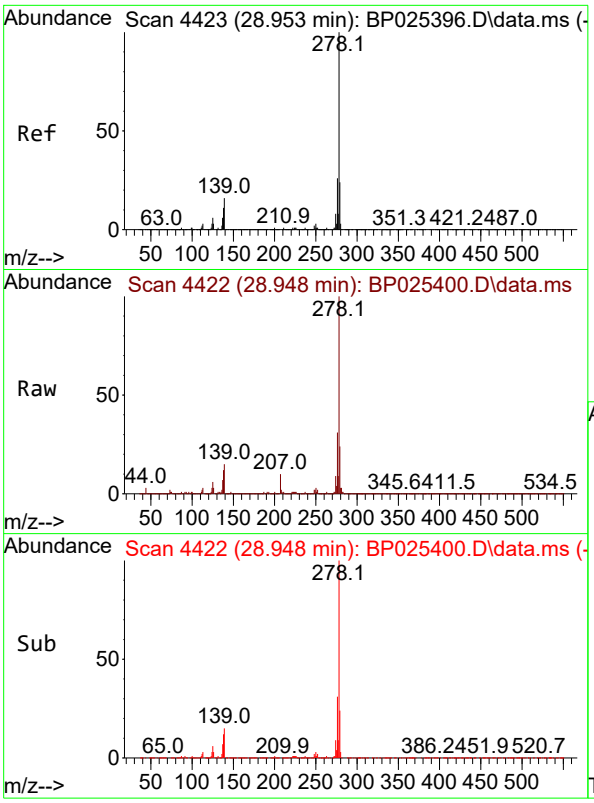


#90
Benzo(a)pyrene
Concen: 37.160 ng
RT: 24.871 min Scan# 3729
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

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

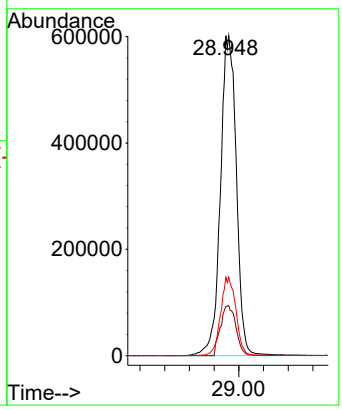




#91
Dibenzo(a,h)anthracene
Concen: 37.490 ng
RT: 28.948 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:278 Resp: 269733

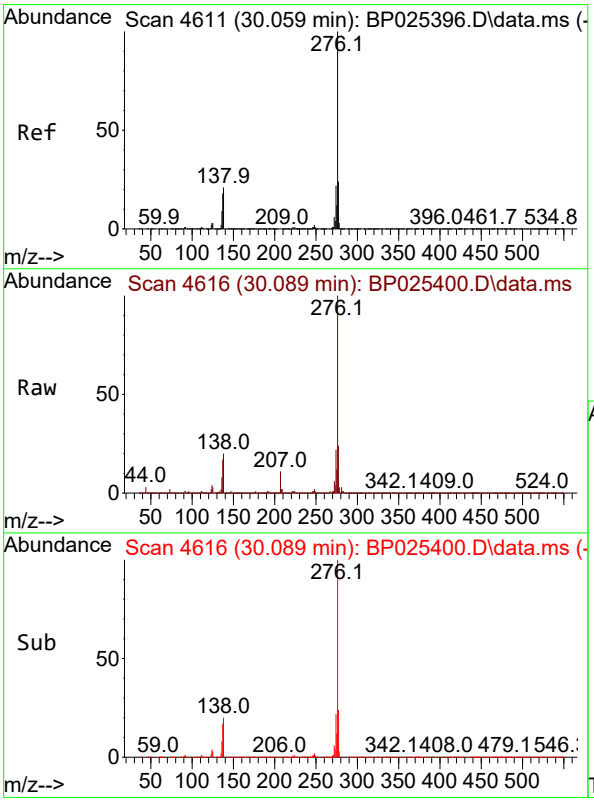
Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.0	19.4
279	24.4	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

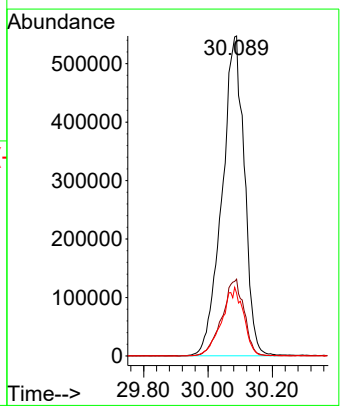
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#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
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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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: **BP025561.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: HERO01

Lab Code: ACE SDG No.: Q2928

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.230		2.2	
Benzaldehyde	1.082	1.338		23.7	
Phenol-d6	1.544	1.578		2.2	
Phenol	1.620	1.637		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.249		-1.1	
2-Chlorophenol	1.359	1.362		0.2	
2-Methylphenol	1.125	1.108		-1.5	
2,2-oxybis(1-Chloropropane)	1.692	1.716		1.4	
Acetophenone	0.502	0.490		-2.4	
3+4-Methylphenols	1.560	1.501		-3.8	
n-Nitroso-di-n-propylamine	1.023	0.970	0.050	-5.2	
Nitrobenzene-d5	0.395	0.399		1.0	
Hexachloroethane	0.563	0.547		-2.8	
Nitrobenzene	0.353	0.358		1.4	
Isophorone	0.700	0.668		-4.6	
2-Nitrophenol	0.181	0.186		2.8	20.0
2,4-Dimethylphenol	0.312	0.304		-2.6	
bis(2-Chloroethoxy)methane	0.423	0.405		-4.3	
2,4-Dichlorophenol	0.310	0.306		-1.3	20.0
Naphthalene	1.040	1.011		-2.8	
4-Chloroaniline	0.459	0.446		-2.8	
Hexachlorobutadiene	0.211	0.197		-6.6	20.0
Caprolactam	0.114	0.111		-2.6	
4-Chloro-3-methylphenol	0.355	0.342		-3.7	20.0
2-Methylnaphthalene	0.676	0.636		-5.9	
Hexachlorocyclopentadiene	0.349	0.387	0.050	10.9	
2,4,6-Trichlorophenol	0.390	0.396		1.5	20.0
2-Fluorobiphenyl	1.463	1.453		-0.7	
2,4,5-Trichlorophenol	0.427	0.435		1.9	
1,1-Biphenyl	1.453	1.456		0.2	
2-Chloronaphthalene	1.131	1.146		1.3	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.428		-2.5	
Acenaphthylene	1.871	1.872		0.1	
2,6-Dinitrotoluene	0.309	0.318		2.9	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.074		-2.2	20.0
2,4-Dinitrophenol	0.165	0.220	0.050	33.3	
4-Nitrophenol	0.285	0.297	0.050	4.2	

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: HERO01

Lab Code: ACE SDG No.: Q2928

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.714		-1.3	
2,4-Dinitrotoluene	0.440	0.461		4.8	
Diethylphthalate	1.488	1.451		-2.5	
4-Chlorophenyl-phenylether	0.681	0.659		-3.2	
Fluorene	1.370	1.353		-1.2	
4-Nitroaniline	0.356	0.380		6.7	
4,6-Dinitro-2-methylphenol	0.125	0.147		17.6	
n-Nitrosodiphenylamine	0.610	0.601		-1.5	20.0
2,4,6-Tribromophenol	0.269	0.270		0.4	
4-Bromophenyl-phenylether	0.220	0.213		-3.2	
Hexachlorobenzene	0.255	0.243		-4.7	
Atrazine	0.228	0.221		-3.1	
Pentachlorophenol	0.161	0.156		-3.1	20.0
Phenanthrene	1.099	1.083		-1.5	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.061		0.4	
Di-n-butylphthalate	1.300	1.268		-2.5	
Fluoranthene	1.311	1.276		-2.7	20.0
Pyrene	1.300	1.273		-2.1	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.574		-2.5	
3,3-Dichlorobenzidine	0.497	0.487		-2.0	
Benzo(a)anthracene	1.319	1.282		-2.8	
Chrysene	1.235	1.205		-2.4	
Bis(2-ethylhexyl)phthalate	0.867	0.799		-7.8	
Di-n-octyl phthalate	1.492	1.388		-7.0	20.0
Benzo(b)fluoranthene	1.179	1.144		-3.0	
Benzo(k)fluoranthene	1.180	1.167		-1.1	
Benzo(a)pyrene	1.148	1.140		-0.7	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.451		-1.1	
Dibenzo(a,h)anthracene	1.199	1.203		0.3	
Benzo(g,h,i)perylene	1.178	1.174		-0.3	
1,2,4,5-Tetrachlorobenzene	0.578	0.586		1.4	
1,4-Dioxane	0.472	0.466		-1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.380		0.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 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 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.766	152	176050	20.000	ng		-0.03
21) Naphthalene-d8	10.537	136	715069	20.000	ng		-0.02
39) Acenaphthene-d10	14.390	164	441846	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	900532	20.000	ng		#-0.01
76) Chrysene-d12	21.630	240	945335	20.000	ng		-0.02
86) Perylene-d12	25.001	264	1072626	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	866207	81.710	ng		-0.02
7) Phenol-d6	6.949	99	1111241	81.761	ng		-0.02
23) Nitrobenzene-d5	8.908	82	1142153	80.798	ng		-0.03
42) 2,4,6-Tribromophenol	15.901	330	477313	80.257	ng		-0.01
45) 2-Fluorobiphenyl	12.996	172	2568085	79.434	ng		-0.02
79) Terphenyl-d14	19.919	244	3938138	76.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	164004	39.496	ng		98
3) Pyridine	3.714	79	447513	39.375	ng		96
4) n-Nitrosodimethylamine	3.620	42	202647	43.249	ng		99
6) Aniline	7.096	93	730840	39.910	ng		99
8) 2-Chlorophenol	7.343	128	479663	40.097	ng		99
9) Benzaldehyde	6.914	77	471200	49.484	ng		97
10) Phenol	6.978	94	576274	40.408	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	439926	39.577	ng		98
12) 1,3-Dichlorobenzene	7.661	146	522527	39.613	ng		99
13) 1,4-Dichlorobenzene	7.802	146	531141	39.395	ng		98
14) 1,2-Dichlorobenzene	8.113	146	511007	39.154	ng		99
15) Benzyl Alcohol	8.002	79	419439	38.840	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	604113	40.570	ng		98
17) 2-Methylphenol	8.208	107	390244	39.399	ng		99
18) Hexachloroethane	8.837	117	192610	38.854	ng		98
19) n-Nitroso-di-n-propyla...	8.560	70	341386	37.921	ng		97
20) 3+4-Methylphenols	8.531	107	528509	38.494	ng		96
22) Acetophenone	8.578	105	700808	39.080	ng	#	99
24) Nitrobenzene	8.949	77	511679	40.502	ng		99
25) Isophorone	9.472	82	954970	38.173	ng		99
26) 2-Nitrophenol	9.655	139	265575	40.961	ng		96
27) 2,4-Dimethylphenol	9.713	122	435257	39.037	ng		99
28) bis(2-Chloroethoxy)met...	9.943	93	579558	38.325	ng		99
29) 2,4-Dichlorophenol	10.190	162	438318	39.573	ng		98
30) 1,2,4-Trichlorobenzene	10.402	180	461861	38.039	ng		98
31) Naphthalene	10.584	128	1445521	38.894	ng		100
32) Benzoic acid	9.860	122	318836	38.733	ng		98
33) 4-Chloroaniline	10.690	127	637942	38.859	ng		99
34) Hexachlorobutadiene	10.872	225	282057	37.301	ng		99
35) Caprolactam	11.478	113	158398	39.001	ng		98
36) 4-Chloro-3-methylphenol	11.819	107	489418	38.508	ng		98
37) 2-Methylnaphthalene	12.190	142	909060	37.585	ng		100
38) 1-Methylnaphthalene	12.413	142	972421	37.806	ng		99
40) 1,2,4,5-Tetrachloroben...	12.566	216	517533	40.556	ng		99
41) Hexachlorocyclopentadiene	12.543	237	341951	44.362	ng		98
43) 2,4,6-Trichlorophenol	12.807	196	350304	40.662	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 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 18:14:31 2025
Response via : Initial Calibration

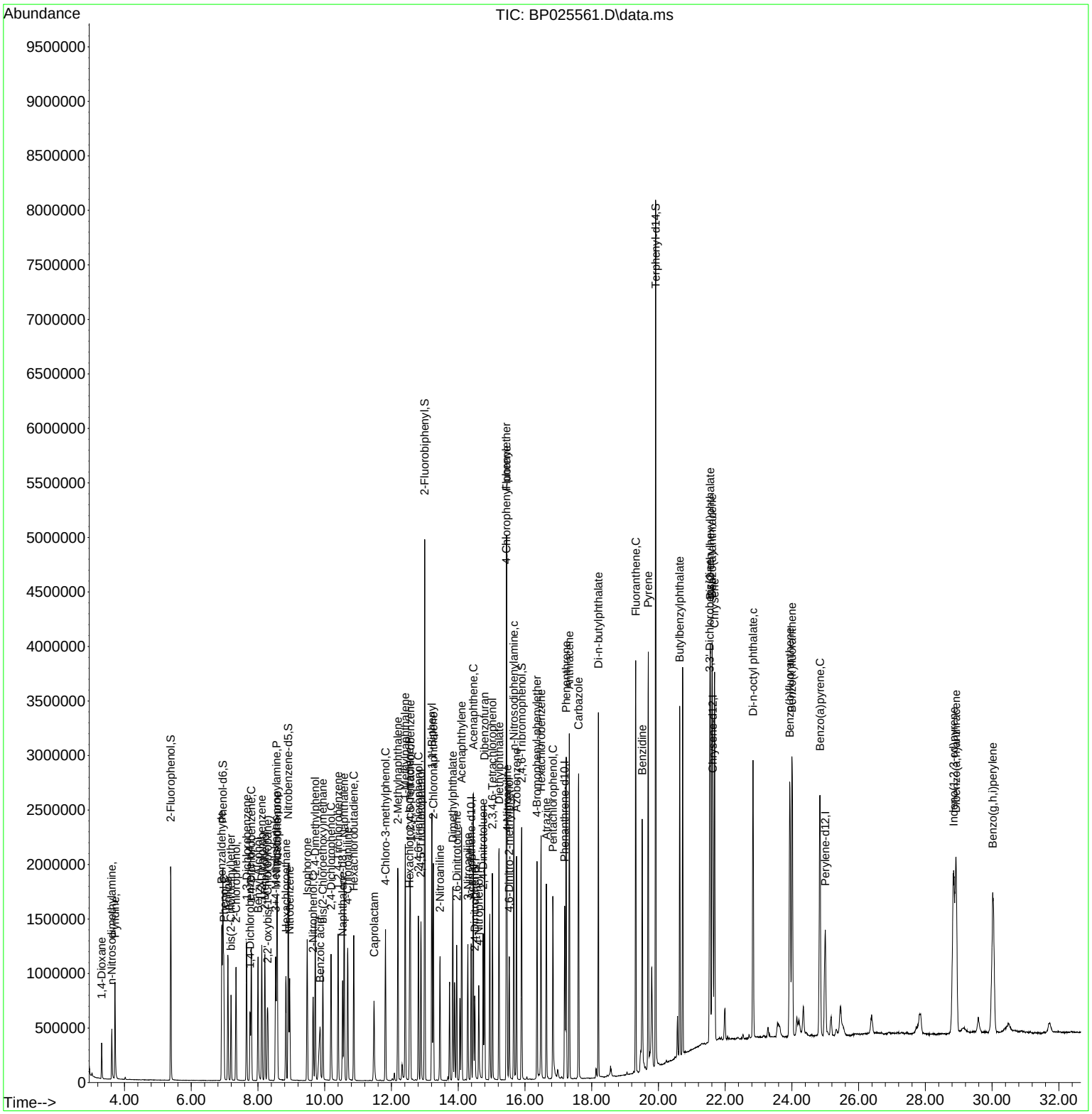
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	384419	40.714	ng		98
46) 1,1'-Biphenyl	13.213	154	1286448	40.089	ng		100
47) 2-Chloronaphthalene	13.254	162	1012747	40.540	ng		98
48) 2-Nitroaniline	13.454	65	310261	42.624	ng		97
49) Acenaphthylene	14.101	152	1654557	40.026	ng		100
50) Dimethylphthalate	13.837	163	1261530	38.989	ng		100
51) 2,6-Dinitrotoluene	13.954	165	280736	41.166	ng		99
52) Acenaphthene	14.454	154	949333	39.125	ng		100
53) 3-Nitroaniline	14.290	138	321796	41.940	ng		99
54) 2,4-Dinitrophenol	14.495	184	194290	53.348	ng		98
55) Dibenzofuran	14.790	168	1515005	39.493	ng		98
56) 4-Nitrophenol	14.619	139	262827	41.685	ng		97
57) 2,4-Dinitrotoluene	14.748	165	407706	41.902	ng		99
58) Fluorene	15.448	166	1195914	39.508	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	335646	40.260	ng		99
60) Diethylphthalate	15.225	149	1282145	38.998	ng		98
61) 4-Chlorophenyl-phenyle...	15.442	204	582242	38.676	ng		99
62) 4-Nitroaniline	15.466	138	335838	42.695	ng		96
63) Azobenzene	15.748	77	1144968	40.672	ng		98
65) 4,6-Dinitro-2-methylph...	15.531	198	263920	47.015	ng		93
66) n-Nitrosodiphenylamine	15.666	169	1082642	39.425	ng		99
67) 4-Bromophenyl-phenylether	16.360	248	383257	38.696	ng		95
68) Hexachlorobenzene	16.484	284	437353	38.094	ng		98
69) Atrazine	16.642	200	398927	38.790	ng		98
70) Pentachlorophenol	16.837	266	281026	38.776	ng		98
71) Phenanthrene	17.236	178	1950284	39.424	ng		99
72) Anthracene	17.331	178	2005437	39.697	ng		100
73) Carbazole	17.607	167	1910675	40.154	ng		99
74) Di-n-butylphthalate	18.201	149	2284164	39.016	ng		99
75) Fluoranthene	19.319	202	2298328	38.949	ng		100
77) Benzidine	19.513	184	1385115	42.933	ng		100
78) Pyrene	19.695	202	2407357	39.180	ng		99
80) Butylbenzylphthalate	20.636	149	1084601	38.948	ng		98
81) Benzo(a)anthracene	21.607	228	2424158	38.883	ng		100
82) 3,3'-Dichlorobenzidine	21.536	252	921505	39.214	ng		99
83) Chrysene	21.683	228	2278817	39.030	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1511370	36.870	ng		100
85) Di-n-octyl phthalate	22.836	149	2624413	37.221	ng		98
87) Indeno(1,2,3-cd)pyrene	28.848	276	3113666	39.583	ng	#	88
88) Benzo(b)fluoranthene	23.936	252	2453244	38.787	ng		100
89) Benzo(k)fluoranthene	24.001	252	2502757	39.543	ng		99
90) Benzo(a)pyrene	24.842	252	2445905	39.726	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	2581244	40.154	ng		98
92) Benzo(g,h,i)perylene	30.018	276	2517967	39.848	ng		99

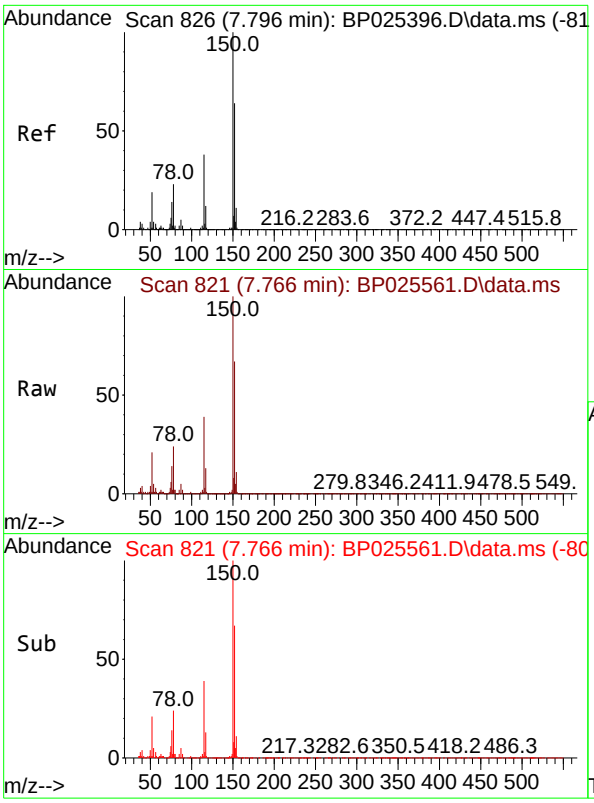
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 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 18:14:31 2025
Response via : Initial Calibration



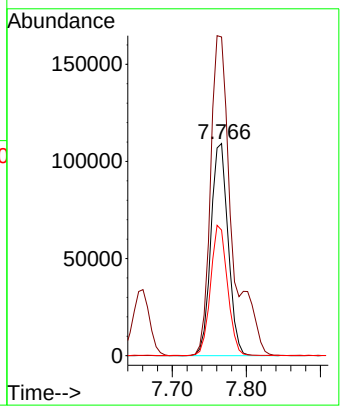


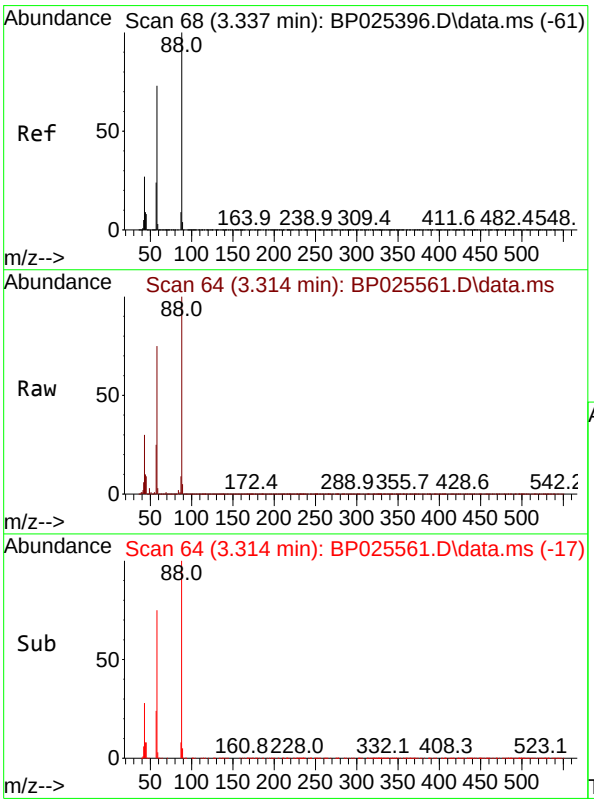
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 8
Delta R.T. -0.030 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 176050

Ion	Ratio	Lower	Upper
152	100		
150	150.2	125.9	188.9
115	59.2	48.5	72.7

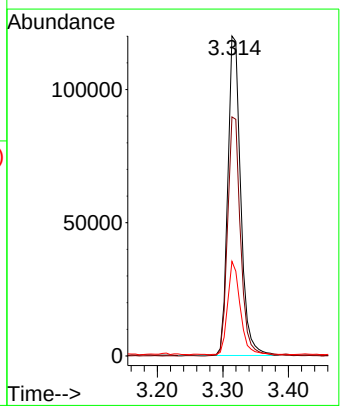


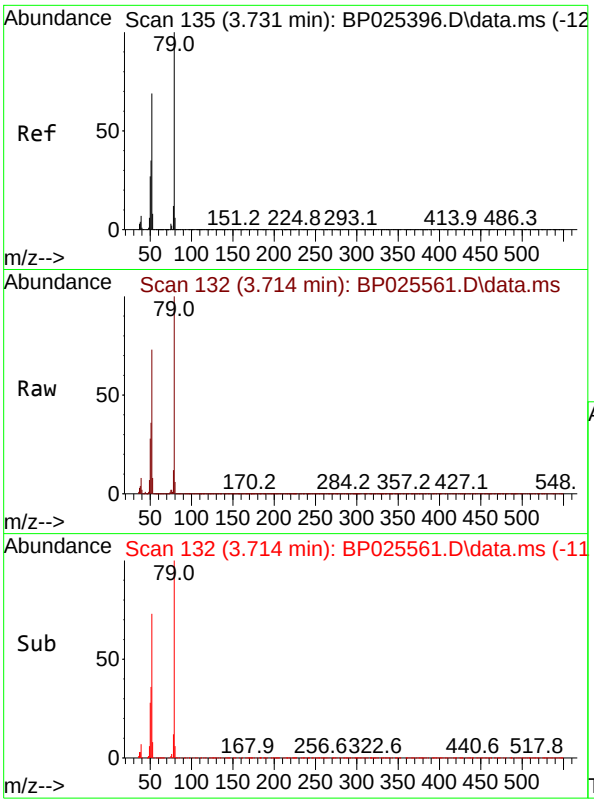


#2
1,4-Dioxane
Concen: 39.496 ng
RT: 3.314 min Scan# 64
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion: 88 Resp: 164004

Ion	Ratio	Lower	Upper
88	100		
58	75.2	59.2	88.8
43	28.9	21.7	32.5



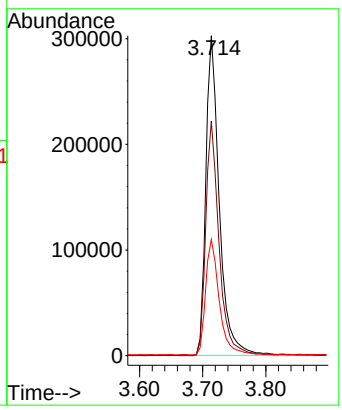


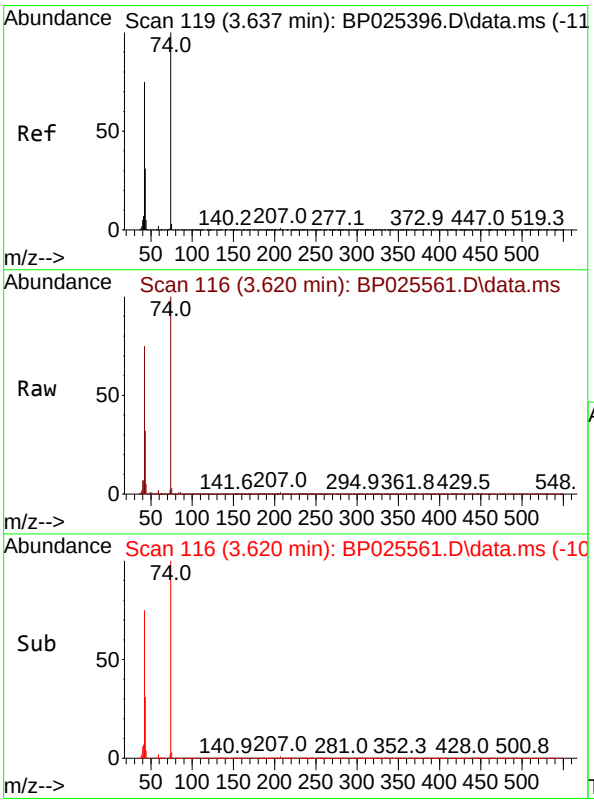
#3
Pyridine
Concen: 39.375 ng
RT: 3.714 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 447513

Ion	Ratio	Lower	Upper
79	100		
52	73.3	55.5	83.3
51	36.3	28.3	42.5

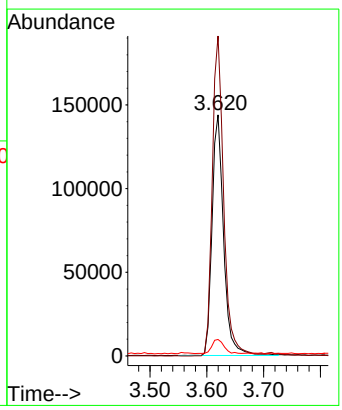


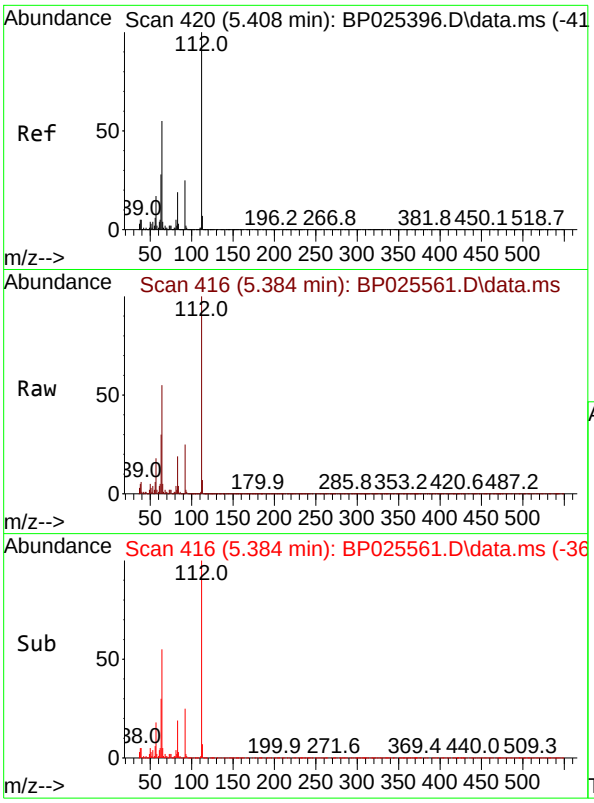


#4
n-Nitrosodimethylamine
Concen: 43.249 ng
RT: 3.620 min Scan# 116
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion: 42 Resp: 202647

Ion	Ratio	Lower	Upper
42	100		
74	132.7	107.0	160.4
44	6.8	6.2	9.4



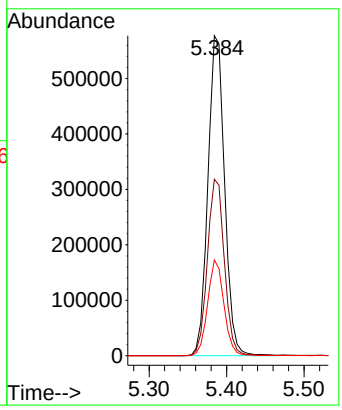


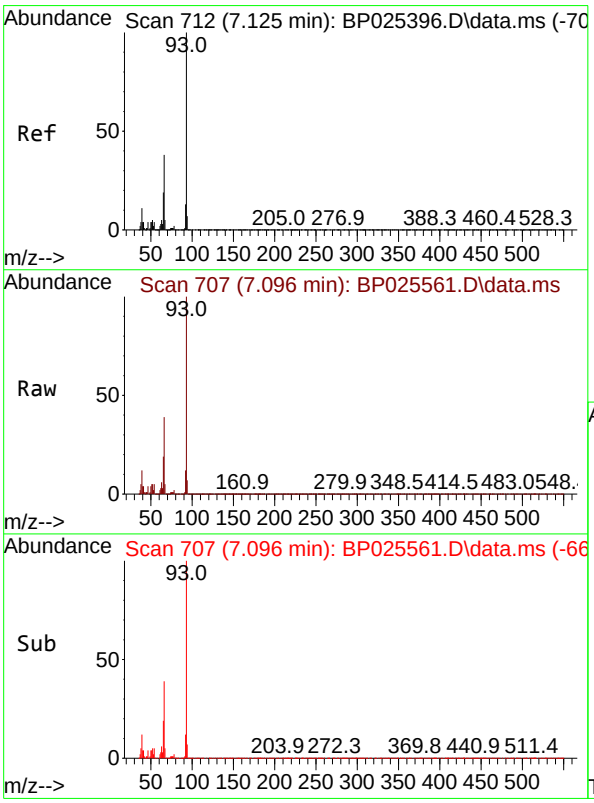
#5
2-Fluorophenol
Concen: 81.710 ng
RT: 5.384 min Scan# 41
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 866207

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.8	65.8
63	29.9	22.7	34.1

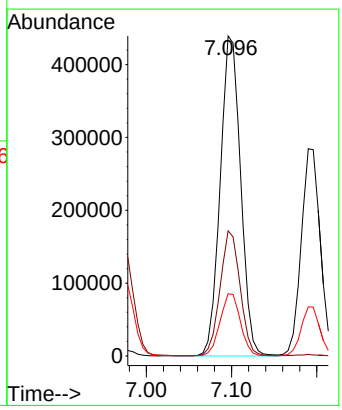


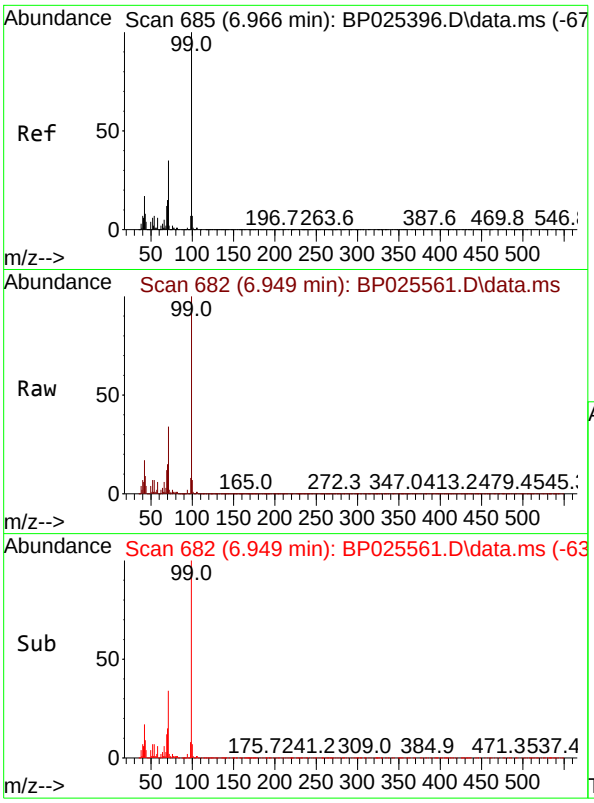


#6
Aniline
Concen: 39.910 ng
RT: 7.096 min Scan# 707
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion: 93 Resp: 730840

Ion	Ratio	Lower	Upper
93	100		
66	39.1	30.4	45.6
65	19.5	15.3	22.9



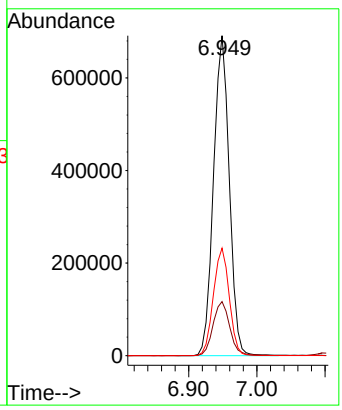


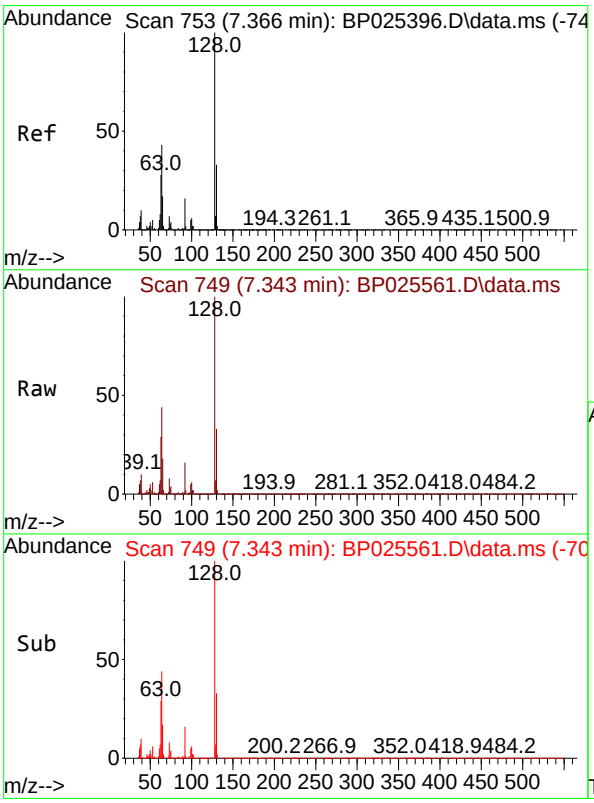
#7
Phenol-d6
Concen: 81.761 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1111241

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.7	20.5
71	33.6	28.2	42.4

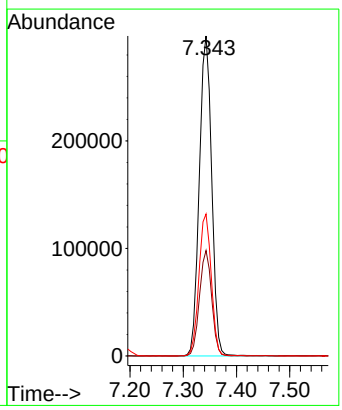


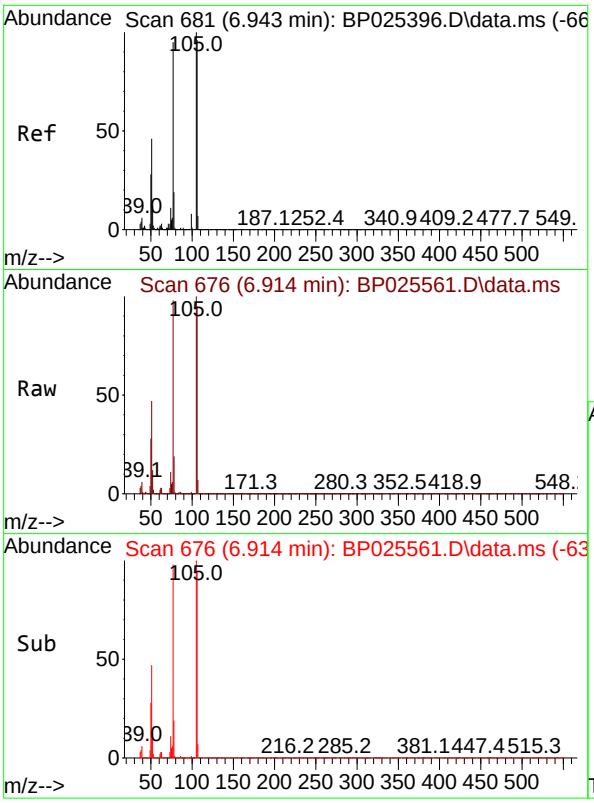


#8
2-Chlorophenol
Concen: 40.097 ng
RT: 7.343 min Scan# 749
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:128 Resp: 479663

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	44.4	23.4	63.4



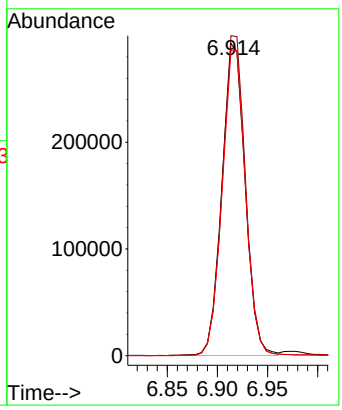


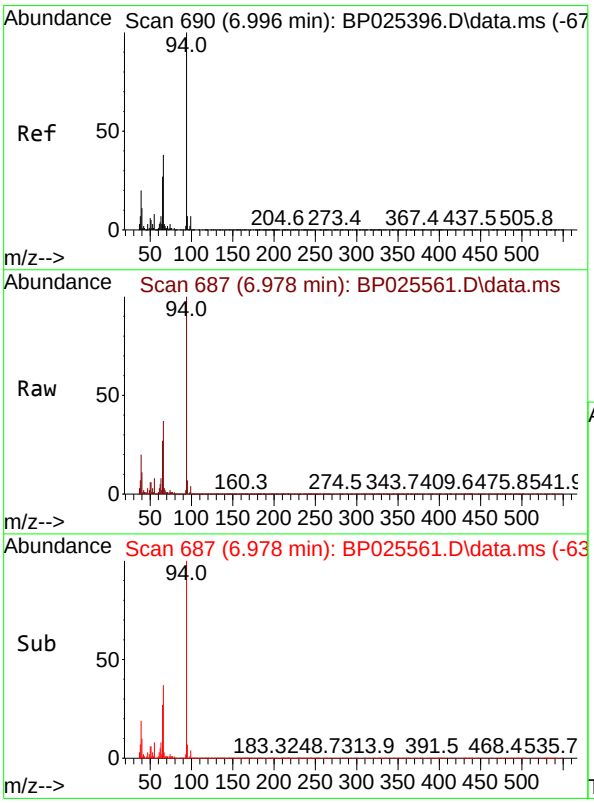
#9
Benzaldehyde
Concen: 49.484 ng
RT: 6.914 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 471200

Ion	Ratio	Lower	Upper
77	100		
105	102.4	84.8	124.8
106	97.8	80.5	120.5

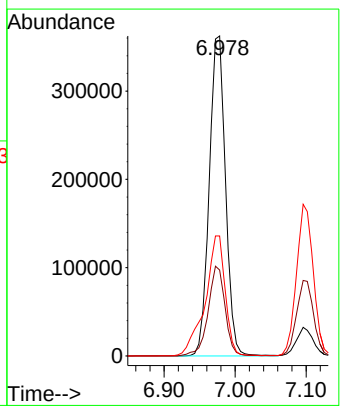


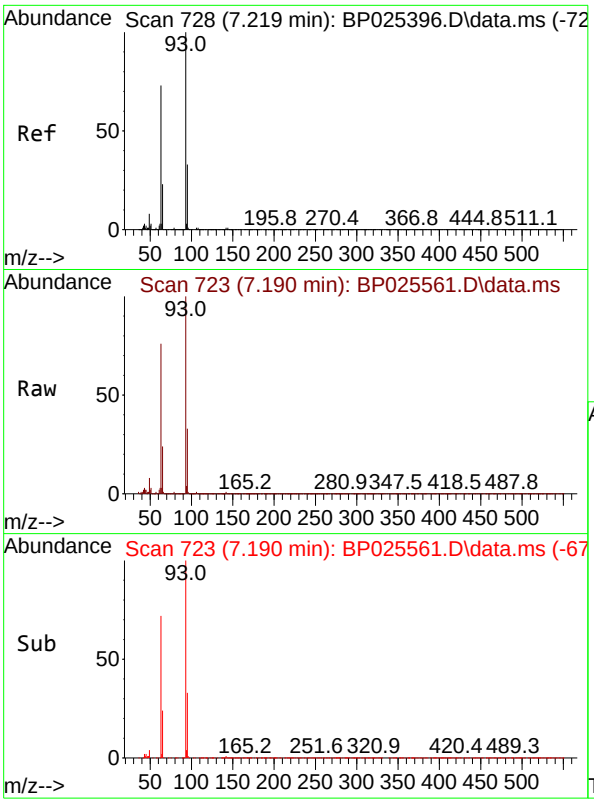


#10
Phenol
Concen: 40.408 ng
RT: 6.978 min Scan# 687
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion: 94 Resp: 576274

Ion	Ratio	Lower	Upper
94	100		
65	26.9	6.8	46.8
66	37.5	18.2	58.2



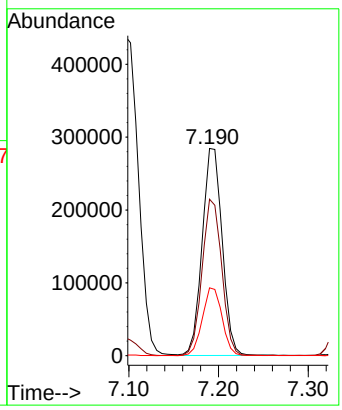


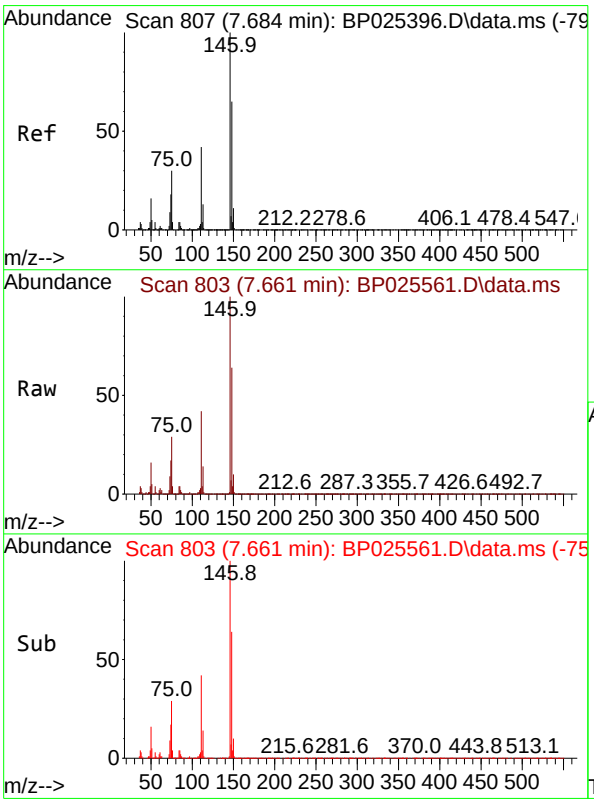
#11
bis(2-Chloroethyl)ether
Concen: 39.577 ng
RT: 7.190 min Scan# 7
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 439926

Ion	Ratio	Lower	Upper
93	100		
63	75.5	52.6	92.6
95	32.7	12.7	52.7

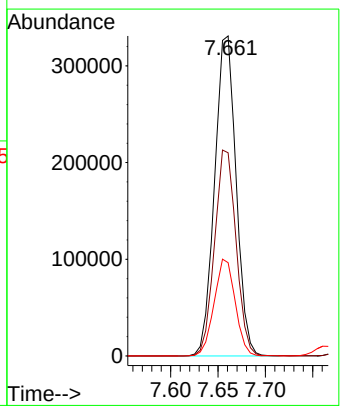


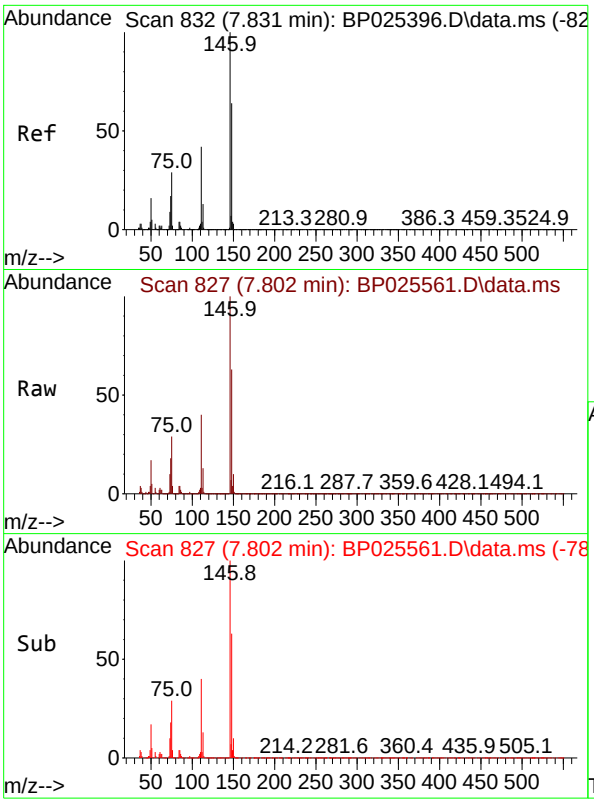


#12
1,3-Dichlorobenzene
Concen: 39.613 ng
RT: 7.661 min Scan# 803
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:146 Resp: 522527

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
75	29.1	23.7	35.5



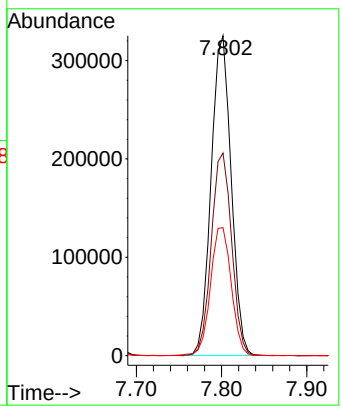


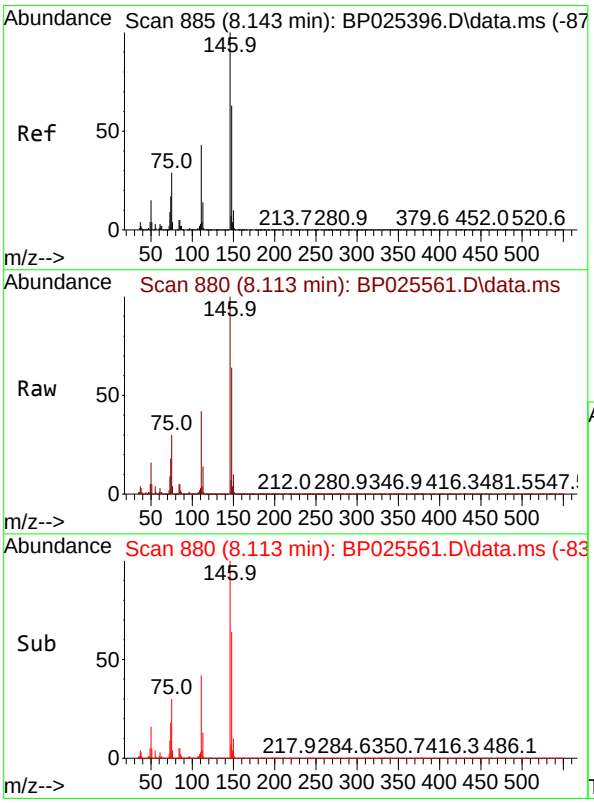
#13
1,4-Dichlorobenzene
Concen: 39.395 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 531141

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	40.0	33.4	50.0

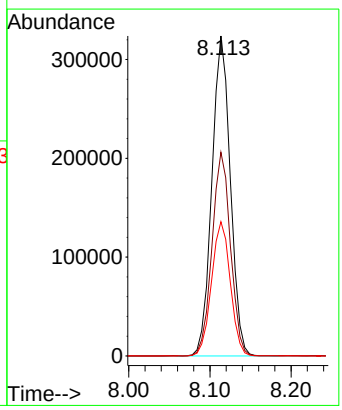


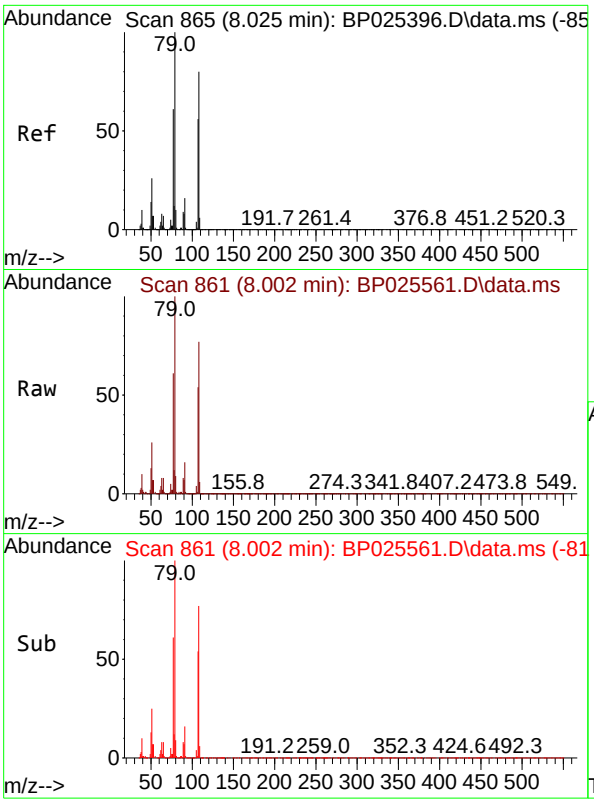


#14
1,2-Dichlorobenzene
Concen: 39.154 ng
RT: 8.113 min Scan# 880
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:146 Resp: 511007

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	42.0	34.5	51.7



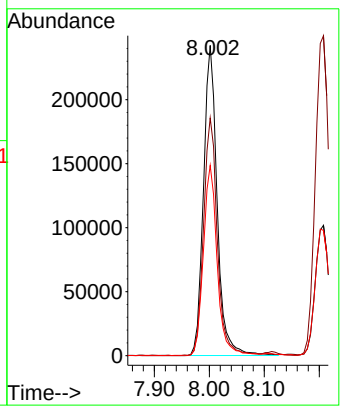


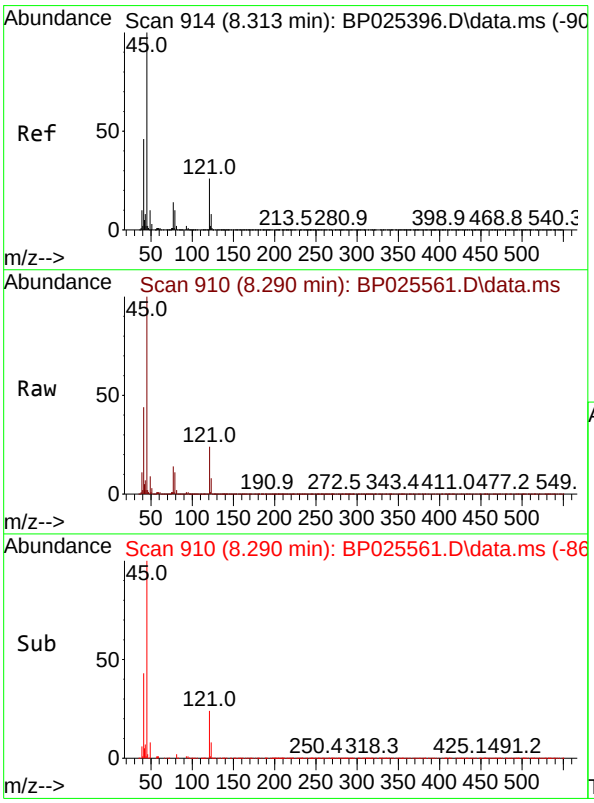
#15
Benzyl Alcohol
Concen: 38.840 ng
RT: 8.002 min Scan# 8
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 419439

Ion	Ratio	Lower	Upper
79	100		
108	76.7	63.8	95.6
77	61.4	49.0	73.4

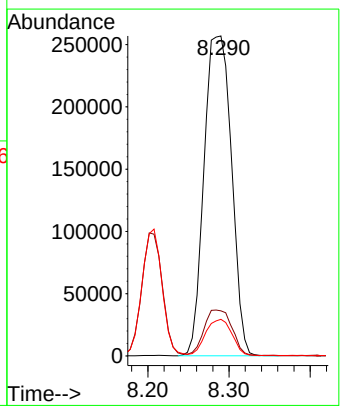


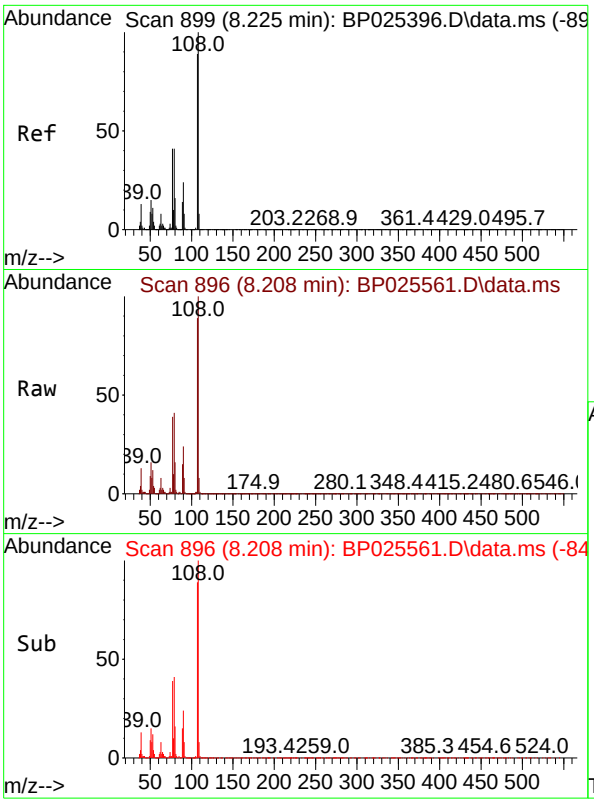


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.570 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion: 45 Resp: 604113

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.3
79	11.4	0.0	31.8



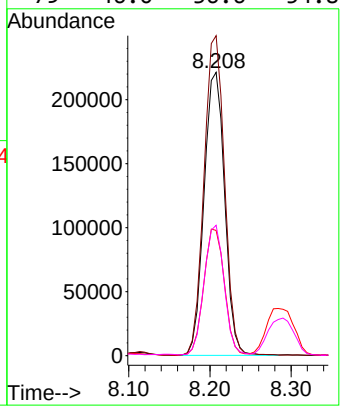


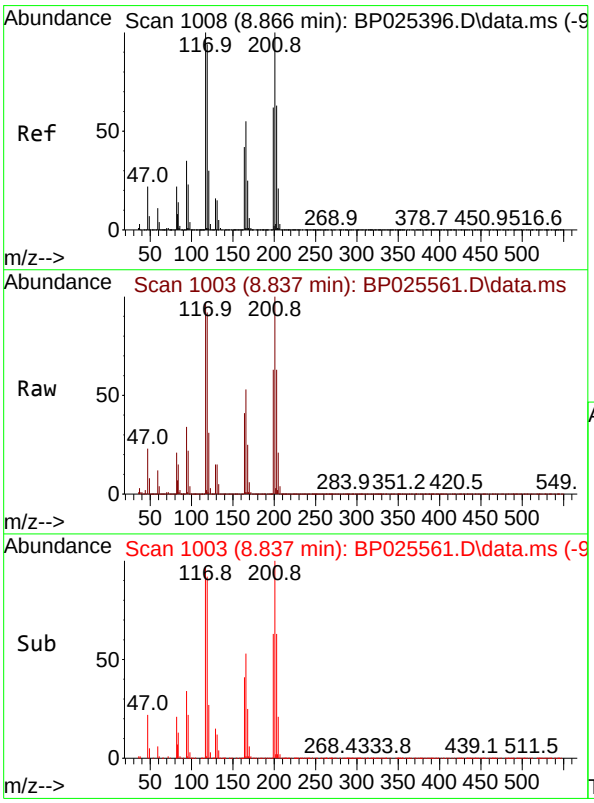
#17
2-Methylphenol
Concen: 39.399 ng
RT: 8.208 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 390244

Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.4	134.0
77	44.2	36.3	54.5
79	46.0	36.6	54.8

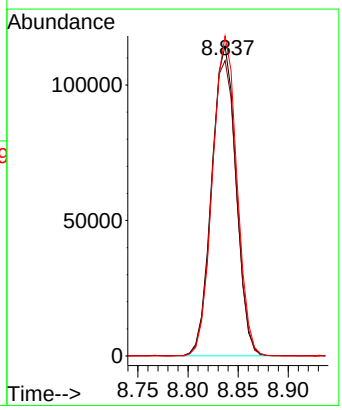


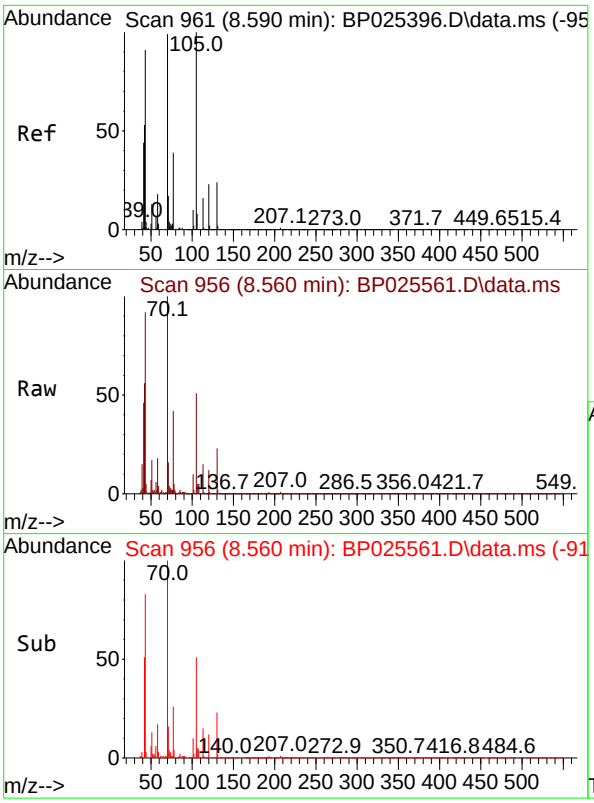


#18
Hexachloroethane
Concen: 38.854 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:117 Resp: 192610

Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.1	112.7
201	103.2	80.1	120.1



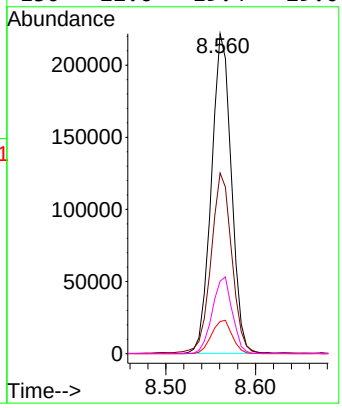


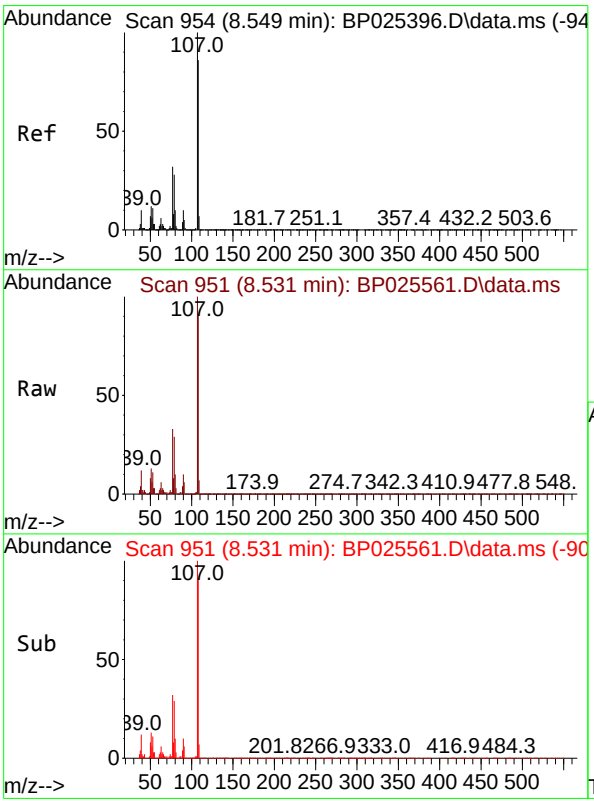
#19
n-Nitroso-di-n-propylamine
Concen: 37.921 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 341386

Ion	Ratio	Lower	Upper
70	100		
42	56.5	43.8	65.6
101	10.1	8.5	12.7
130	22.6	19.4	29.0

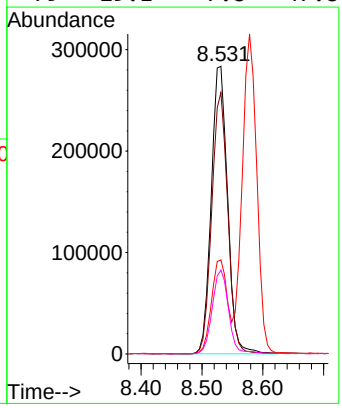


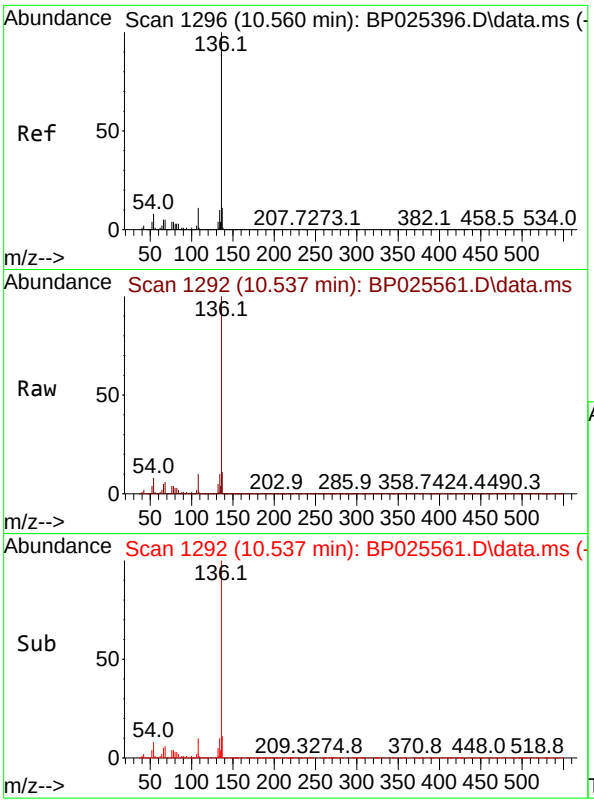


#20
3+4-Methylphenols
Concen: 38.494 ng
RT: 8.531 min Scan# 951
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:107 Resp: 528509

Ion	Ratio	Lower	Upper
107	100		
108	90.9	66.3	106.3
77	32.7	12.3	52.3
79	29.1	7.8	47.8



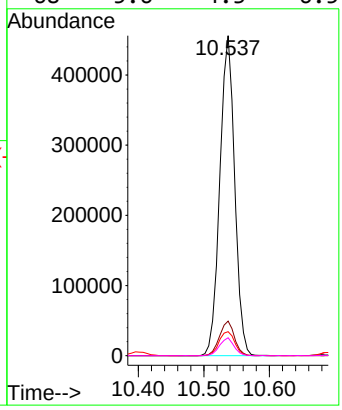


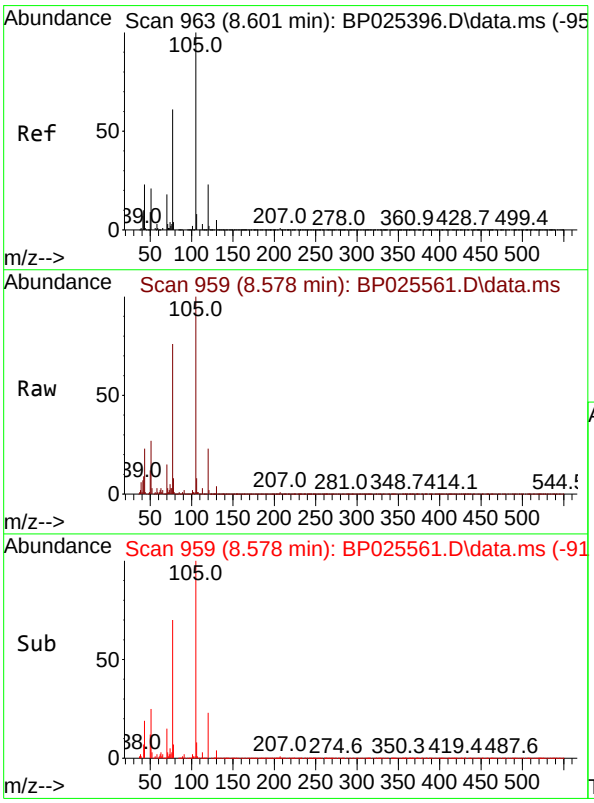
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 715069

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.5	6.0	9.0
68	5.6	4.3	6.5

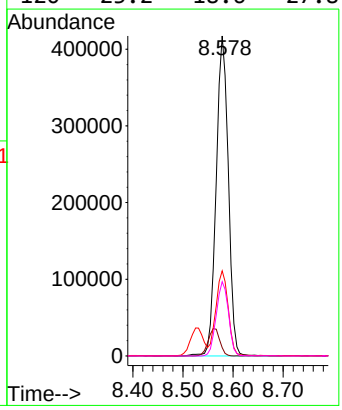


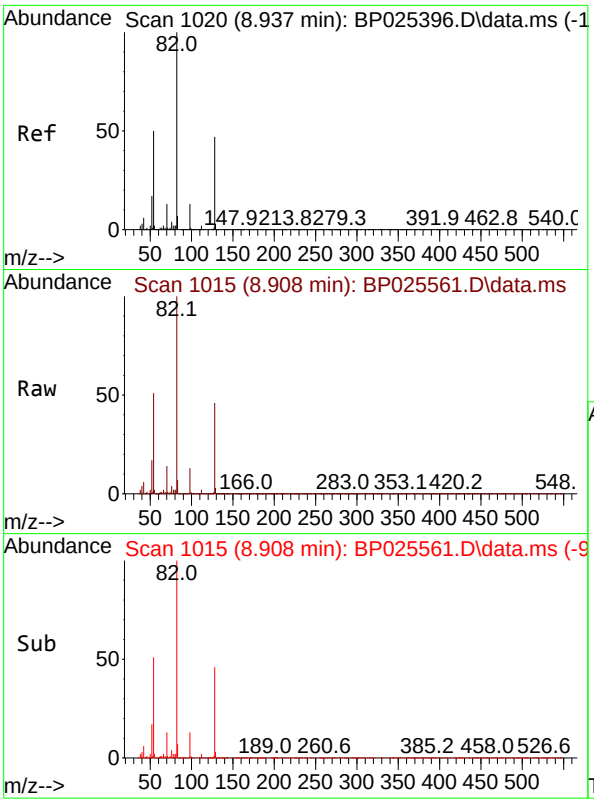


#22
Acetophenone
Concen: 39.080 ng
RT: 8.578 min Scan# 959
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:105 Resp: 700808

Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.6	4.0#
51	26.6	20.6	30.8
120	23.2	18.6	27.8



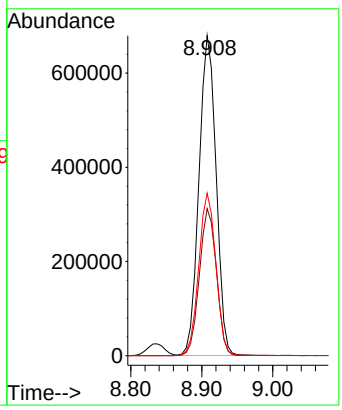


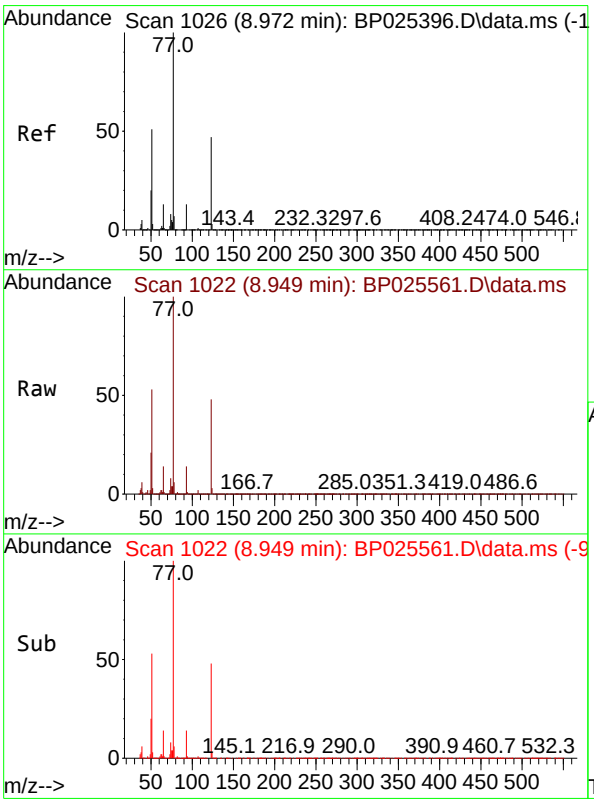
#23
Nitrobenzene-d5
Concen: 80.798 ng
RT: 8.908 min Scan# 1(
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1142153

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.7	56.5
54	50.8	39.8	59.6

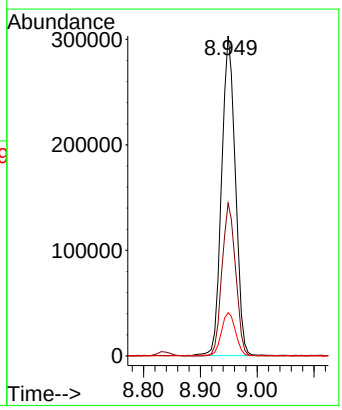


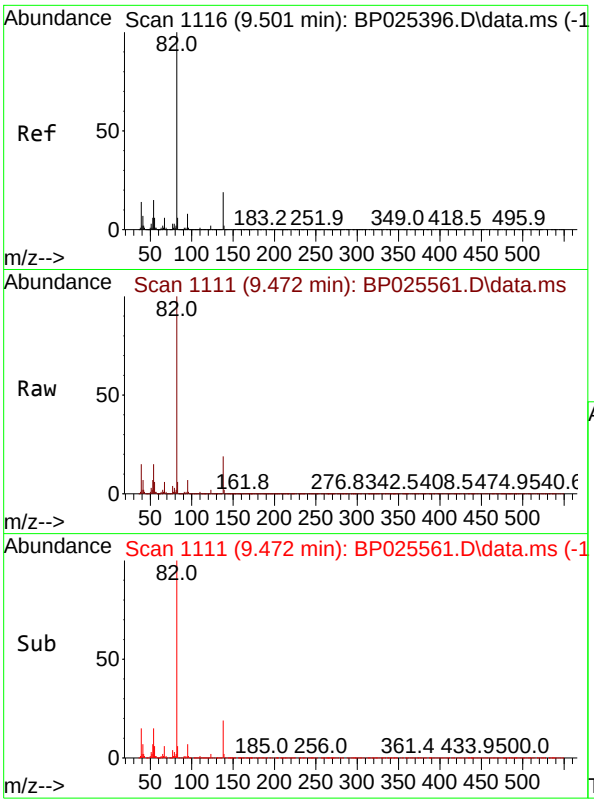


#24
Nitrobenzene
Concen: 40.502 ng
RT: 8.949 min Scan# 1022
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion: 77 Resp: 511679

Ion	Ratio	Lower	Upper
77	100		
123	47.8	38.6	58.0
65	13.5	10.6	15.8



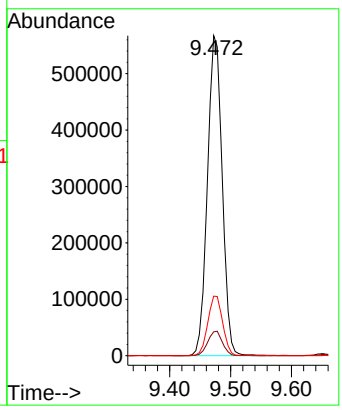


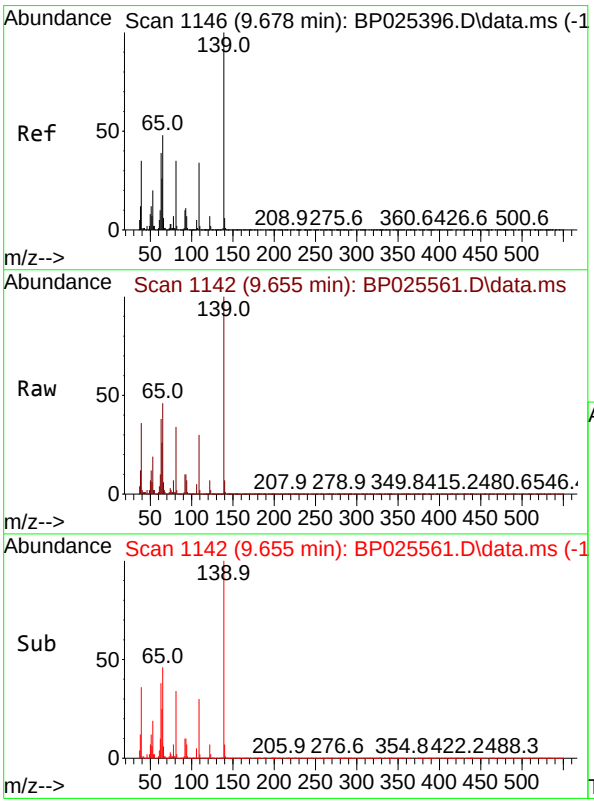
#25
Isophorone
Concen: 38.173 ng
RT: 9.472 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 954970

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.4	9.6
138	18.6	15.4	23.0

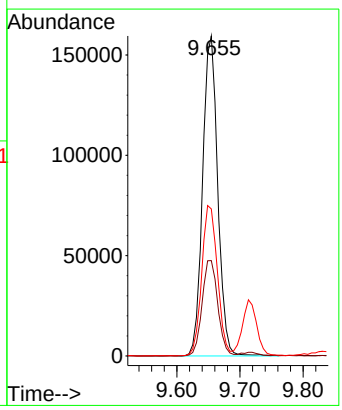


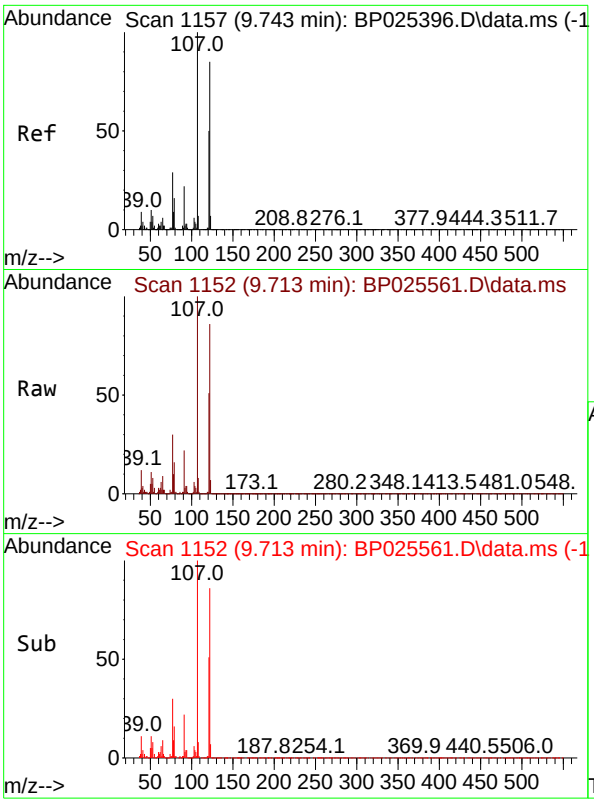


#26
2-Nitrophenol
Concen: 40.961 ng
RT: 9.655 min Scan# 1142
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:139 Resp: 265575

Ion	Ratio	Lower	Upper
139	100		
109	29.8	26.9	40.3
65	45.9	38.3	57.5



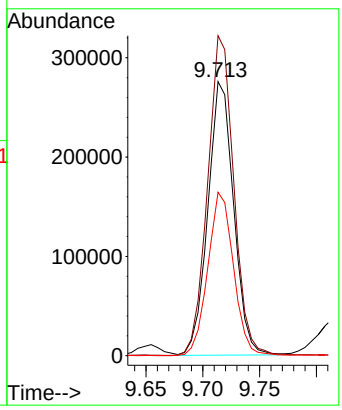


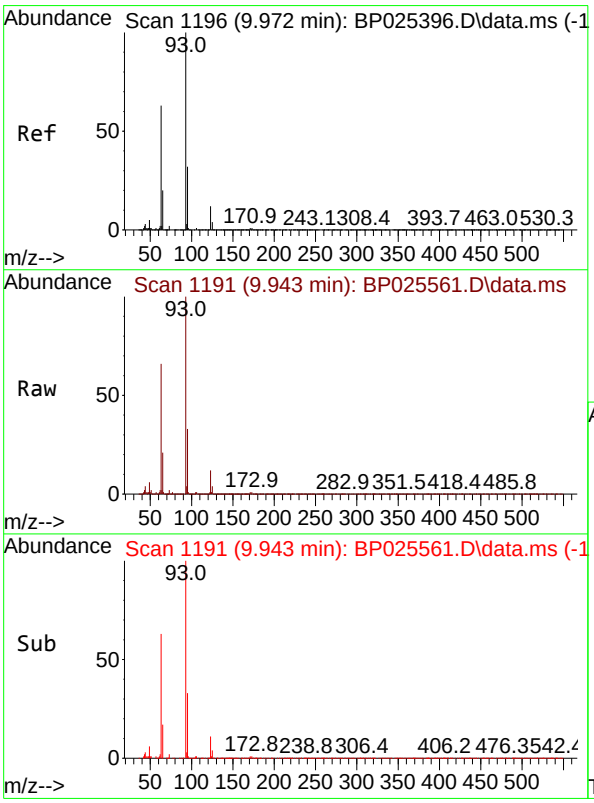
#27
2,4-Dimethylphenol
Concen: 39.037 ng
RT: 9.713 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 435257

Ion	Ratio	Lower	Upper
122	100		
107	116.7	93.7	140.5
121	59.6	46.6	69.8

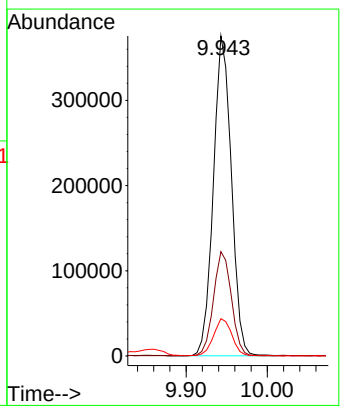


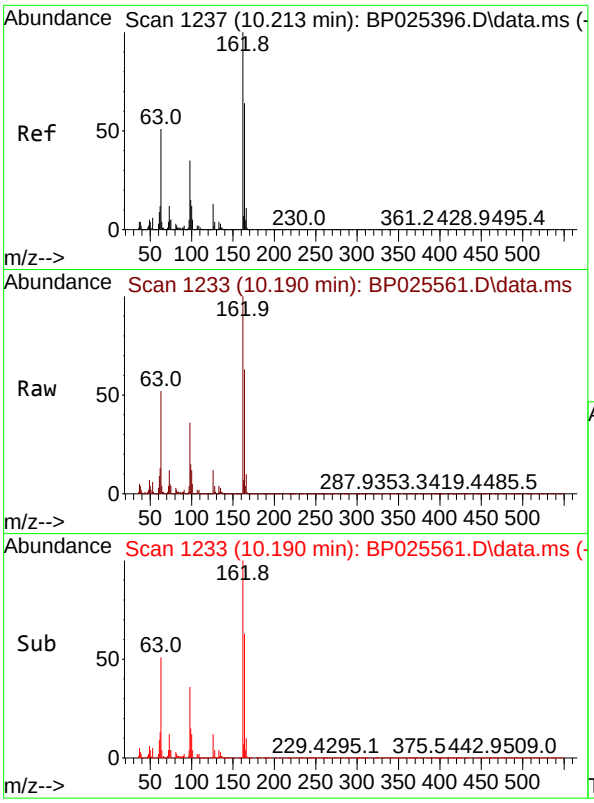


#28
bis(2-Chloroethoxy)methane
Concen: 38.325 ng
RT: 9.943 min Scan# 1191
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion: 93 Resp: 579558

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.0
123	11.6	9.4	14.0



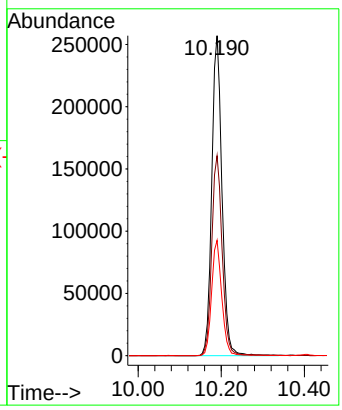


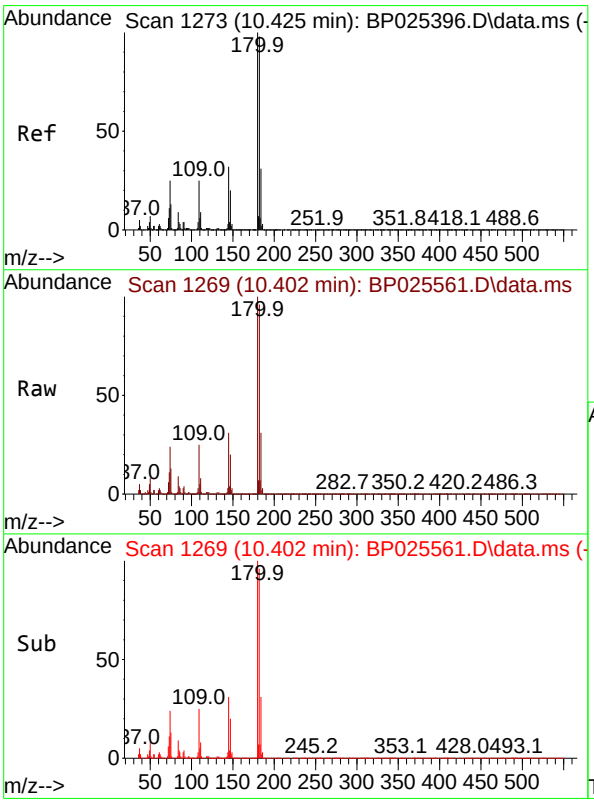
#29
2,4-Dichlorophenol
Concen: 39.573 ng
RT: 10.190 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 438318

Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.4	84.4
98	36.1	14.9	54.9

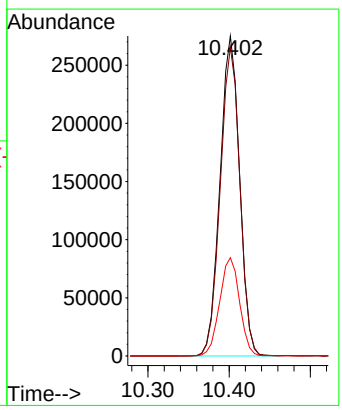


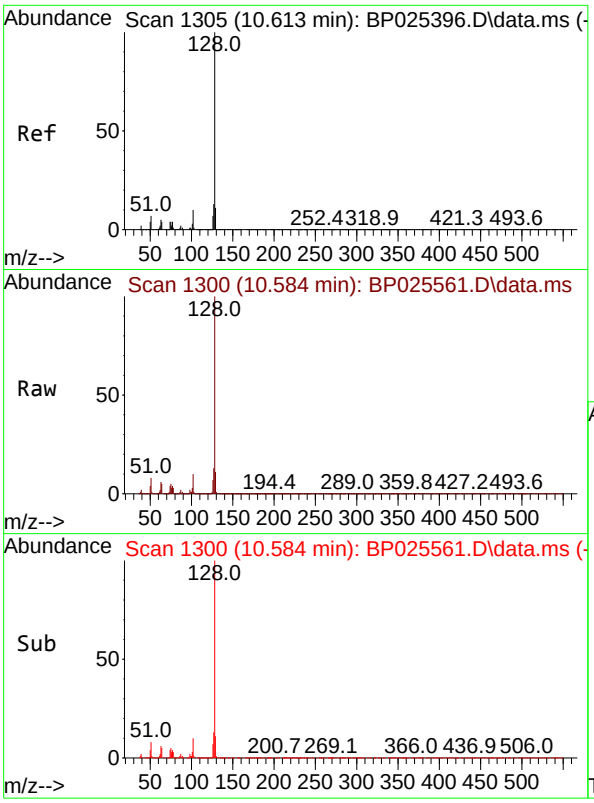


#30
1,2,4-Trichlorobenzene
Concen: 38.039 ng
RT: 10.402 min Scan# 1269
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:180 Resp: 461861

Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.0	117.0
145	30.7	25.9	38.9



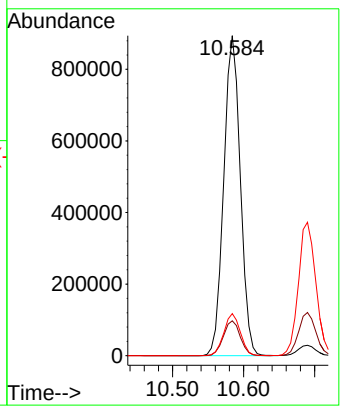


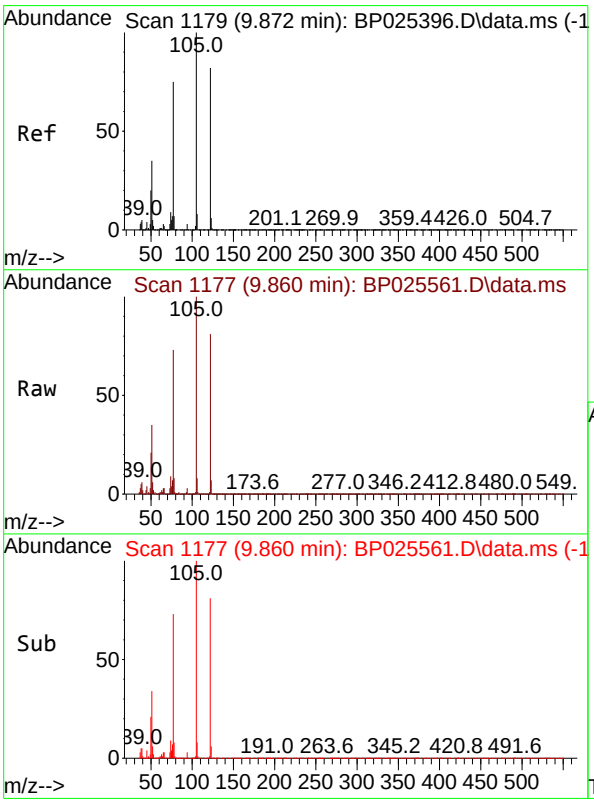
#31
Naphthalene
Concen: 38.894 ng
RT: 10.584 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1445521

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.2	10.7	16.1

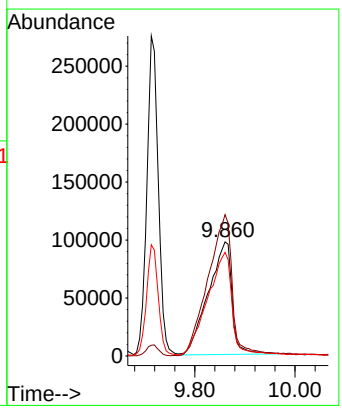


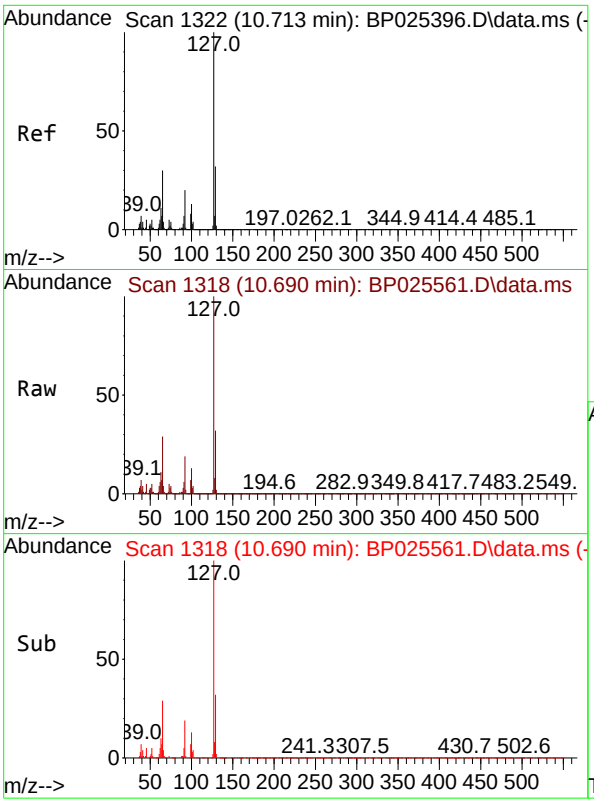


#32
Benzoic acid
Concen: 38.733 ng
RT: 9.860 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:122 Resp: 318836

Ion	Ratio	Lower	Upper
122	100		
105	123.8	100.6	140.6
77	90.7	71.5	111.5



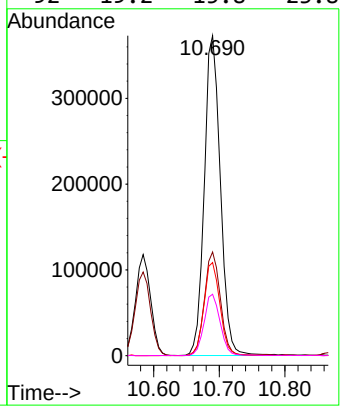


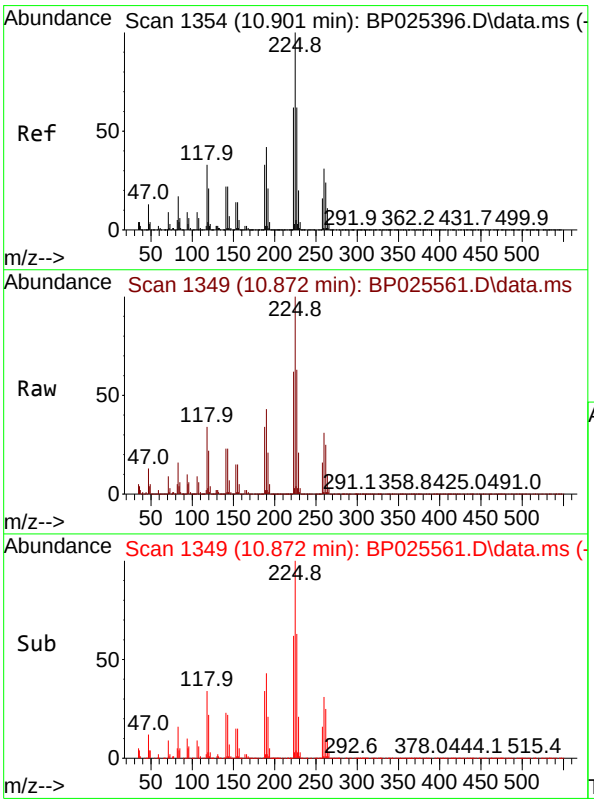
#33
4-Chloroaniline
Concen: 38.859 ng
RT: 10.690 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 637942

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.2
65	29.1	23.8	35.6
92	19.2	15.8	23.8

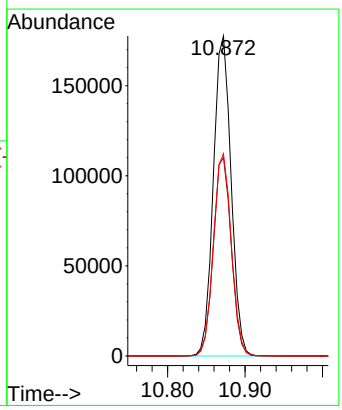


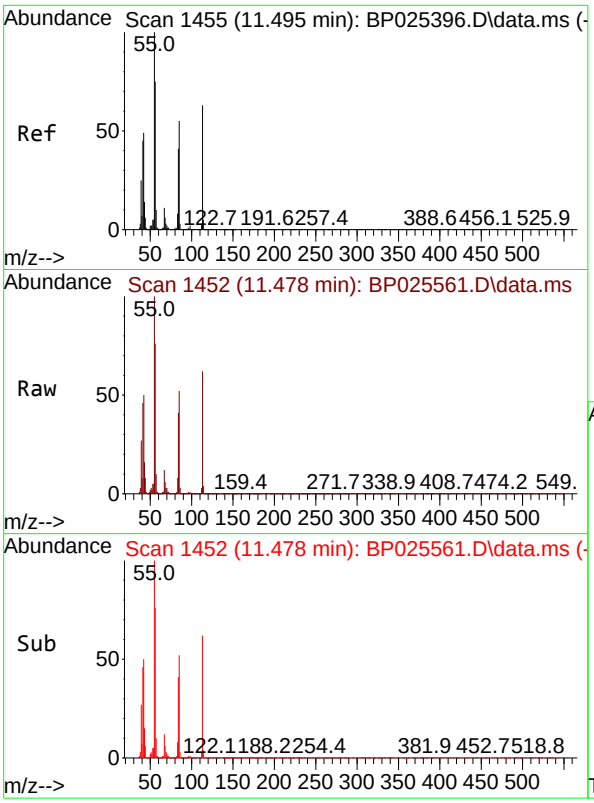


#34
Hexachlorobutadiene
Concen: 37.301 ng
RT: 10.872 min Scan# 1349
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:225 Resp: 282057

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	63.2	49.7	74.5



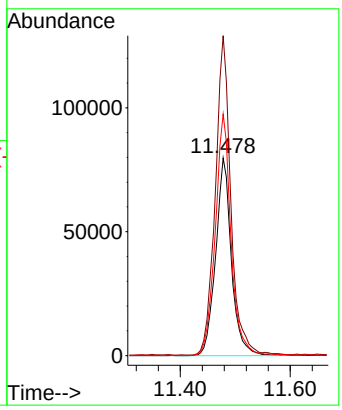


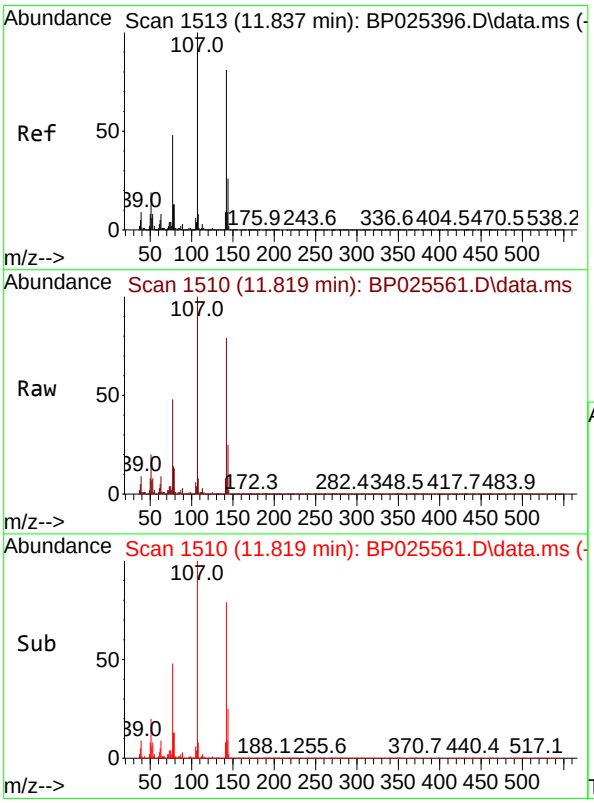
#35
Caprolactam
Concen: 39.001 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 158398

Ion	Ratio	Lower	Upper
113	100		
55	161.9	140.0	180.0
56	122.2	100.0	140.0

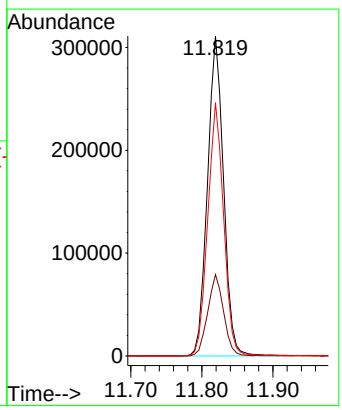


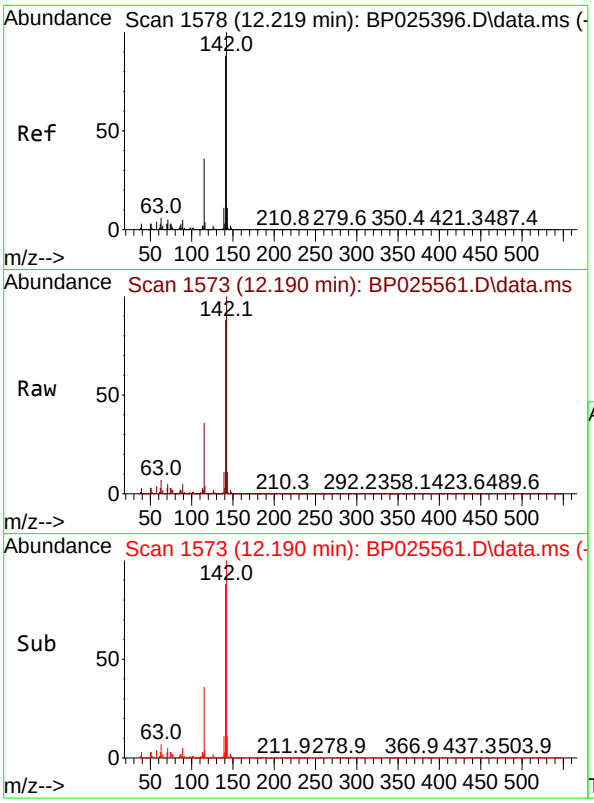


#36
4-Chloro-3-methylphenol
Concen: 38.508 ng
RT: 11.819 min Scan# 1510
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:107 Resp: 489418

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	79.1	64.6	97.0



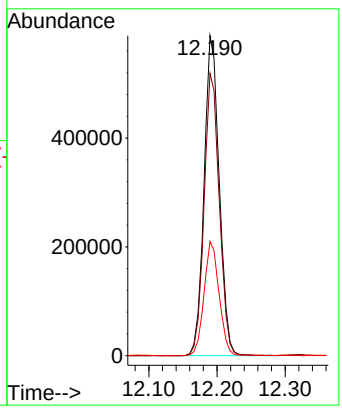


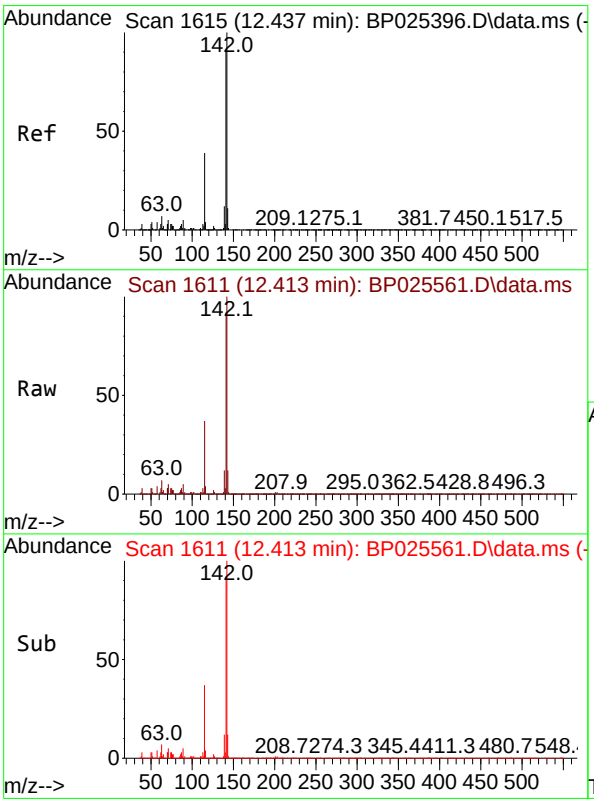
#37
2-Methylnaphthalene
Concen: 37.585 ng
RT: 12.190 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 909060

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	35.7	28.9	43.3

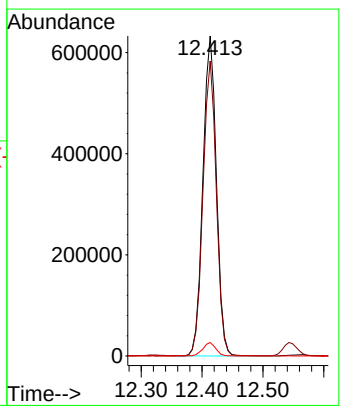


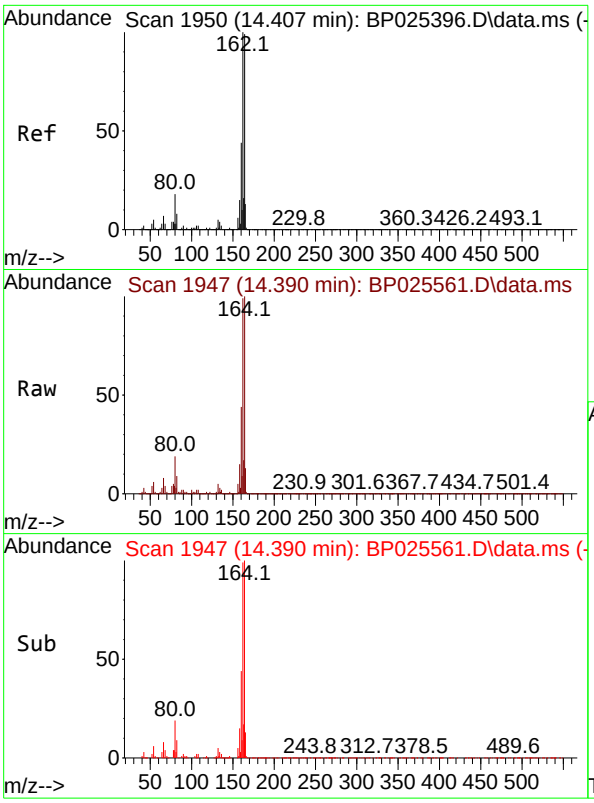


#38
1-Methylnaphthalene
Concen: 37.806 ng
RT: 12.413 min Scan# 1611
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:142 Resp: 972421

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.1	109.7
116	4.2	3.2	4.8



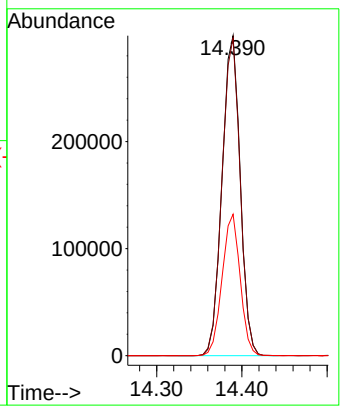


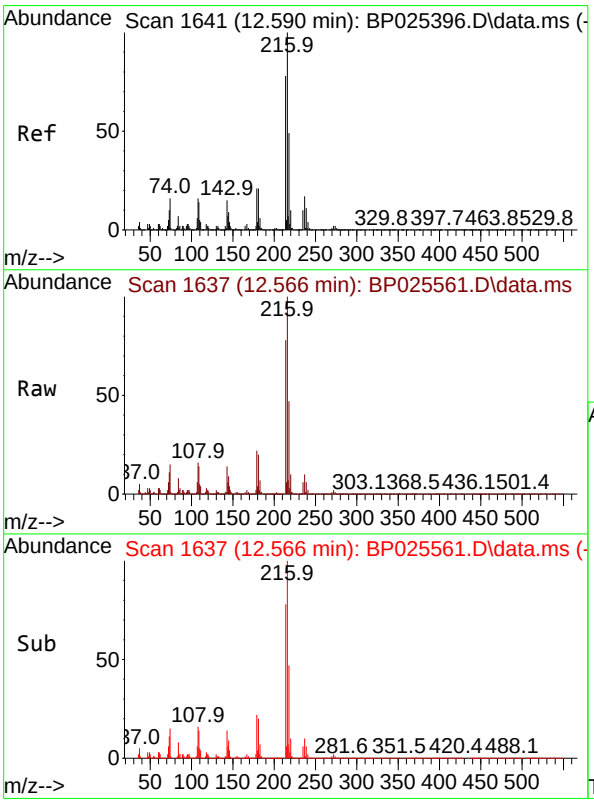
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 441846

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.0	121.6
160	44.2	35.4	53.2

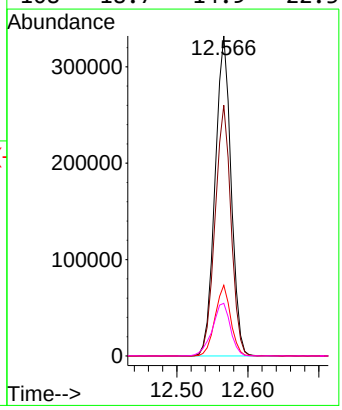


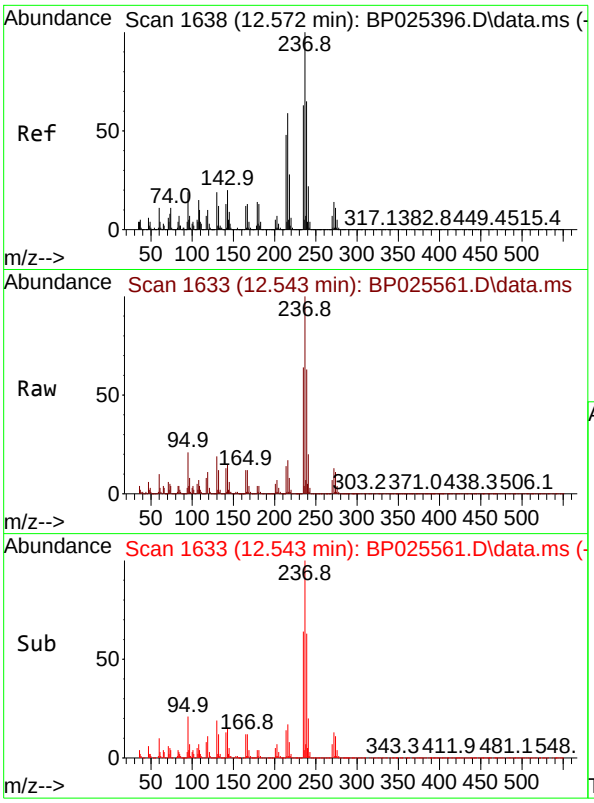


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.556 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:216 Resp: 517533

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	21.6	17.1	25.7
108	18.7	14.9	22.3



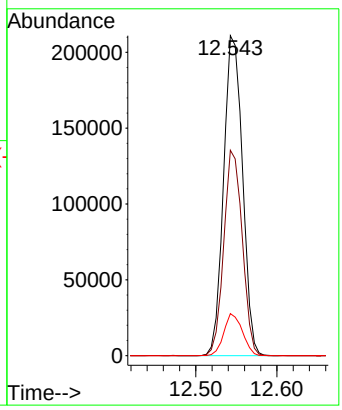


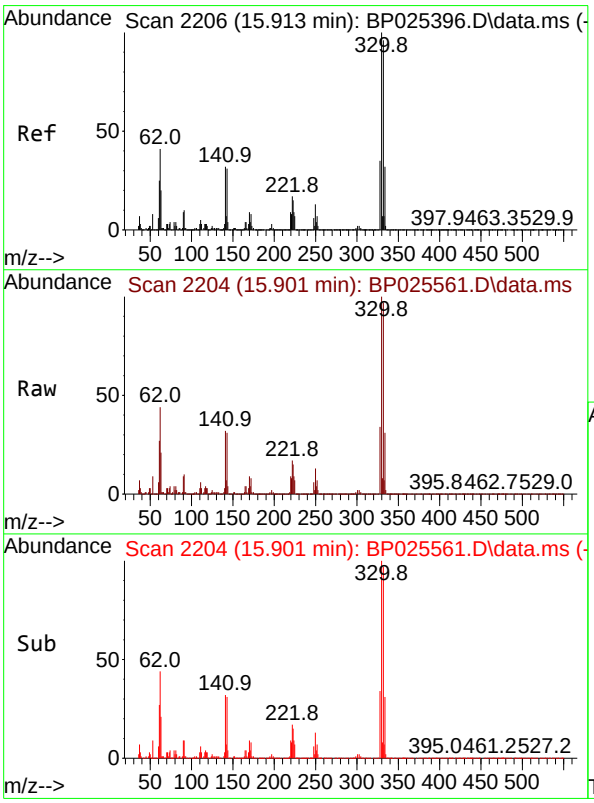
#41
Hexachlorocyclopentadiene
Concen: 44.362 ng
RT: 12.543 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 341951

Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.7	82.7
272	13.1	0.0	34.0

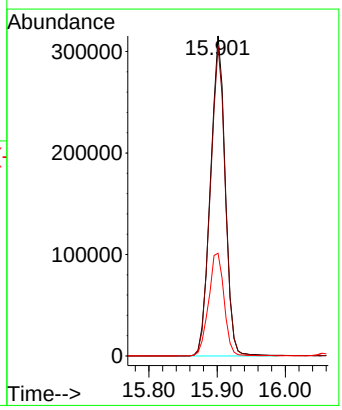


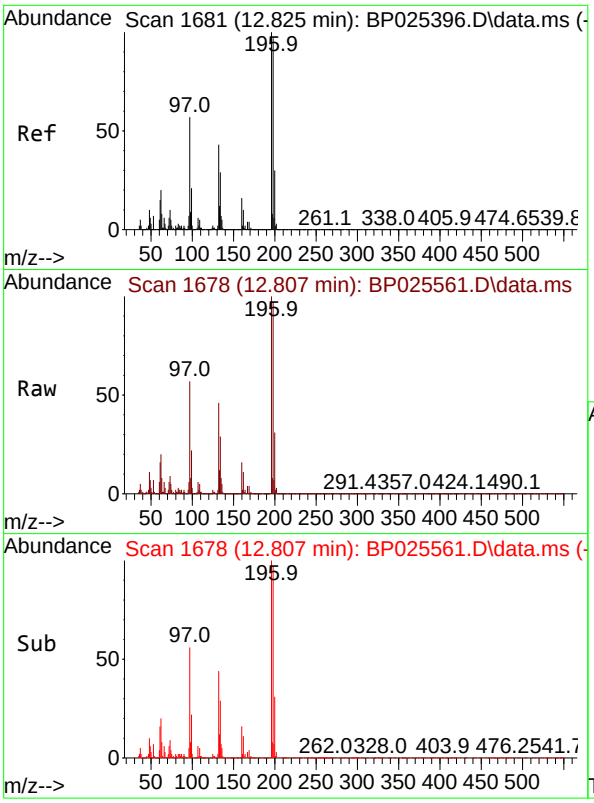


#42
2,4,6-Tribromophenol
Concen: 80.257 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:330 Resp: 477313

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.5	26.6	39.8



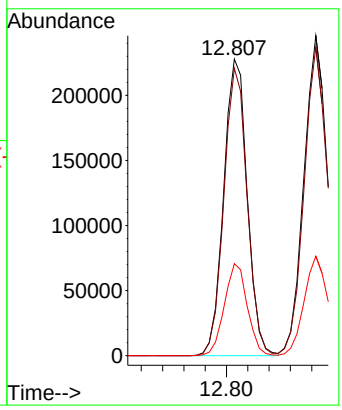


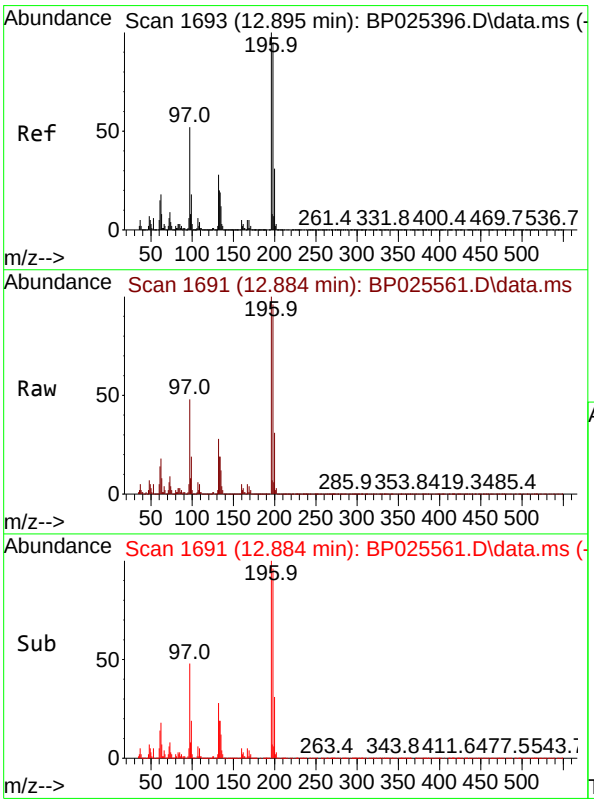
#43
2,4,6-Trichlorophenol
Concen: 40.662 ng
RT: 12.807 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 350304

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.2	115.8
200	31.0	23.9	35.9

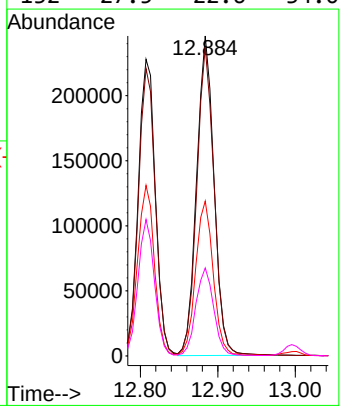


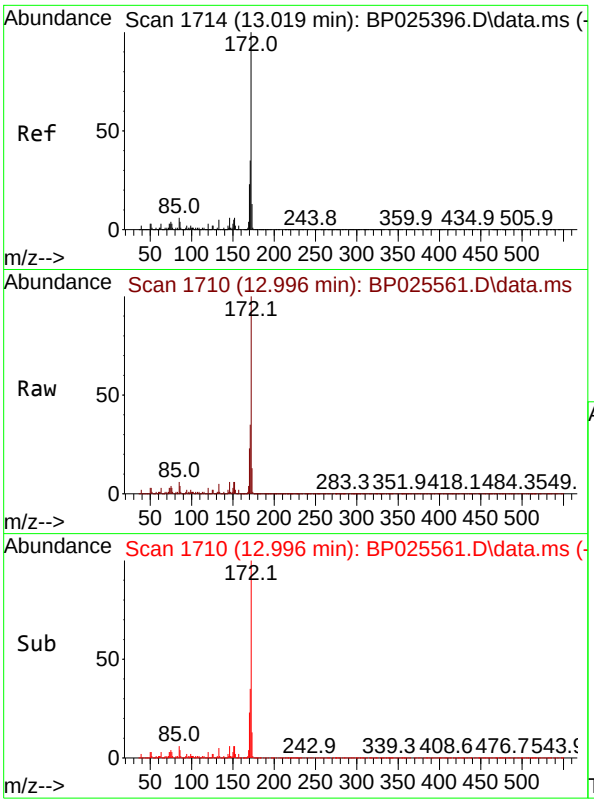


#44
2,4,5-Trichlorophenol
Concen: 40.714 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:196 Resp: 384419

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.2	114.2
97	48.4	41.2	61.8
132	27.5	22.6	34.0



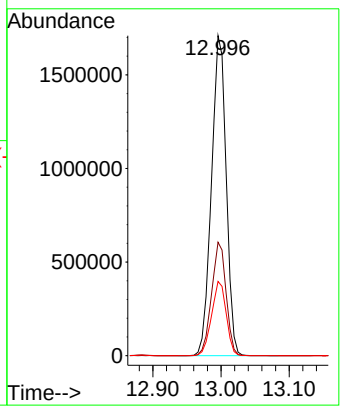


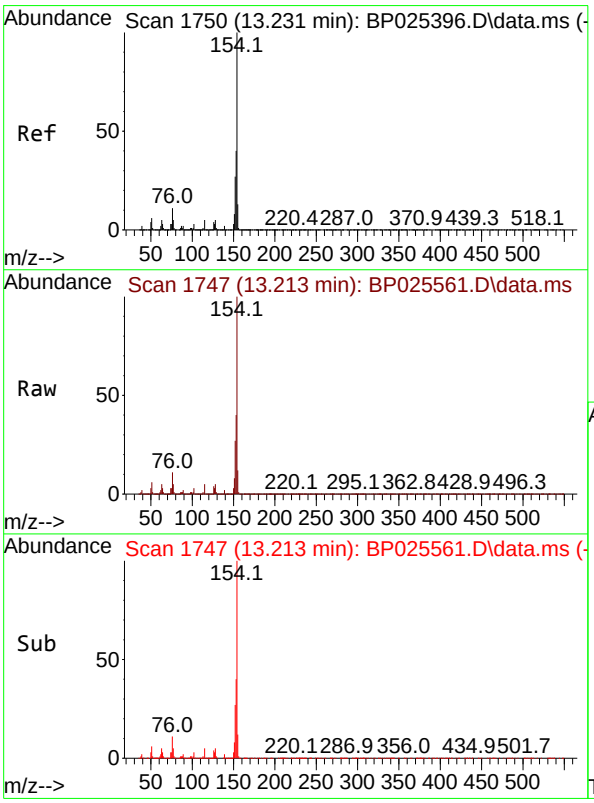
#45
2-Fluorobiphenyl
Concen: 79.434 ng
RT: 12.996 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2568085

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	23.2	18.6	28.0

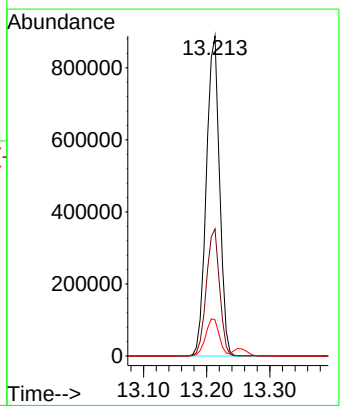


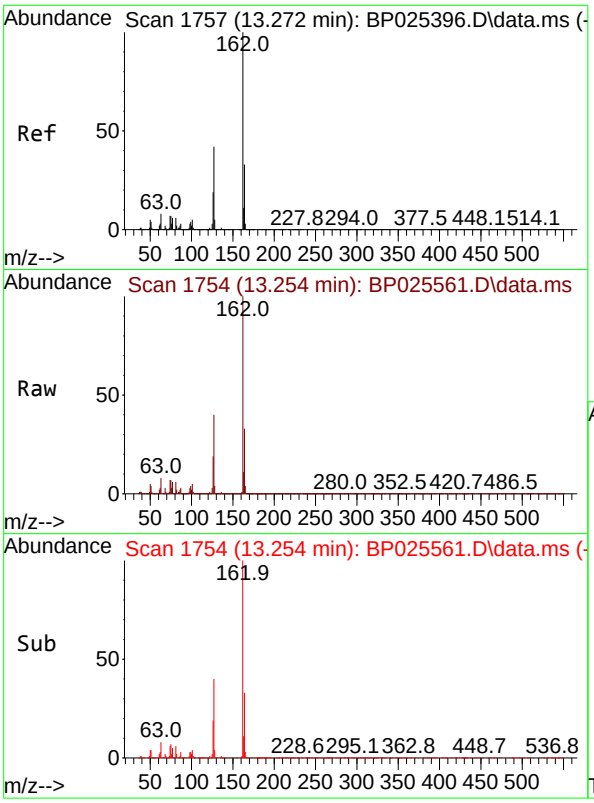


#46
1,1'-Biphenyl
Concen: 40.089 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:154 Resp: 1286448

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.5	59.5
76	11.3	0.0	31.1



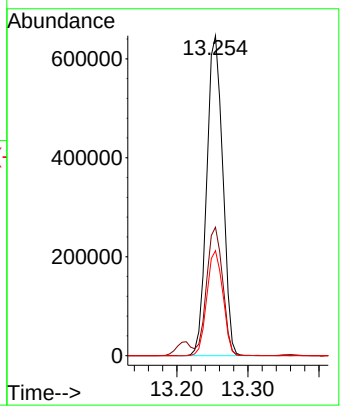


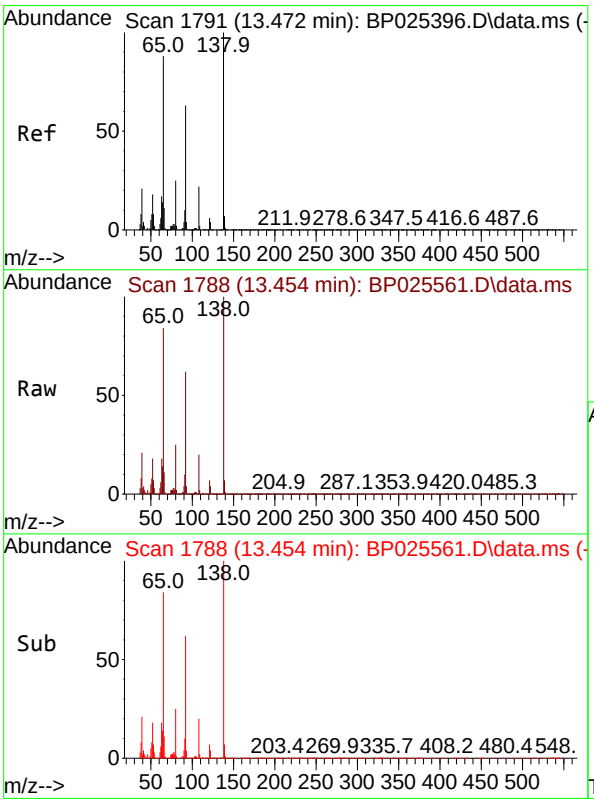
#47
2-Chloronaphthalene
Concen: 40.540 ng
RT: 13.254 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1012747

Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.4	50.2
164	32.8	26.2	39.2

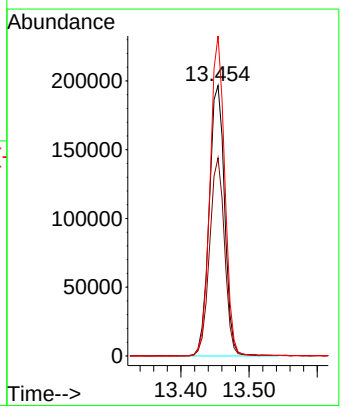


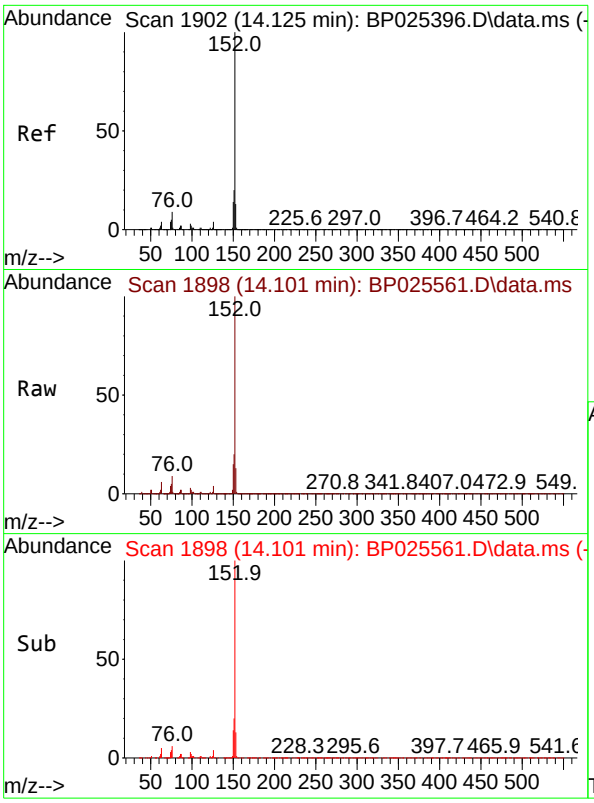


#48
2-Nitroaniline
Concen: 42.624 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion: 65 Resp: 310261

Ion	Ratio	Lower	Upper
65	100		
92	73.3	57.6	86.4
138	118.4	91.0	136.6



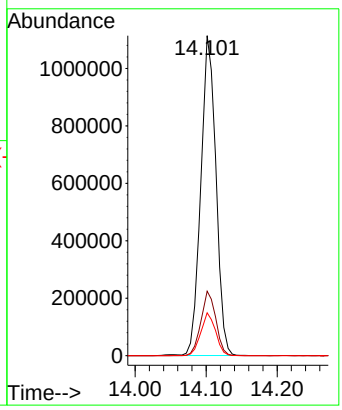


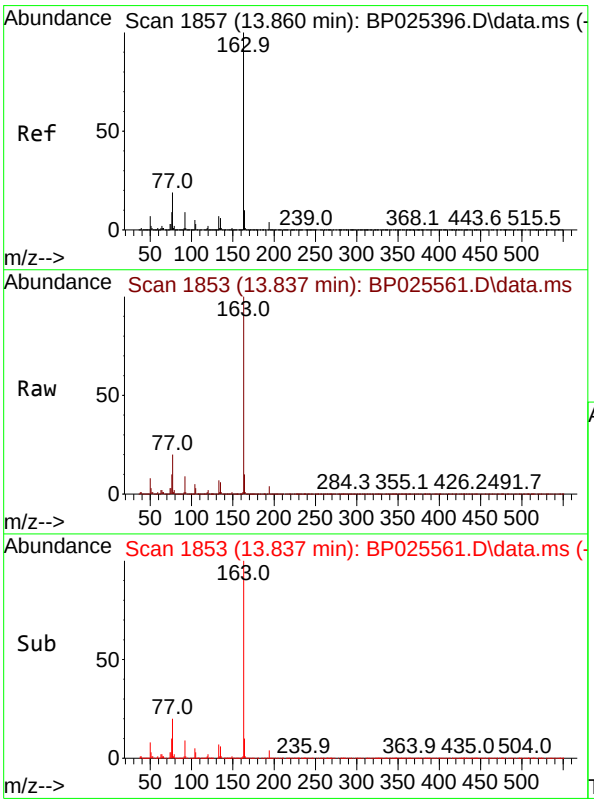
#49
Acenaphthylene
Concen: 40.026 ng
RT: 14.101 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1654557

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.4	10.6	15.8

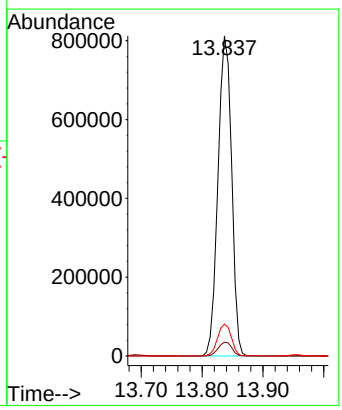


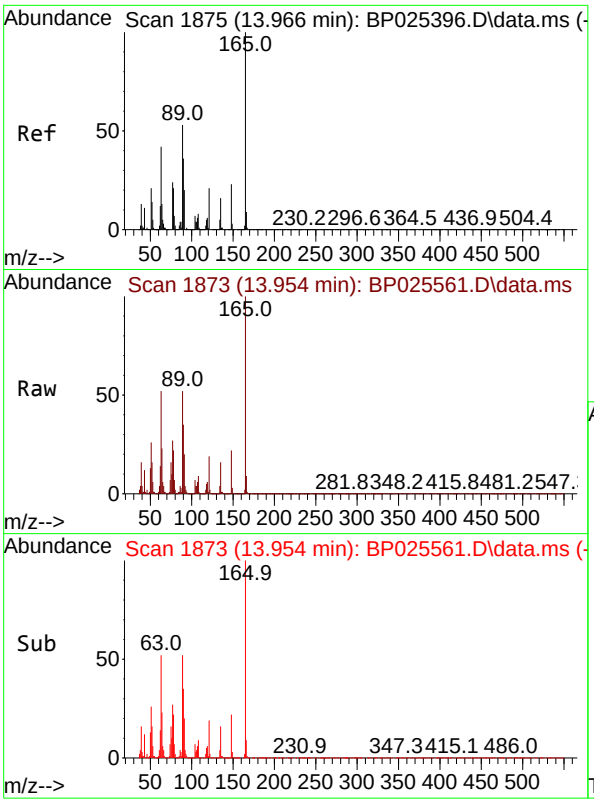


#50
Dimethylphthalate
Concen: 38.989 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:163 Resp: 1261530

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	7.9	11.9



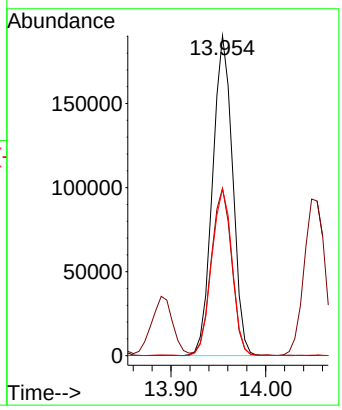


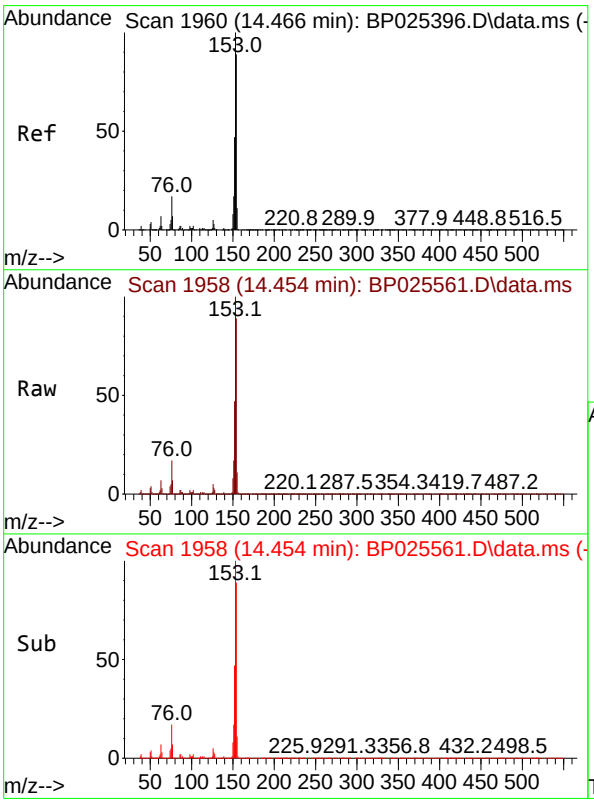
#51
2,6-Dinitrotoluene
Concen: 41.166 ng
RT: 13.954 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 280736

Ion	Ratio	Lower	Upper
165	100		
63	52.3	40.9	61.3
89	52.2	42.1	63.1

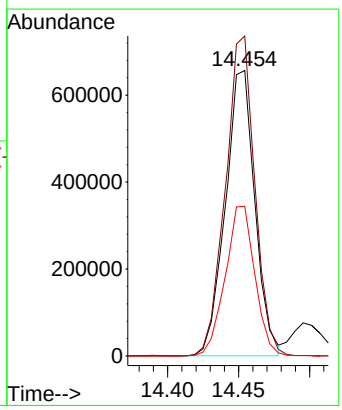


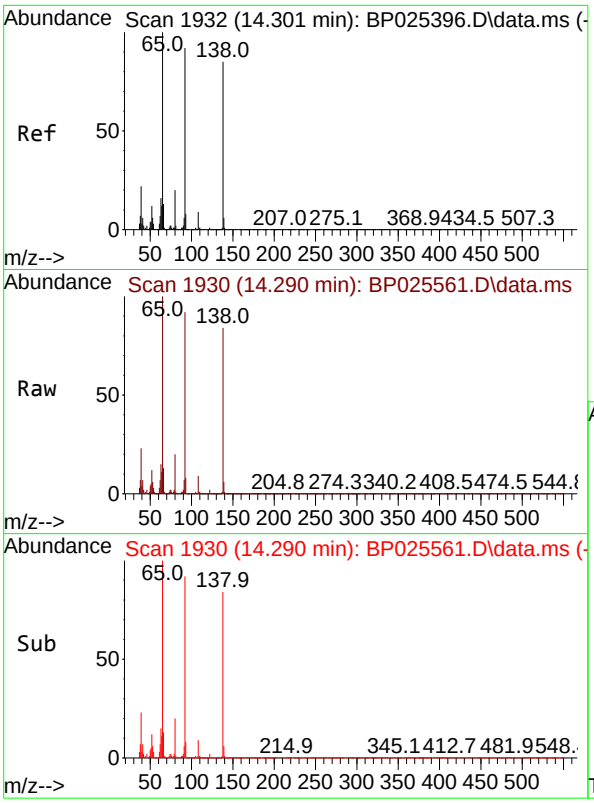


#52
Acenaphthene
Concen: 39.125 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:154 Resp: 949333

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.2	135.2
152	52.5	42.1	63.1



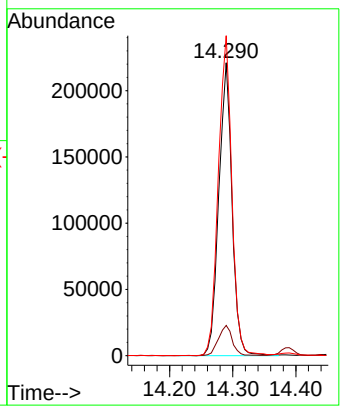


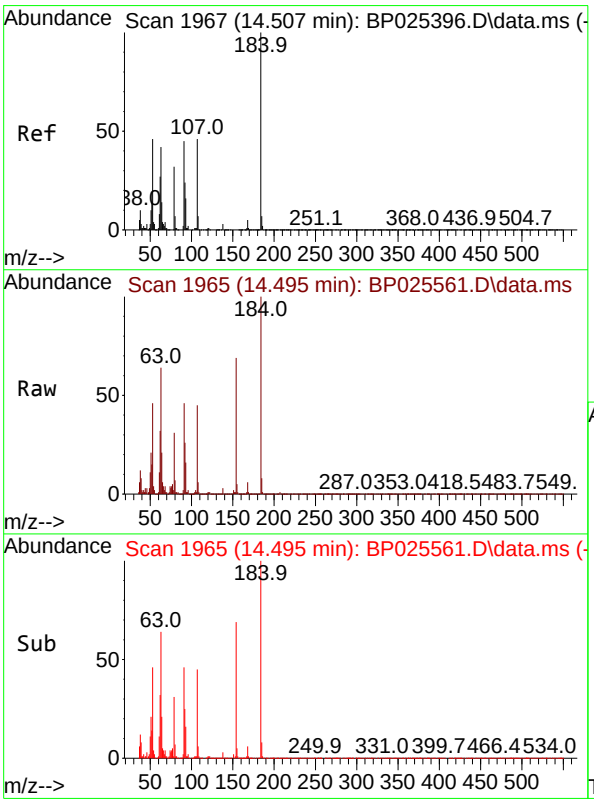
#53
3-Nitroaniline
Concen: 41.940 ng
RT: 14.290 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 321796

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.3	12.5
92	109.2	86.2	129.2

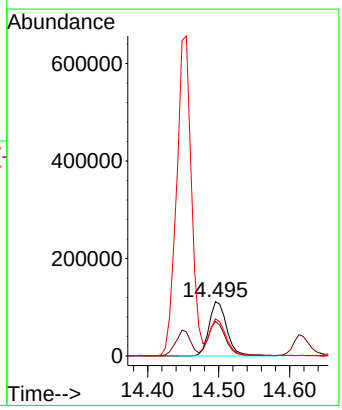


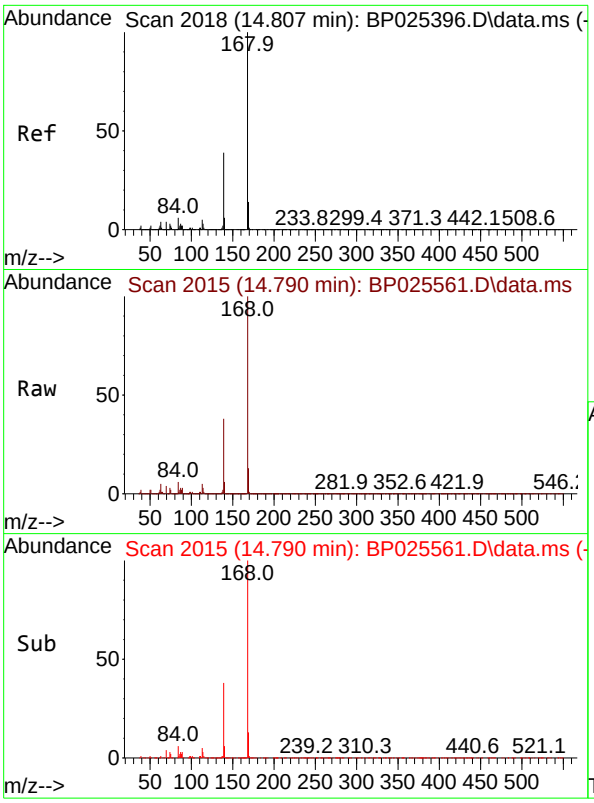


#54
2,4-Dinitrophenol
Concen: 53.348 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:184 Resp: 194290

Ion	Ratio	Lower	Upper
184	100		
63	63.9	49.4	74.2
154	68.6	54.6	82.0



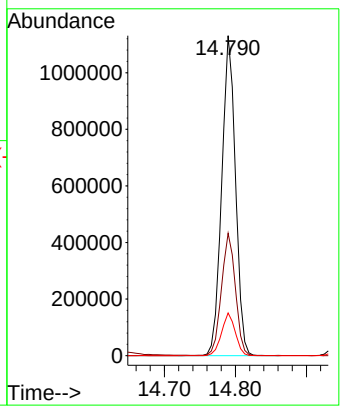


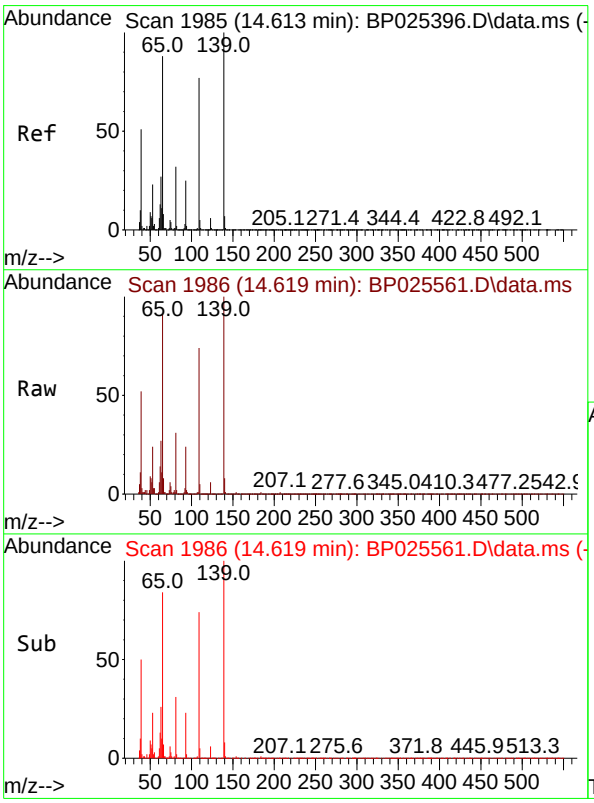
#55
Dibenzofuran
Concen: 39.493 ng
RT: 14.790 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1515005

Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.5	47.3
169	13.4	10.9	16.3

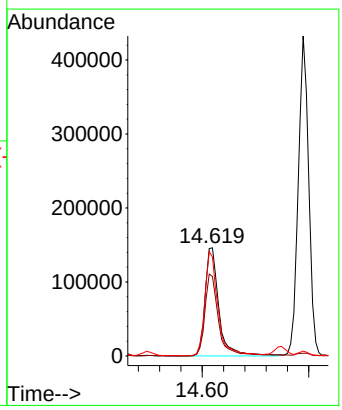


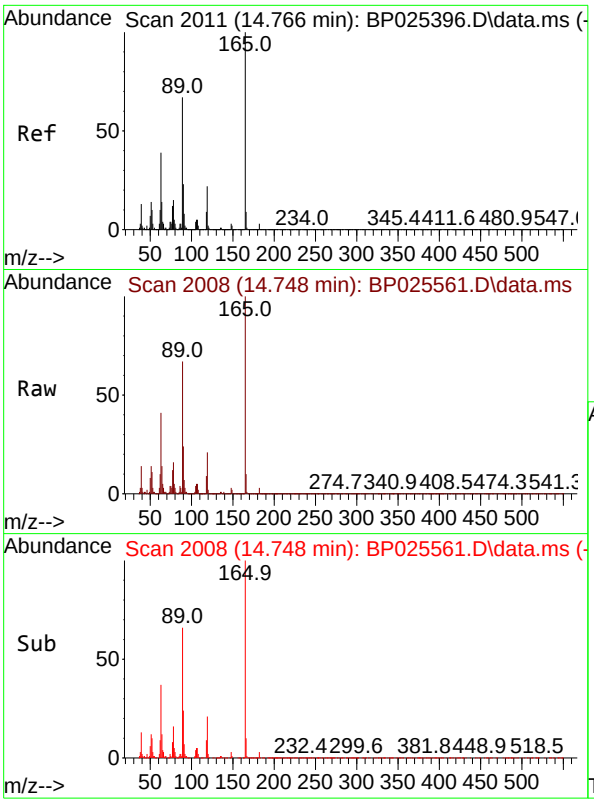


#56
4-Nitrophenol
Concen: 41.685 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:139 Resp: 262827

Ion	Ratio	Lower	Upper
139	100		
109	73.5	56.6	96.6
65	91.3	68.2	108.2



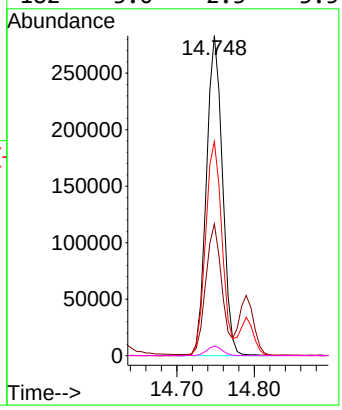


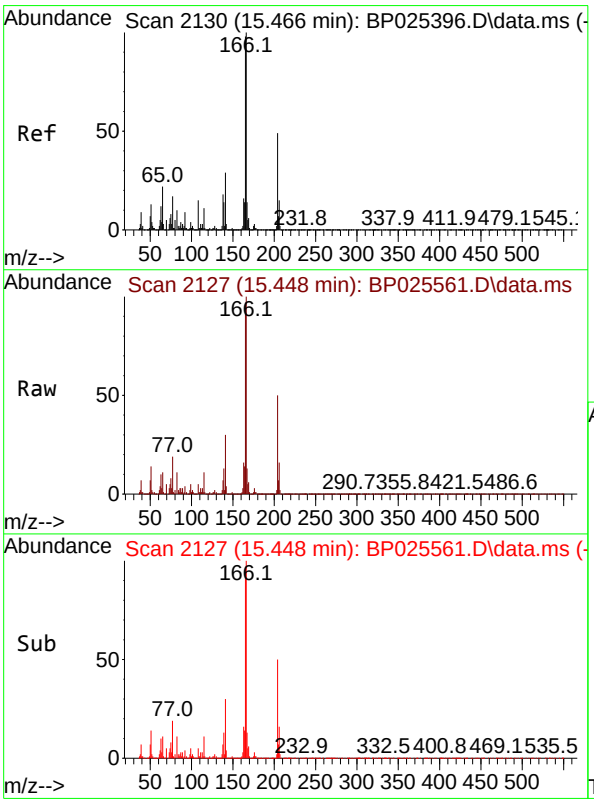
#57
2,4-Dinitrotoluene
Concen: 41.902 ng
RT: 14.748 min Scan# 2(
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 407706

Ion	Ratio	Lower	Upper
165	100		
63	41.2	31.4	47.2
89	66.9	53.3	79.9
182	3.0	2.3	3.5

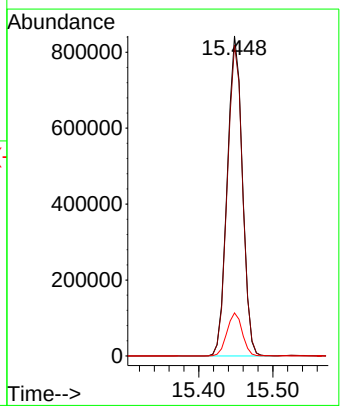


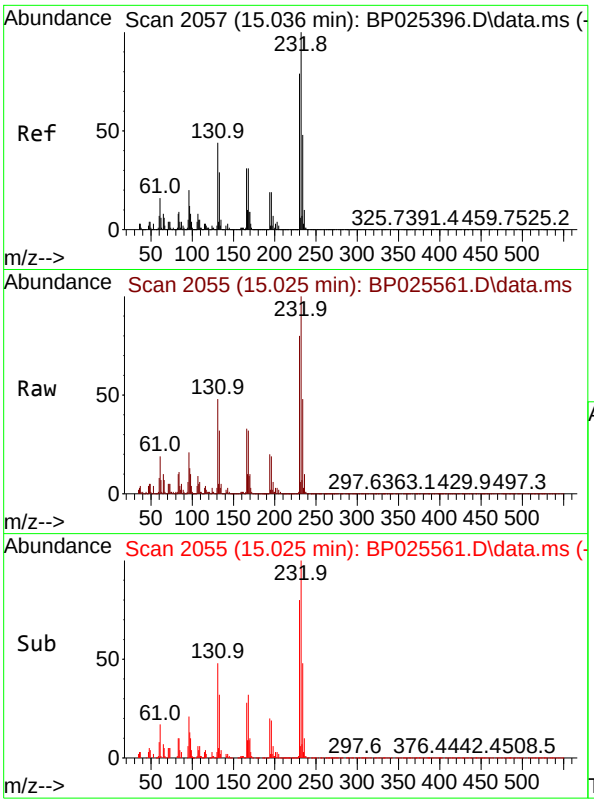


#58
Fluorene
Concen: 39.508 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:166 Resp: 1195914

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.8	118.2
167	13.4	11.0	16.4



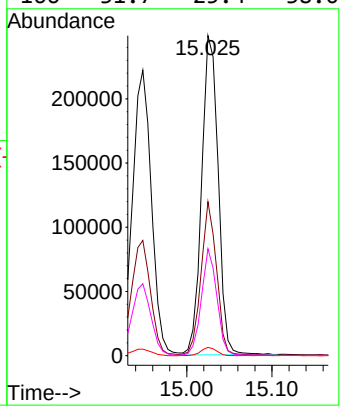


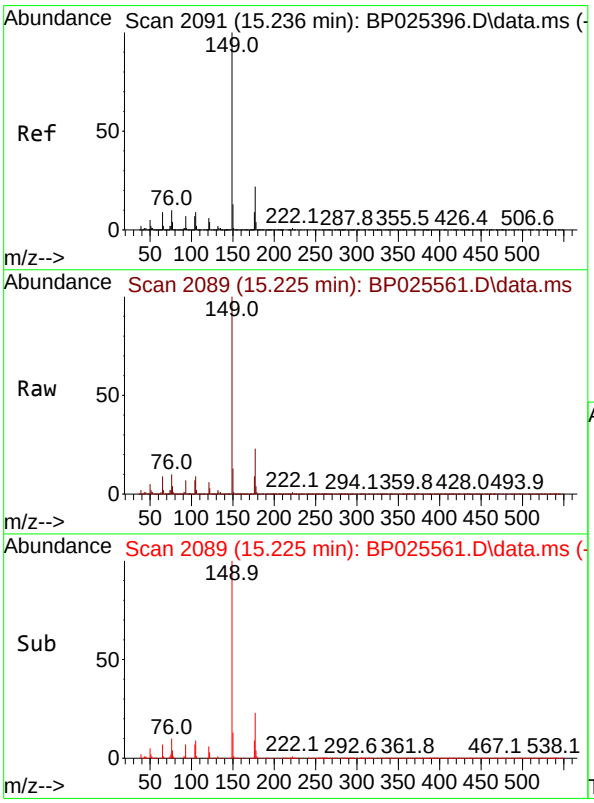
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.260 ng
RT: 15.025 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 335646

Ion	Ratio	Lower	Upper
232	100		
131	45.4	37.0	55.6
130	2.5	1.9	2.9
166	31.7	25.4	38.0

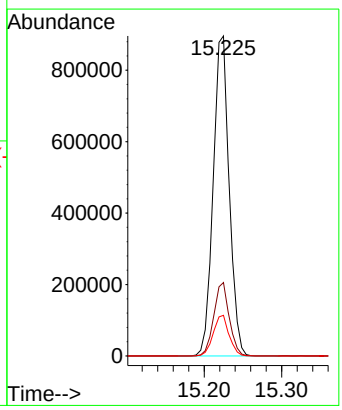


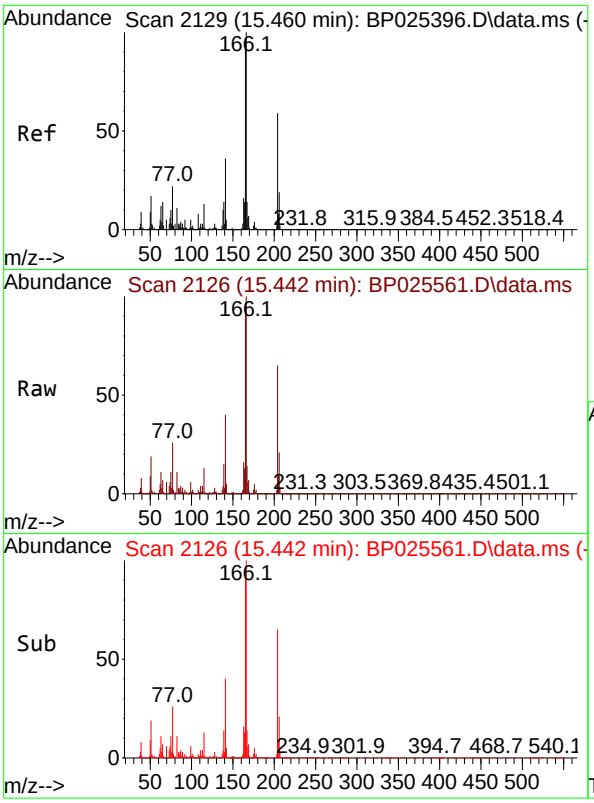


#60
Diethylphthalate
Concen: 38.998 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:149 Resp: 1282145

Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.3	25.9
150	12.7	10.3	15.5



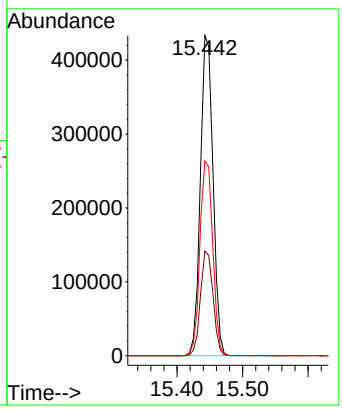


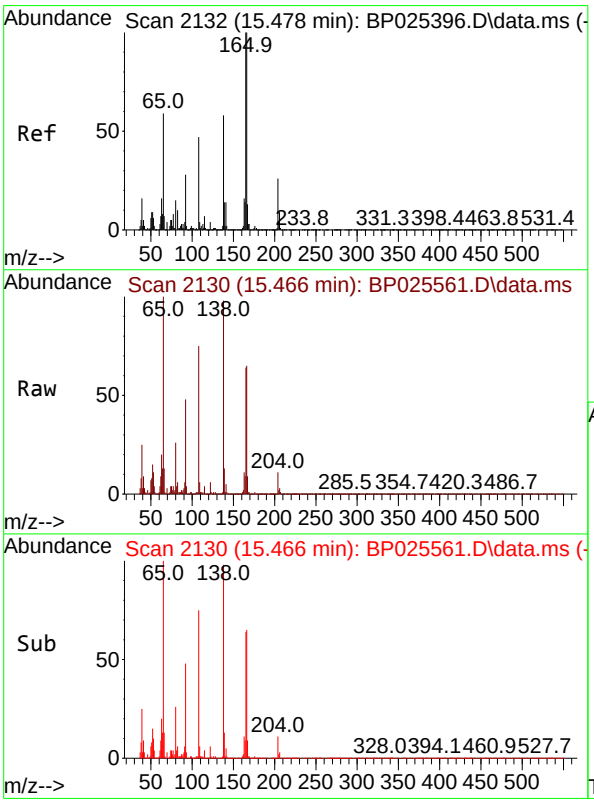
#61
4-Chlorophenyl-phenylether
Concen: 38.676 ng
RT: 15.442 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 582242

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	60.8	49.4	74.2

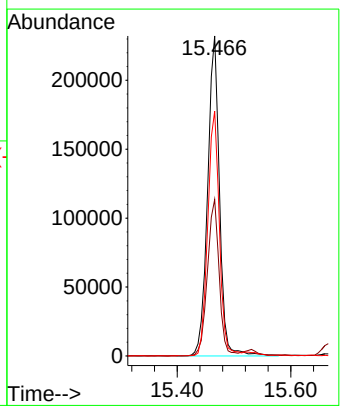


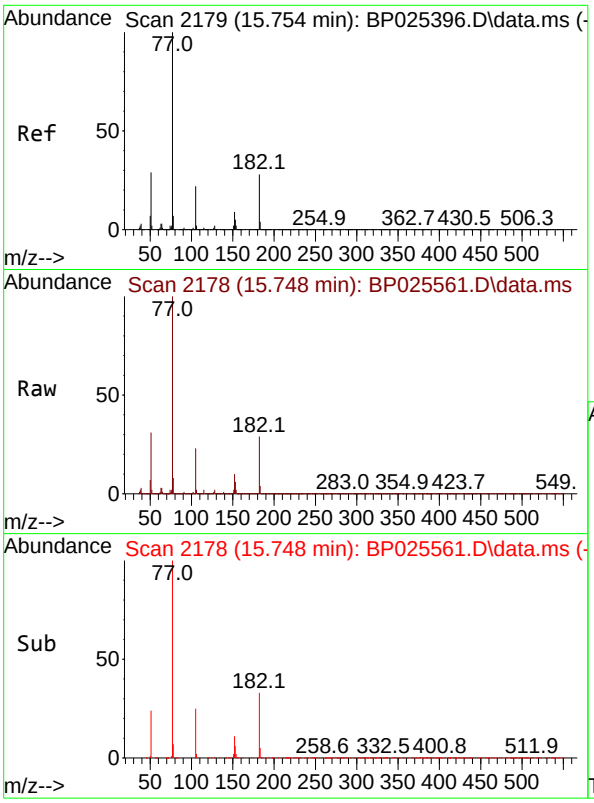


#62
4-Nitroaniline
Concen: 42.695 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:138 Resp: 335838

Ion	Ratio	Lower	Upper
138	100		
92	48.9	29.1	69.1
108	76.5	61.5	101.5



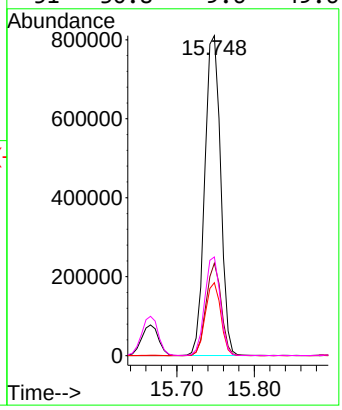


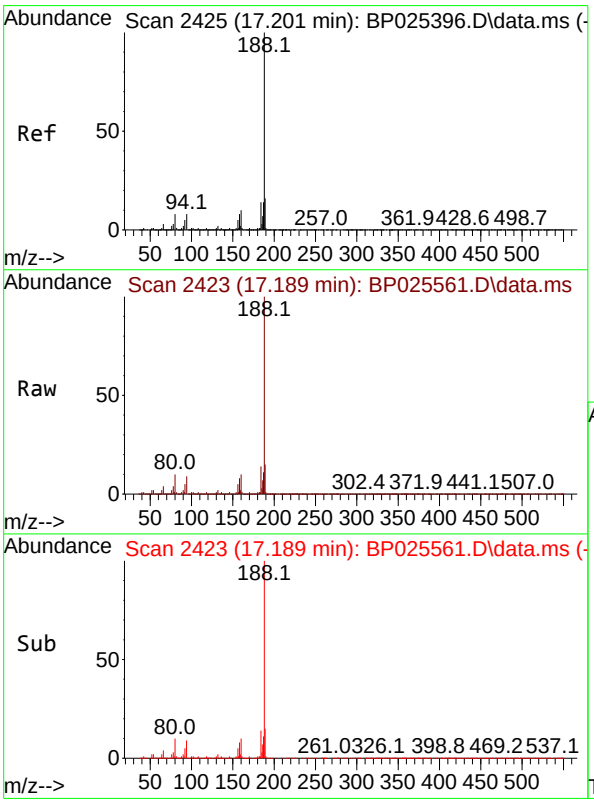
#63
Azobenzene
Concen: 40.672 ng
RT: 15.748 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1144968

Ion	Ratio	Lower	Upper
77	100		
182	28.9	7.5	47.5
105	22.8	2.1	42.1
51	30.8	9.6	49.6

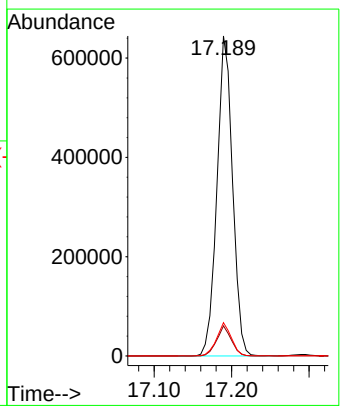


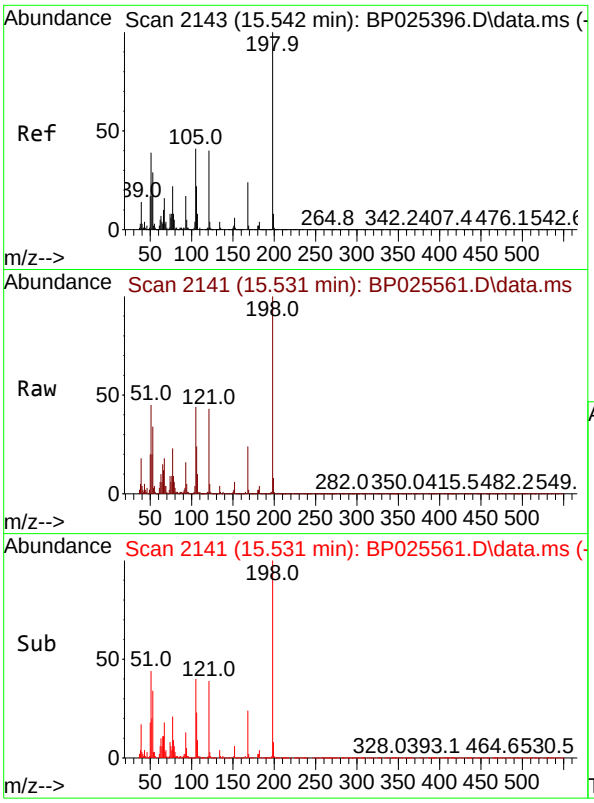


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:188 Resp: 900532

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.6	10.0
80	10.4	6.7	10.1#



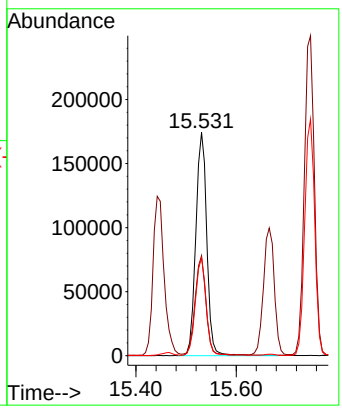


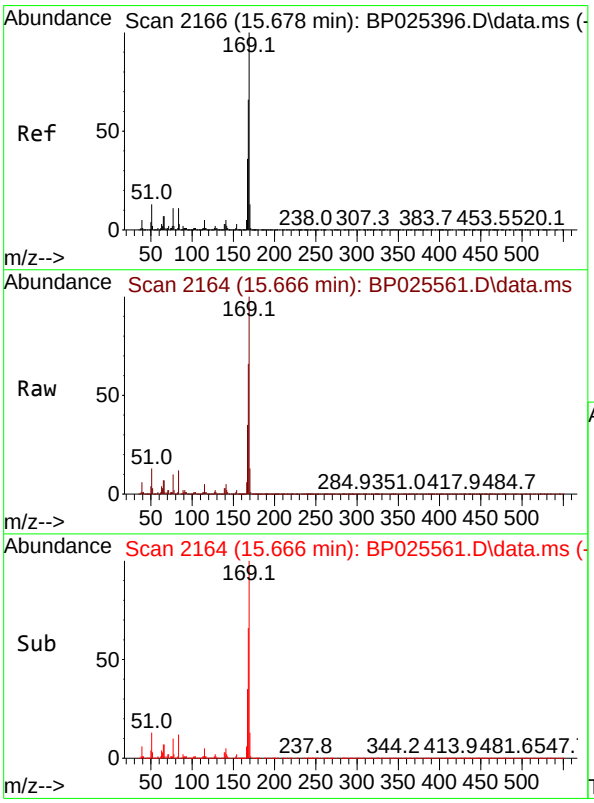
#65
4,6-Dinitro-2-methylphenol
Concen: 47.015 ng
RT: 15.531 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 263920

Ion	Ratio	Lower	Upper
198	100		
51	44.8	19.6	59.6
105	43.8	20.9	60.9

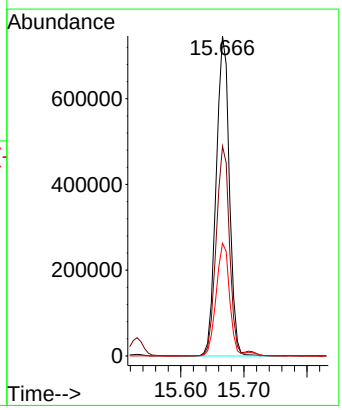


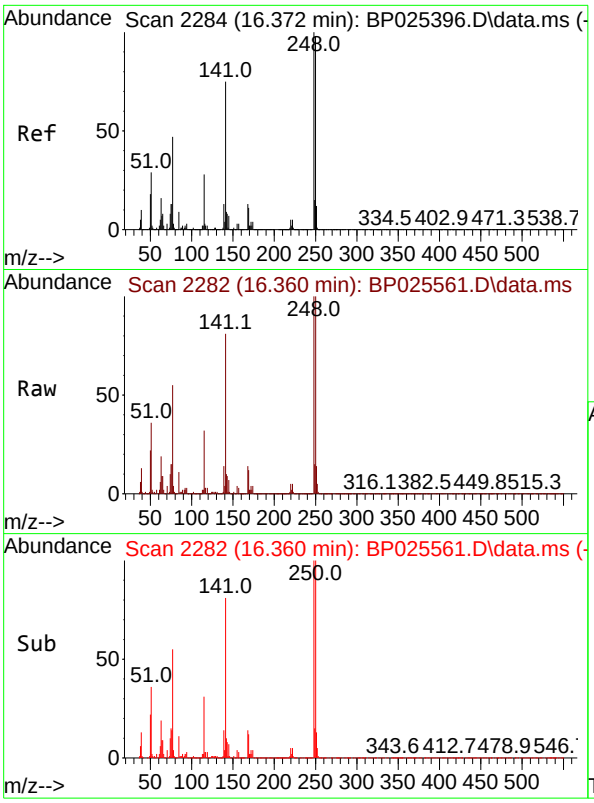


#66
n-Nitrosodiphenylamine
Concen: 39.425 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:169 Resp: 1082642

Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.2	79.8
167	35.2	28.7	43.1



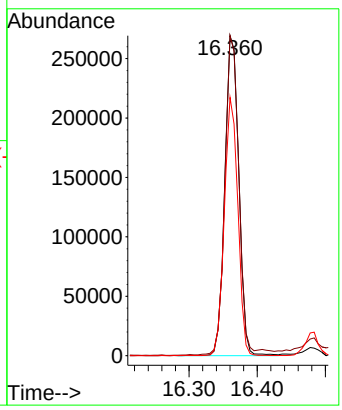


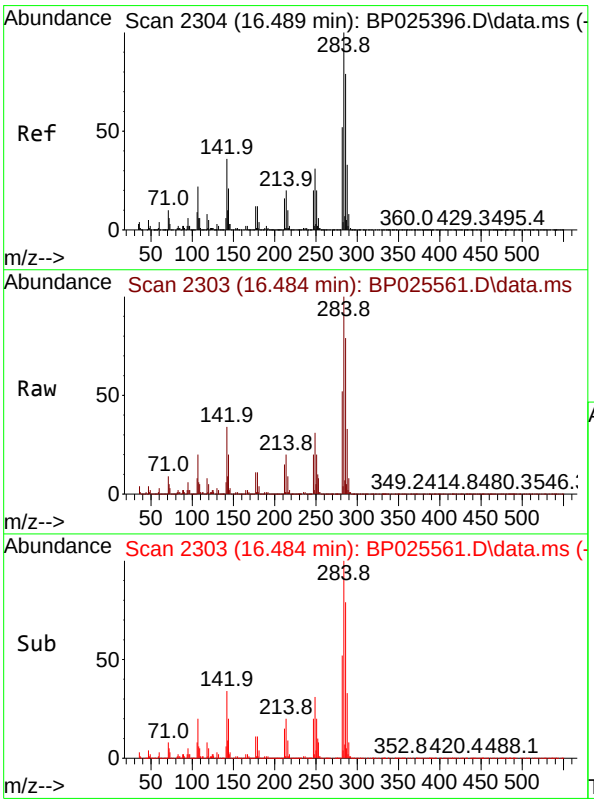
#67
4-Bromophenyl-phenylether
Concen: 38.696 ng
RT: 16.360 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 383257

Ion	Ratio	Lower	Upper
248	100		
250	100.0	78.2	117.2
141	80.8	59.6	89.4

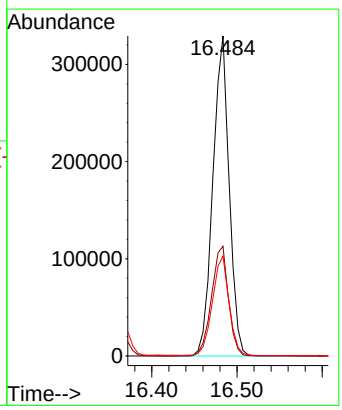


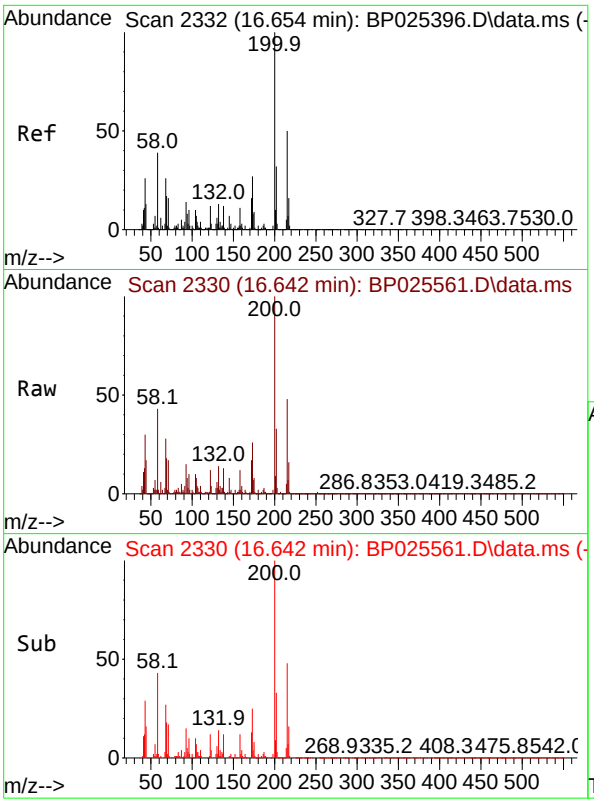


#68
Hexachlorobenzene
Concen: 38.094 ng
RT: 16.484 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:284 Resp: 437353

Ion	Ratio	Lower	Upper
284	100		
142	34.2	29.1	43.7
249	31.3	25.0	37.4



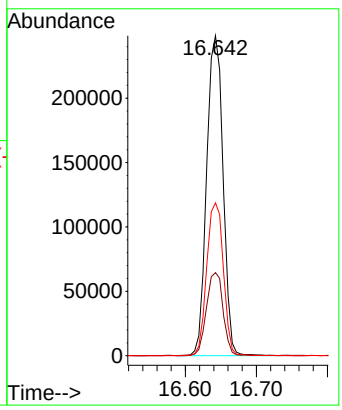


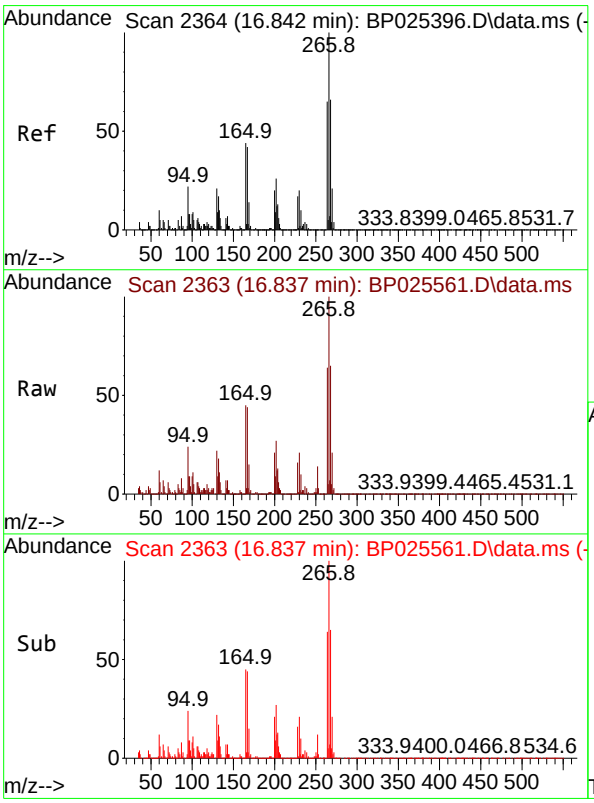
#69
Atrazine
Concen: 38.790 ng
RT: 16.642 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 398927

Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.7	46.7
215	47.7	29.7	69.7

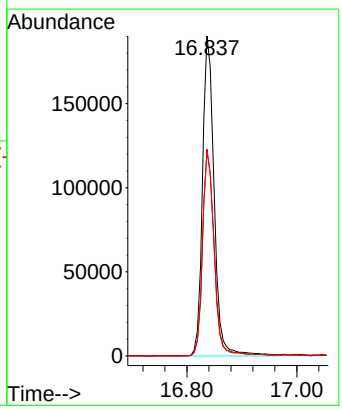


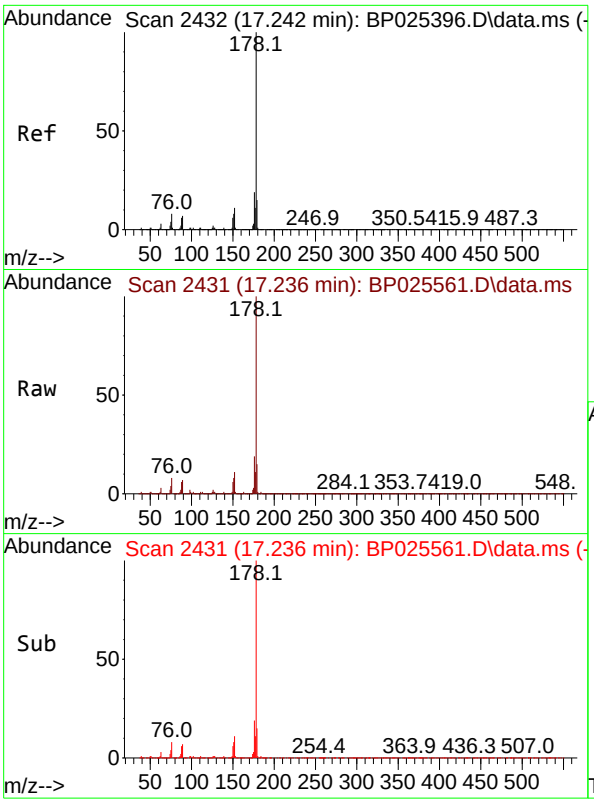


#70
Pentachlorophenol
Concen: 38.776 ng
RT: 16.837 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:266 Resp: 281026

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.6	79.0
264	63.8	52.0	78.0



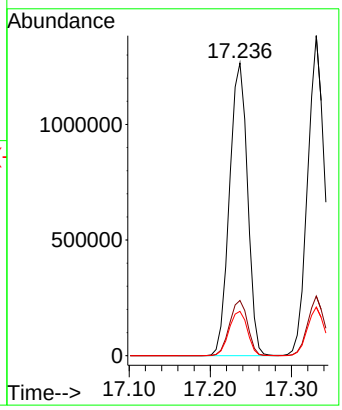


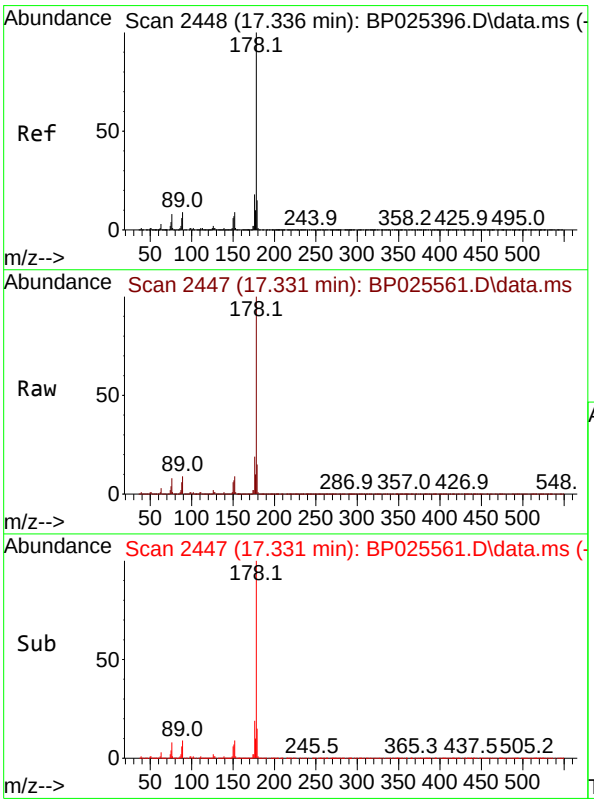
#71
Phenanthrene
Concen: 39.424 ng
RT: 17.236 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1950284

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.1	12.2	18.4

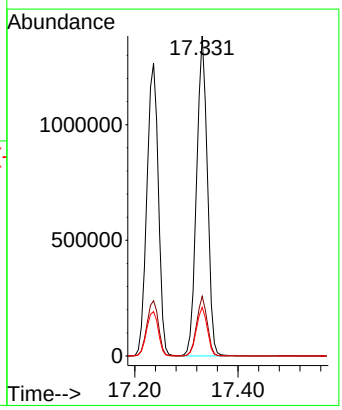


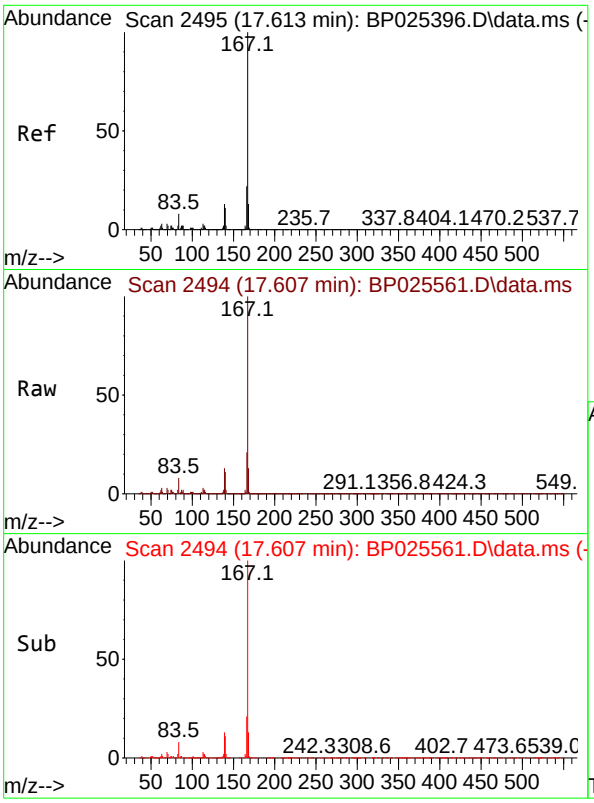


#72
Anthracene
Concen: 39.697 ng
RT: 17.331 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:178 Resp: 2005437

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.2	12.2	18.2



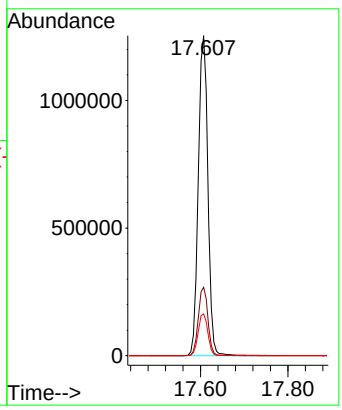


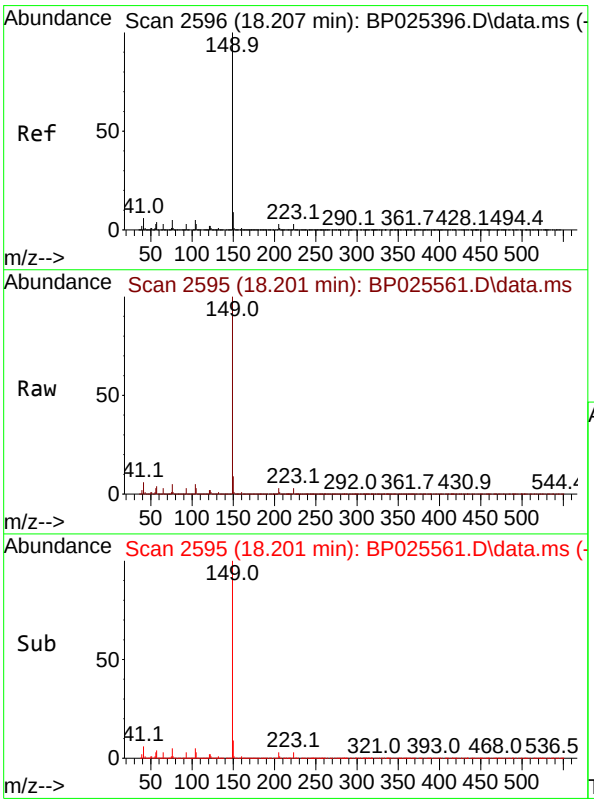
#73
Carbazole
Concen: 40.154 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1910675

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.1	10.6	16.0

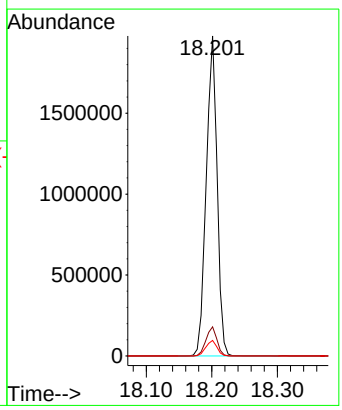


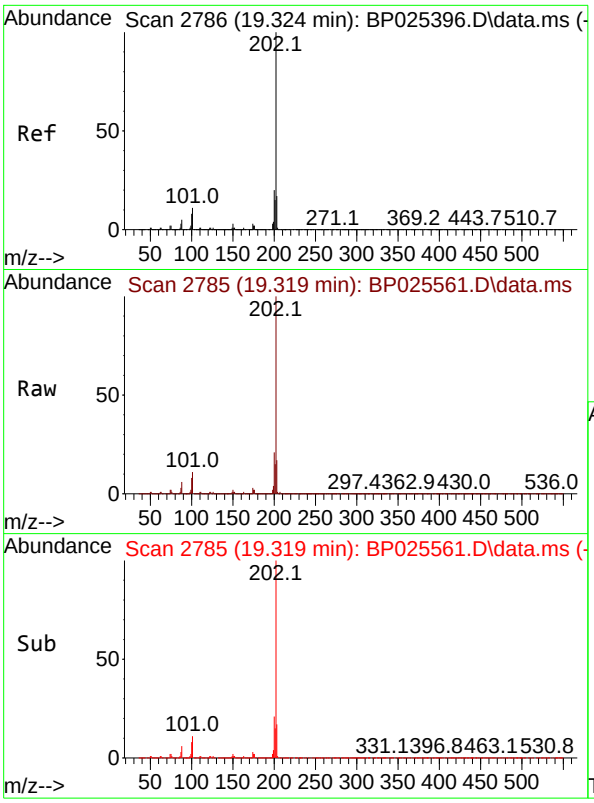


#74
Di-n-butylphthalate
Concen: 39.016 ng
RT: 18.201 min Scan# 2595
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:149 Resp: 2284164

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.9	4.2	6.2



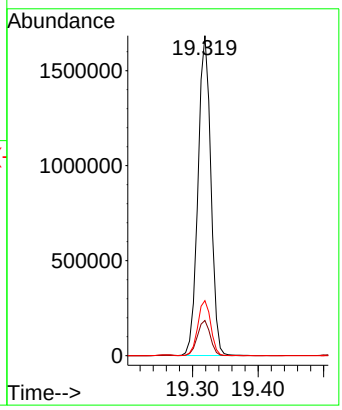


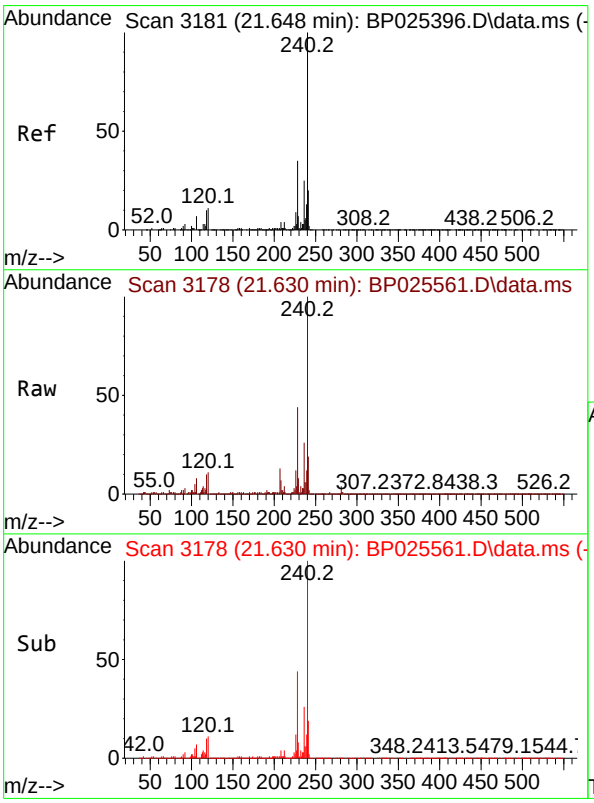
#75
Fluoranthene
Concen: 38.949 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 2298328

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.1
203	17.2	0.0	37.3

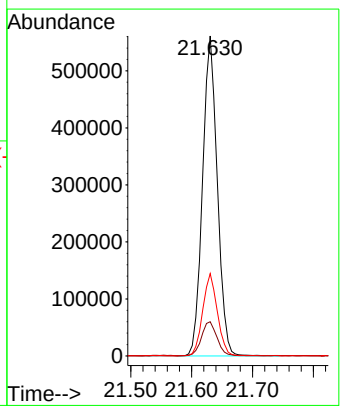


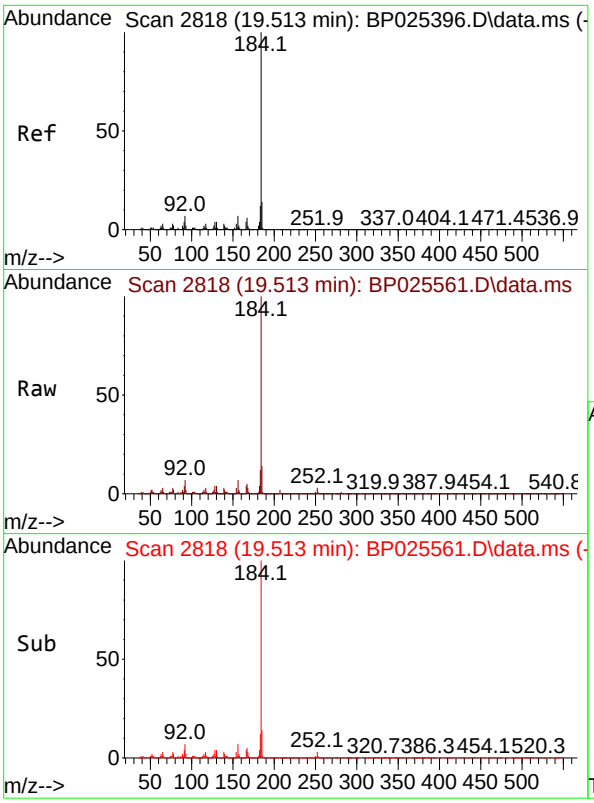


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:240 Resp: 945335

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.7	19.8	29.8



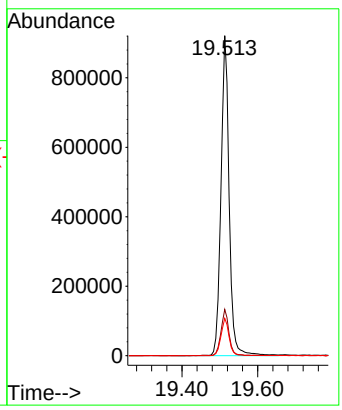


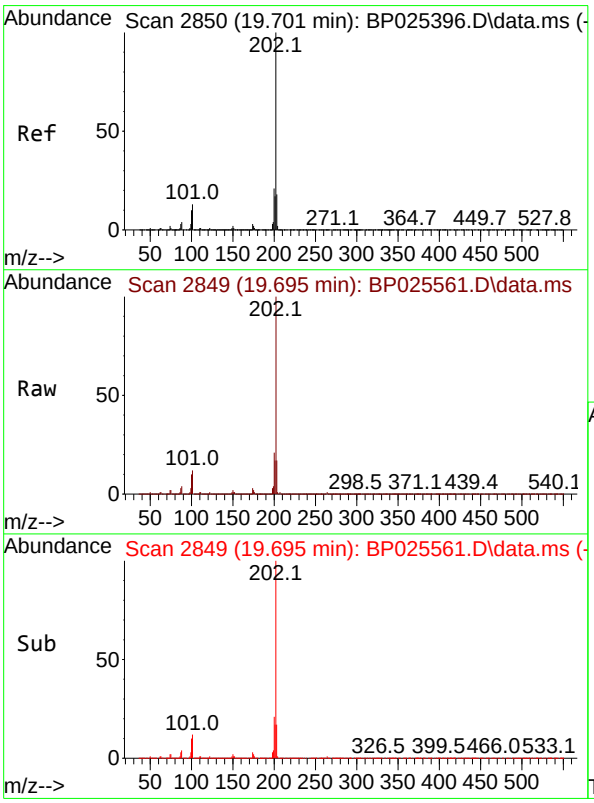
#77
Benzidine
Concen: 42.933 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1385115

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	11.6	9.4	14.2

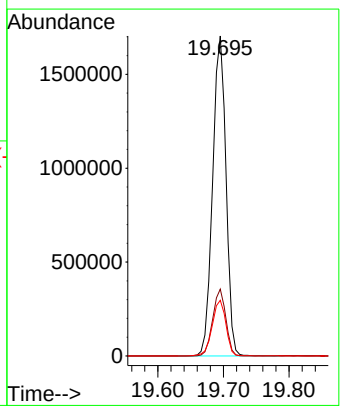


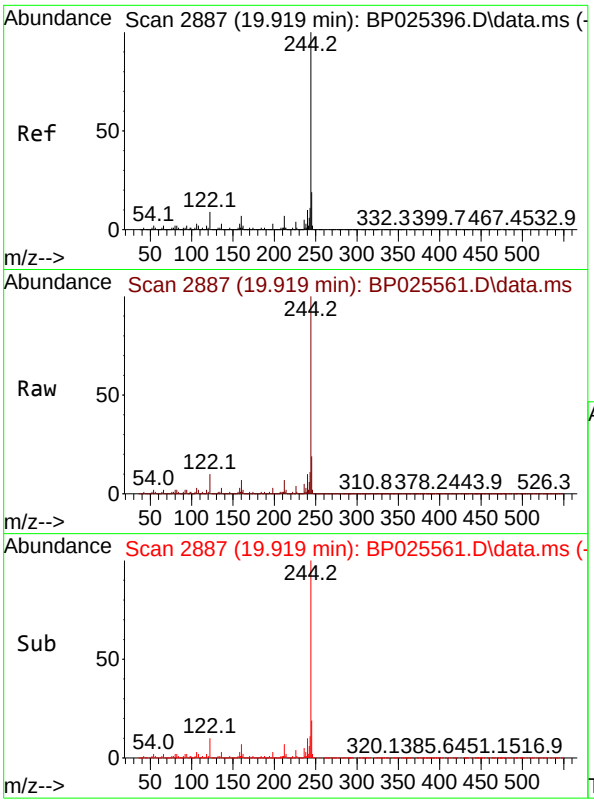


#78
Pyrene
Concen: 39.180 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:202 Resp: 2407357

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.4	14.2	21.2



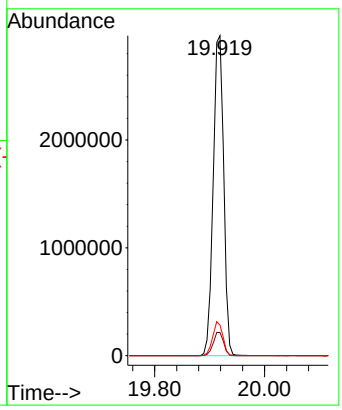


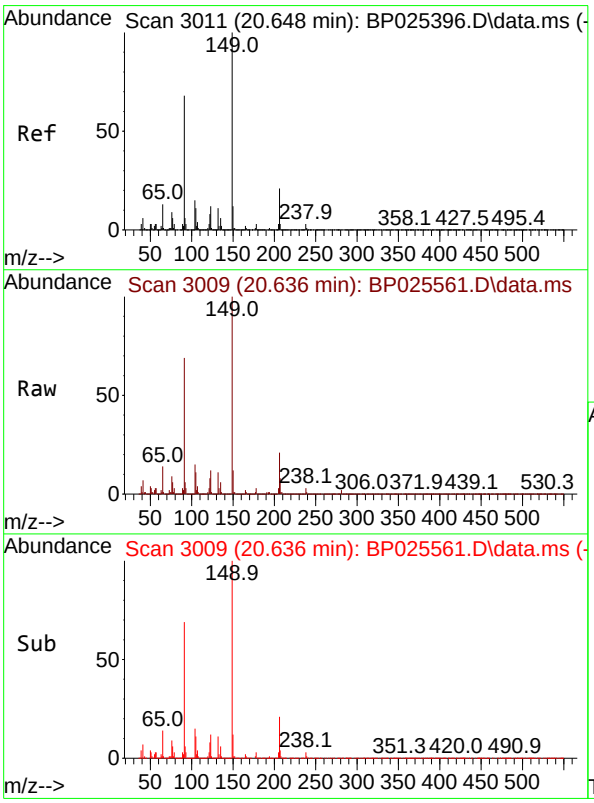
#79
Terphenyl-d14
Concen: 76.218 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 3938138

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.5	7.4	11.2

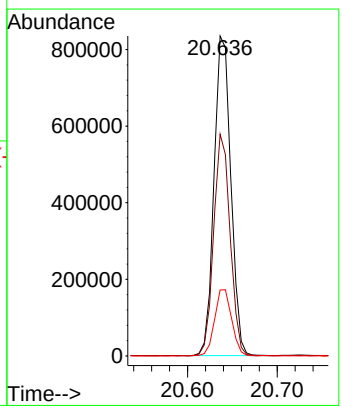


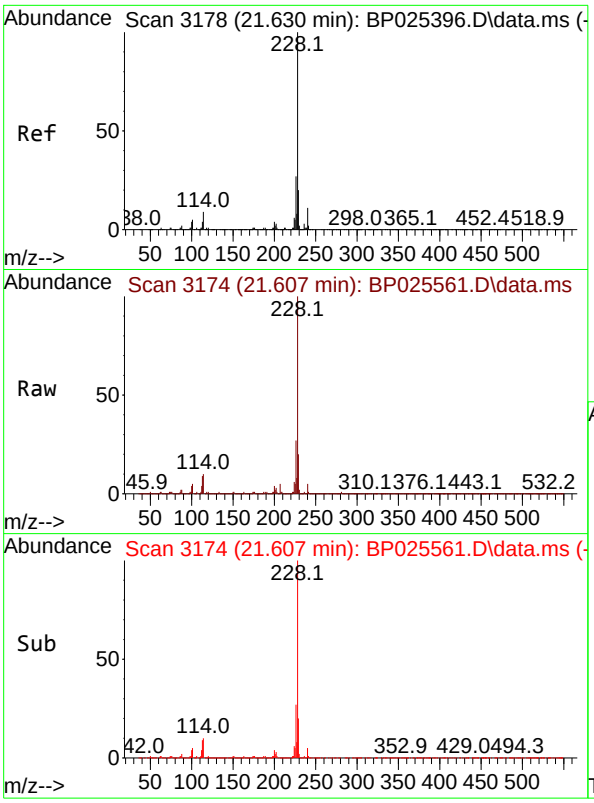


#80
Butylbenzylphthalate
Concen: 38.948 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:149 Resp: 1084601

Ion	Ratio	Lower	Upper
149	100		
91	69.3	54.2	81.2
206	20.6	16.6	24.8



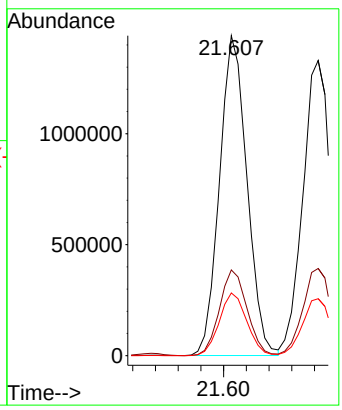


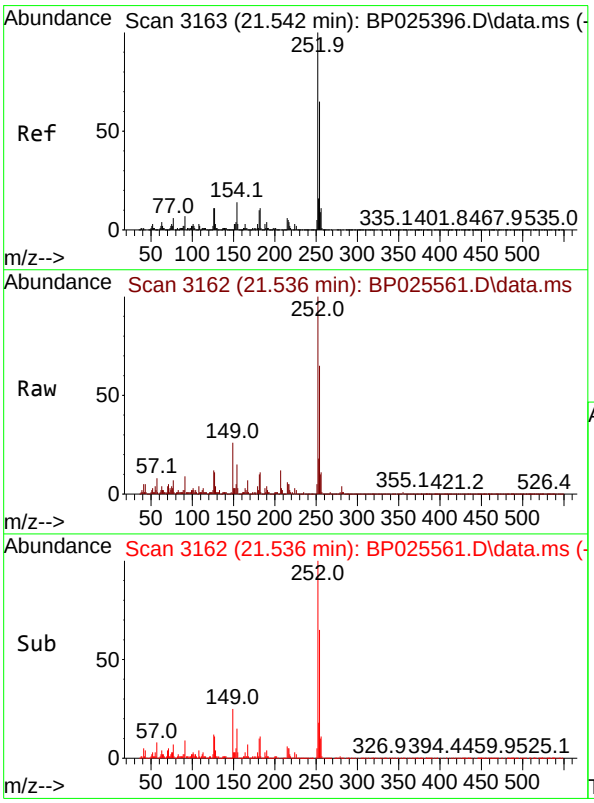
#81
Benzo(a)anthracene
Concen: 38.883 ng
RT: 21.607 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2424158

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.6	15.6	23.4

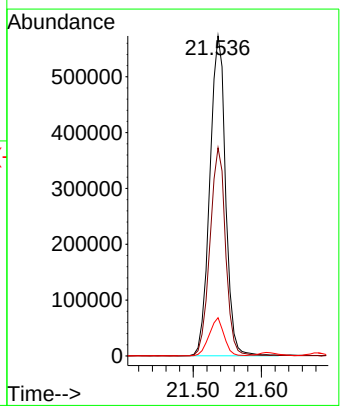


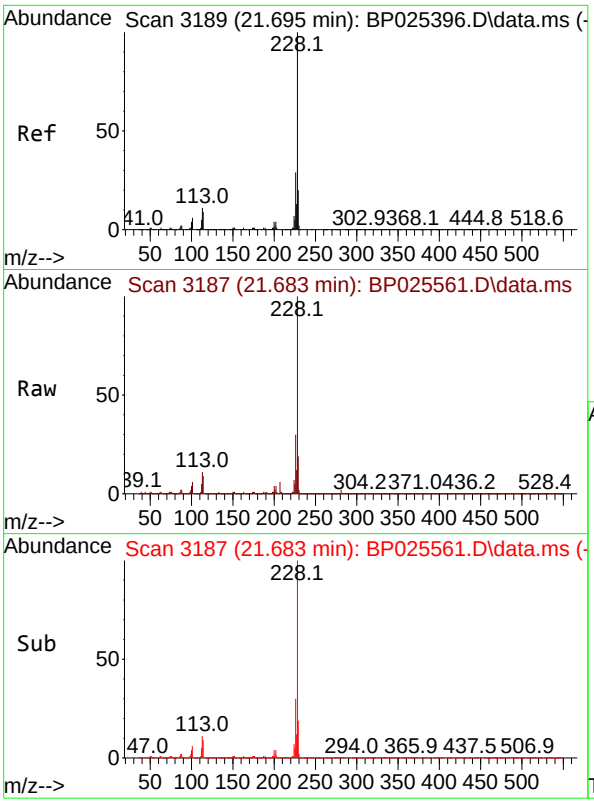


#82
3,3'-Dichlorobenzidine
Concen: 39.214 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:252 Resp: 921505

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	11.9	9.1	13.7



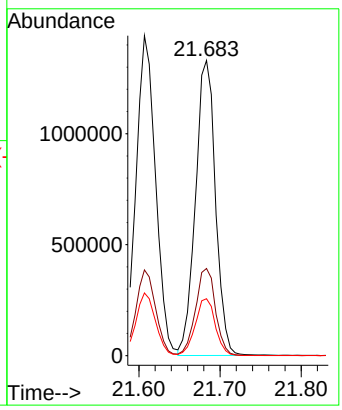


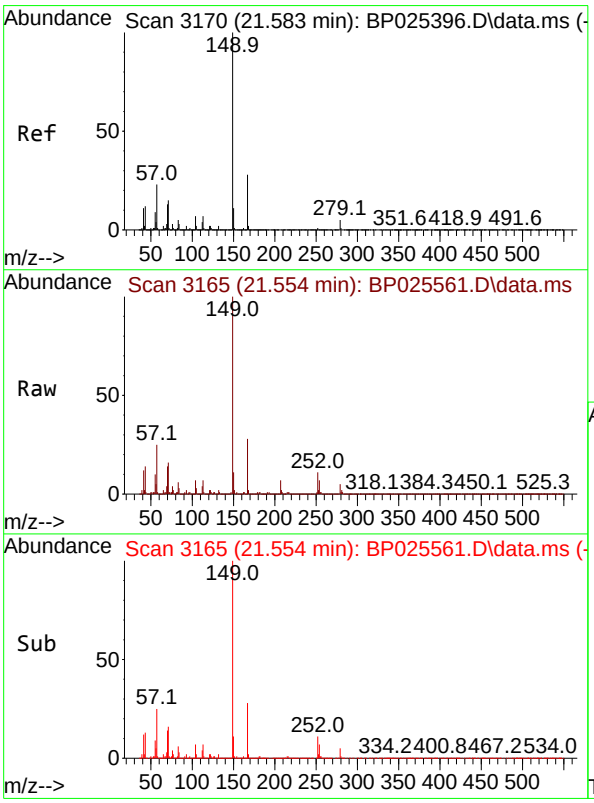
#83
Chrysene
Concen: 39.030 ng
RT: 21.683 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2278817

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	19.3	15.6	23.4

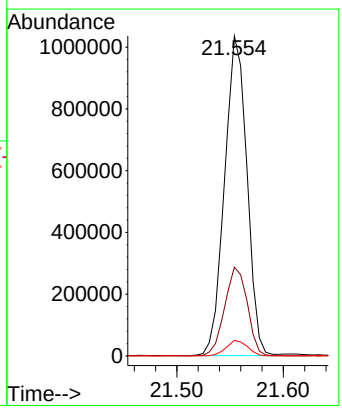


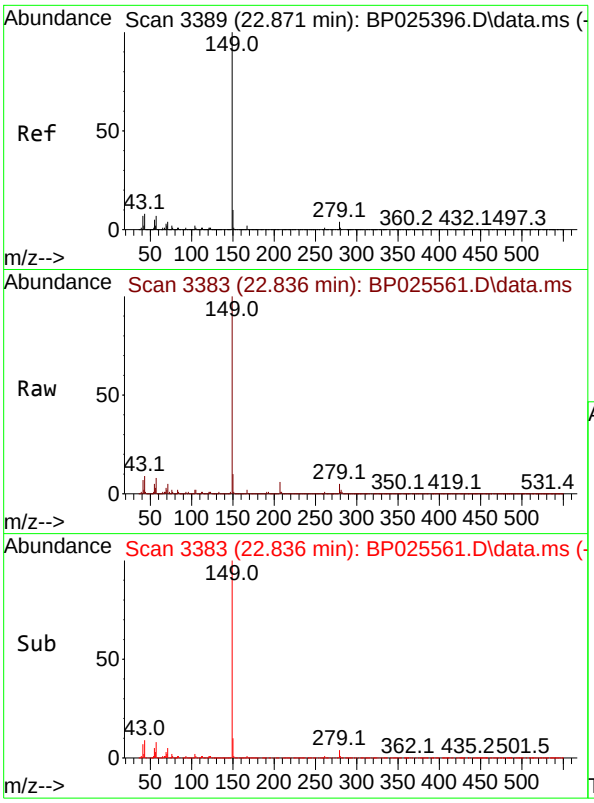


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.870 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:149 Resp: 1511370

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.9	3.8	5.6



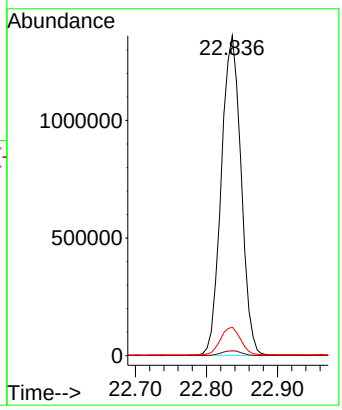


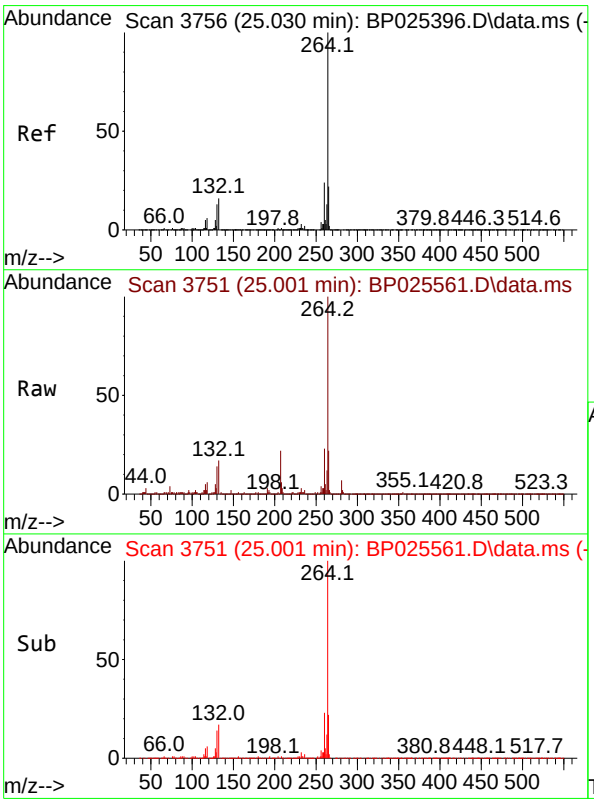
#85
Di-n-octyl phthalate
Concen: 37.221 ng
RT: 22.836 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2624413

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	6.3	9.5

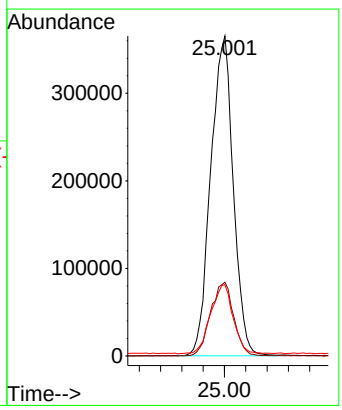


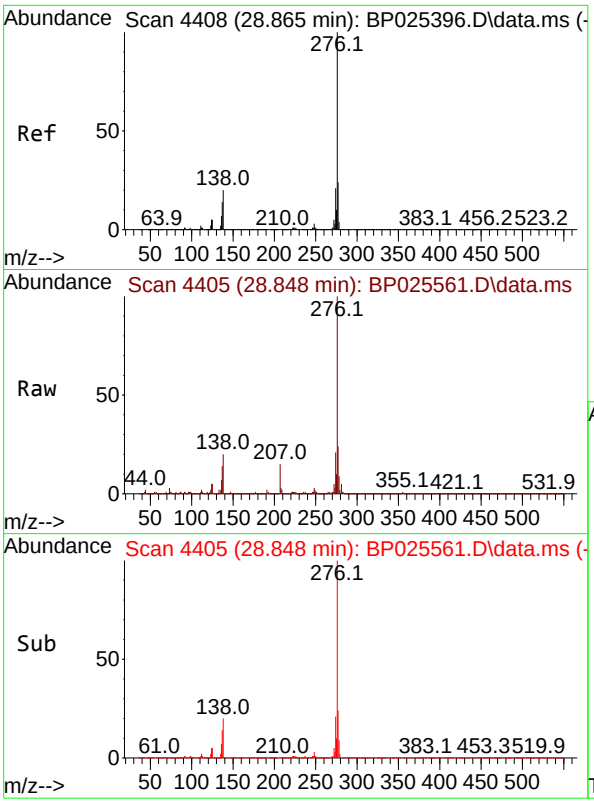


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:264 Resp: 1072626

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	22.3	17.4	26.0



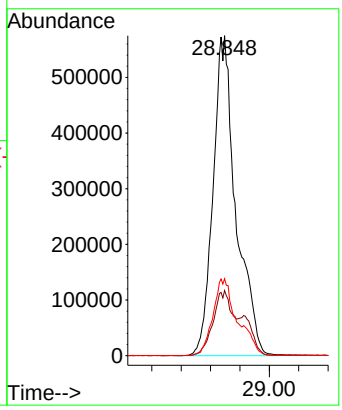


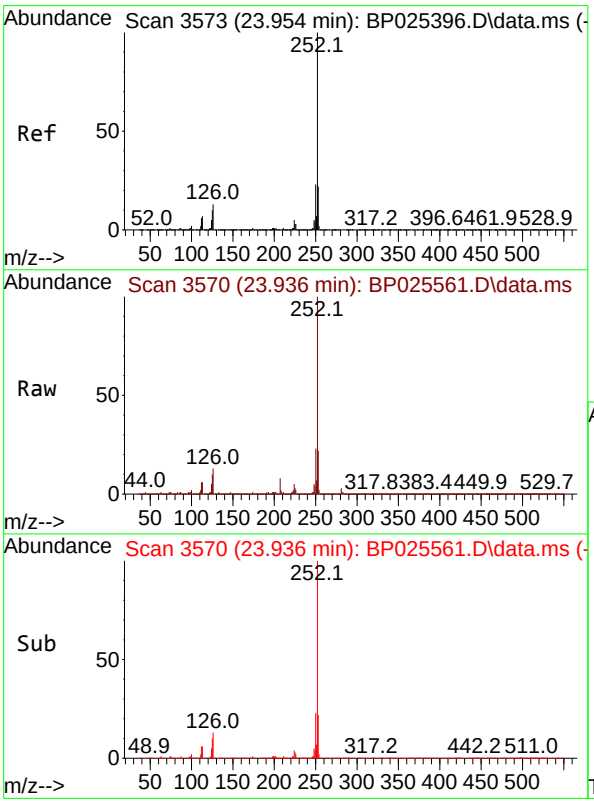
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.583 ng
RT: 28.848 min Scan# 44
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3113666

Ion	Ratio	Lower	Upper
276	100		
138	9.3	12.9	19.3#
277	25.7	17.0	25.6#

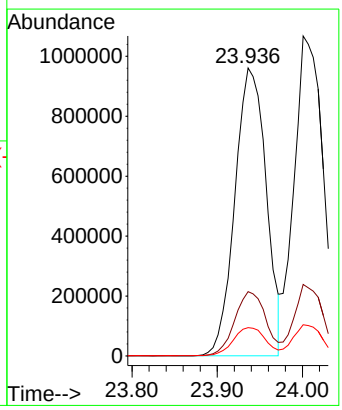


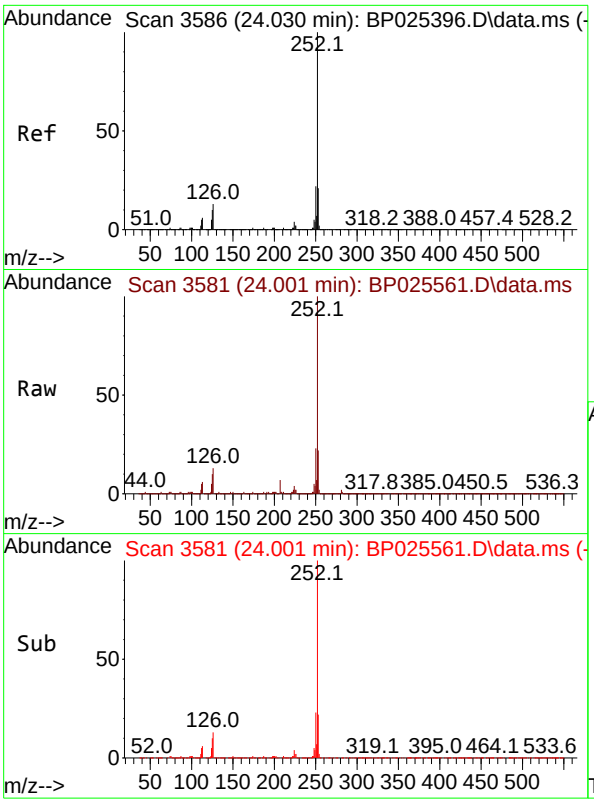


#88
Benzo(b)fluoranthene
Concen: 38.787 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.017 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:252 Resp: 2453244

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.9	7.9	11.9



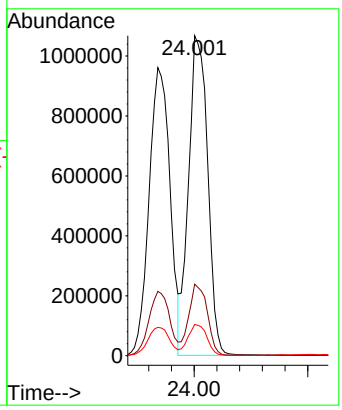


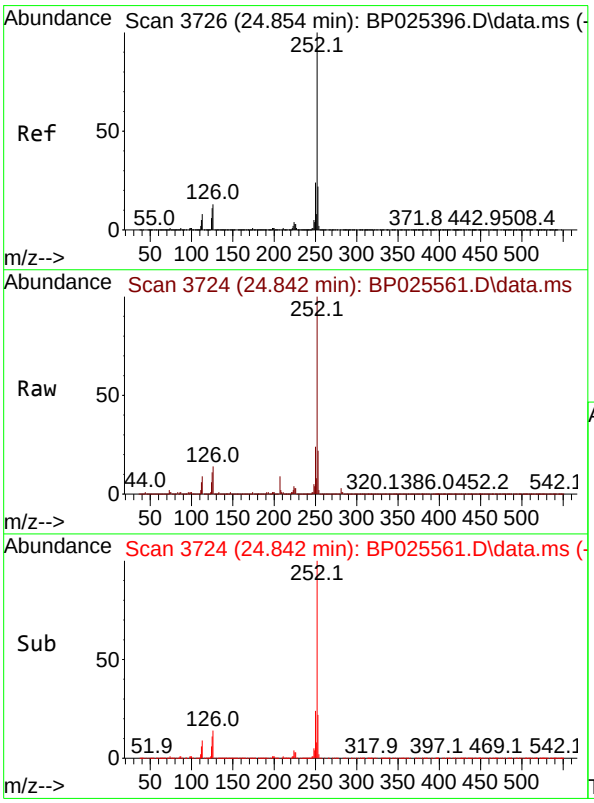
#89
Benzo(k)fluoranthene
Concen: 39.543 ng
RT: 24.001 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2502757

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.8	7.8	11.6

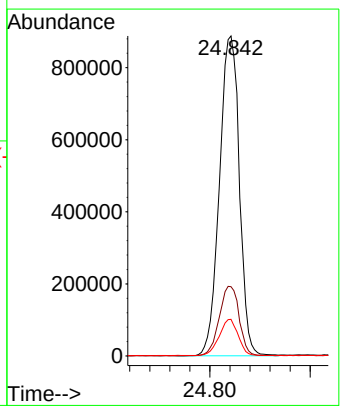


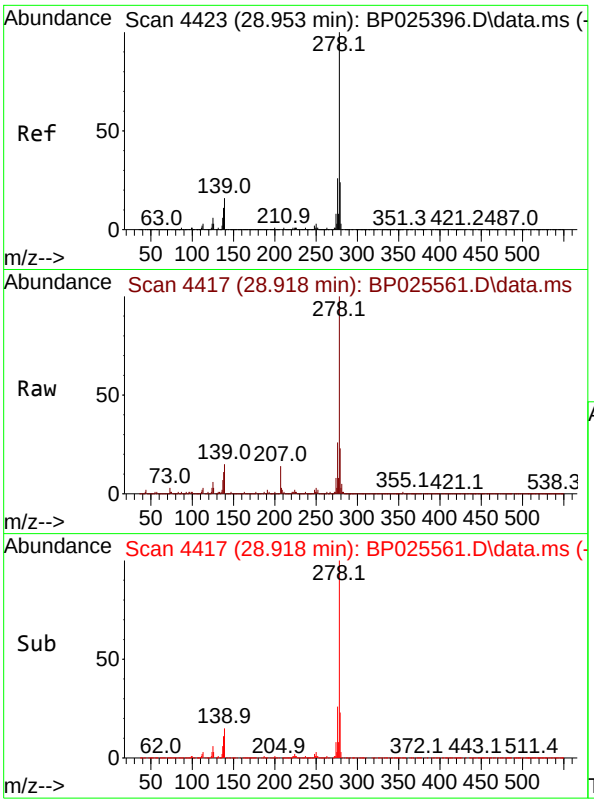


#90
Benzo(a)pyrene
Concen: 39.726 ng
RT: 24.842 min Scan# 3724
Delta R.T. -0.012 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:252 Resp: 2445905

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	11.5	8.7	13.1



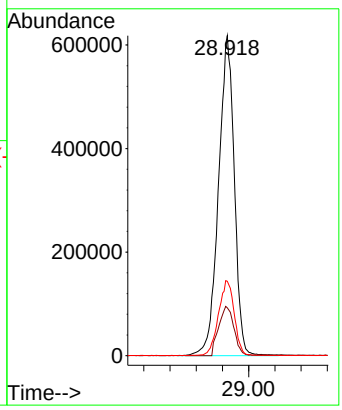


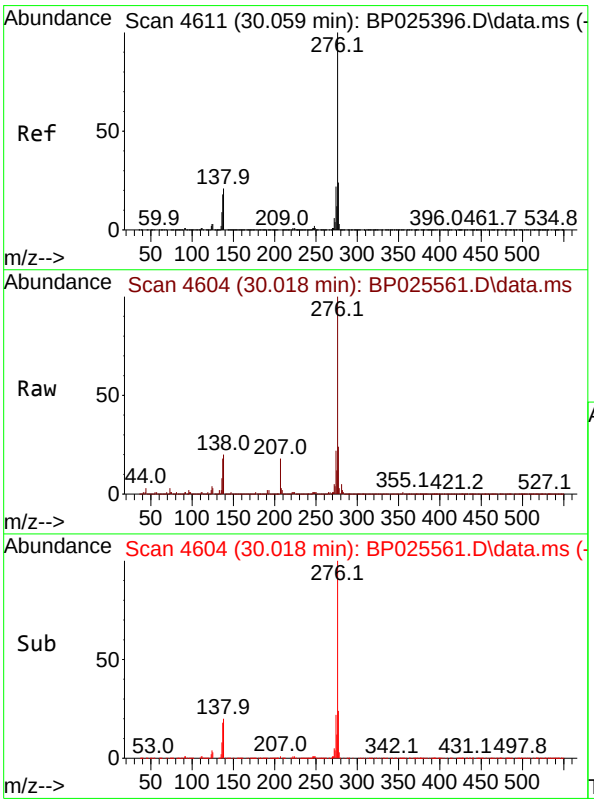
#91
Dibenzo(a,h)anthracene
Concen: 40.154 ng
RT: 28.918 min Scan# 44
Delta R.T. -0.035 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2581244

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.4
279	23.2	19.4	29.2

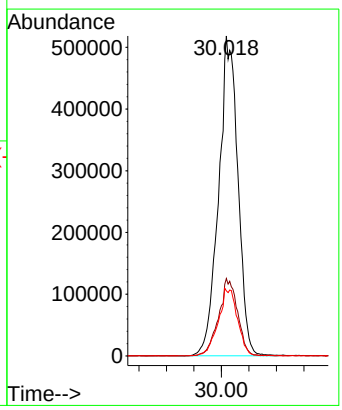




#92
Benzo(g,h,i)perylene
Concen: 39.848 ng
RT: 30.018 min Scan# 4604
Delta R.T. -0.041 min
Lab File: BP025561.D
Acq: 25 Aug 2025 12:13

Tgt Ion:276 Resp: 2517967

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	20.4	16.7	25.1



Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 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 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	112	-0.03
2		1,4-Dioxane	0.472	0.466	1.3	117	-0.02
3		Pyridine	1.291	1.271	1.5	116	-0.02
4		n-Nitrosodimethylamine	0.532	0.576	-8.3	126	-0.02
5	S	2-Fluorophenol	1.204	1.230	-2.2	118	-0.02
6		Aniline	2.080	2.076	0.2	115	-0.03
7	S	Phenol-d6	1.544	1.578	-2.2	116	-0.02
8		2-Chlorophenol	1.359	1.362	-0.2	116	-0.02
9		Benzaldehyde	1.082	1.338	-23.7	109	-0.03
10	C	Phenol	1.620	1.637	-1.0	116	-0.02
11		bis(2-Chloroethyl)ether	1.263	1.249	1.1	114	-0.03
12		1,3-Dichlorobenzene	1.499	1.484	1.0	115	-0.02
13	C	1,4-Dichlorobenzene	1.532	1.508	1.6	115	-0.03
14		1,2-Dichlorobenzene	1.483	1.451	2.2	113	-0.03
15		Benzyl Alcohol	1.227	1.191	2.9	111	-0.02
16		2,2'-oxybis(1-Chloropropane	1.692	1.716	-1.4	118	-0.02
17		2-Methylphenol	1.125	1.108	1.5	112	-0.02
18		Hexachloroethane	0.563	0.547	2.8	112	-0.03
19	P	n-Nitroso-di-n-propylamine	1.023	0.970	5.2	109	-0.03
20		3+4-Methylphenols	1.560	1.501	3.8	110	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	108	-0.02
22		Acetophenone	0.502	0.490	2.4	109	-0.02
23	S	Nitrobenzene-d5	0.395	0.399	-1.0	112	-0.03
24		Nitrobenzene	0.353	0.358	-1.4	112	-0.02
25		Isophorone	0.700	0.668	4.6	107	-0.03
26	C	2-Nitrophenol	0.181	0.186	-2.8	111	-0.02
27		2,4-Dimethylphenol	0.312	0.304	2.6	107	-0.03
28		bis(2-Chloroethoxy)methane	0.423	0.405	4.3	107	-0.03
29	C	2,4-Dichlorophenol	0.310	0.306	1.3	108	-0.02
30		1,2,4-Trichlorobenzene	0.340	0.323	5.0	106	-0.02
31		Naphthalene	1.040	1.011	2.8	109	-0.03
32		Benzoic acid	0.230	0.223	3.0	106	-0.01
33		4-Chloroaniline	0.459	0.446	2.8	106	-0.02
34	C	Hexachlorobutadiene	0.211	0.197	6.6	104	-0.03
35		Caprolactam	0.114	0.111	2.6	109	-0.02
36	C	4-Chloro-3-methylphenol	0.355	0.342	3.7	107	-0.02
37		2-Methylnaphthalene	0.676	0.636	5.9	105	-0.03
38		1-Methylnaphthalene	0.719	0.680	5.4	107	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	100	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.586	-1.4	105	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.387	-10.9	111	-0.03
42	S	2,4,6-Tribromophenol	0.269	0.270	-0.4	103	-0.01
43	C	2,4,6-Trichlorophenol	0.390	0.396	-1.5	104	-0.02
44		2,4,5-Trichlorophenol	0.427	0.435	-1.9	103	-0.01
45	S	2-Fluorobiphenyl	1.463	1.453	0.7	105	-0.02
46		1,1'-Biphenyl	1.453	1.456	-0.2	104	-0.02
47		2-Chloronaphthalene	1.131	1.146	-1.3	104	-0.02

Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 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 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	0.351	-6.7	106	-0.02
49		Acenaphthylene	1.871	1.872	-0.1	104	-0.02
50		Dimethylphthalate	1.465	1.428	2.5	102	-0.02
51		2,6-Dinitrotoluene	0.309	0.318	-2.9	103	-0.01
52	C	Acenaphthene	1.098	1.074	2.2	103	-0.01
53		3-Nitroaniline	0.347	0.364	-4.9	107	-0.01
54	P	2,4-Dinitrophenol	0.165	0.220	-33.3#	135	-0.01
55		Dibenzofuran	1.736	1.714	1.3	102	-0.02
56	P	4-Nitrophenol	0.285	0.297	-4.2	107	0.00
57		2,4-Dinitrotoluene	0.440	0.461	-4.8	106	-0.02
58		Fluorene	1.370	1.353	1.2	104	-0.02
59		2,3,4,6-Tetrachlorophenol	0.377	0.380	-0.8	103	-0.01
60		Diethylphthalate	1.488	1.451	2.5	101	-0.01
61		4-Chlorophenyl-phenylether	0.681	0.659	3.2	101	-0.02
62		4-Nitroaniline	0.356	0.380	-6.7	108	-0.01
63		Azobenzene	1.274	1.296	-1.7	105	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	102	-0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.147	-17.6	122	-0.01
66	c	n-Nitrosodiphenylamine	0.610	0.601	1.5	104	-0.01
67		4-Bromophenyl-phenylether	0.220	0.213	3.2	102	-0.01
68		Hexachlorobenzene	0.255	0.243	4.7	102	0.00
69		Atrazine	0.228	0.221	3.1	103	-0.01
70	C	Pentachlorophenol	0.161	0.156	3.1	101	0.00
71		Phenanthrene	1.099	1.083	1.5	106	0.00
72		Anthracene	1.122	1.113	0.8	105	0.00
73		Carbazole	1.057	1.061	-0.4	107	0.00
74		Di-n-butylphthalate	1.300	1.268	2.5	104	0.00
75	C	Fluoranthene	1.311	1.276	2.7	106	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	105	-0.02
77		Benzidine	0.683	0.733	-7.3	80	0.00
78		Pyrene	1.300	1.273	2.1	105	0.00
79	S	Terphenyl-d14	1.093	1.041	4.8	105	0.00
80		Butylbenzylphthalate	0.589	0.574	2.5	104	-0.01
81		Benzo(a)anthracene	1.319	1.282	2.8	106	-0.02
82		3,3'-Dichlorobenzidine	0.497	0.487	2.0	105	0.00
83		Chrysene	1.235	1.205	2.4	107	-0.01
84		Bis(2-ethylhexyl)phthalate	0.867	0.799	7.8	101	-0.03
85	c	Di-n-octyl phthalate	1.492	1.388	7.0	101	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	105	-0.03
87		Indeno(1,2,3-cd)pyrene	1.467	1.451	1.1	108	-0.02
88		Benzo(b)fluoranthene	1.179	1.144	3.0	106	-0.02
89		Benzo(k)fluoranthene	1.180	1.167	1.1	108	-0.03
90	C	Benzo(a)pyrene	1.148	1.140	0.7	108	-0.01
91		Dibenzo(a,h)anthracene	1.199	1.203	-0.3	109	-0.04
92		Benzo(g,h,i)perylene	1.178	1.174	0.3	108	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 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 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

Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 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 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	112	-0.03
2		1,4-Dioxane	40.000	39.496	1.3	117	-0.02
3		Pyridine	40.000	39.375	1.6	116	-0.02
4		n-Nitrosodimethylamine	40.000	43.249	-8.1	126	-0.02
5	S	2-Fluorophenol	80.000	81.710	-2.1	118	-0.02
6		Aniline	40.000	39.910	0.2	115	-0.03
7	S	Phenol-d6	80.000	81.761	-2.2	116	-0.02
8		2-Chlorophenol	40.000	40.097	-0.2	116	-0.02
9		Benzaldehyde	40.000	49.484	-23.7	109	-0.03
10	C	Phenol	40.000	40.408	-1.0	116	-0.02
11		bis(2-Chloroethyl)ether	40.000	39.577	1.1	114	-0.03
12		1,3-Dichlorobenzene	40.000	39.613	1.0	115	-0.02
13	C	1,4-Dichlorobenzene	40.000	39.395	1.5	115	-0.03
14		1,2-Dichlorobenzene	40.000	39.154	2.1	113	-0.03
15		Benzyl Alcohol	40.000	38.840	2.9	111	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	40.570	-1.4	118	-0.02
17		2-Methylphenol	40.000	39.399	1.5	112	-0.02
18		Hexachloroethane	40.000	38.854	2.9	112	-0.03
19	P	n-Nitroso-di-n-propylamine	40.000	37.921	5.2	109	-0.03
20		3+4-Methylphenols	40.000	38.494	3.8	110	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	108	-0.02
22		Acetophenone	40.000	39.080	2.3	109	-0.02
23	S	Nitrobenzene-d5	80.000	80.798	-1.0	112	-0.03
24		Nitrobenzene	40.000	40.502	-1.3	112	-0.02
25		Isophorone	40.000	38.173	4.6	107	-0.03
26	C	2-Nitrophenol	40.000	40.961	-2.4	111	-0.02
27		2,4-Dimethylphenol	40.000	39.037	2.4	107	-0.03
28		bis(2-Chloroethoxy)methane	40.000	38.325	4.2	107	-0.03
29	C	2,4-Dichlorophenol	40.000	39.573	1.1	108	-0.02
30		1,2,4-Trichlorobenzene	40.000	38.039	4.9	106	-0.02
31		Naphthalene	40.000	38.894	2.8	109	-0.03
32		Benzoic acid	40.000	38.733	3.2	106	-0.01
33		4-Chloroaniline	40.000	38.859	2.9	106	-0.02
34	C	Hexachlorobutadiene	40.000	37.301	6.7	104	-0.03
35		Caprolactam	40.000	39.001	2.5	109	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.508	3.7	107	-0.02
37		2-Methylnaphthalene	40.000	37.585	6.0	105	-0.03
38		1-Methylnaphthalene	40.000	37.806	5.5	107	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	100	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	40.556	-1.4	105	-0.02
41	P	Hexachlorocyclopentadiene	40.000	44.362	-10.9	111	-0.03
42	S	2,4,6-Tribromophenol	80.000	80.257	-0.3	103	-0.01
43	C	2,4,6-Trichlorophenol	40.000	40.662	-1.7	104	-0.02
44		2,4,5-Trichlorophenol	40.000	40.714	-1.8	103	-0.01
45	S	2-Fluorobiphenyl	80.000	79.434	0.7	105	-0.02
46		1,1'-Biphenyl	40.000	40.089	-0.2	104	-0.02
47		2-Chloronaphthalene	40.000	40.540	-1.3	104	-0.02

Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 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 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	42.624	-6.6	106	-0.02
49		Acenaphthylene	40.000	40.026	-0.1	104	-0.02
50		Dimethylphthalate	40.000	38.989	2.5	102	-0.02
51		2,6-Dinitrotoluene	40.000	41.166	-2.9	103	-0.01
52	C	Acenaphthene	40.000	39.125	2.2	103	-0.01
53		3-Nitroaniline	40.000	41.940	-4.8	107	-0.01
54	P	2,4-Dinitrophenol	40.000	53.348	-33.4#	135	-0.01
55		Dibenzofuran	40.000	39.493	1.3	102	-0.02
56	P	4-Nitrophenol	40.000	41.685	-4.2	107	0.00
57		2,4-Dinitrotoluene	40.000	41.902	-4.8	106	-0.02
58		Fluorene	40.000	39.508	1.2	104	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	40.260	-0.6	103	-0.01
60		Diethylphthalate	40.000	38.998	2.5	101	-0.01
61		4-Chlorophenyl-phenylether	40.000	38.676	3.3	101	-0.02
62		4-Nitroaniline	40.000	42.695	-6.7	108	-0.01
63		Azobenzene	40.000	40.672	-1.7	105	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	102	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	47.015	-17.5	122	-0.01
66	c	n-Nitrosodiphenylamine	40.000	39.425	1.4	104	-0.01
67		4-Bromophenyl-phenylether	40.000	38.696	3.3	102	-0.01
68		Hexachlorobenzene	40.000	38.094	4.8	102	0.00
69		Atrazine	40.000	38.790	3.0	103	-0.01
70	C	Pentachlorophenol	40.000	38.776	3.1	101	0.00
71		Phenanthrene	40.000	39.424	1.4	106	0.00
72		Anthracene	40.000	39.697	0.8	105	0.00
73		Carbazole	40.000	40.154	-0.4	107	0.00
74		Di-n-butylphthalate	40.000	39.016	2.5	104	0.00
75	C	Fluoranthene	40.000	38.949	2.6	106	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	105	-0.02
77		Benzidine	40.000	42.933	-7.3	80	0.00
78		Pyrene	40.000	39.180	2.1	105	0.00
79	S	Terphenyl-d14	80.000	76.218	4.7	105	0.00
80		Butylbenzylphthalate	40.000	38.948	2.6	104	-0.01
81		Benzo(a)anthracene	40.000	38.883	2.8	106	-0.02
82		3,3'-Dichlorobenzidine	40.000	39.214	2.0	105	0.00
83		Chrysene	40.000	39.030	2.4	107	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	36.870	7.8	101	-0.03
85	c	Di-n-octyl phthalate	40.000	37.221	6.9	101	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	105	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	39.583	1.0	108	-0.02
88		Benzo(b)fluoranthene	40.000	38.787	3.0	106	-0.02
89		Benzo(k)fluoranthene	40.000	39.543	1.1	108	-0.03
90	C	Benzo(a)pyrene	40.000	39.726	0.7	108	-0.01
91		Dibenzo(a,h)anthracene	40.000	40.154	-0.4	109	-0.04
92		Benzo(g,h,i)perylene	40.000	39.848	0.4	108	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 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 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

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: HERO01

Lab Code: ACE SDG No.: Q2928

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.238		2.8	
Benzaldehyde	1.082	1.311		21.2	
Phenol-d6	1.544	1.536		-0.5	
Phenol	1.620	1.579		-2.5	20.0
bis(2-Chloroethyl)ether	1.263	1.232		-2.5	
2-Chlorophenol	1.359	1.354		-0.4	
2-Methylphenol	1.125	1.095		-2.7	
2,2-oxybis(1-Chloropropane)	1.692	1.682		-0.6	
Acetophenone	0.502	0.498		-0.8	
3+4-Methylphenols	1.560	1.460		-6.4	
n-Nitroso-di-n-propylamine	1.023	0.944	0.050	-7.7	
Nitrobenzene-d5	0.395	0.403		2.0	
Hexachloroethane	0.563	0.567		0.7	
Nitrobenzene	0.353	0.356		0.9	
Isophorone	0.700	0.679		-3.0	
2-Nitrophenol	0.181	0.189		4.4	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.409		-3.3	
2,4-Dichlorophenol	0.310	0.308		-0.6	20.0
Naphthalene	1.040	1.016		-2.3	
4-Chloroaniline	0.459	0.440		-4.1	
Hexachlorobutadiene	0.211	0.212		0.5	20.0
Caprolactam	0.114	0.106		-7.0	
4-Chloro-3-methylphenol	0.355	0.344		-3.1	20.0
2-Methylnaphthalene	0.676	0.650		-3.8	
Hexachlorocyclopentadiene	0.349	0.378	0.050	8.3	
2,4,6-Trichlorophenol	0.390	0.414		6.2	20.0
2-Fluorobiphenyl	1.463	1.454		-0.6	
2,4,5-Trichlorophenol	0.427	0.455		6.6	
1,1-Biphenyl	1.453	1.465		0.8	
2-Chloronaphthalene	1.131	1.145		1.2	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.457		-0.5	
Acenaphthylene	1.871	1.885		0.7	
2,6-Dinitrotoluene	0.309	0.317		2.6	
3-Nitroaniline	0.347	0.352		1.4	
Acenaphthene	1.098	1.071		-2.5	20.0
2,4-Dinitrophenol	0.165	0.206	0.050	24.8	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

Raw Data: **BP025579.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: HERO01

Lab Code: ACE SDG No.: Q2928

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.708		-1.6	
2,4-Dinitrotoluene	0.440	0.449		2.0	
Diethylphthalate	1.488	1.476		-0.8	
4-Chlorophenyl-phenylether	0.681	0.673		-1.2	
Fluorene	1.370	1.330		-2.9	
4-Nitroaniline	0.356	0.360		1.1	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.600		-1.6	20.0
2,4,6-Tribromophenol	0.269	0.279		3.7	
4-Bromophenyl-phenylether	0.220	0.223		1.4	
Hexachlorobenzene	0.255	0.259		1.6	
Atrazine	0.228	0.224		-1.8	
Pentachlorophenol	0.161	0.160		-0.6	20.0
Phenanthrene	1.099	1.075		-2.2	
Anthracene	1.122	1.109		-1.2	
Carbazole	1.057	1.018		-3.7	
Di-n-butylphthalate	1.300	1.288		-0.9	
Fluoranthene	1.311	1.234		-5.9	20.0
Pyrene	1.300	1.297		-0.2	
Terphenyl-d14	1.093	1.098		0.5	
Butylbenzylphthalate	0.589	0.609		3.4	
3,3-Dichlorobenzidine	0.497	0.499		0.4	
Benzo(a)anthracene	1.319	1.294		-1.9	
Chrysene	1.235	1.223		-1.0	
Bis(2-ethylhexyl)phthalate	0.867	0.871		0.5	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Benzo(b)fluoranthene	1.179	1.158		-1.8	
Benzo(k)fluoranthene	1.180	1.141		-3.3	
Benzo(a)pyrene	1.148	1.118		-2.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.442		-1.7	
Dibenzo(a,h)anthracene	1.199	1.179		-1.7	
Benzo(g,h,i)perylene	1.178	1.147		-2.6	
1,2,4,5-Tetrachlorobenzene	0.578	0.600		3.8	
1,4-Dioxane	0.472	0.478		1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.382		1.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 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	7.778	152	235051	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	932609	20.000	ng	-0.01
39) Acenaphthene-d10	14.390	164	572065	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	1130975	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1110364	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1292923	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1163809	82.226	ng	0.00
7) Phenol-d6	6.972	99	1443988	79.575	ng	0.00
23) Nitrobenzene-d5	8.925	82	1502043	81.472	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	639528	83.055	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	3325998	79.459	ng	-0.02
79) Terphenyl-d14	19.919	244	4877631	80.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	224845	40.557	ng	98
3) Pyridine	3.731	79	602438	39.701	ng	97
4) n-Nitrosodimethylamine	3.637	42	257855	41.218	ng	99
6) Aniline	7.119	93	944949	38.650	ng	99
8) 2-Chlorophenol	7.361	128	636701	39.864	ng	98
9) Benzaldehyde	6.931	77	616270	48.474	ng	96
10) Phenol	7.002	94	742076	38.972	ng	98
11) bis(2-Chloroethyl)ether	7.208	93	578952	39.010	ng	96
12) 1,3-Dichlorobenzene	7.672	146	703964	39.972	ng	98
13) 1,4-Dichlorobenzene	7.814	146	707832	39.322	ng	99
14) 1,2-Dichlorobenzene	8.131	146	676716	38.836	ng	99
15) Benzyl Alcohol	8.019	79	549664	38.122	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	790859	39.779	ng	97
17) 2-Methylphenol	8.225	107	514974	38.941	ng	99
18) Hexachloroethane	8.849	117	266626	40.285	ng	97
19) n-Nitroso-di-n-propyla...	8.578	70	443913	36.932	ng	99
20) 3+4-Methylphenols	8.549	107	686414	37.445	ng	97
22) Acetophenone	8.590	105	929055	39.724	ng	98
24) Nitrobenzene	8.966	77	663698	40.281	ng	98
25) Isophorone	9.490	82	1265792	38.795	ng	100
26) 2-Nitrophenol	9.666	139	352539	41.691	ng	98
27) 2,4-Dimethylphenol	9.737	122	573582	39.443	ng	99
28) bis(2-Chloroethoxy)met...	9.960	93	763692	38.722	ng	98
29) 2,4-Dichlorophenol	10.213	162	573818	39.723	ng	99
30) 1,2,4-Trichlorobenzene	10.413	180	628899	39.714	ng	98
31) Naphthalene	10.602	128	1894368	39.081	ng	99
32) Benzoic acid	9.896	122	434436	40.466	ng	99
33) 4-Chloroaniline	10.702	127	820796	38.334	ng	99
34) Hexachlorobutadiene	10.884	225	394850	40.037	ng	98
35) Caprolactam	11.502	113	197954	37.371	ng	99
36) 4-Chloro-3-methylphenol	11.843	107	641625	38.708	ng	99
37) 2-Methylnaphthalene	12.207	142	1212709	38.444	ng	99
38) 1-Methylnaphthalene	12.419	142	1260933	37.588	ng	100
40) 1,2,4,5-Tetrachloroben...	12.572	216	686446	41.548	ng	100
41) Hexachlorocyclopentadiene	12.554	237	432234	43.311	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	474193	42.513	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 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

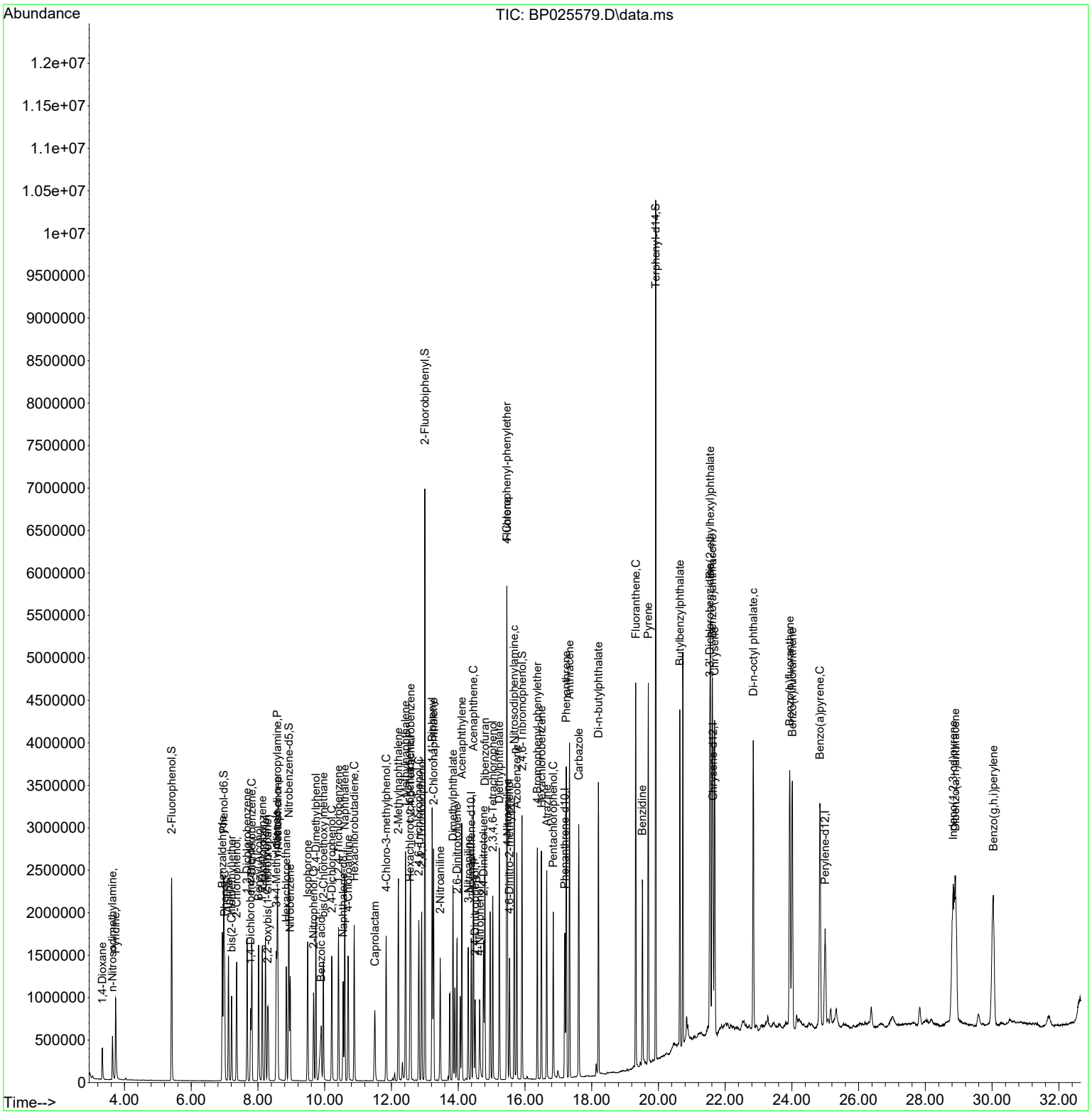
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	520069	42.543	ng	96
46) 1,1'-Biphenyl	13.219	154	1676486	40.352	ng	98
47) 2-Chloronaphthalene	13.260	162	1310530	40.519	ng	99
48) 2-Nitroaniline	13.460	65	402633	42.723	ng	99
49) Acenaphthylene	14.107	152	2156400	40.292	ng	99
50) Dimethylphthalate	13.843	163	1666999	39.793	ng	99
51) 2,6-Dinitrotoluene	13.966	165	362713	41.079	ng	98
52) Acenaphthene	14.454	154	1225216	39.001	ng	100
53) 3-Nitroaniline	14.301	138	403295	40.597	ng	97
54) 2,4-Dinitrophenol	14.507	184	235700	49.987	ng	99
55) Dibenzofuran	14.801	168	1954402	39.350	ng	98
56) 4-Nitrophenol	14.643	139	314549	38.533	ng	97
57) 2,4-Dinitrotoluene	14.760	165	514206	40.818	ng	99
58) Fluorene	15.460	166	1521365	38.819	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	437267	40.510	ng	99
60) Diethylphthalate	15.231	149	1688239	39.661	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	769934	39.502	ng	99
62) 4-Nitroaniline	15.478	138	412280	40.483	ng	99
63) Azobenzene	15.754	77	1465800	40.216	ng	99
65) 4,6-Dinitro-2-methylph...	15.537	198	320151	45.412	ng	95
66) n-Nitrosodiphenylamine	15.678	169	1358091	39.379	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	504211	40.536	ng	97
68) Hexachlorobenzene	16.495	284	584868	40.563	ng	95
69) Atrazine	16.654	200	507511	39.294	ng	98
70) Pentachlorophenol	16.848	266	362130	39.786	ng	97
71) Phenanthrene	17.237	178	2432486	39.153	ng	99
72) Anthracene	17.337	178	2509132	39.548	ng	100
73) Carbazole	17.613	167	2303052	38.538	ng	99
74) Di-n-butylphthalate	18.201	149	2913457	39.626	ng	99
75) Fluoranthene	19.319	202	2791668	37.670	ng	99
77) Benzidine	19.519	184	1444118	38.109	ng	100
78) Pyrene	19.695	202	2881100	39.921	ng	99
80) Butylbenzylphthalate	20.642	149	1352603	41.353	ng	99
81) Benzo(a)anthracene	21.613	228	2873936	39.246	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	1108523	40.161	ng	98
83) Chrysene	21.683	228	2716264	39.608	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1934845	40.185	ng	99
85) Di-n-octyl phthalate	22.842	149	3430668	41.424	ng	99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3727641	39.314	ng	94
88) Benzo(b)fluoranthene	23.936	252	2993424	39.263	ng	99
89) Benzo(k)fluoranthene	24.013	252	2949181	38.657	ng	99
90) Benzo(a)pyrene	24.836	252	2890050	38.942	ng	99
91) Dibenzo(a,h)anthracene	28.901	278	3048612	39.344	ng	99
92) Benzo(g,h,i)perylene	30.036	276	2965349	38.932	ng	98

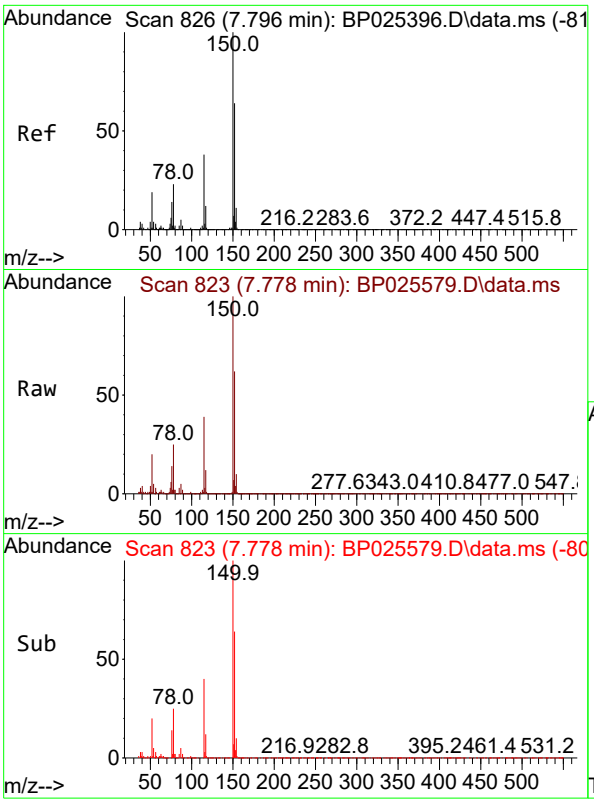
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 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



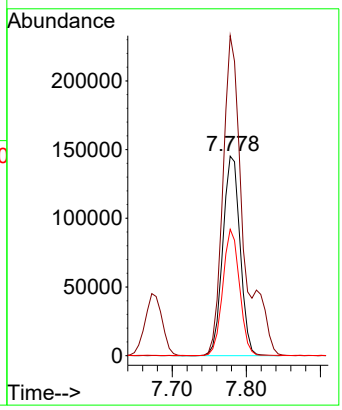


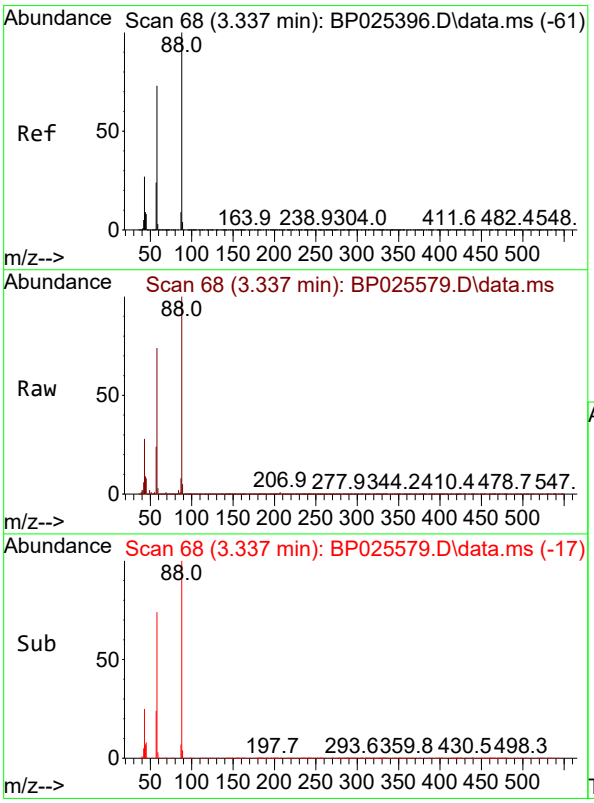
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 235051

Ion	Ratio	Lower	Upper
152	100		
150	160.4	125.9	188.9
115	63.3	48.5	72.7

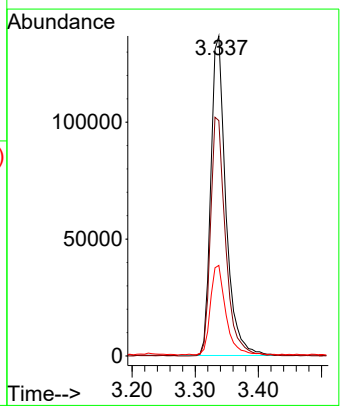


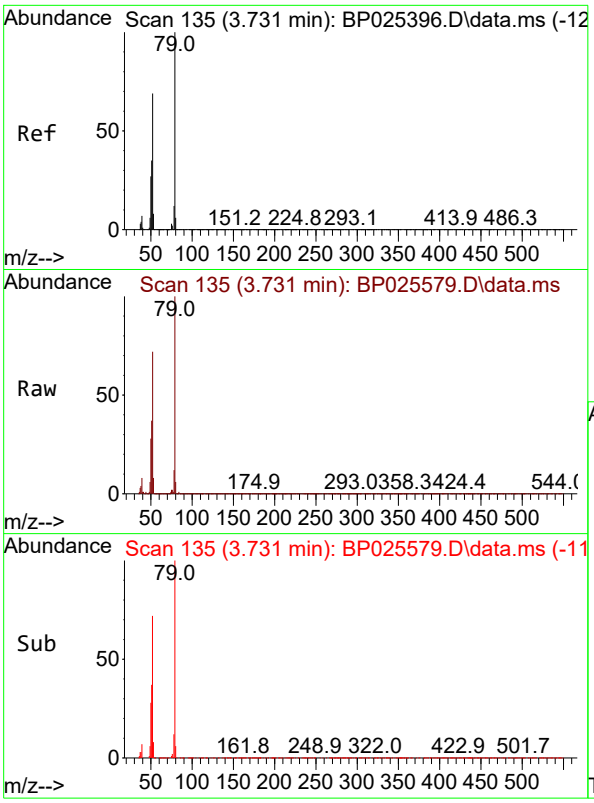


#2
1,4-Dioxane
Concen: 40.557 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion: 88 Resp: 224845

Ion	Ratio	Lower	Upper
88	100		
58	75.1	59.2	88.8
43	29.1	21.7	32.5



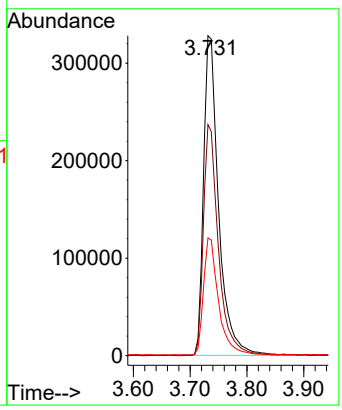


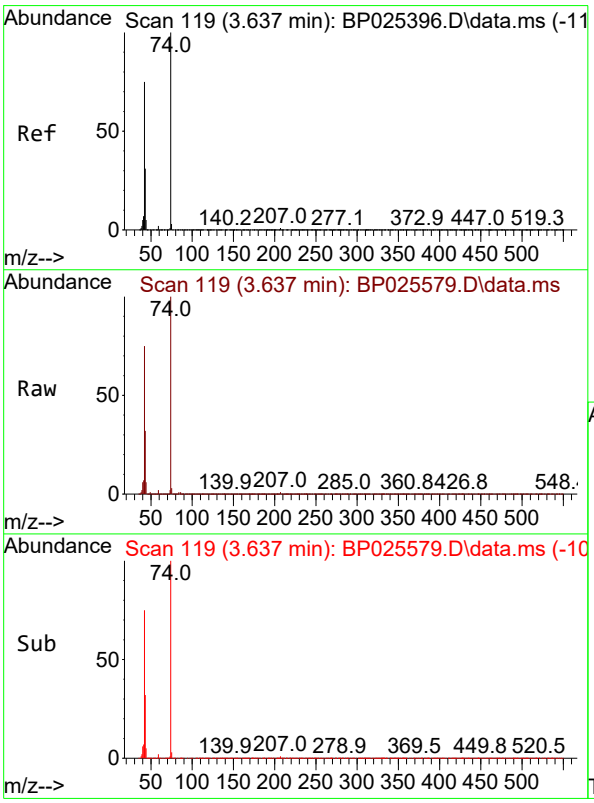
#3
Pyridine
Concen: 39.701 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 602438

Ion	Ratio	Lower	Upper
79	100		
52	72.2	55.5	83.3
51	36.8	28.3	42.5

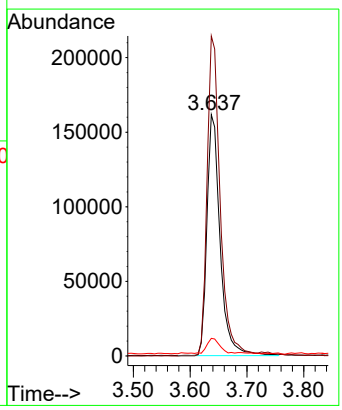


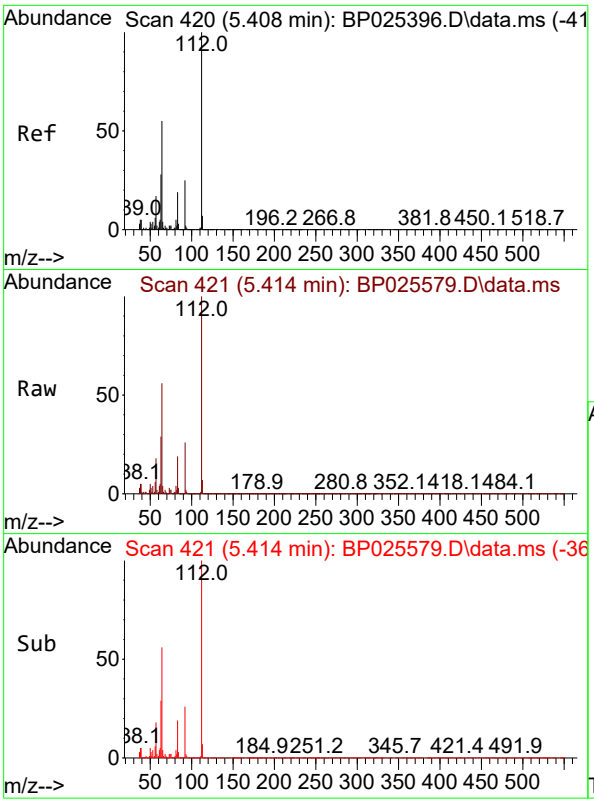


#4
n-Nitrosodimethylamine
Concen: 41.218 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion: 42 Resp: 257855

Ion	Ratio	Lower	Upper
42	100		
74	132.6	107.0	160.4
44	7.3	6.2	9.4



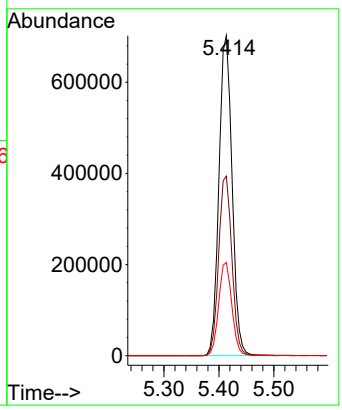


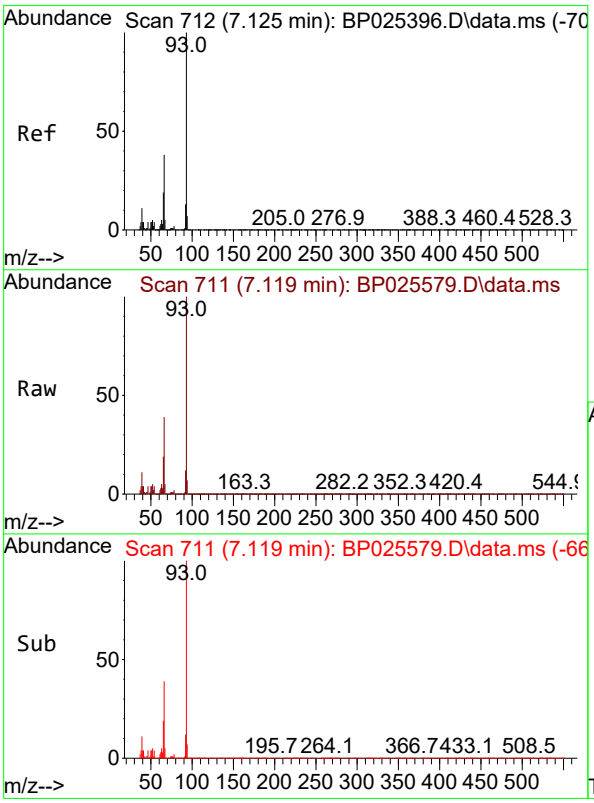
#5
2-Fluorophenol
Concen: 82.226 ng
RT: 5.414 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1163809

Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.8	65.8
63	29.1	22.7	34.1

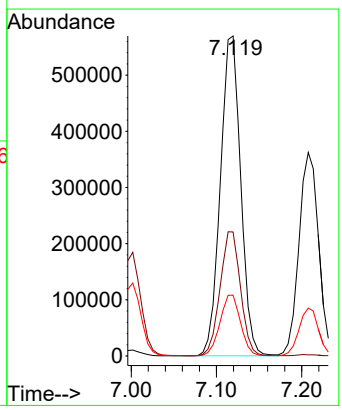


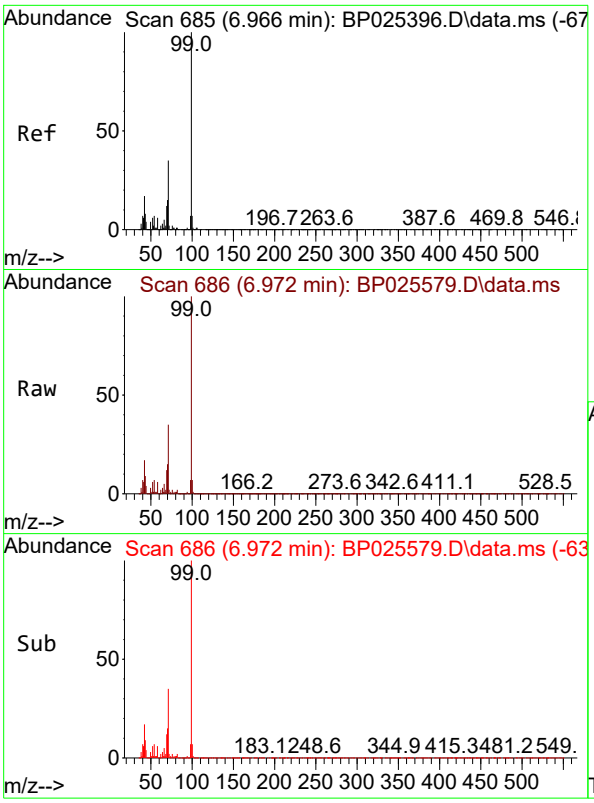


#6
Aniline
Concen: 38.650 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion: 93 Resp: 944949

Ion	Ratio	Lower	Upper
93	100		
66	38.8	30.4	45.6
65	19.0	15.3	22.9



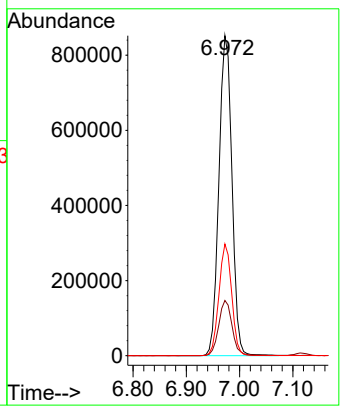


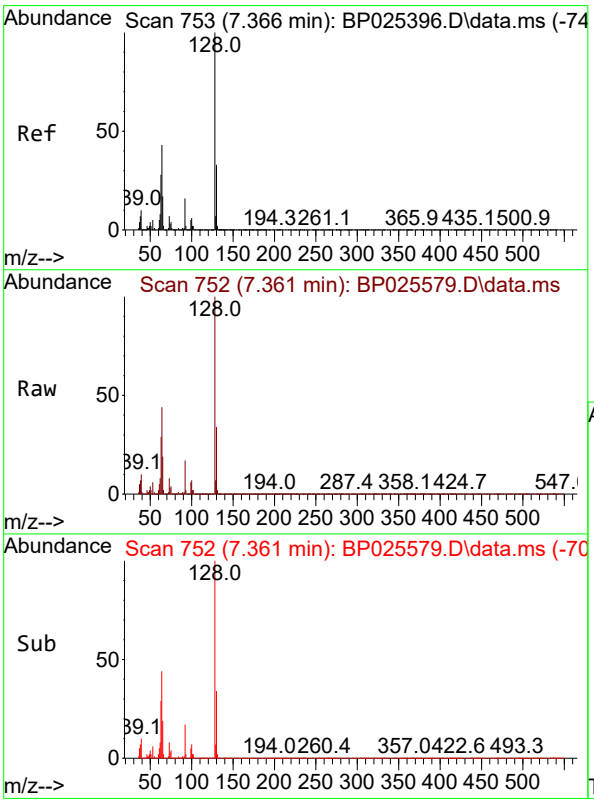
#7
Phenol-d6
Concen: 79.575 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1443988

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	34.9	28.2	42.4

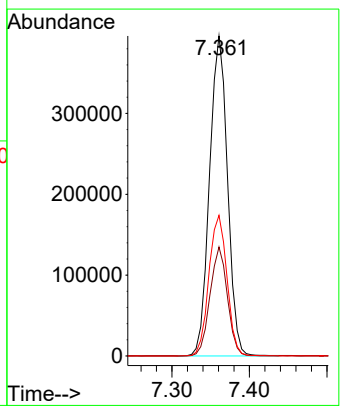


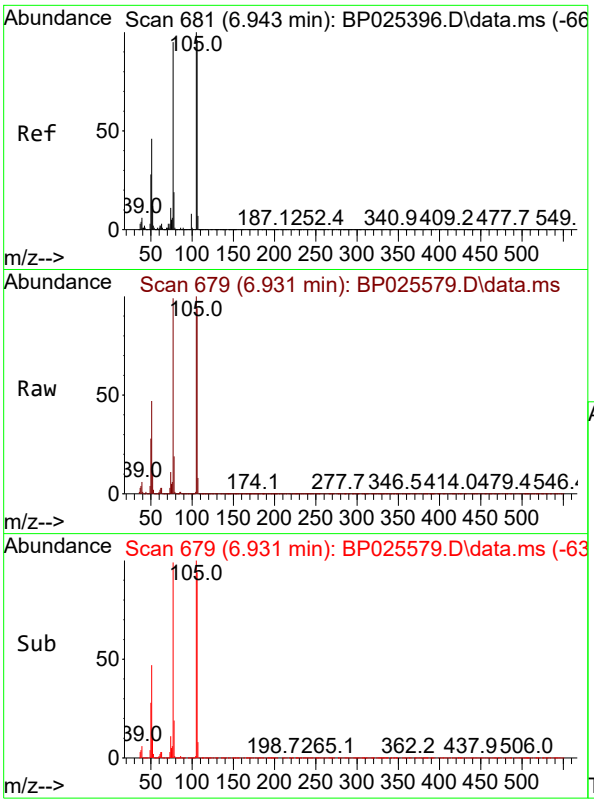


#8
2-Chlorophenol
Concen: 39.864 ng
RT: 7.361 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:128 Resp: 636701

Ion	Ratio	Lower	Upper
128	100		
130	34.1	12.6	52.6
64	43.9	23.4	63.4



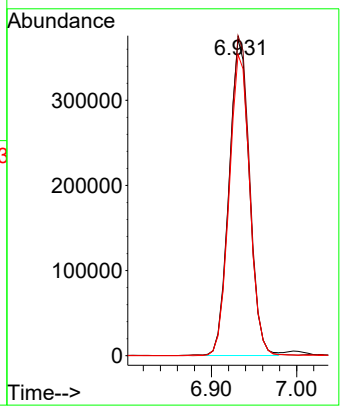


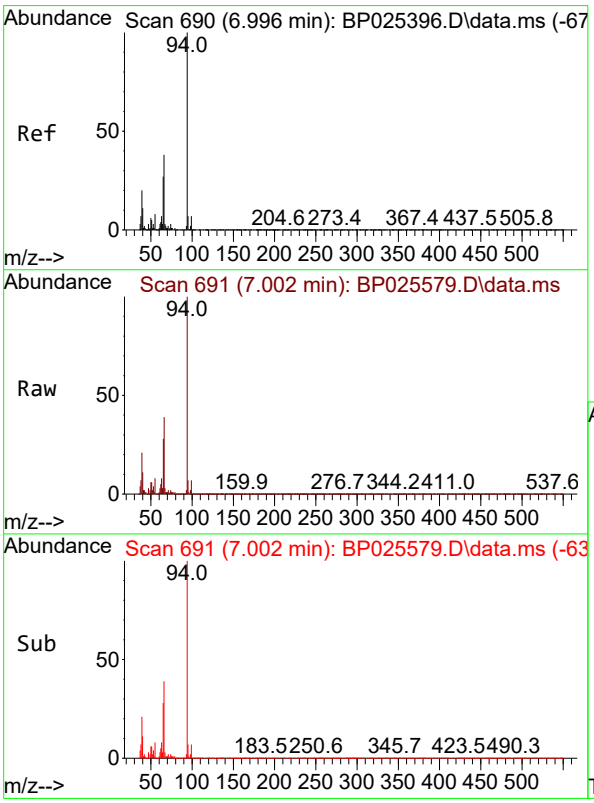
#9
Benzaldehyde
Concen: 48.474 ng
RT: 6.931 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 616270

Ion	Ratio	Lower	Upper
77	100		
105	101.1	84.8	124.8
106	95.2	80.5	120.5

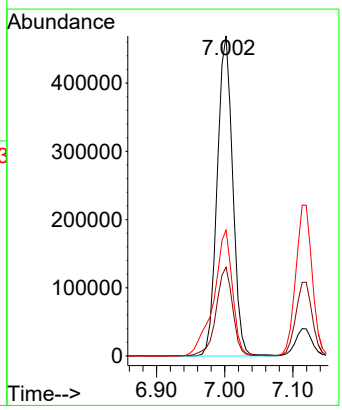


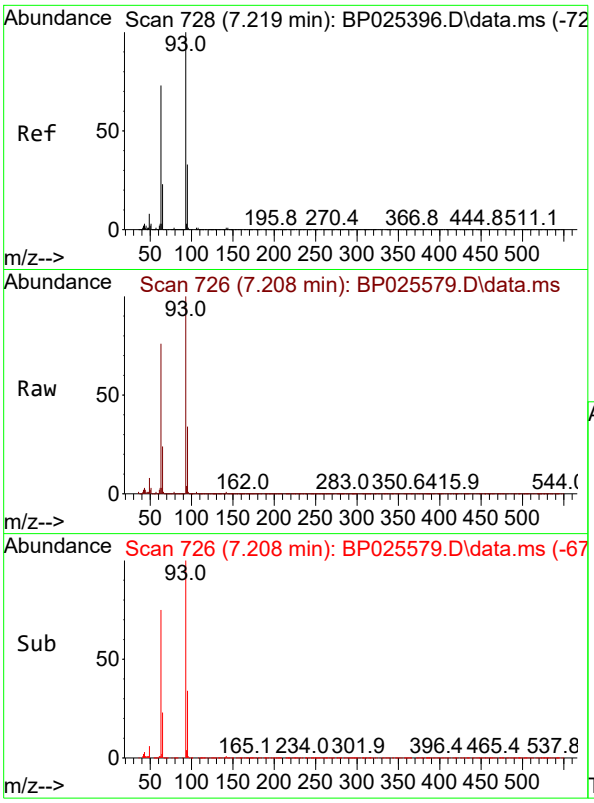


#10
Phenol
Concen: 38.972 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion: 94 Resp: 742076

Ion	Ratio	Lower	Upper
94	100		
65	27.7	6.8	46.8
66	39.4	18.2	58.2



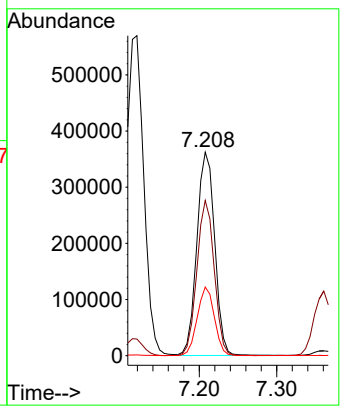


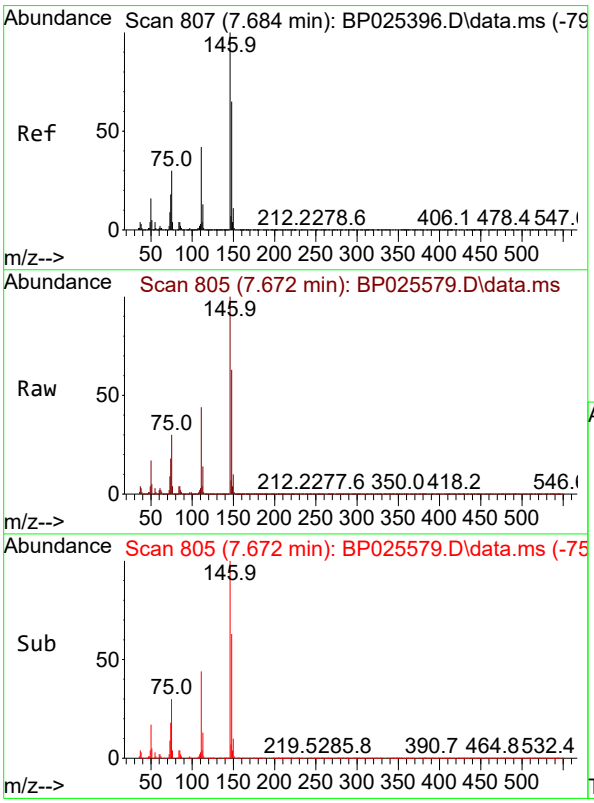
#11
bis(2-Chloroethyl)ether
Concen: 39.010 ng
RT: 7.208 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 578952

Ion	Ratio	Lower	Upper
93	100		
63	76.2	52.6	92.6
95	33.7	12.7	52.7

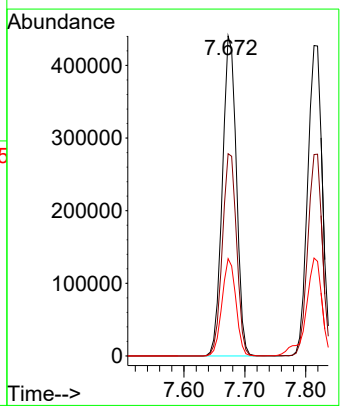


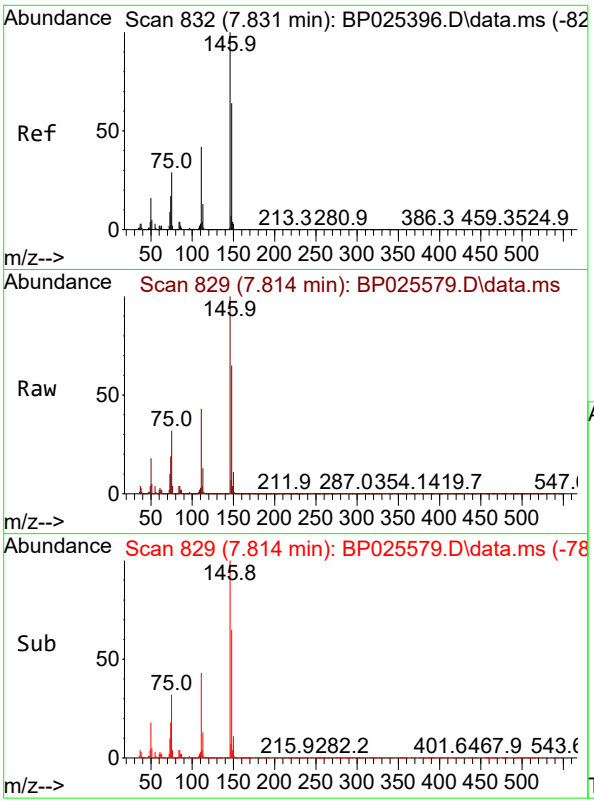


#12
1,3-Dichlorobenzene
Concen: 39.972 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:146 Resp: 703964

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
75	30.4	23.7	35.5



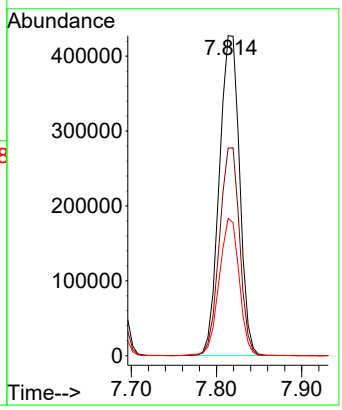


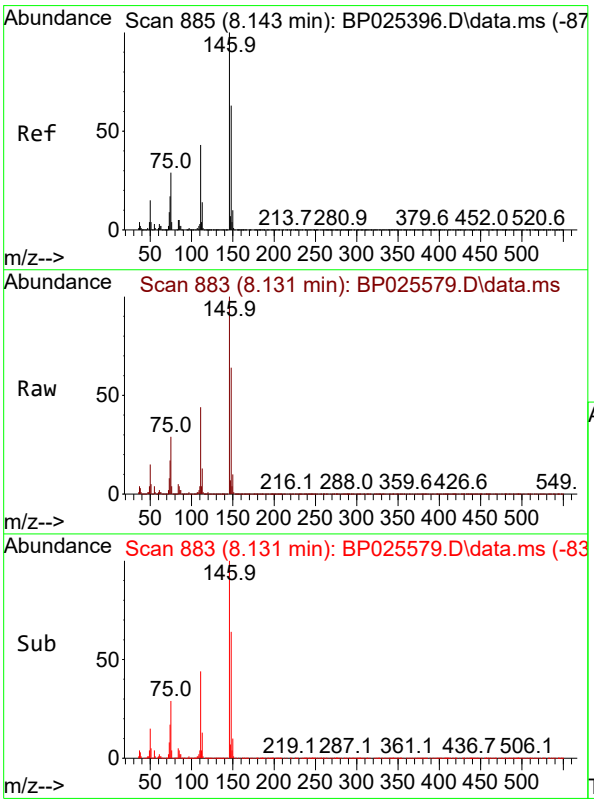
#13
1,4-Dichlorobenzene
Concen: 39.322 ng
RT: 7.814 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 707832

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
111	42.9	33.4	50.0

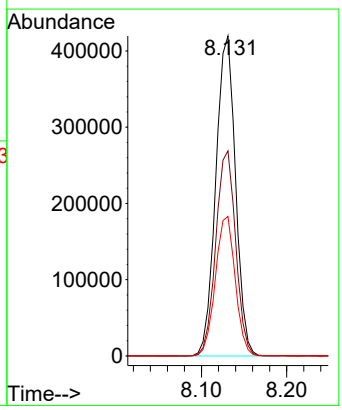


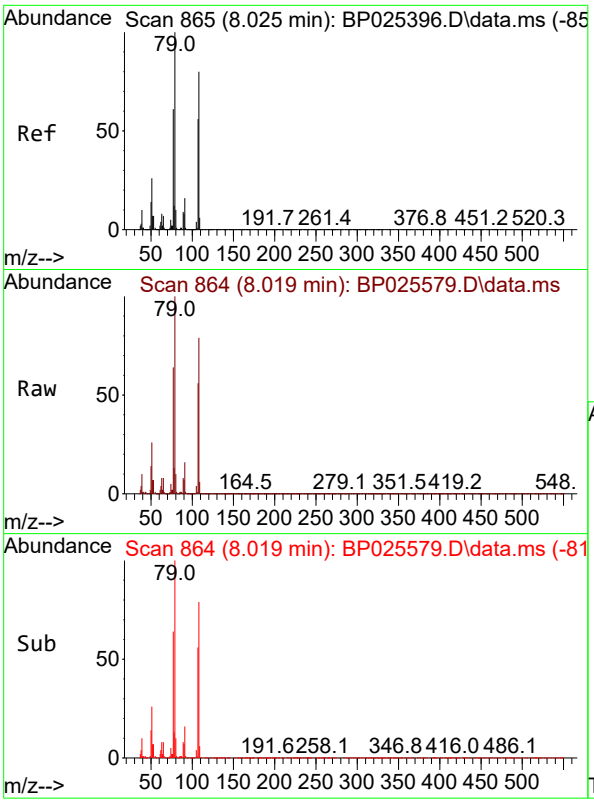


#14
1,2-Dichlorobenzene
Concen: 38.836 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:146 Resp: 676716

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	43.6	34.5	51.7



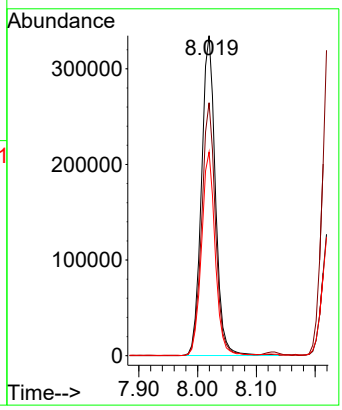


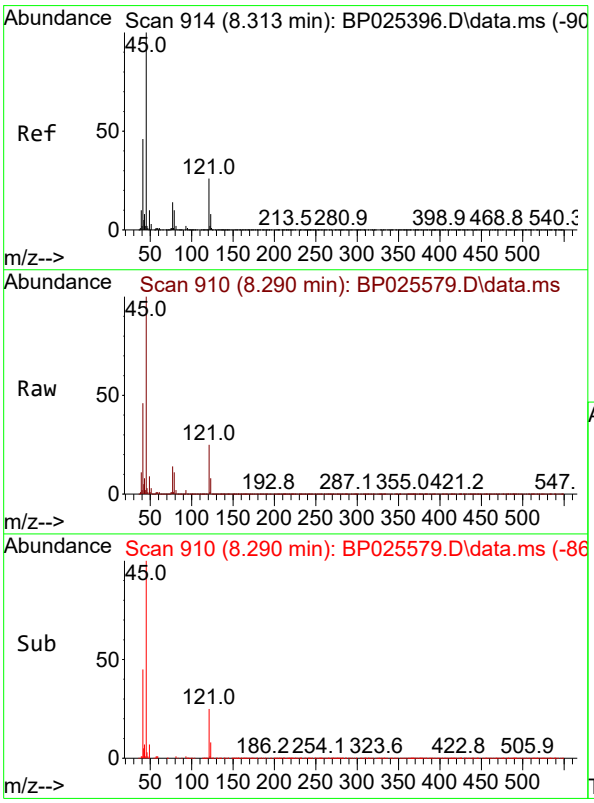
#15
Benzyl Alcohol
Concen: 38.122 ng
RT: 8.019 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 549664

Ion	Ratio	Lower	Upper
79	100		
108	79.0	63.8	95.6
77	63.7	49.0	73.4

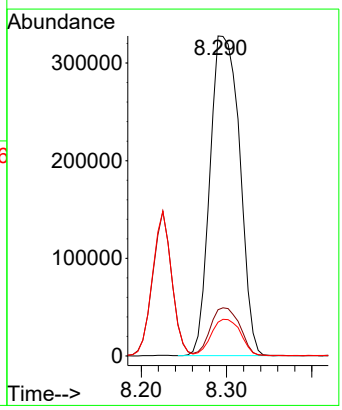


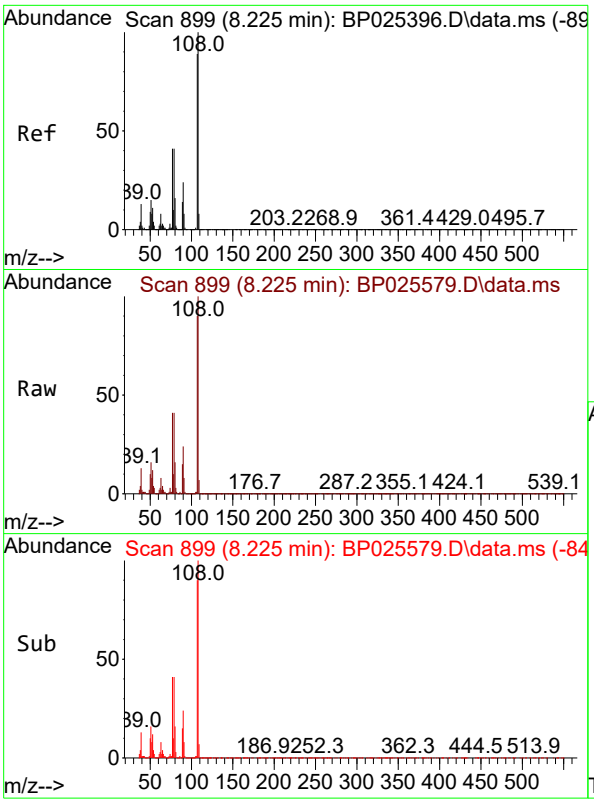


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.779 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion: 45 Resp: 790859

Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	35.3
79	10.6	0.0	31.8



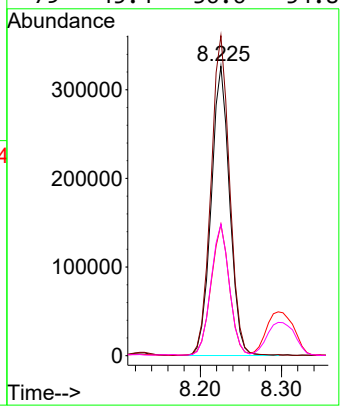


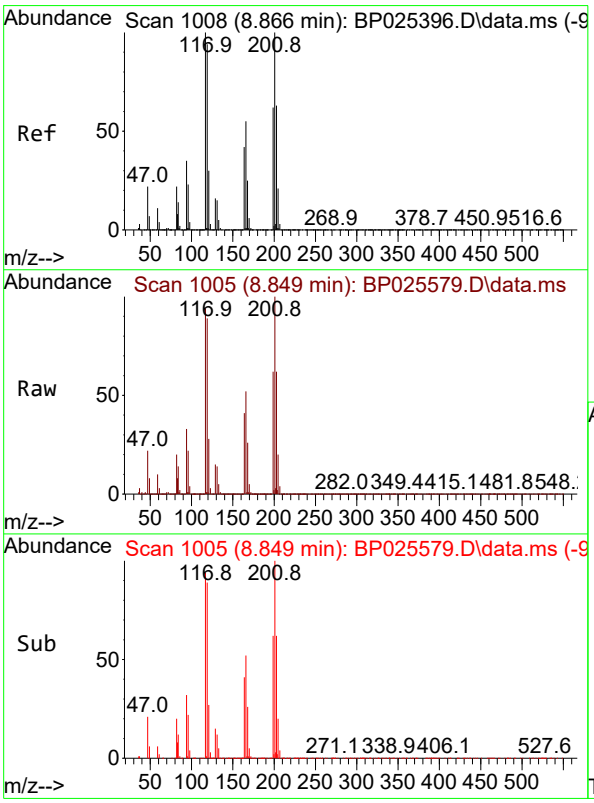
#17
2-Methylphenol
Concen: 38.941 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 514974

Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.4	134.0
77	45.4	36.3	54.5
79	45.4	36.6	54.8

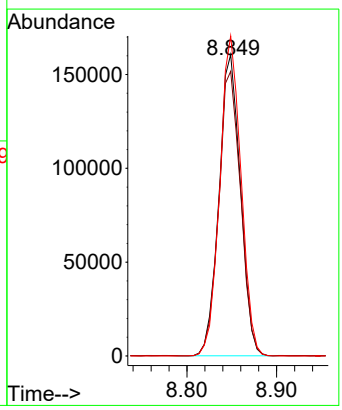


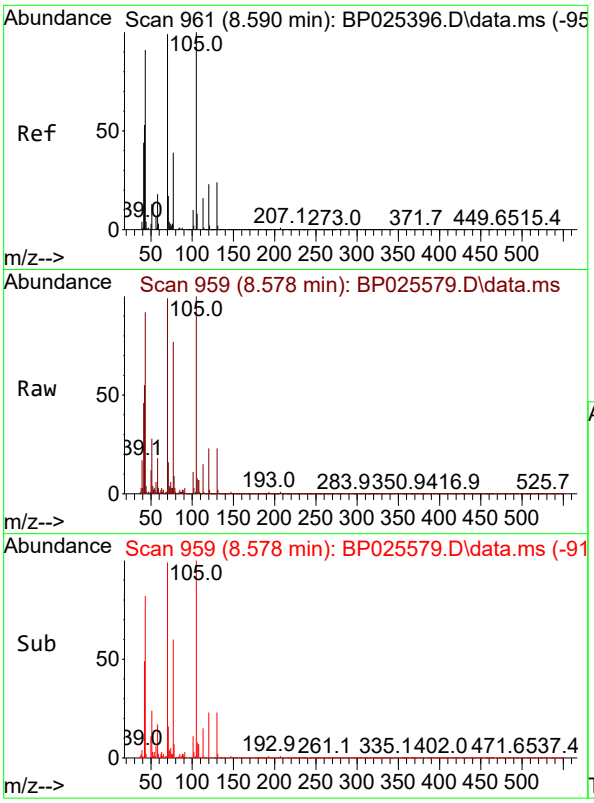


#18
Hexachloroethane
Concen: 40.285 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:117 Resp: 266626

Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.1	112.7
201	106.1	80.1	120.1



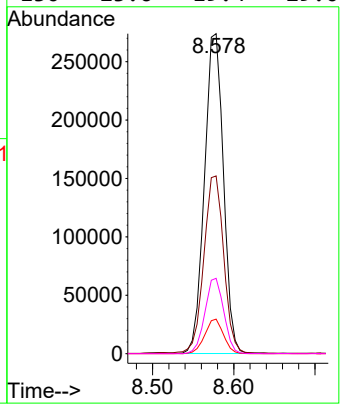


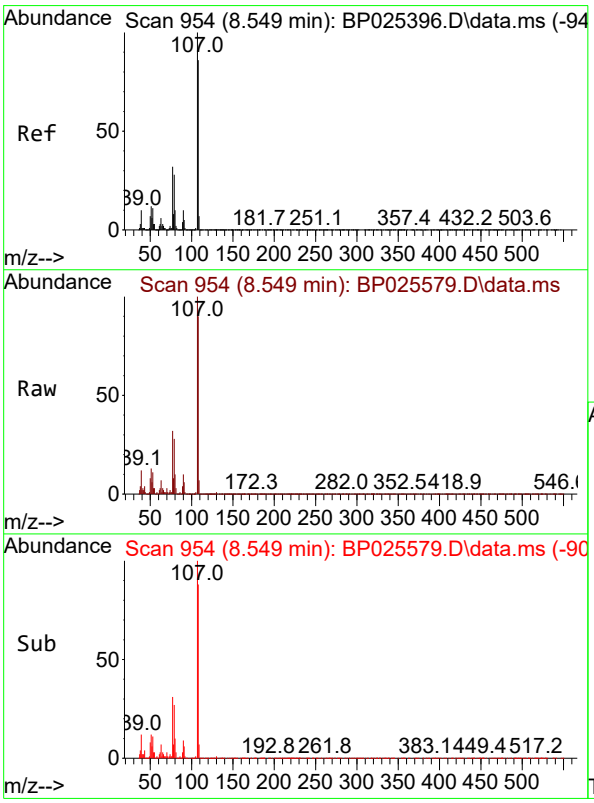
#19
n-Nitroso-di-n-propylamine
Concen: 36.932 ng
RT: 8.578 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 443913

Ion	Ratio	Lower	Upper
70	100		
42	55.6	43.8	65.6
101	10.8	8.5	12.7
130	23.6	19.4	29.0

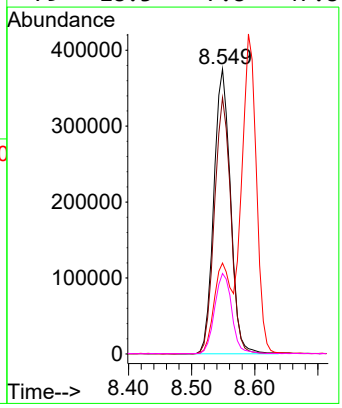


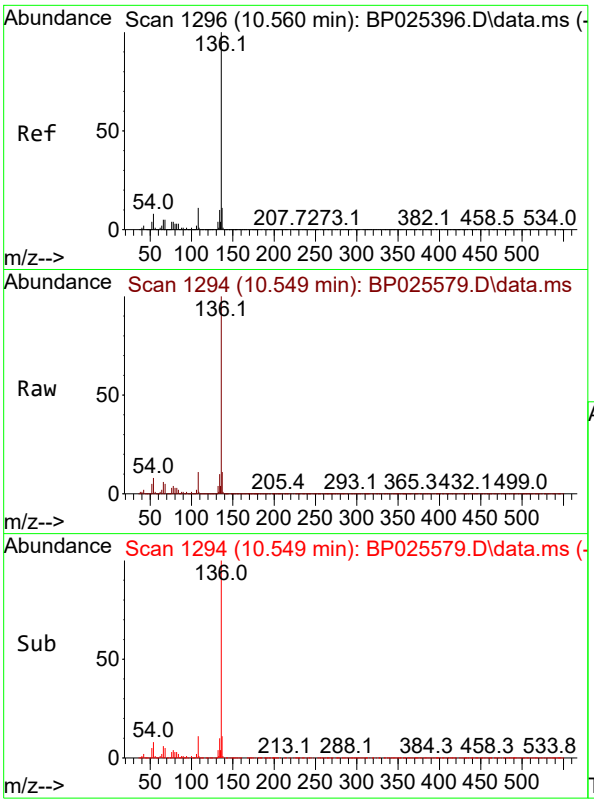


#20
3+4-Methylphenols
Concen: 37.445 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:107 Resp: 686414

Ion	Ratio	Lower	Upper
107	100		
108	90.0	66.3	106.3
77	31.9	12.3	52.3
79	28.3	7.8	47.8



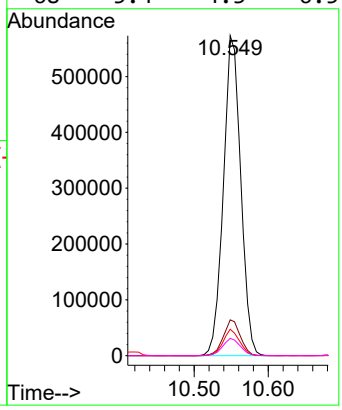


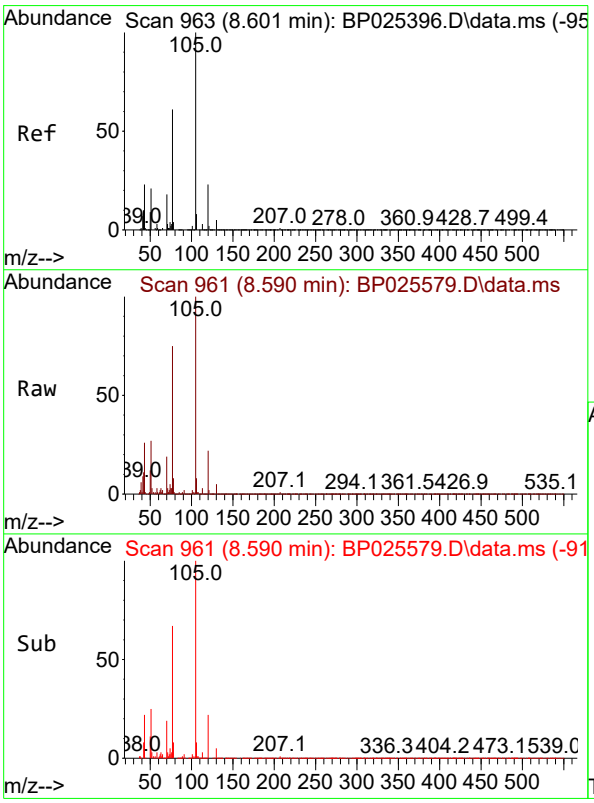
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 932609

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.2	6.0	9.0
68	5.4	4.3	6.5

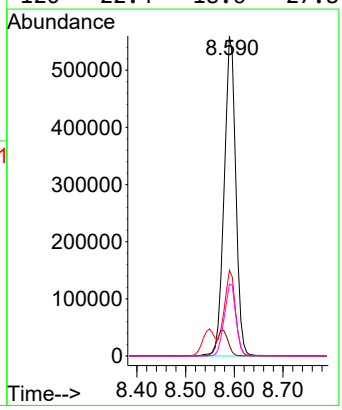


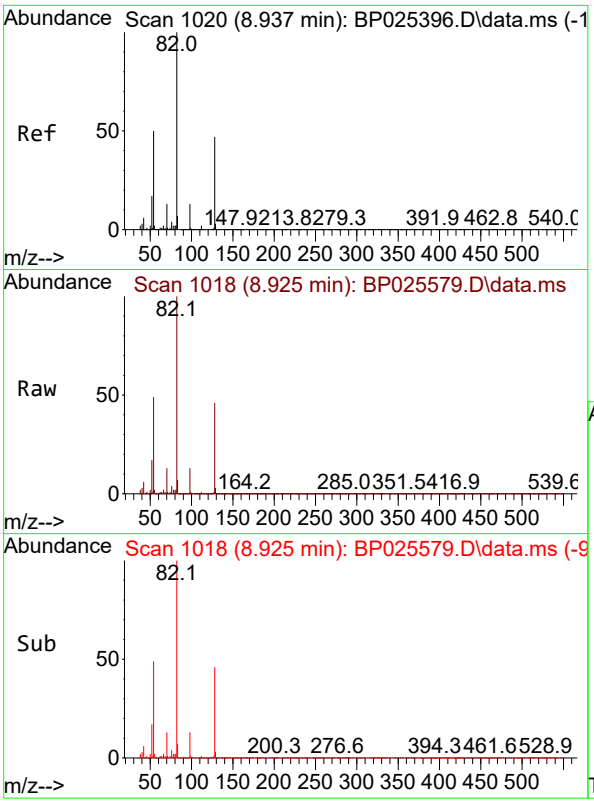


#22
Acetophenone
Concen: 39.724 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:105 Resp: 929055

Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.6	4.0
51	26.8	20.6	30.8
120	22.4	18.6	27.8



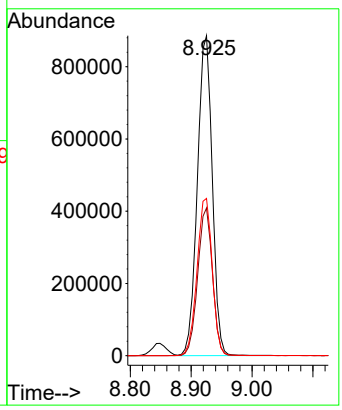


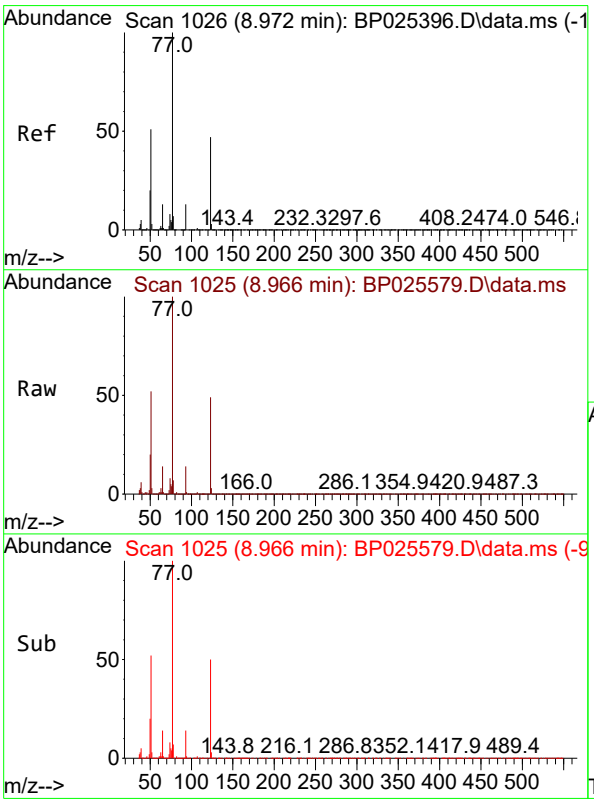
#23
Nitrobenzene-d5
Concen: 81.472 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1502043

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.7	56.5
54	49.2	39.8	59.6

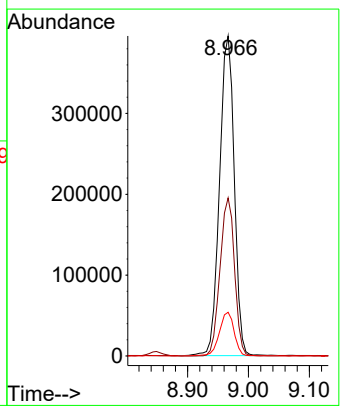


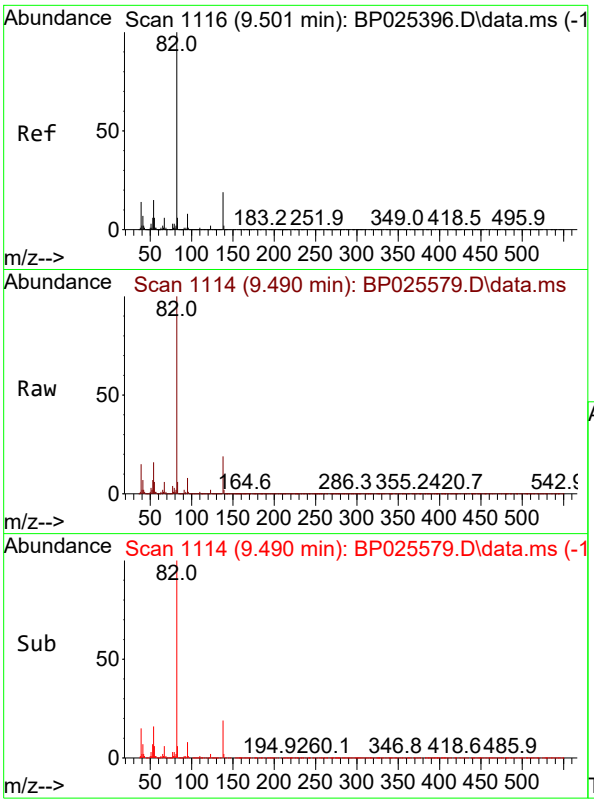


#24
Nitrobenzene
Concen: 40.281 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion: 77 Resp: 663698

Ion	Ratio	Lower	Upper
77	100		
123	49.4	38.6	58.0
65	13.7	10.6	15.8



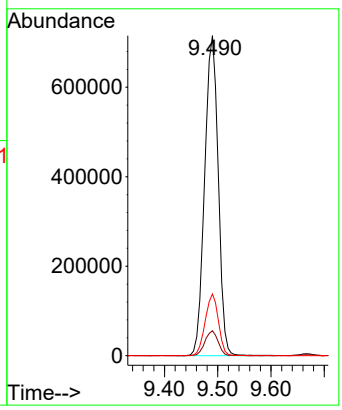


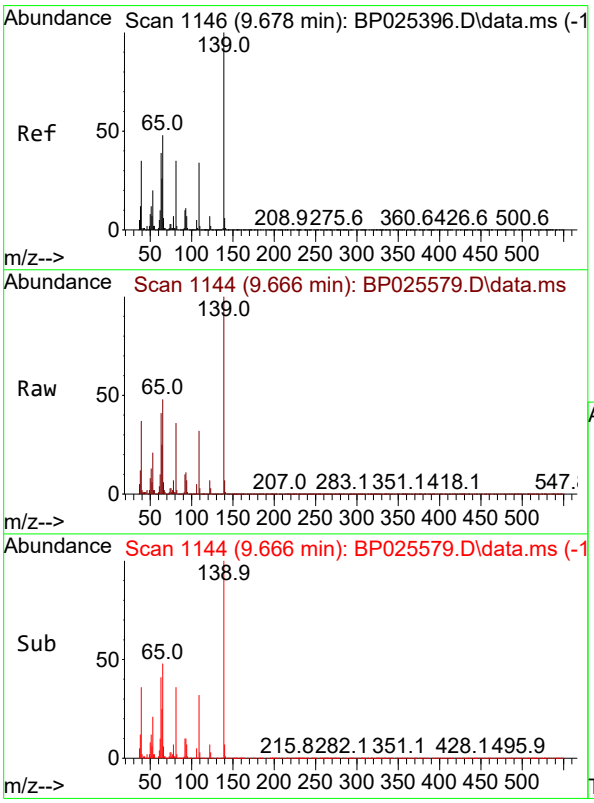
#25
Isophorone
Concen: 38.795 ng
RT: 9.490 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1265792

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	19.3	15.4	23.0

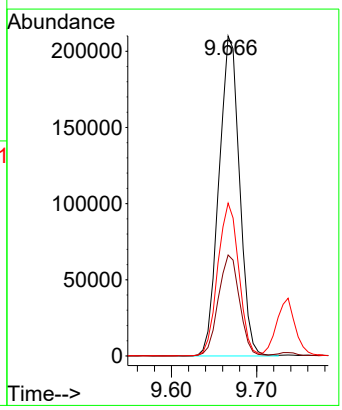


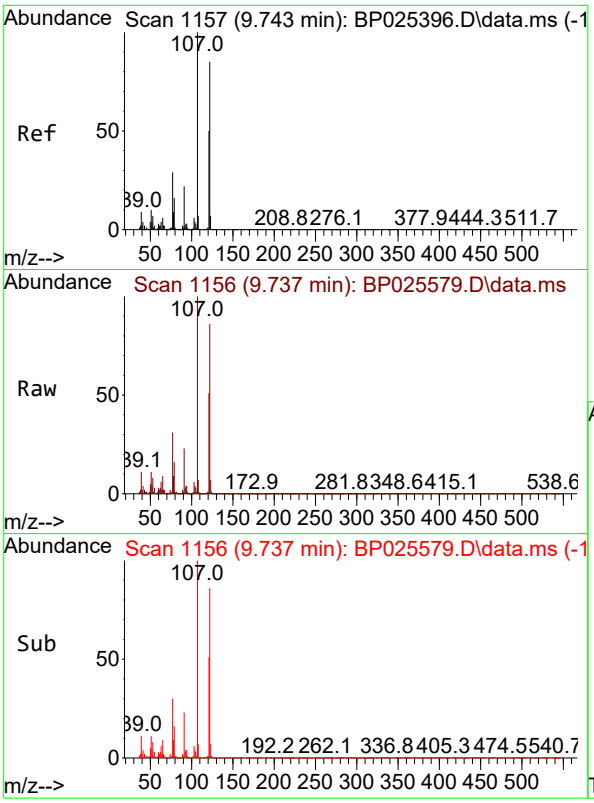


#26
2-Nitrophenol
Concen: 41.691 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:139 Resp: 352539

Ion	Ratio	Lower	Upper
139	100		
109	31.6	26.9	40.3
65	47.7	38.3	57.5



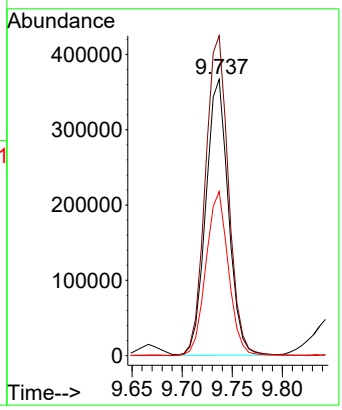


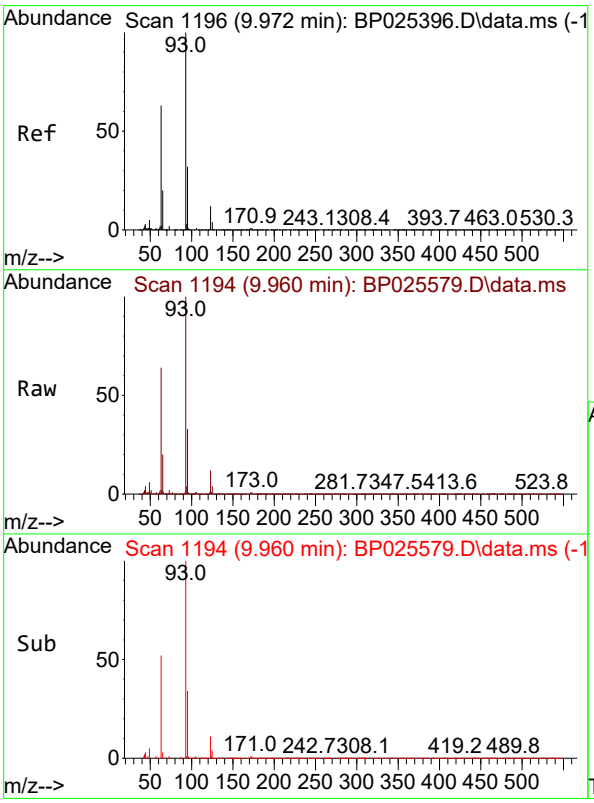
#27
2,4-Dimethylphenol
Concen: 39.443 ng
RT: 9.737 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 573582

Ion	Ratio	Lower	Upper
122	100		
107	115.8	93.7	140.5
121	59.4	46.6	69.8

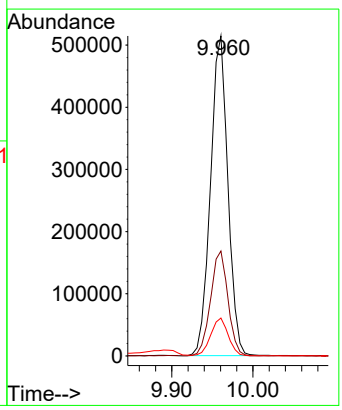


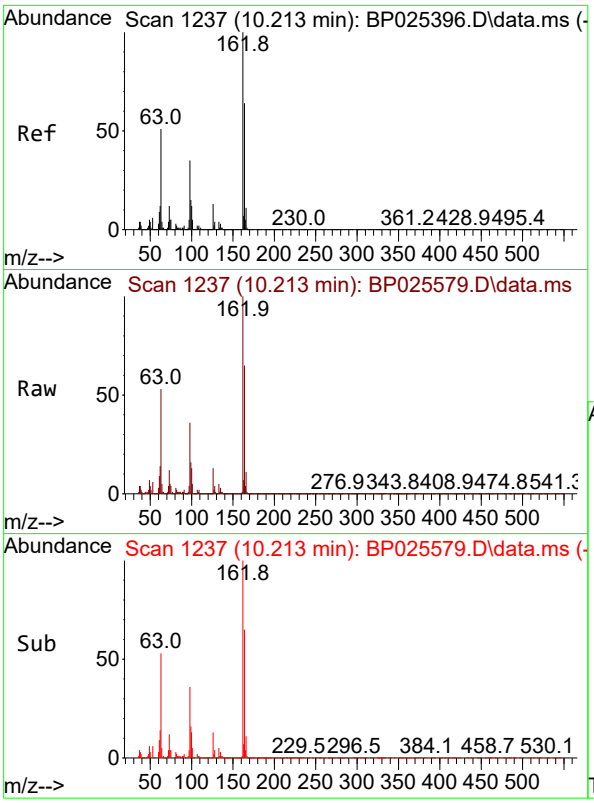


#28
bis(2-Chloroethoxy)methane
Concen: 38.722 ng
RT: 9.960 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion: 93 Resp: 763692

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.4	38.0
123	11.9	9.4	14.0



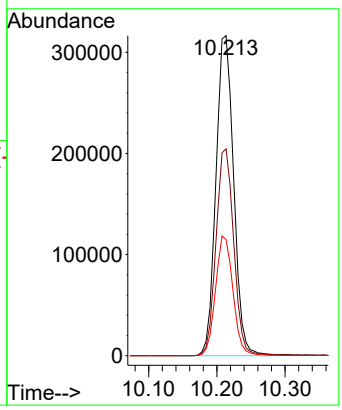


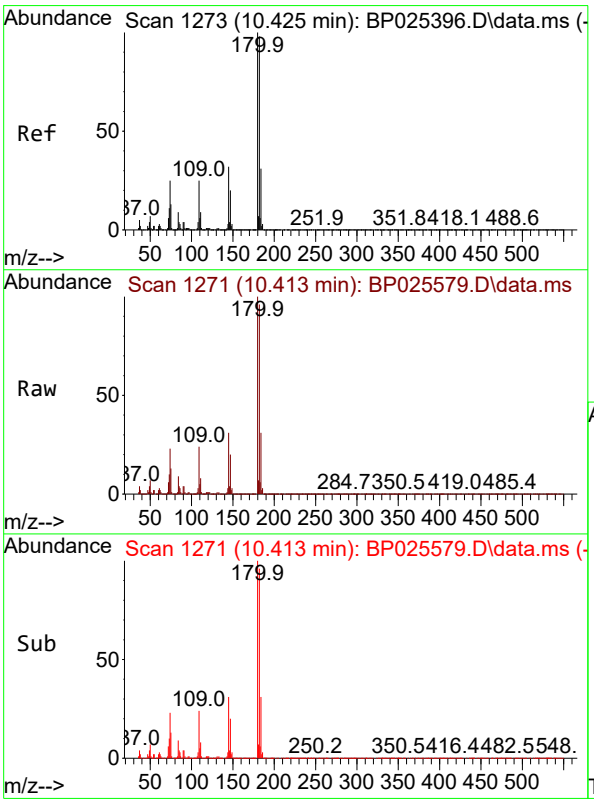
#29
2,4-Dichlorophenol
Concen: 39.723 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 573818

Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.4	84.4
98	36.2	14.9	54.9

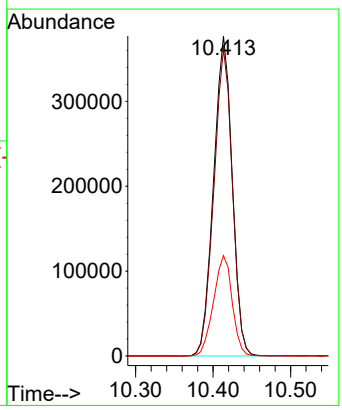


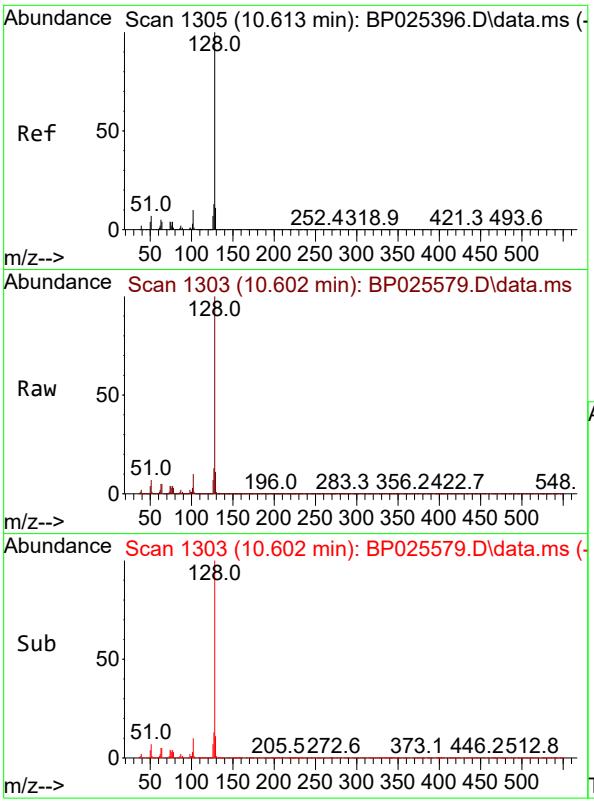


#30
1,2,4-Trichlorobenzene
Concen: 39.714 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:180 Resp: 628899

Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.0	117.0
145	31.4	25.9	38.9



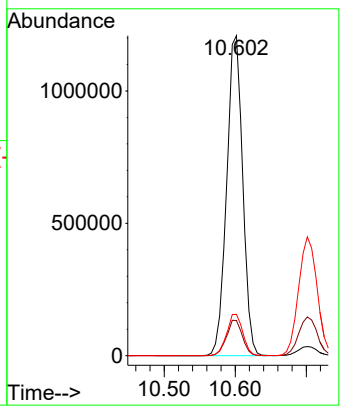


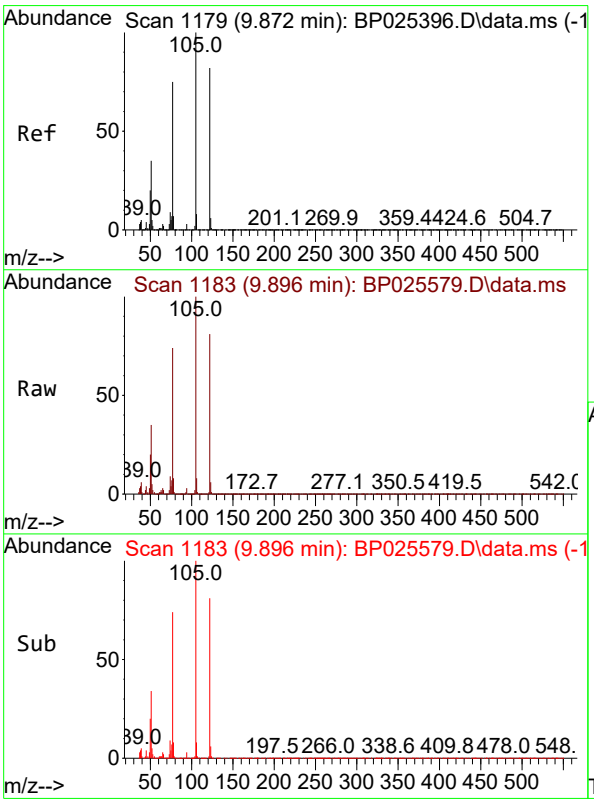
#31
Naphthalene
Concen: 39.081 ng
RT: 10.602 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1894368

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.9	10.7	16.1

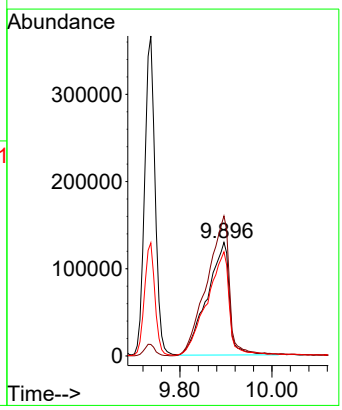


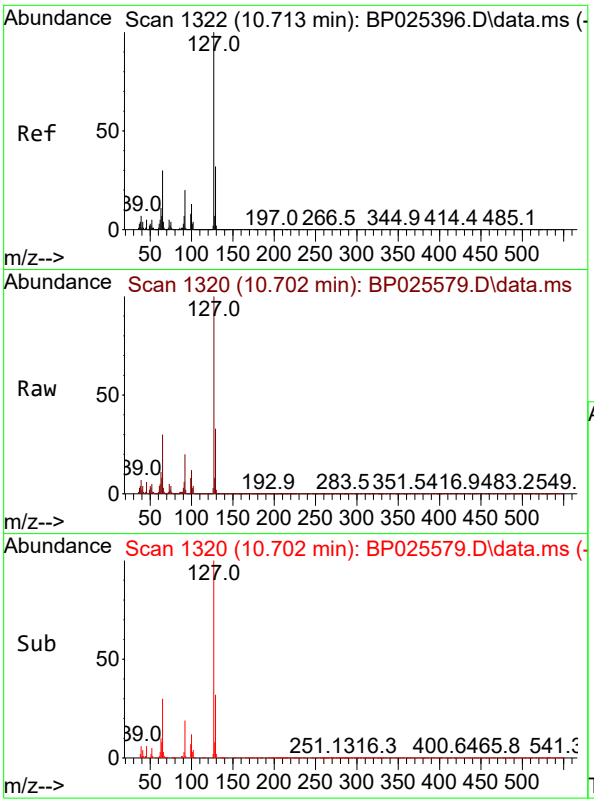


#32
Benzoic acid
Concen: 40.466 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.024 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:122 Resp: 434436

Ion	Ratio	Lower	Upper
122	100		
105	123.2	100.6	140.6
77	91.7	71.5	111.5



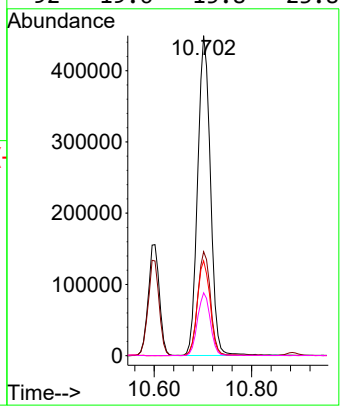


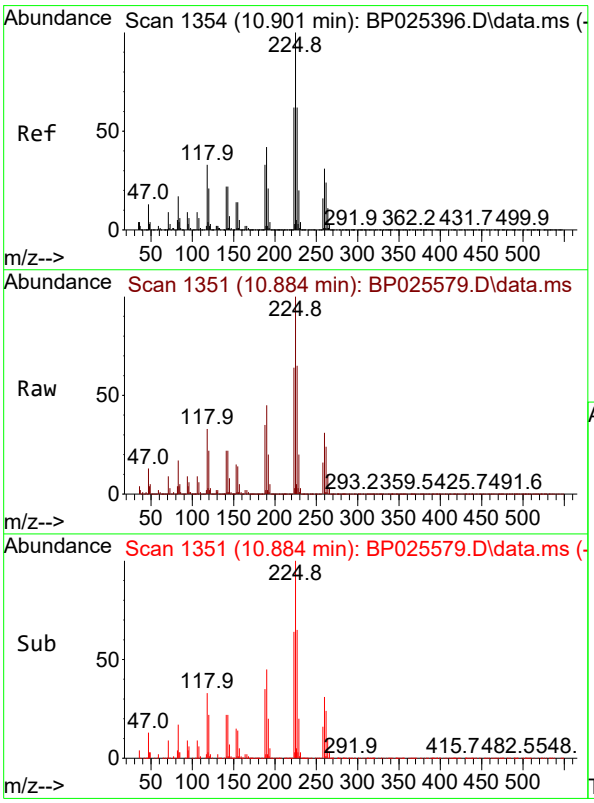
#33
4-Chloroaniline
Concen: 38.334 ng
RT: 10.702 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 820796

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	29.7	23.8	35.6
92	19.6	15.8	23.8

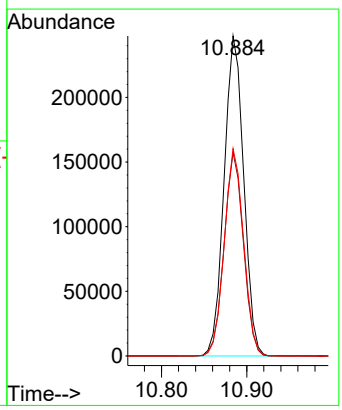


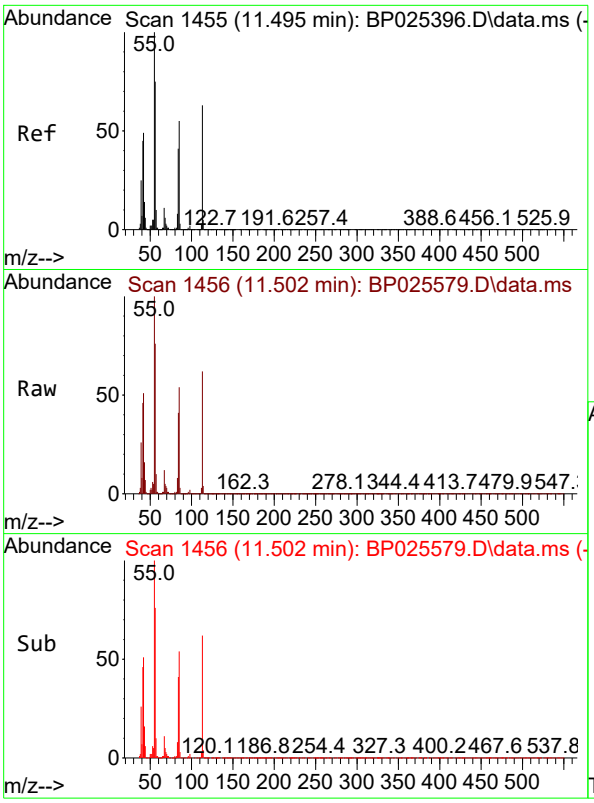


#34
Hexachlorobutadiene
Concen: 40.037 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:225 Resp: 394850

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	64.8	49.7	74.5



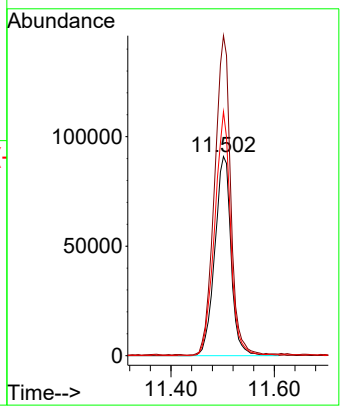


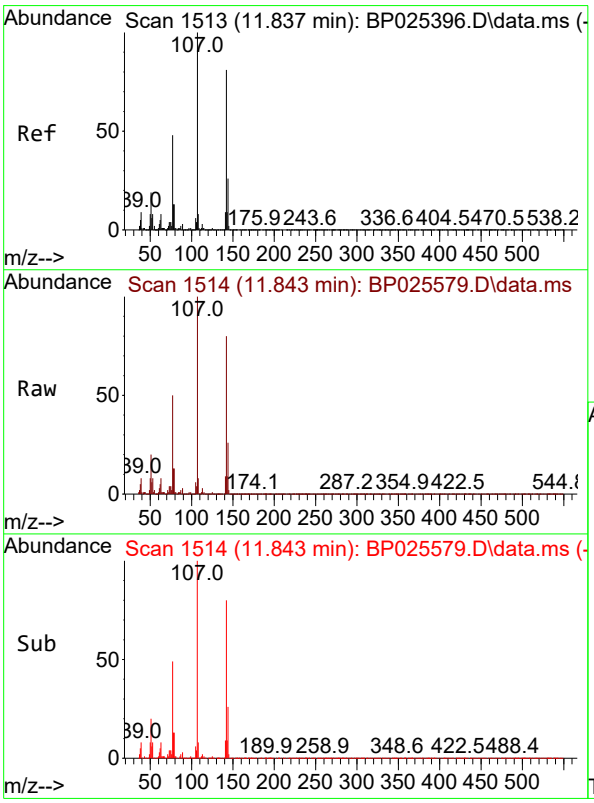
#35
Caprolactam
Concen: 37.371 ng
RT: 11.502 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 197954

Ion	Ratio	Lower	Upper
113	100		
55	160.6	140.0	180.0
56	122.4	100.0	140.0

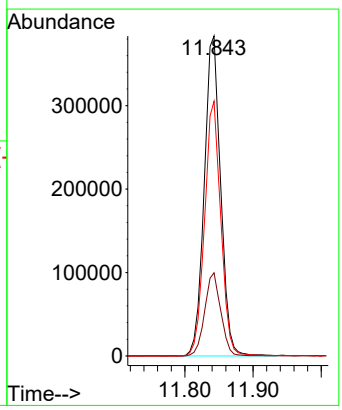


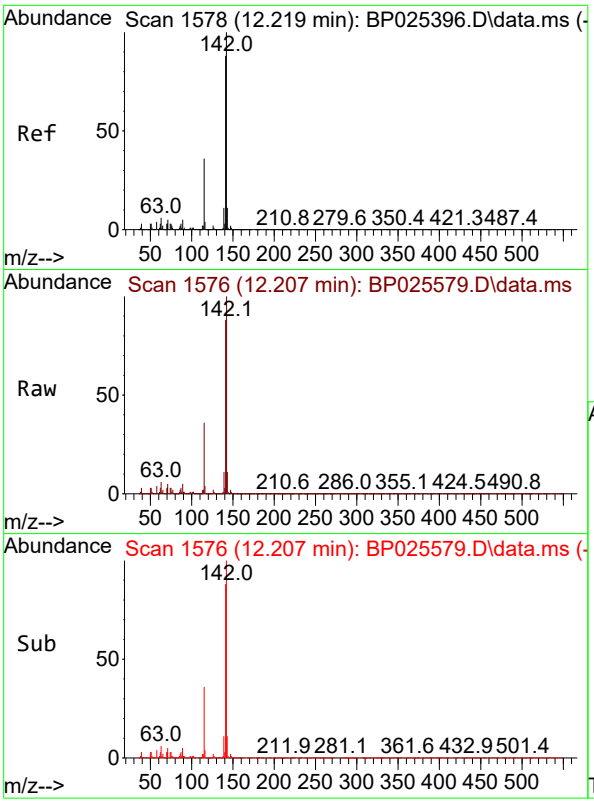


#36
4-Chloro-3-methylphenol
Concen: 38.708 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:107 Resp: 641625

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.4
142	79.6	64.6	97.0



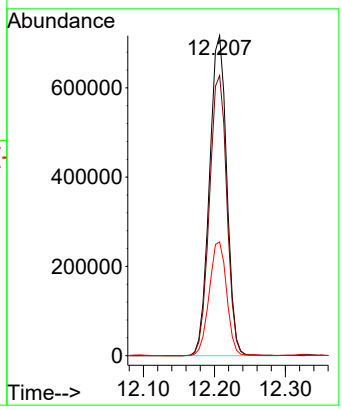


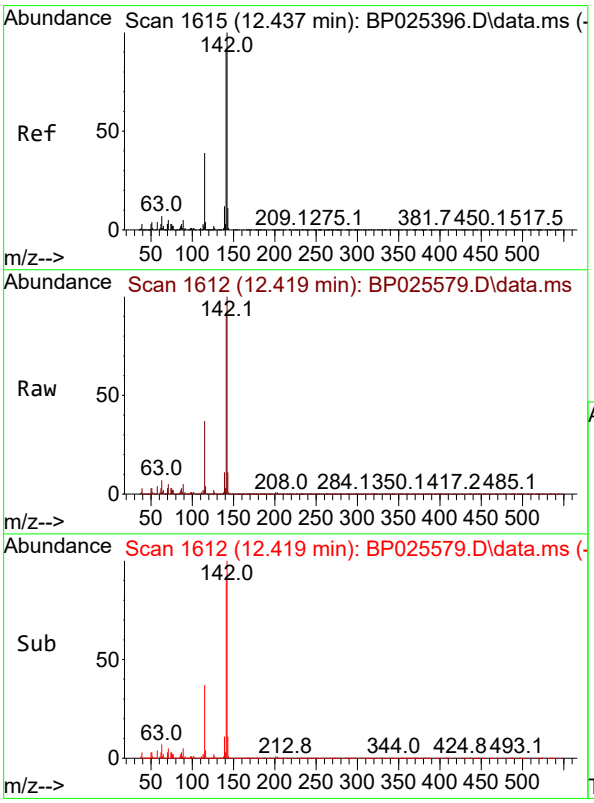
#37
2-Methylnaphthalene
Concen: 38.444 ng
RT: 12.207 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1212709

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.3	105.5
115	35.5	28.9	43.3

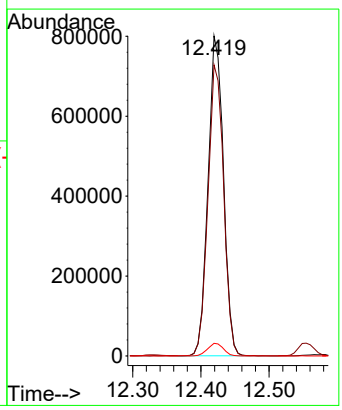


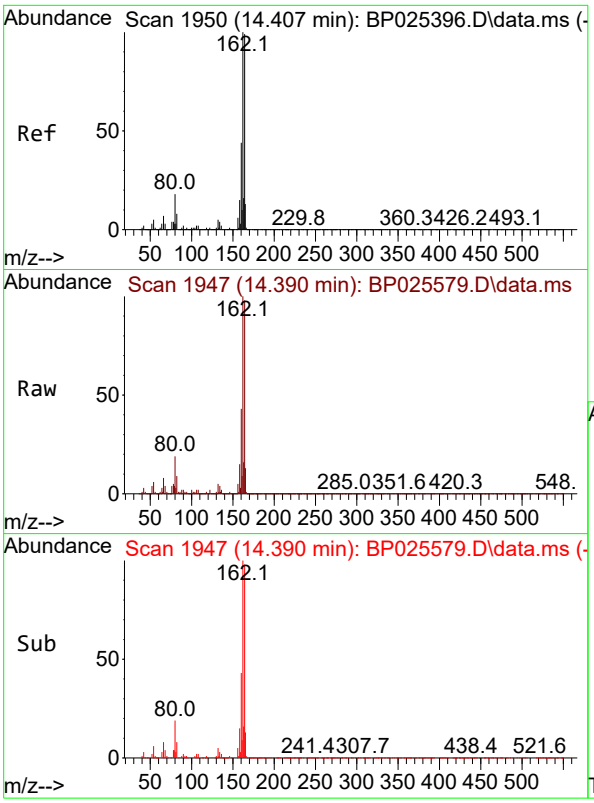


#38
1-Methylnaphthalene
Concen: 37.588 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:142 Resp: 1260933

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.1	109.7
116	4.0	3.2	4.8



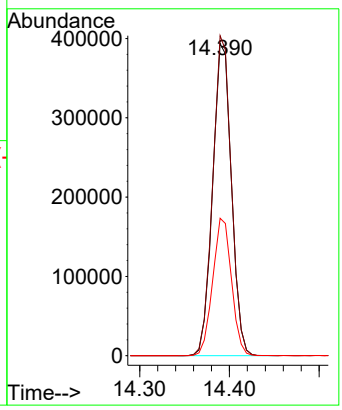


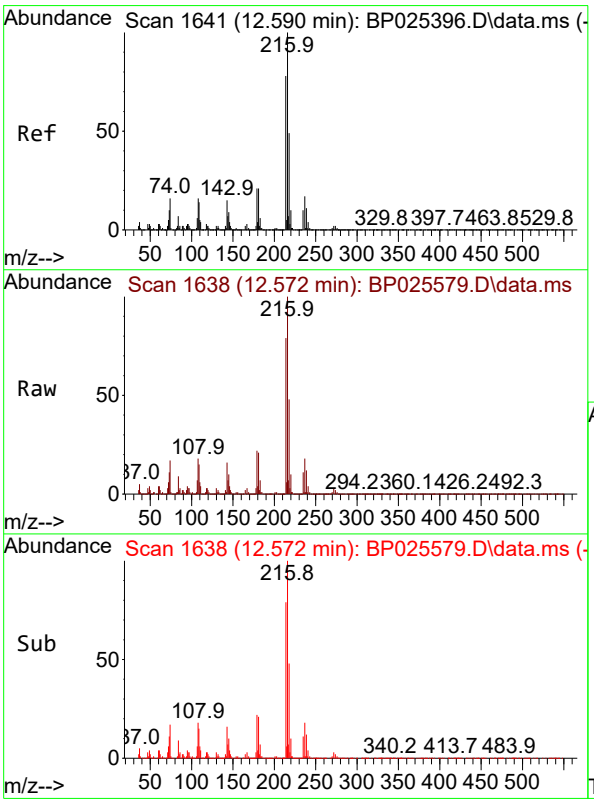
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 572065

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.0	121.6
160	44.0	35.4	53.2

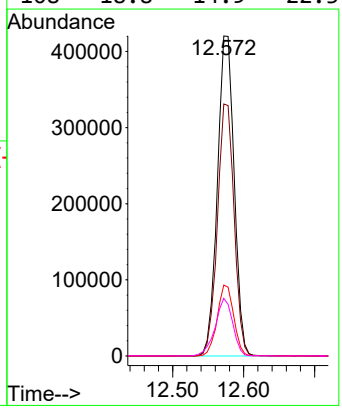


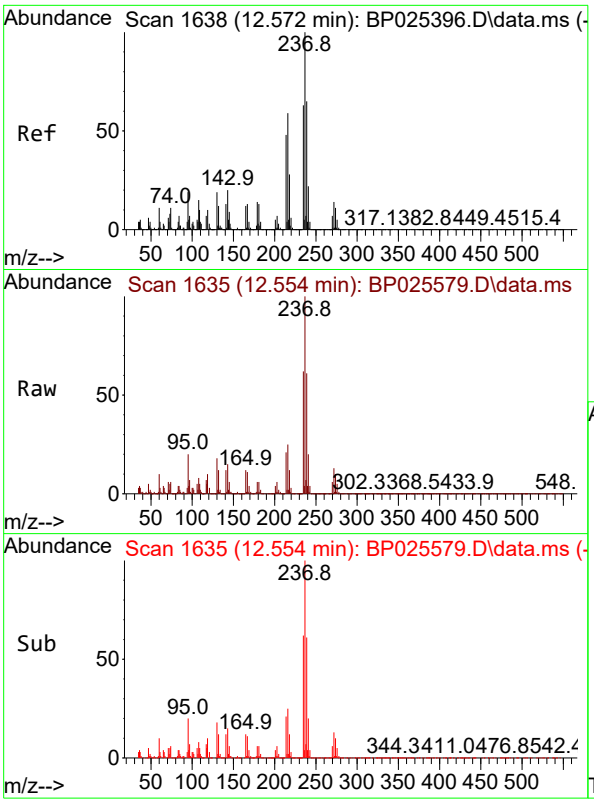


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.548 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:216 Resp: 686446

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	21.8	17.1	25.7
108	18.8	14.9	22.3



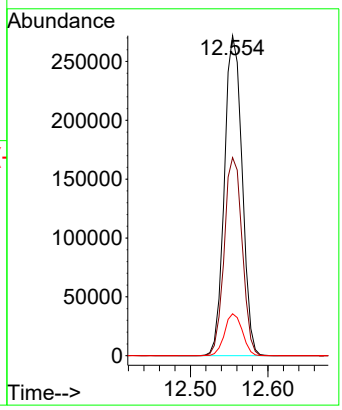


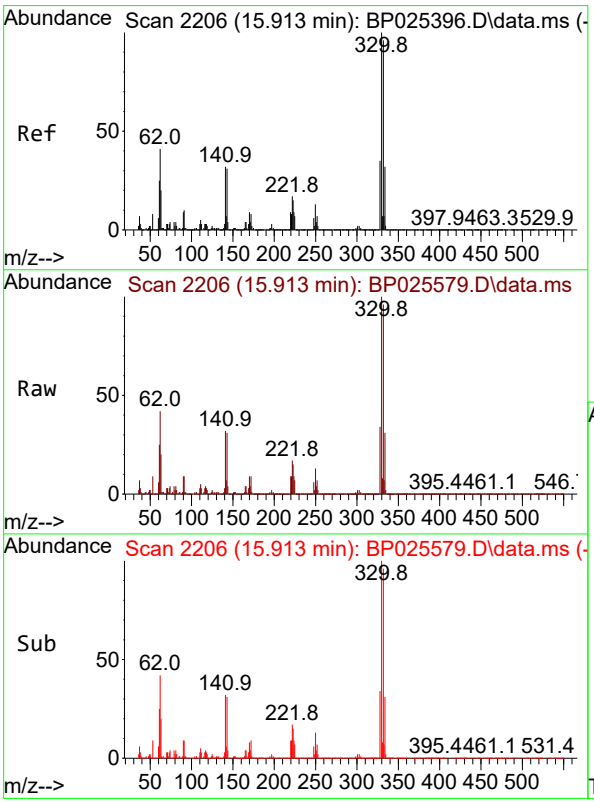
#41
Hexachlorocyclopentadiene
Concen: 43.311 ng
RT: 12.554 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 432234

Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.7	82.7
272	13.1	0.0	34.0

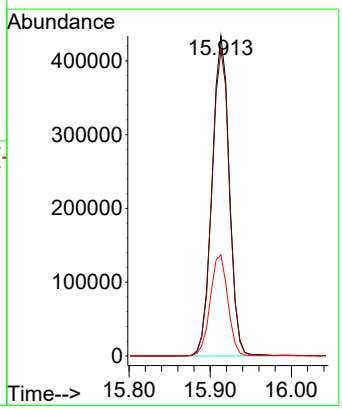


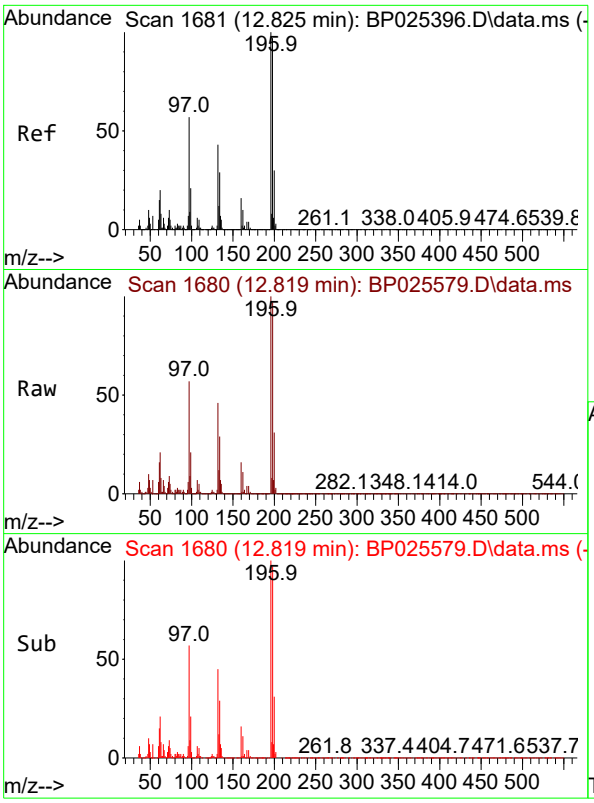


#42
2,4,6-Tribromophenol
Concen: 83.055 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:330 Resp: 639528

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	32.2	26.6	39.8



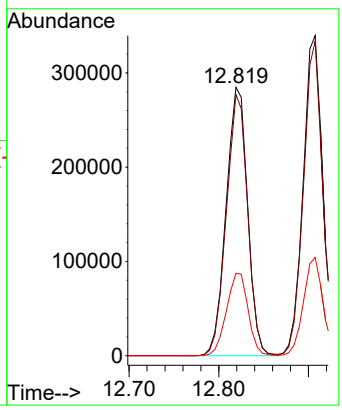


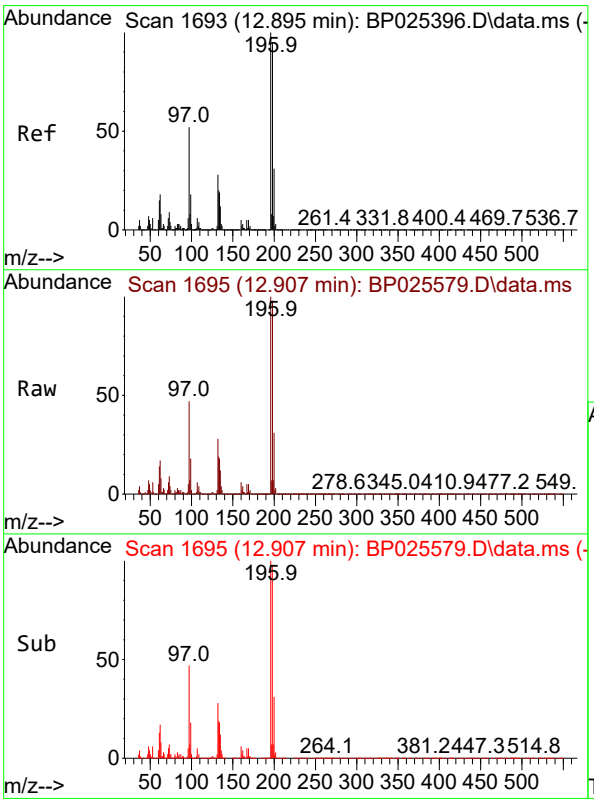
#43
2,4,6-Trichlorophenol
Concen: 42.513 ng
RT: 12.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 474193

Ion	Ratio	Lower	Upper
196	100		
198	97.3	77.2	115.8
200	30.7	23.9	35.9

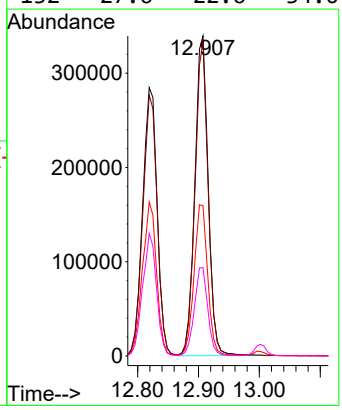


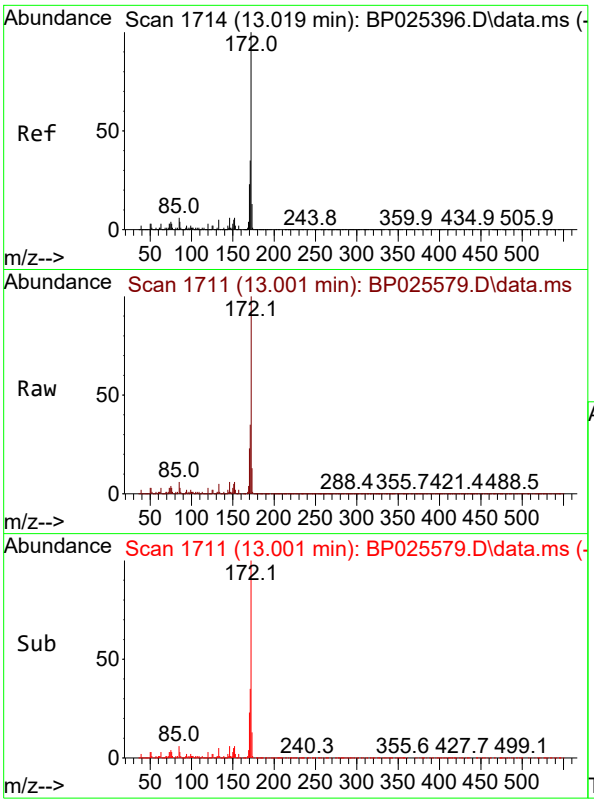


#44
2,4,5-Trichlorophenol
Concen: 42.543 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:196 Resp: 520069

Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.2	114.2
97	46.9	41.2	61.8
132	27.6	22.6	34.0



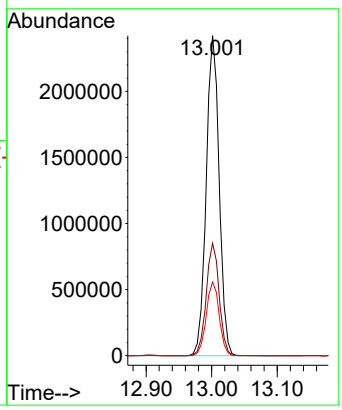


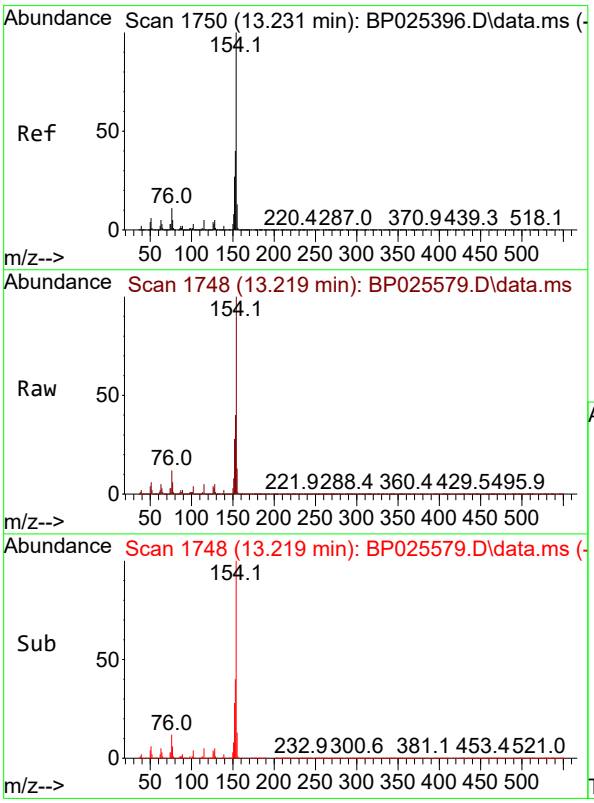
#45
2-Fluorobiphenyl
Concen: 79.459 ng
RT: 13.001 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 3325998

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.0	18.6	28.0

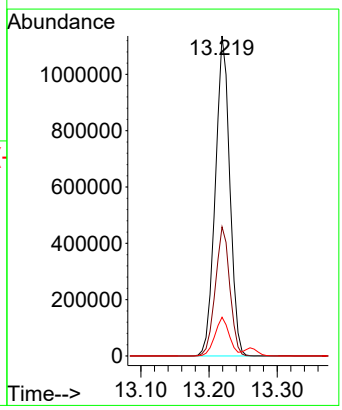


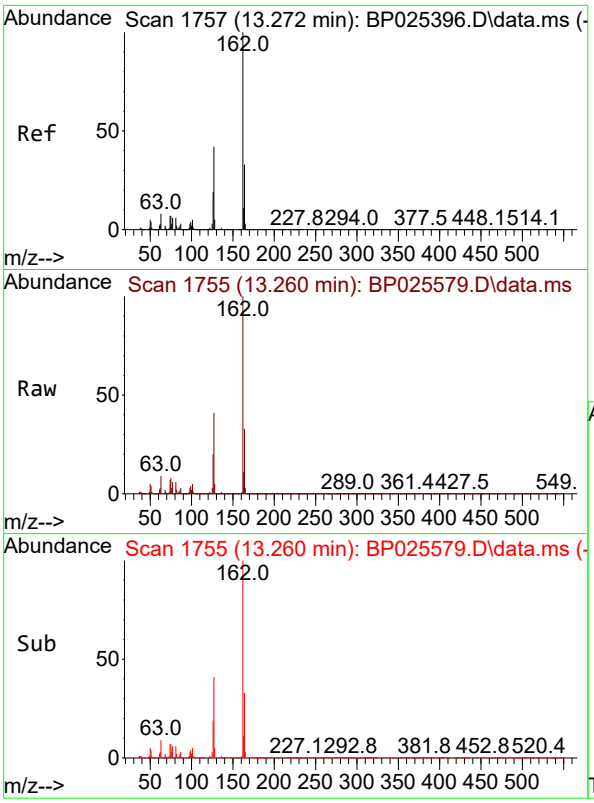


#46
1,1'-Biphenyl
Concen: 40.352 ng
RT: 13.219 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:154 Resp: 1676486

Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.5	59.5
76	12.1	0.0	31.1



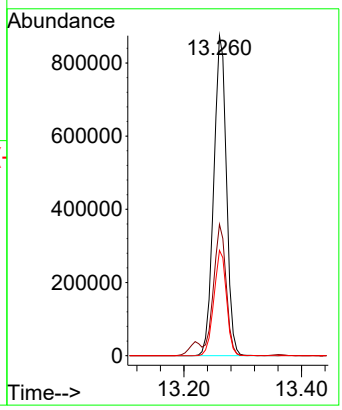


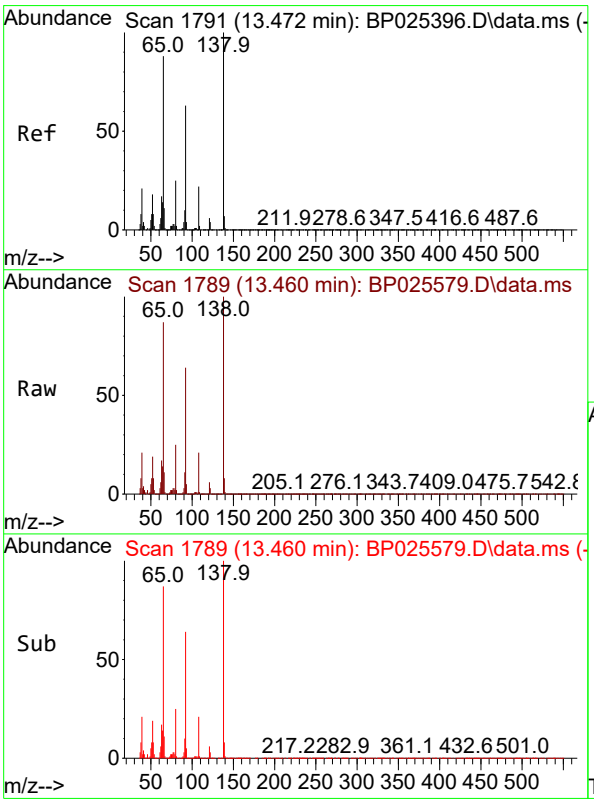
#47
2-Chloronaphthalene
Concen: 40.519 ng
RT: 13.260 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1310530

Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.4	50.2
164	32.9	26.2	39.2

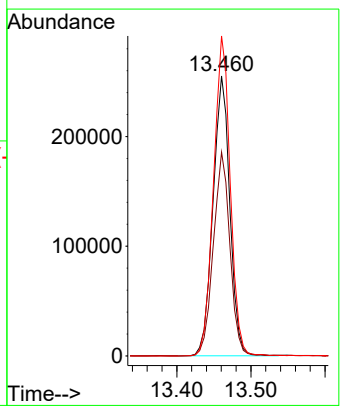


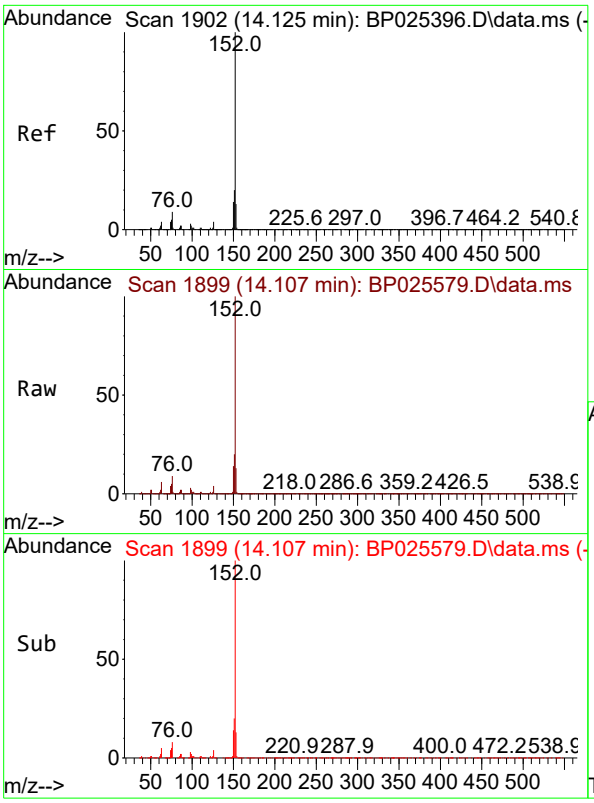


#48
2-Nitroaniline
Concen: 42.723 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion: 65 Resp: 402633

Ion	Ratio	Lower	Upper
65	100		
92	72.8	57.6	86.4
138	114.3	91.0	136.6



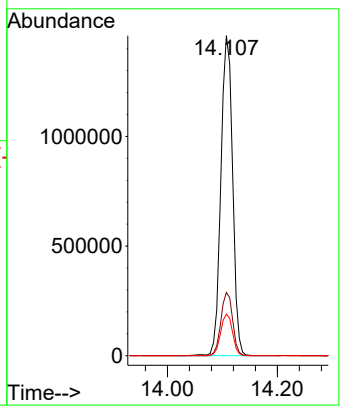


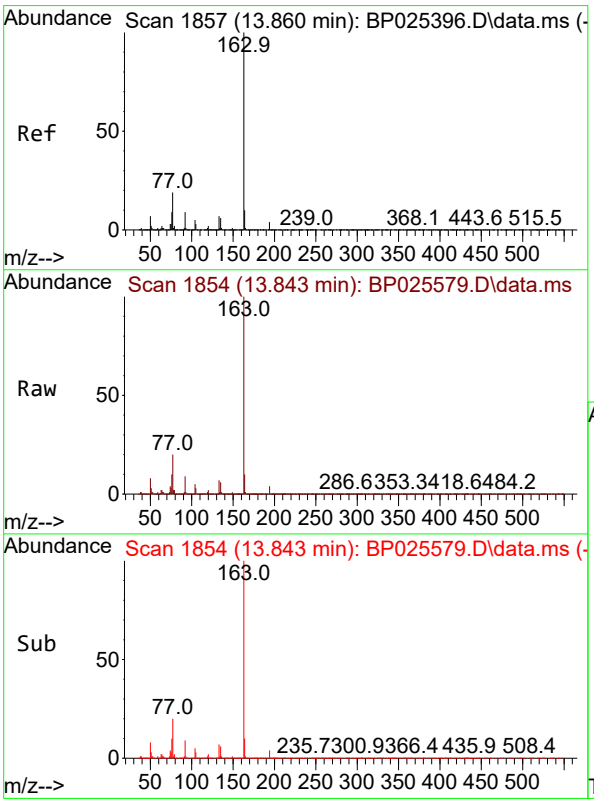
#49
Acenaphthylene
Concen: 40.292 ng
RT: 14.107 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2156400

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.0	10.6	15.8

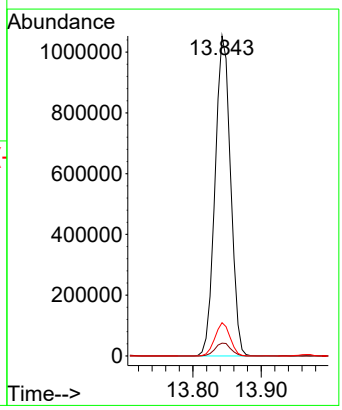


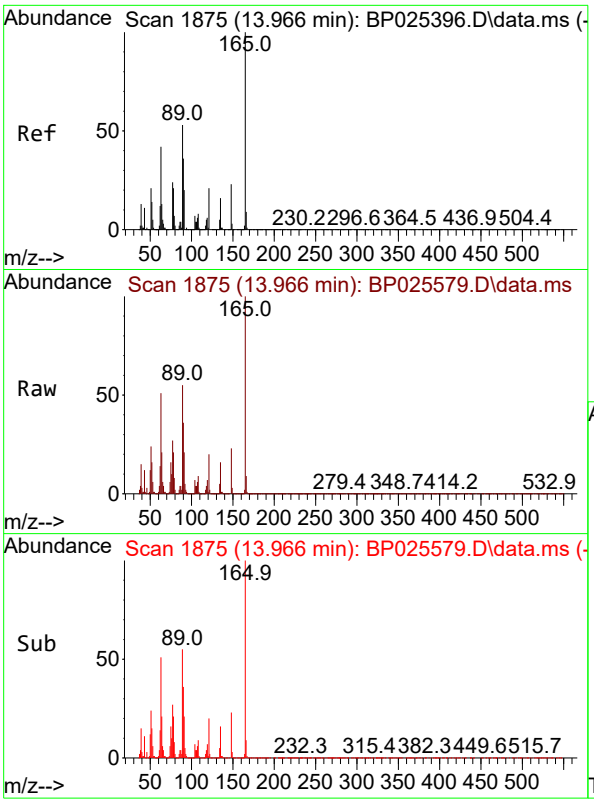


#50
Dimethylphthalate
Concen: 39.793 ng
RT: 13.843 min Scan# 1854
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:163 Resp: 1666999

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.4	7.9	11.9



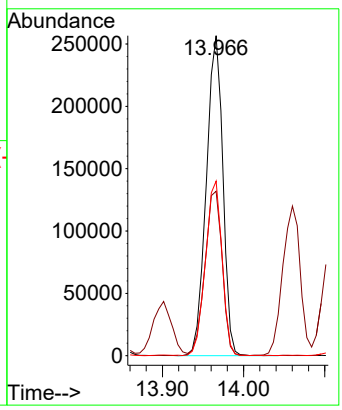


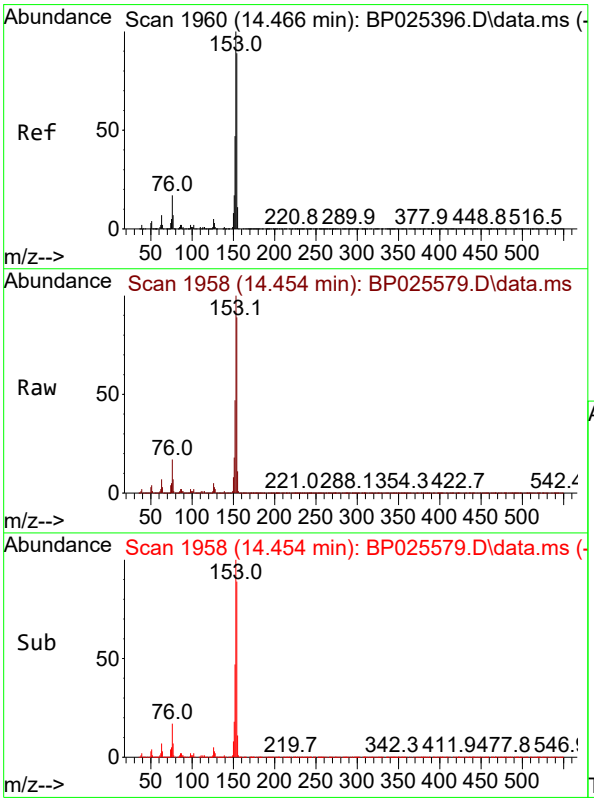
#51
2,6-Dinitrotoluene
Concen: 41.079 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 362713

Ion	Ratio	Lower	Upper
165	100		
63	51.4	40.9	61.3
89	54.5	42.1	63.1

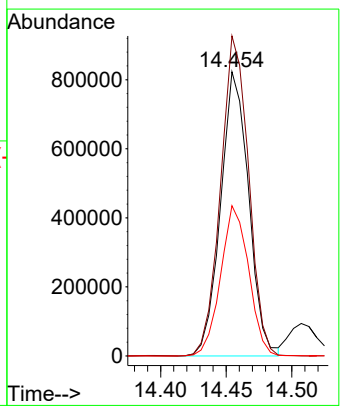


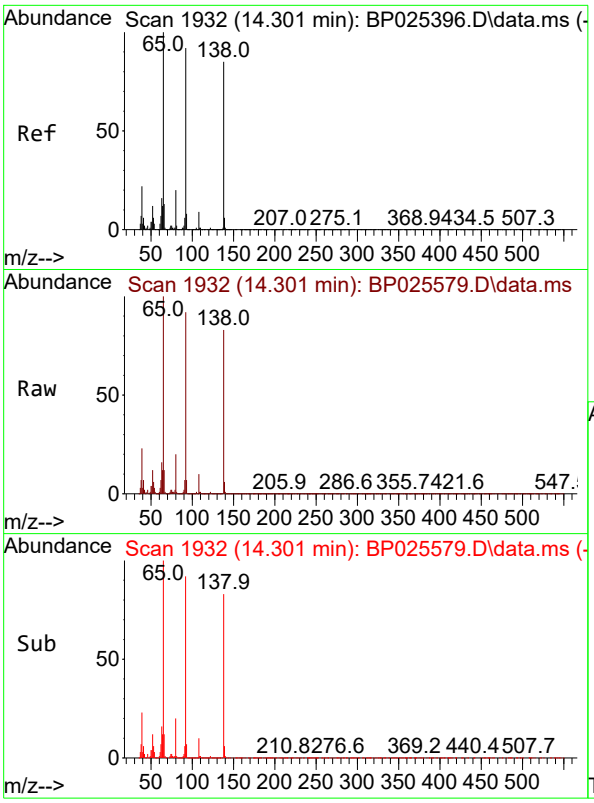


#52
Acenaphthene
Concen: 39.001 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:154 Resp: 1225216

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.2	135.2
152	52.9	42.1	63.1



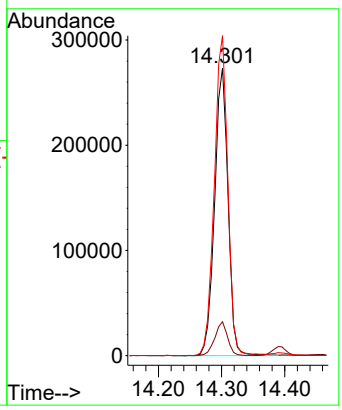


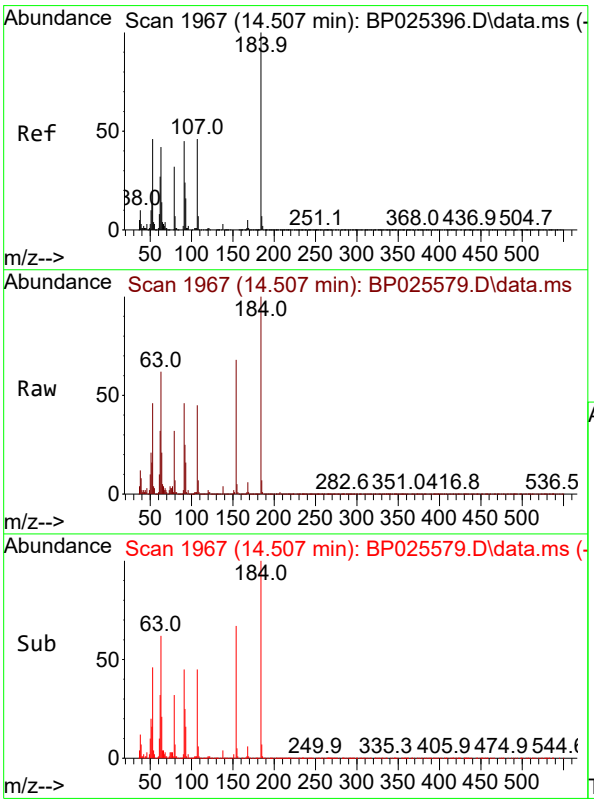
#53
3-Nitroaniline
Concen: 40.597 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 403295

Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.3	12.5
92	111.3	86.2	129.2

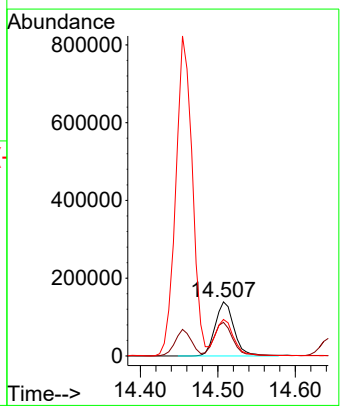


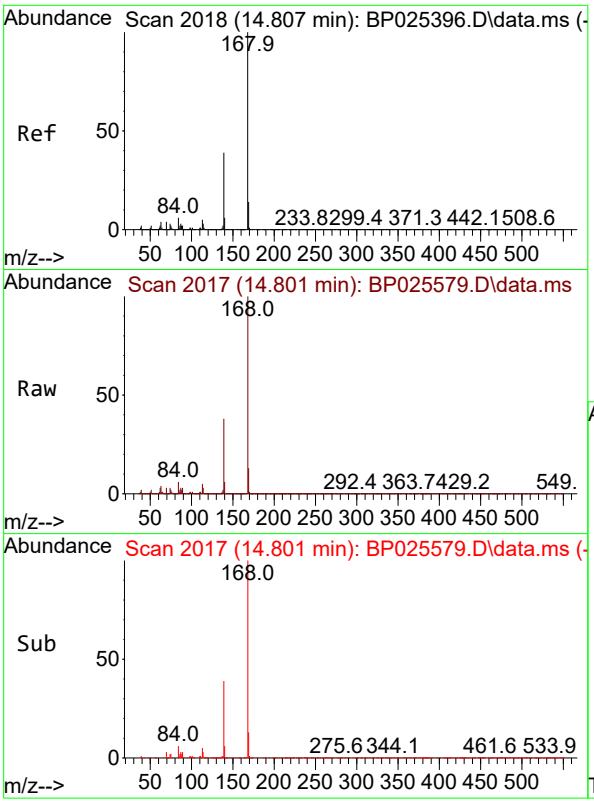


#54
2,4-Dinitrophenol
Concen: 49.987 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:184 Resp: 235700

Ion	Ratio	Lower	Upper
184	100		
63	62.2	49.4	74.2
154	67.5	54.6	82.0



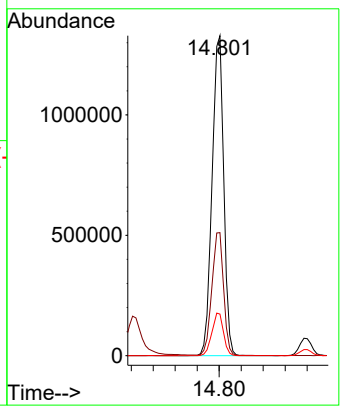


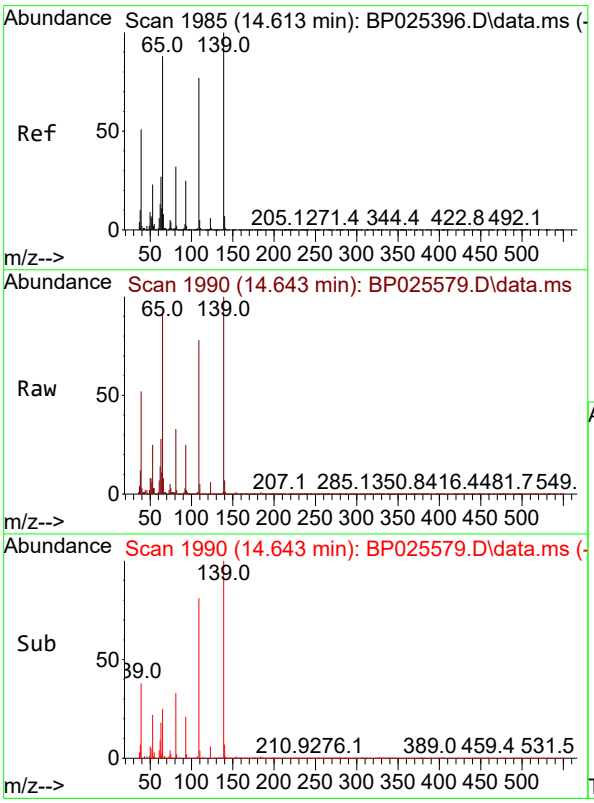
#55
Dibenzofuran
Concen: 39.350 ng
RT: 14.801 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1954402

Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.5	47.3
169	13.0	10.9	16.3

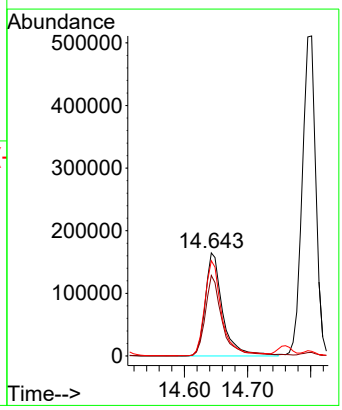


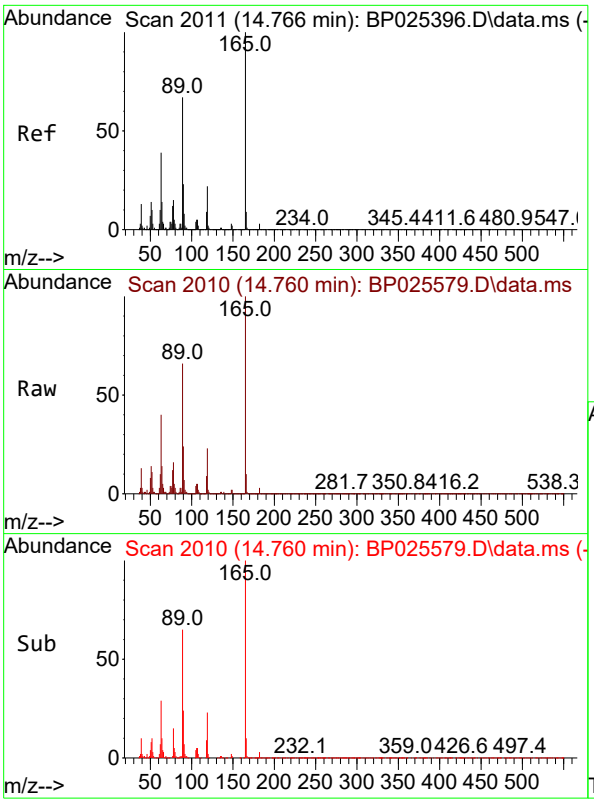


#56
4-Nitrophenol
Concen: 38.533 ng
RT: 14.643 min Scan# 1990
Delta R.T. 0.030 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:139 Resp: 314549

Ion	Ratio	Lower	Upper
139	100		
109	78.2	56.6	96.6
65	92.5	68.2	108.2



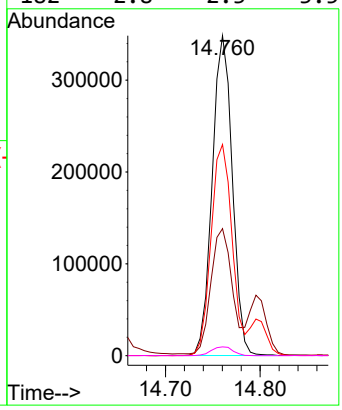


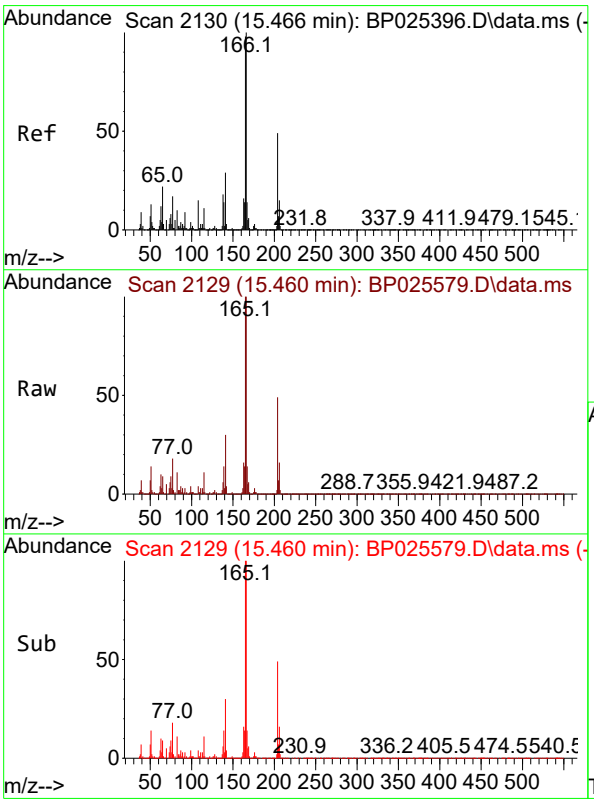
#57
2,4-Dinitrotoluene
Concen: 40.818 ng
RT: 14.760 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 514206

Ion	Ratio	Lower	Upper
165	100		
63	39.7	31.4	47.2
89	66.0	53.3	79.9
182	2.8	2.3	3.5

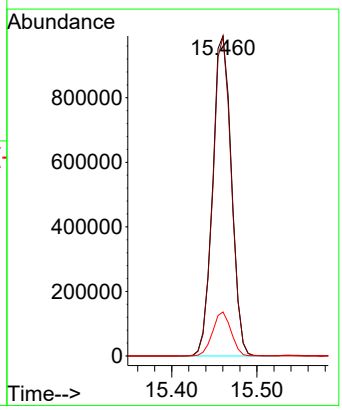


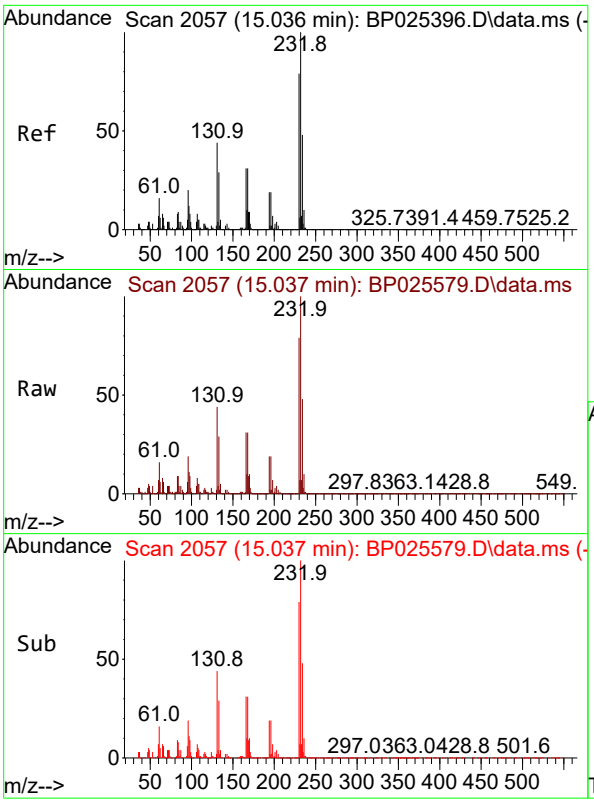


#58
Fluorene
Concen: 38.819 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:166 Resp: 1521365

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.8	118.2
167	13.7	11.0	16.4



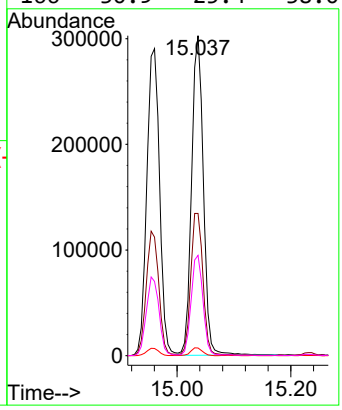


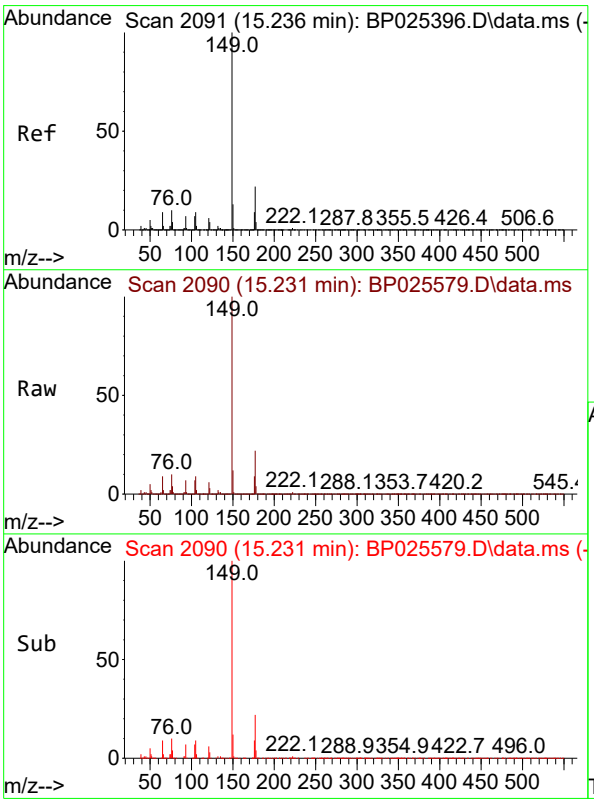
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.510 ng
RT: 15.037 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 437267

Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.0	55.6
130	2.5	1.9	2.9
166	30.9	25.4	38.0

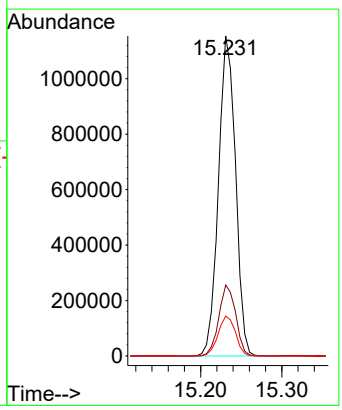


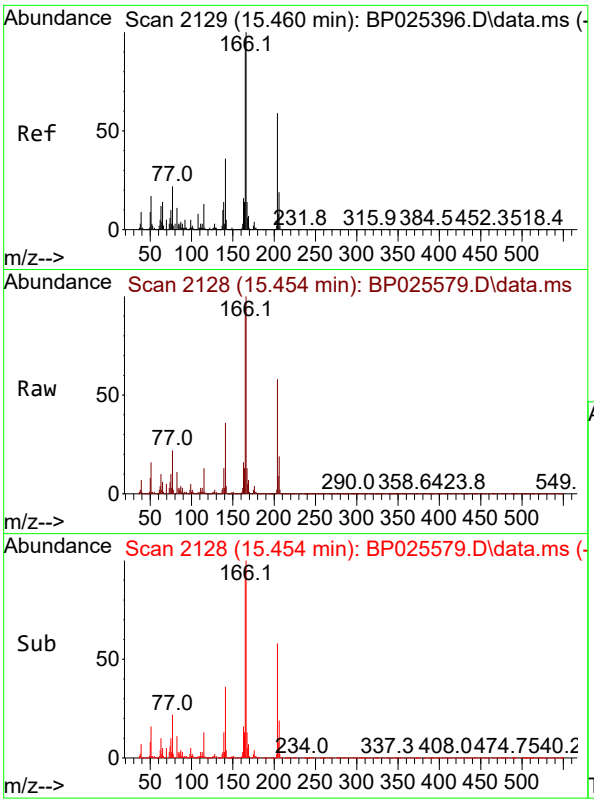


#60
Diethylphthalate
Concen: 39.661 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:149 Resp: 1688239

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.5	10.3	15.5



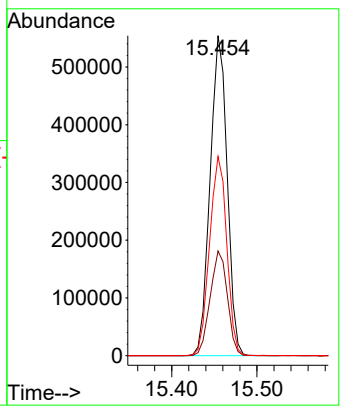


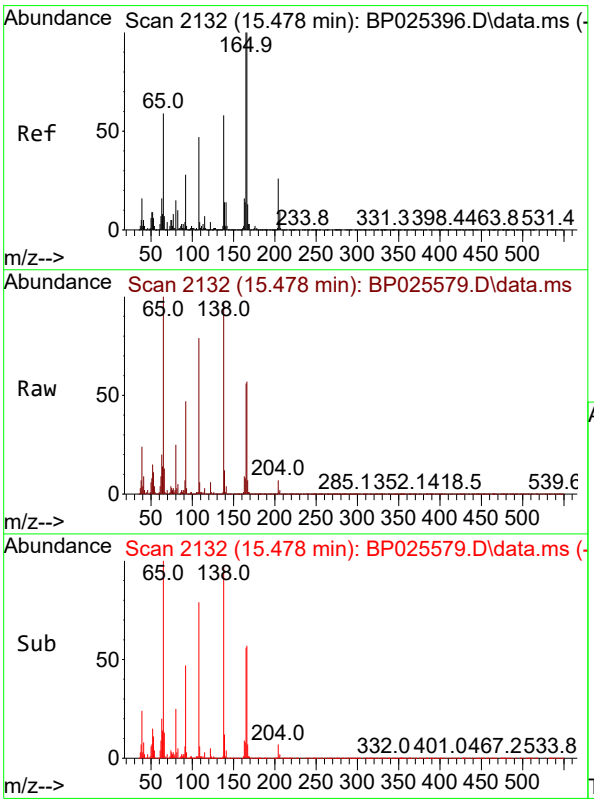
#61
4-Chlorophenyl-phenylether
Concen: 39.502 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 769934

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	62.3	49.4	74.2

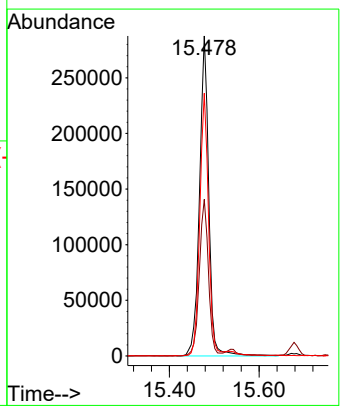


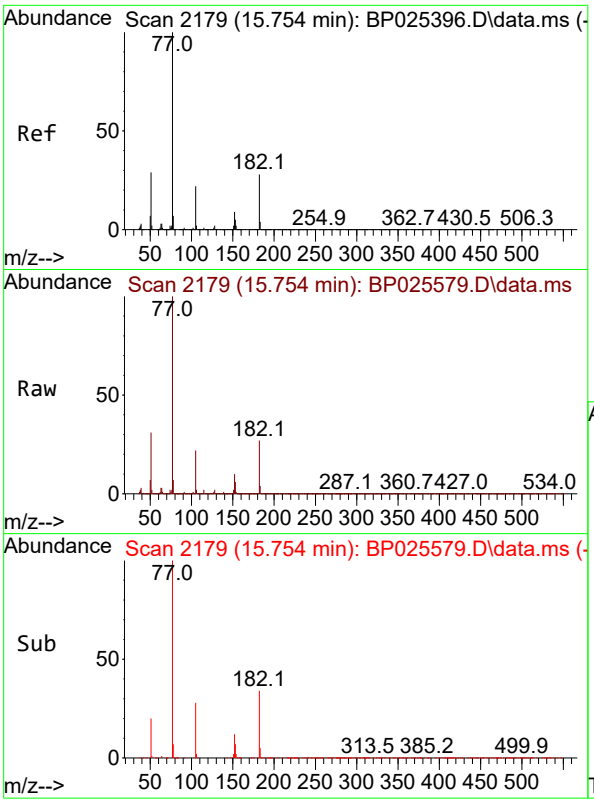


#62
4-Nitroaniline
Concen: 40.483 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:138 Resp: 412280

Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.1	69.1
108	82.1	61.5	101.5



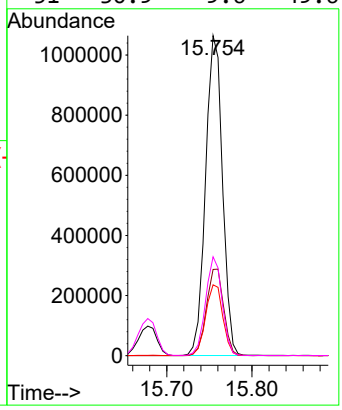


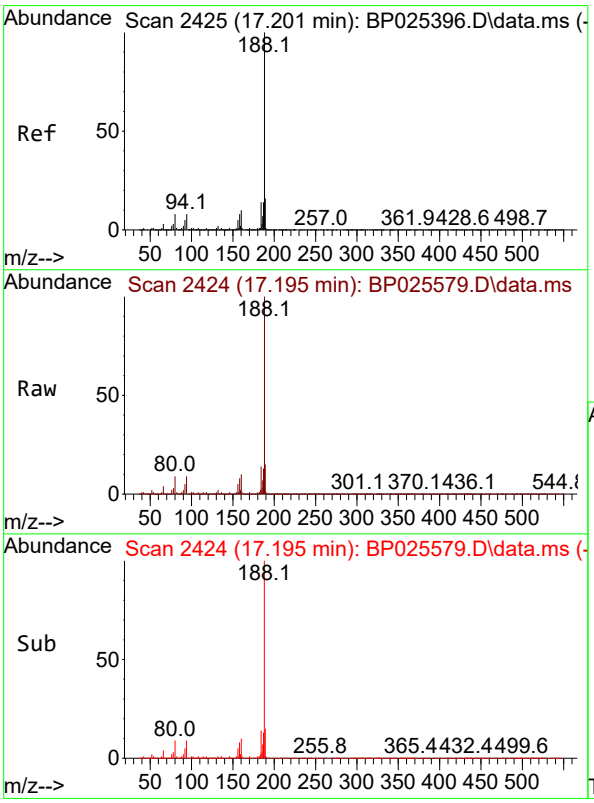
#63
Azobenzene
Concen: 40.216 ng
RT: 15.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1465800

Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.5	47.5
105	22.2	2.1	42.1
51	30.9	9.6	49.6

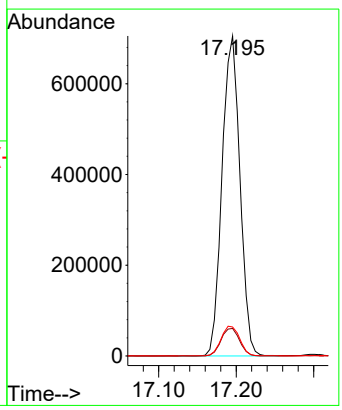


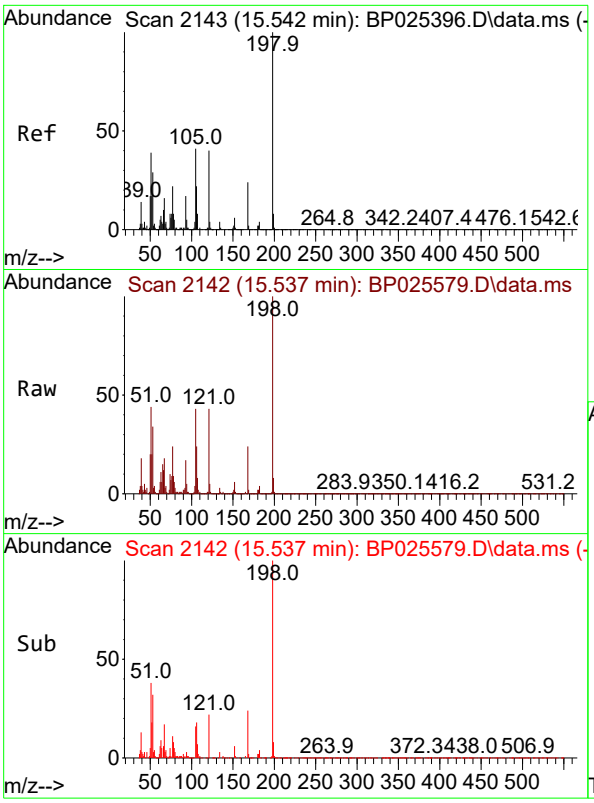


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:188 Resp: 1130975

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.0	6.7	10.1



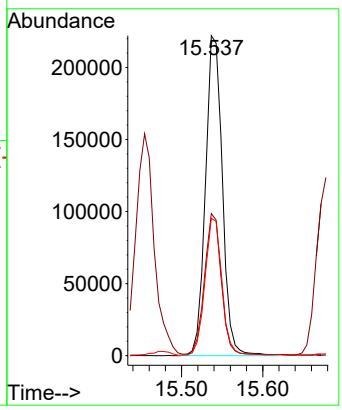


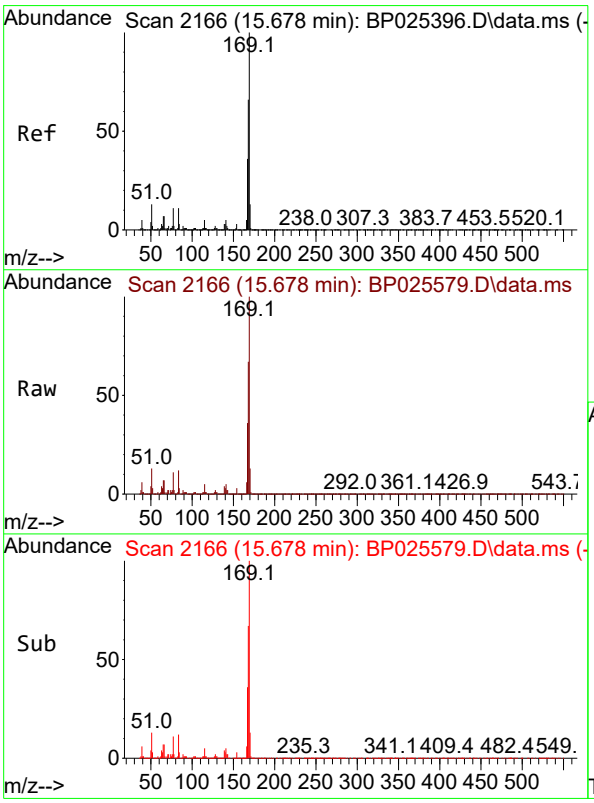
#65
4,6-Dinitro-2-methylphenol
Concen: 45.412 ng
RT: 15.537 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 320151

Ion	Ratio	Lower	Upper
198	100		
51	44.4	19.6	59.6
105	42.9	20.9	60.9

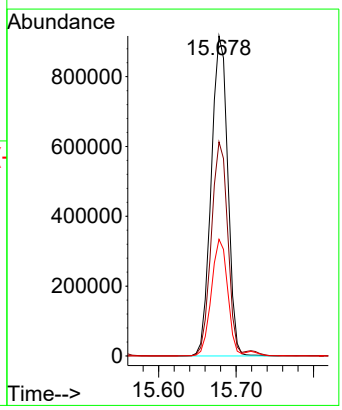


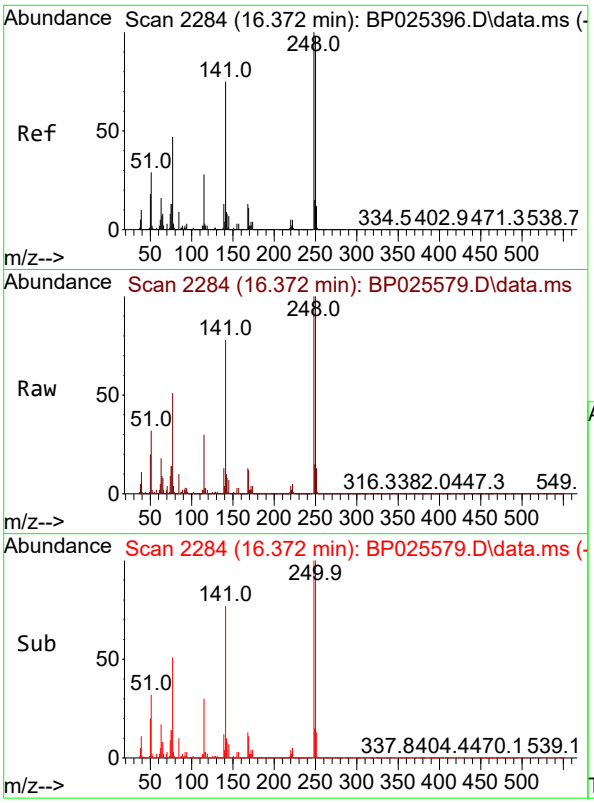


#66
n-Nitrosodiphenylamine
Concen: 39.379 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:169 Resp: 1358091

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	36.4	28.7	43.1



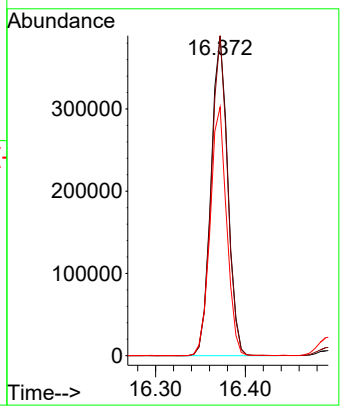


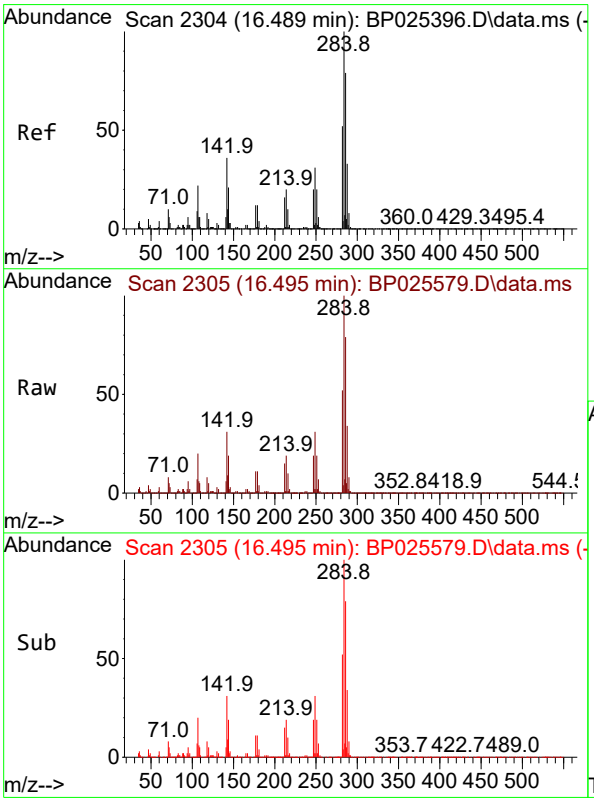
#67
4-Bromophenyl-phenylether
Concen: 40.536 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 504211

Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.2	117.2
141	77.7	59.6	89.4

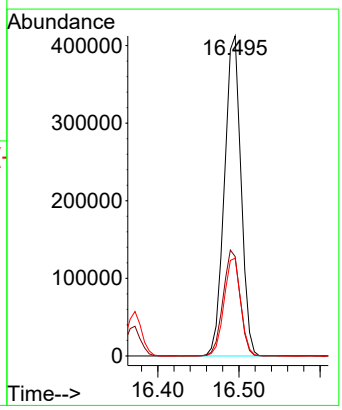


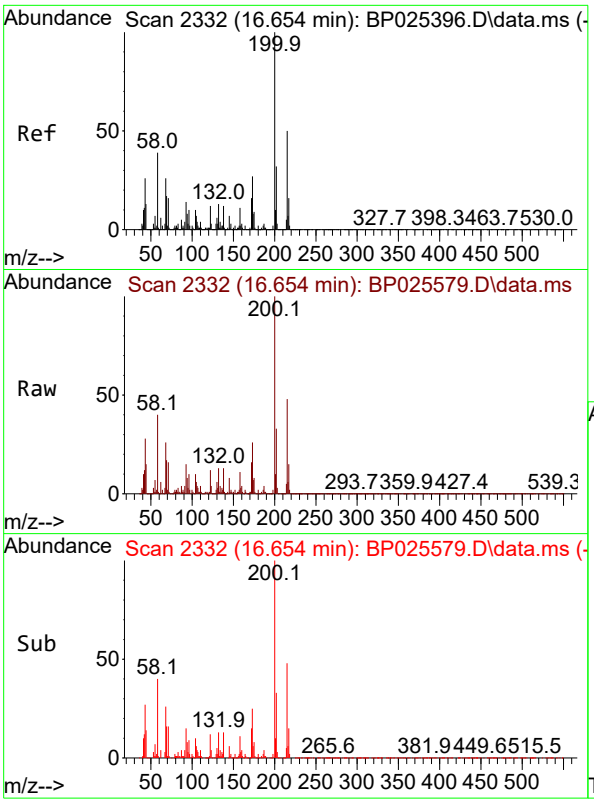


#68
Hexachlorobenzene
Concen: 40.563 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:284 Resp: 584868

Ion	Ratio	Lower	Upper
284	100		
142	31.1	29.1	43.7
249	30.5	25.0	37.4



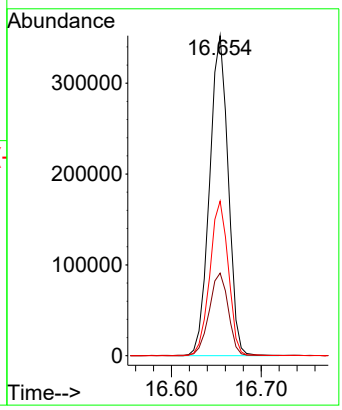


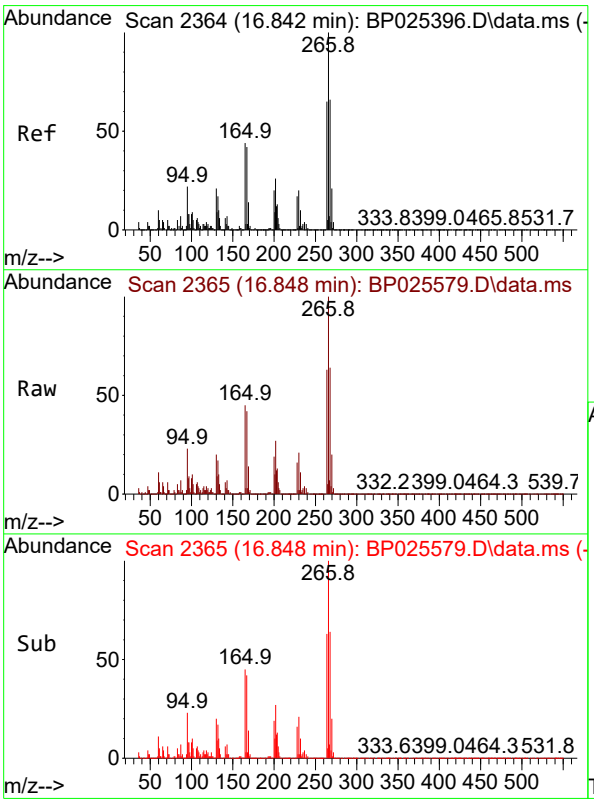
#69
Atrazine
Concen: 39.294 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 507511

Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.7	46.7
215	48.3	29.7	69.7

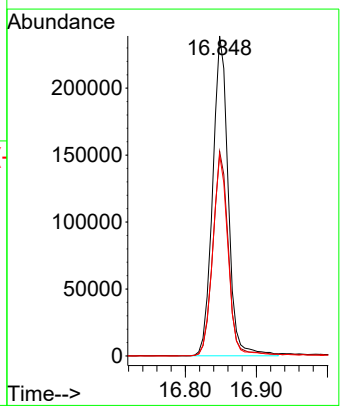


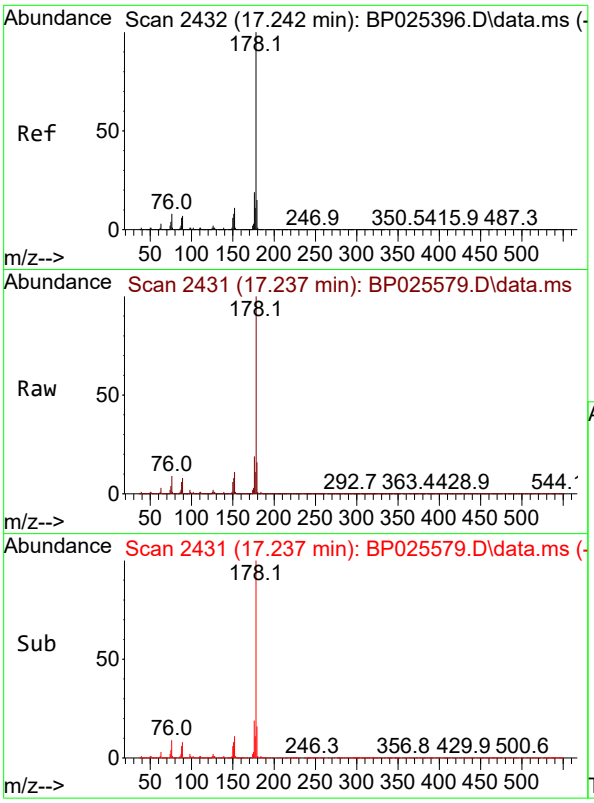


#70
Pentachlorophenol
Concen: 39.786 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:266 Resp: 362130

Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.6	79.0
264	62.8	52.0	78.0



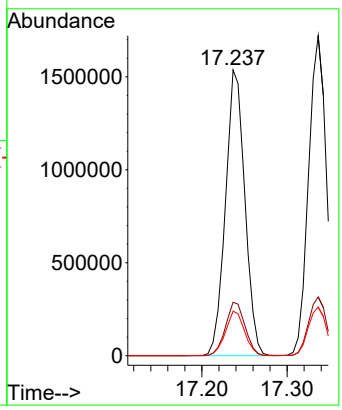


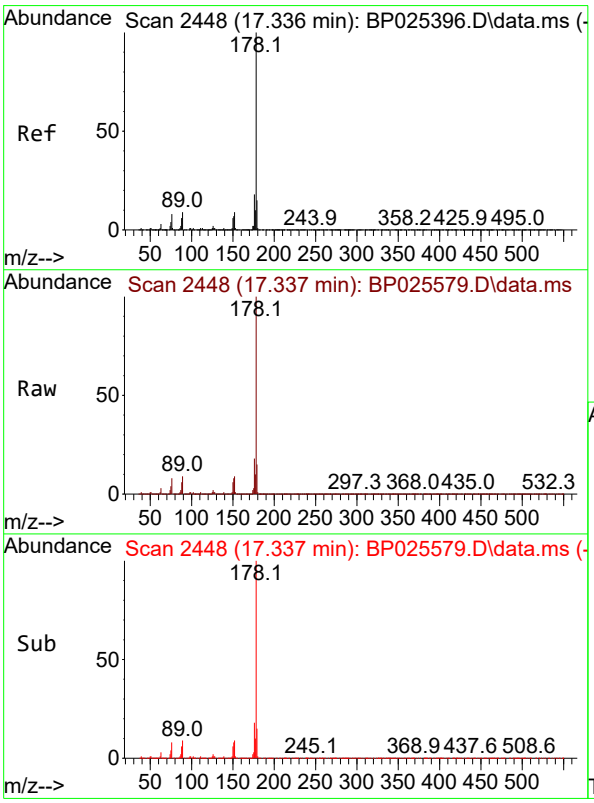
#71
Phenanthrene
Concen: 39.153 ng
RT: 17.237 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2432486

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.5	12.2	18.4

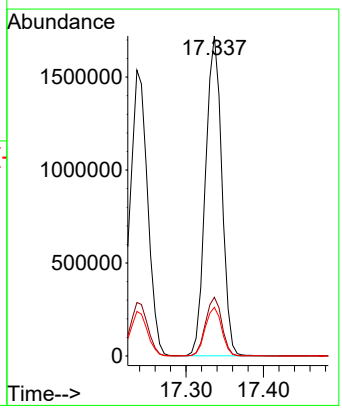


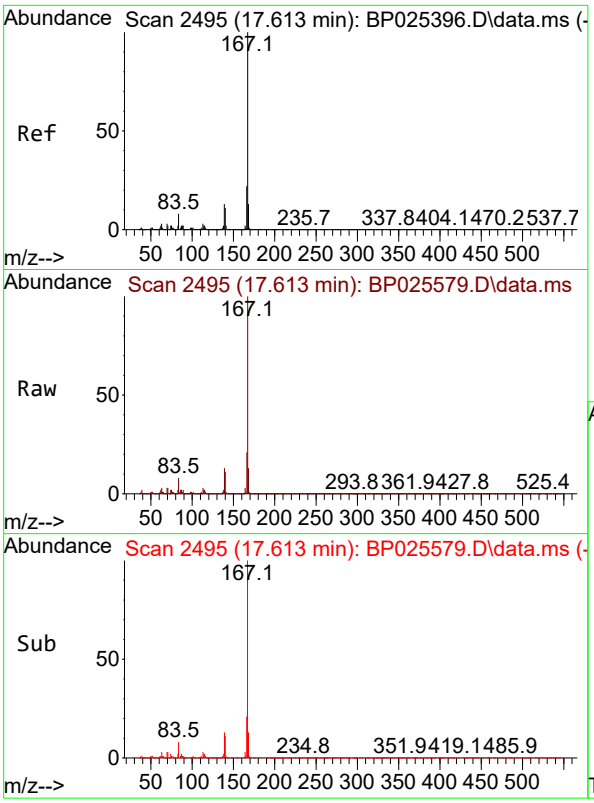


#72
Anthracene
Concen: 39.548 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:178 Resp: 2509132

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.2	12.2	18.2



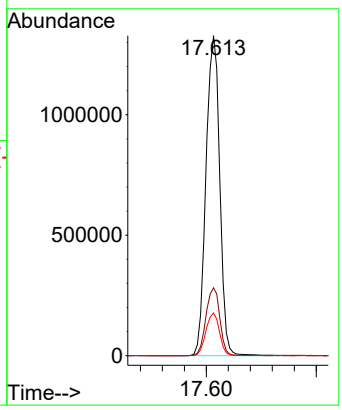


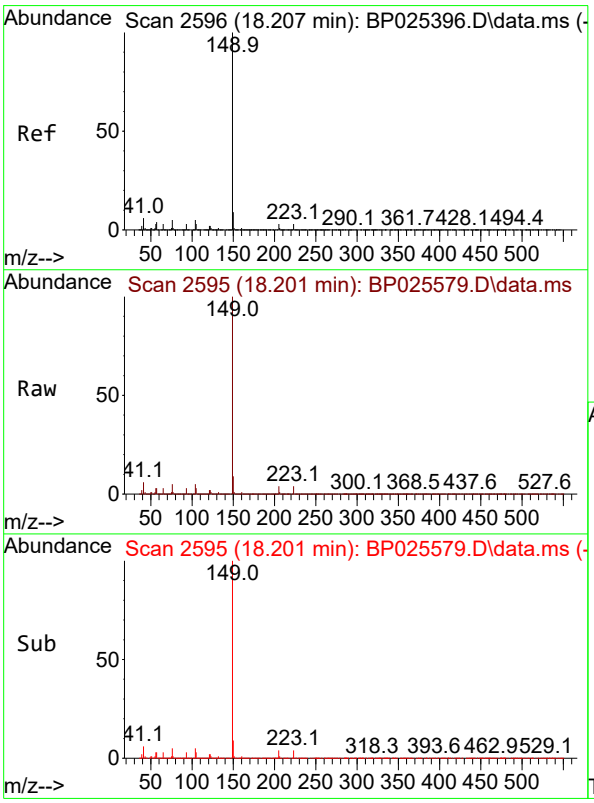
#73
Carbazole
Concen: 38.538 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 2303052

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.5	26.3
139	13.3	10.6	16.0

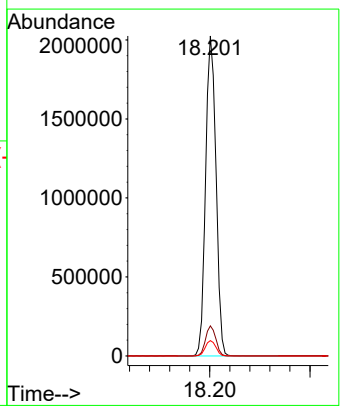


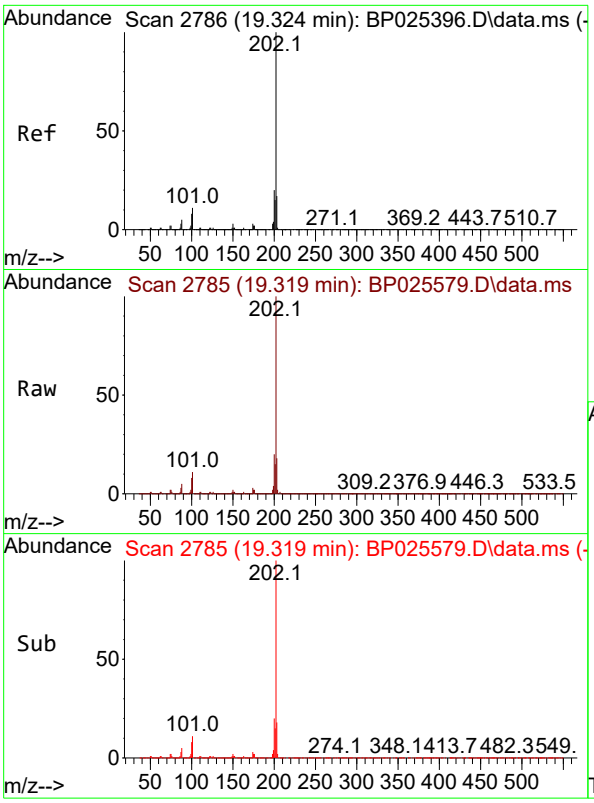


#74
Di-n-butylphthalate
Concen: 39.626 ng
RT: 18.201 min Scan# 2595
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:149 Resp: 2913457

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	4.8	4.2	6.2



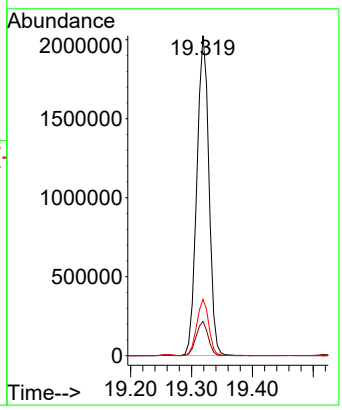


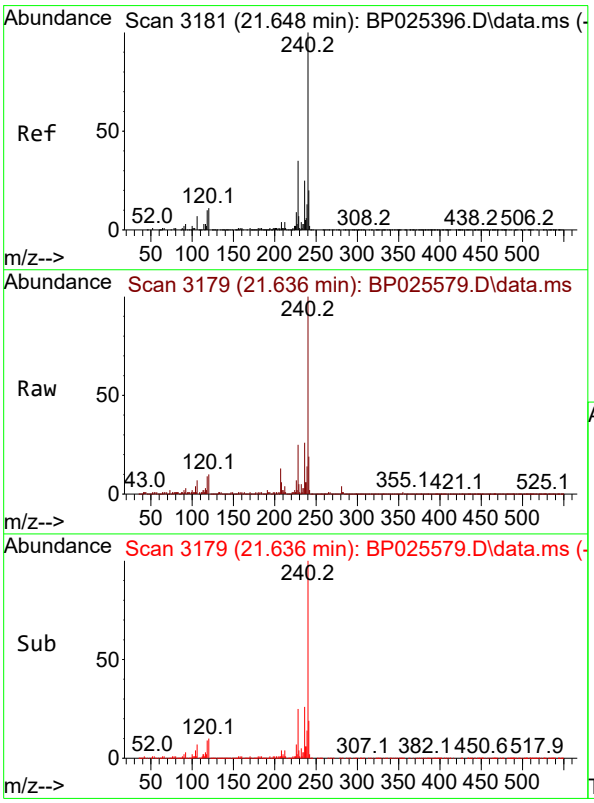
#75
Fluoranthene
Concen: 37.670 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 2791668

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.1
203	17.6	0.0	37.3

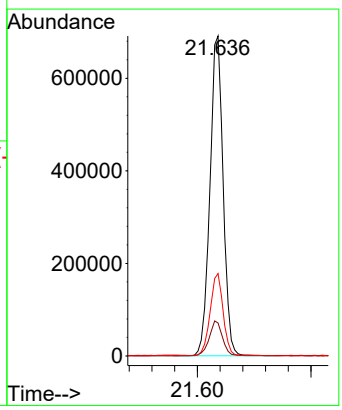


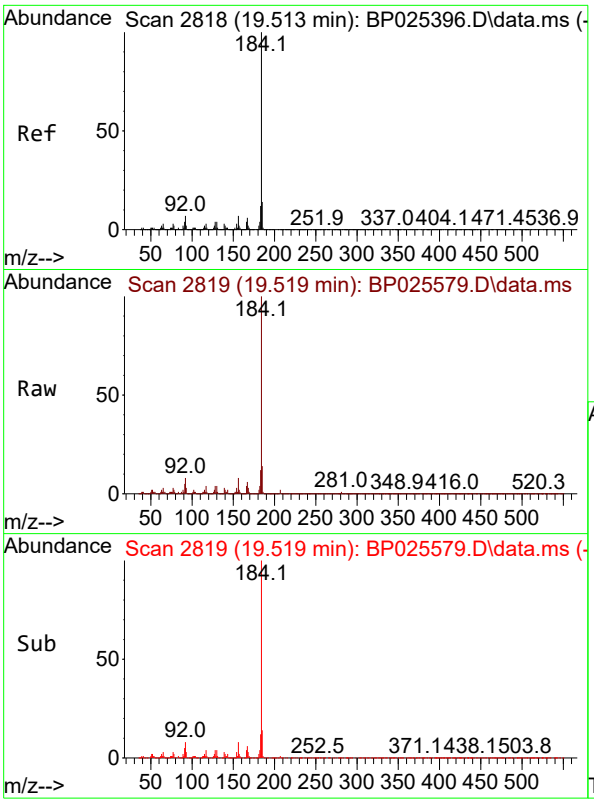


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:240 Resp: 1110364

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	25.8	19.8	29.8



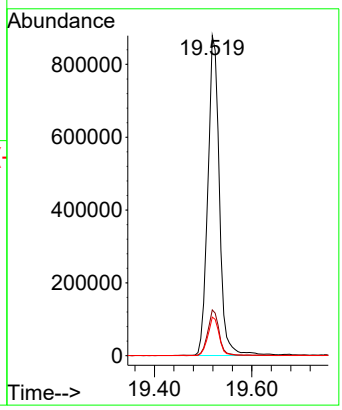


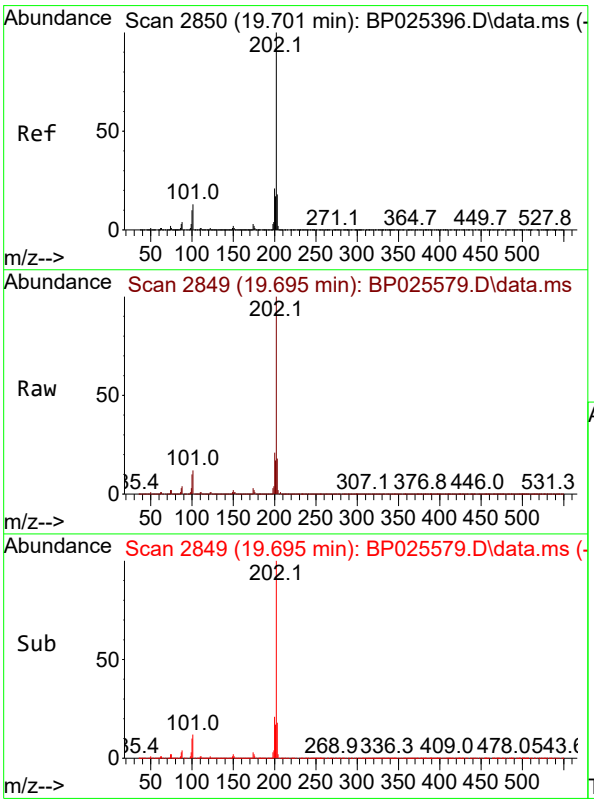
#77
Benzidine
Concen: 38.109 ng
RT: 19.519 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1444118

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	12.0	9.4	14.2

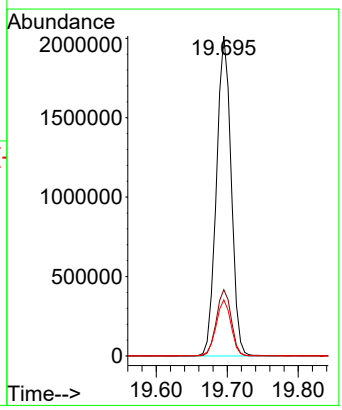


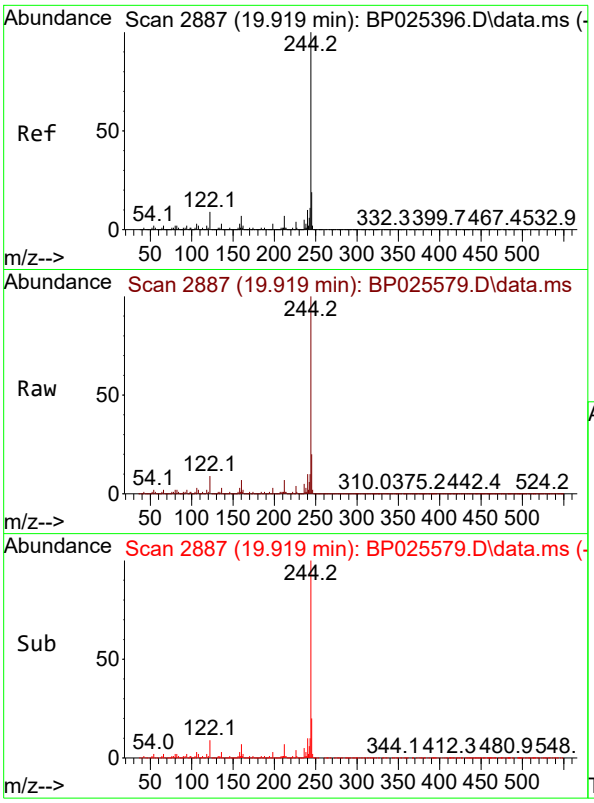


#78
Pyrene
Concen: 39.921 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:202 Resp: 2881100

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.6	14.2	21.2



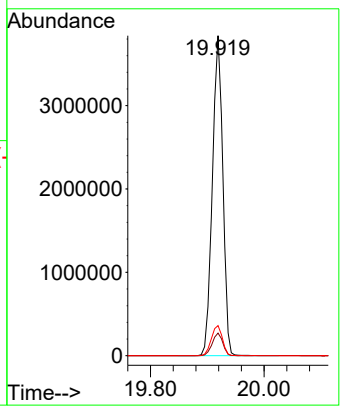


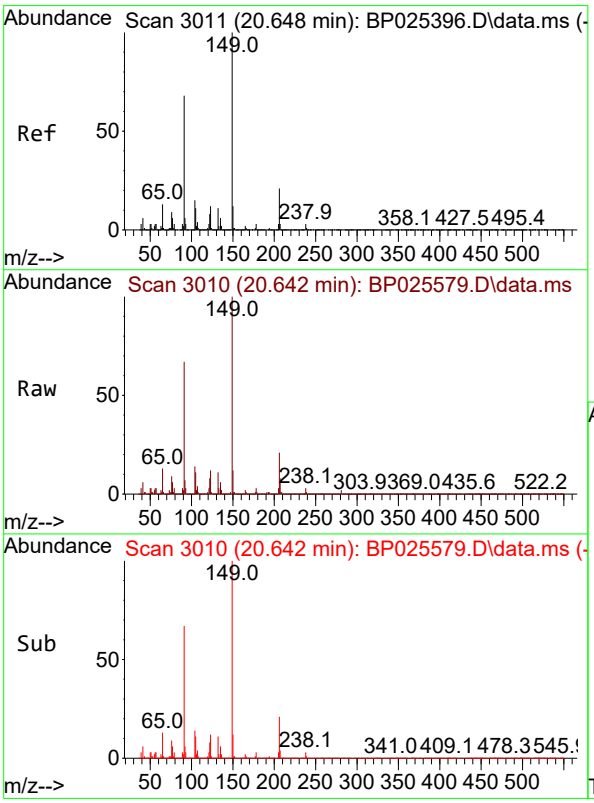
#79
Terphenyl-d14
Concen: 80.370 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 4877631

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.4	7.4	11.2

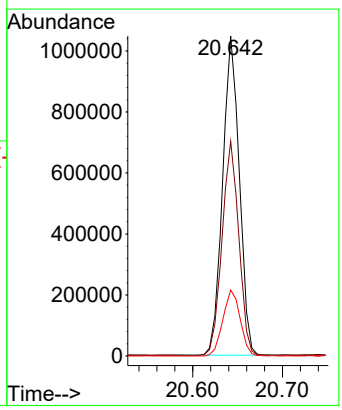


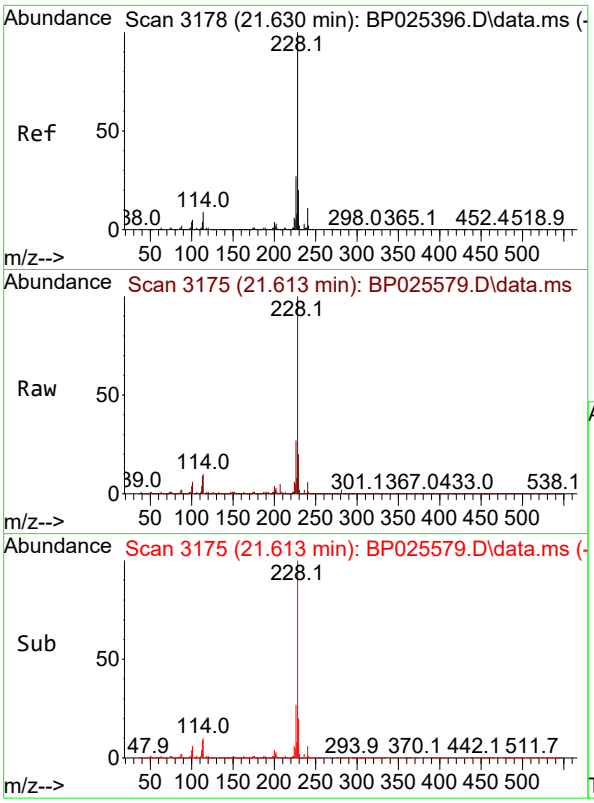


#80
Butylbenzylphthalate
Concen: 41.353 ng
RT: 20.642 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:149 Resp: 1352603

Ion	Ratio	Lower	Upper
149	100		
91	67.1	54.2	81.2
206	20.6	16.6	24.8



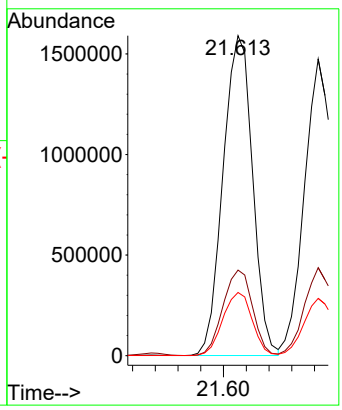


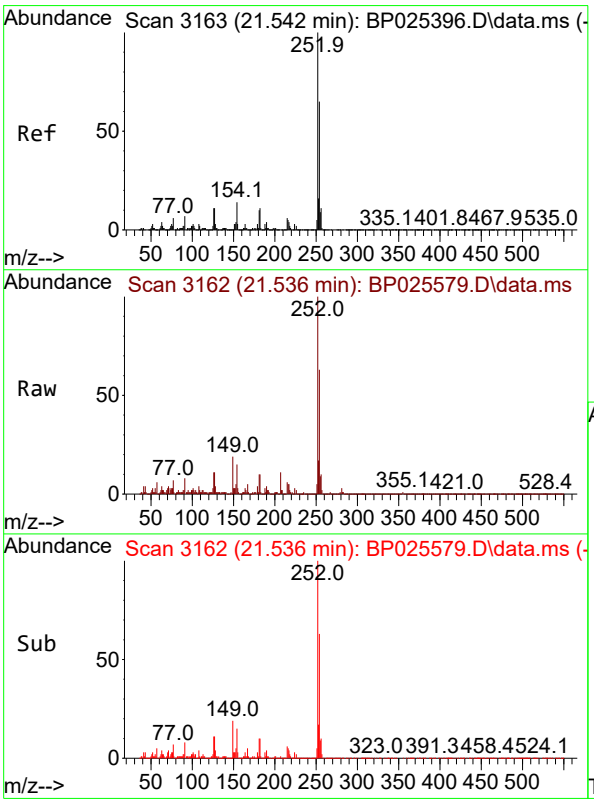
#81
Benzo(a)anthracene
Concen: 39.246 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2873936

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.7	15.6	23.4

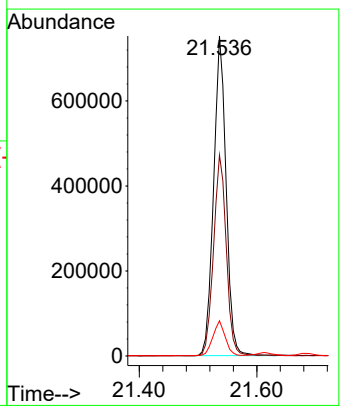


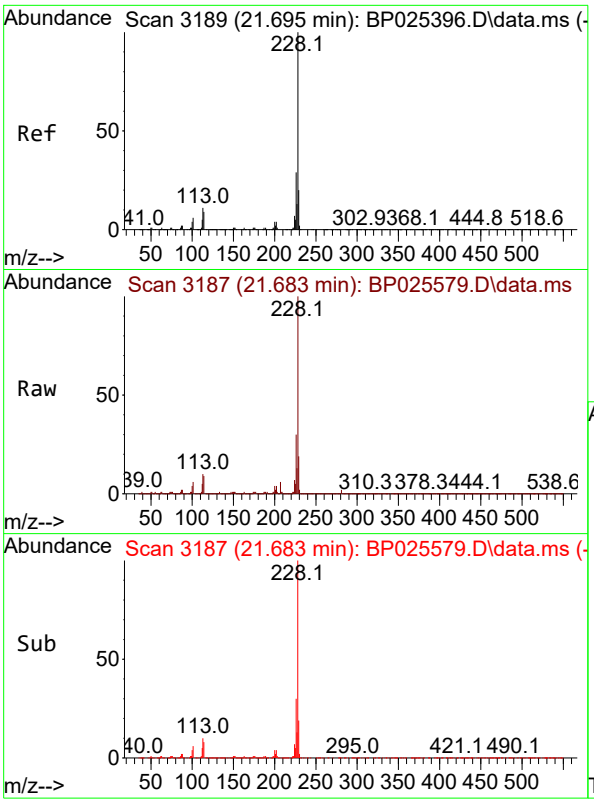


#82
3,3'-Dichlorobenzidine
Concen: 40.161 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:252 Resp: 1108523

Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.8	77.6
126	11.0	9.1	13.7



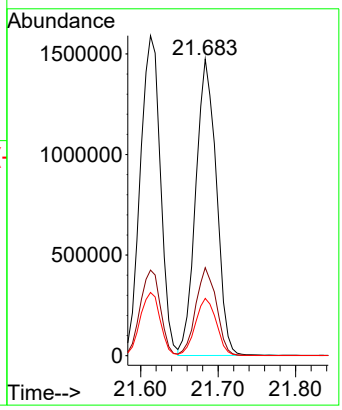


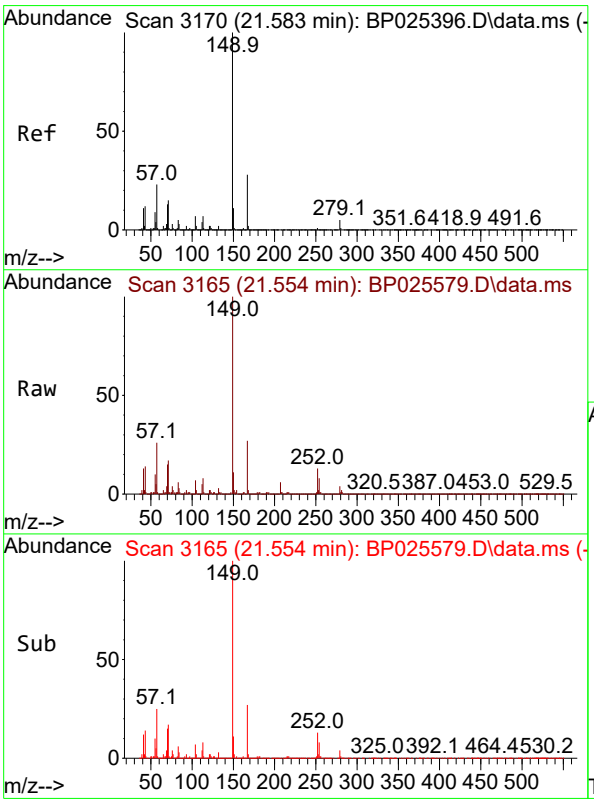
#83
Chrysene
Concen: 39.608 ng
RT: 21.683 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2716264

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.3	15.6	23.4

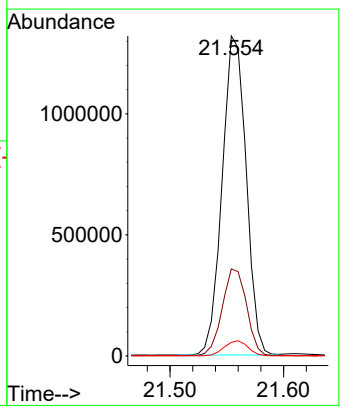


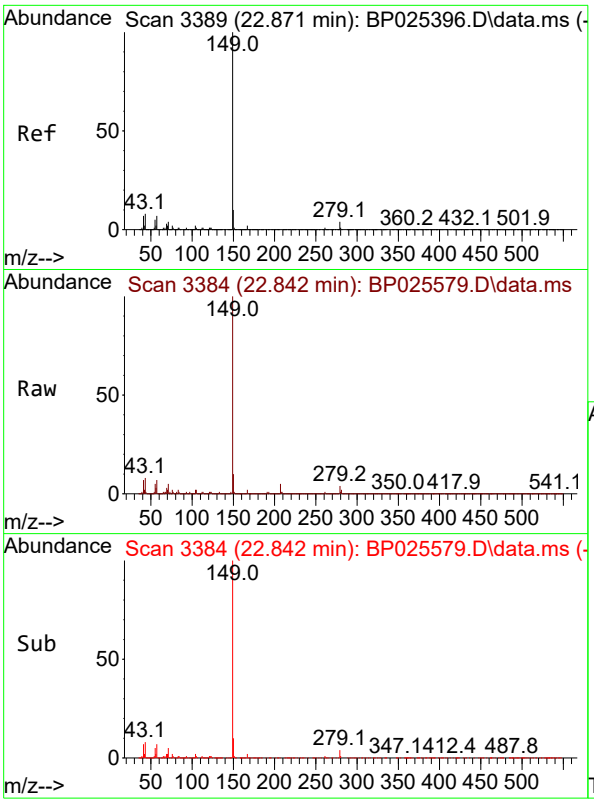


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.185 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:149 Resp: 1934845

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	4.2	3.8	5.6



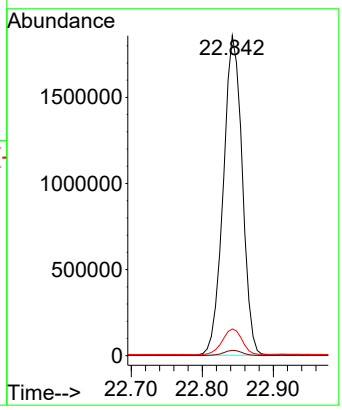


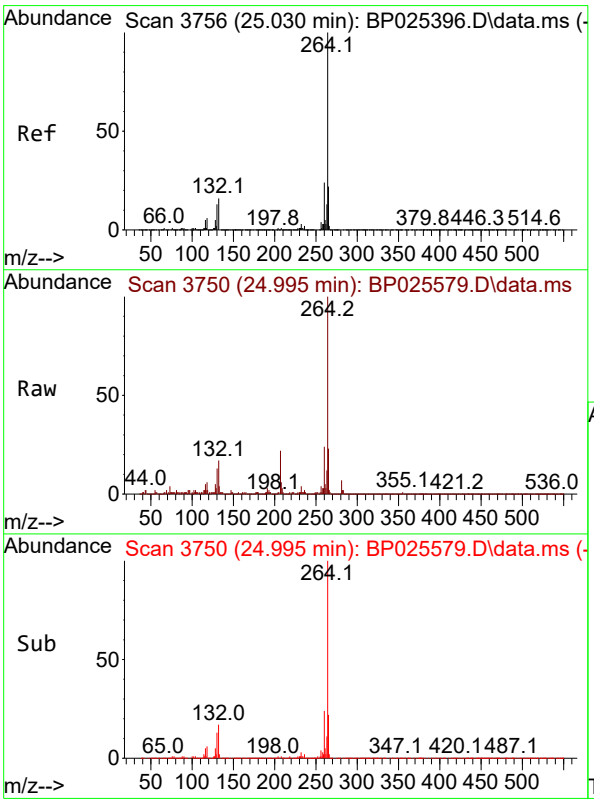
#85
Di-n-octyl phthalate
Concen: 41.424 ng
RT: 22.842 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 3430668

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.3	9.5

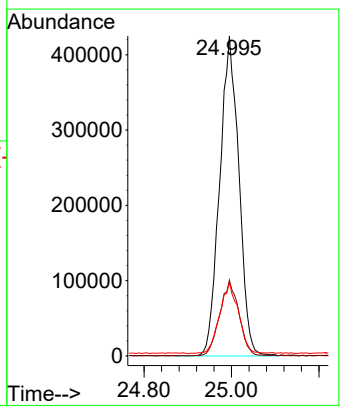


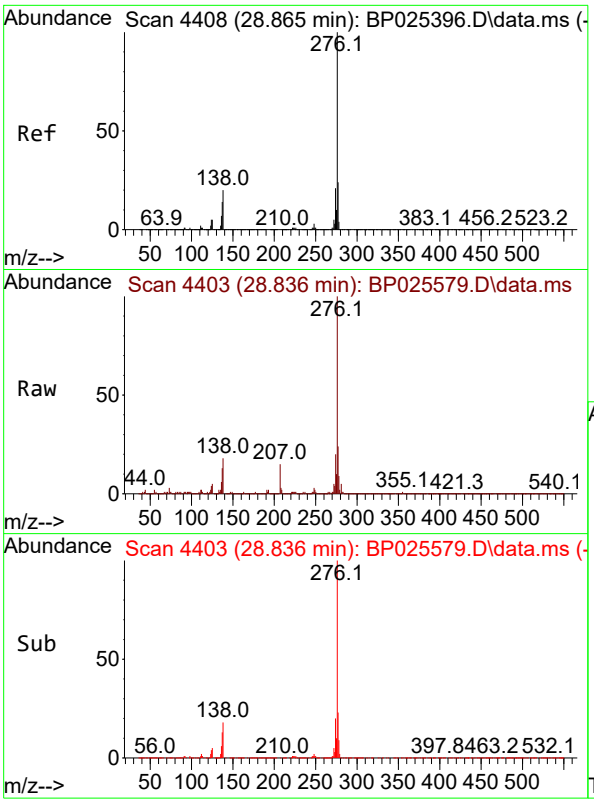


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.035 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:264 Resp: 1292923

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	23.0	17.4	26.0



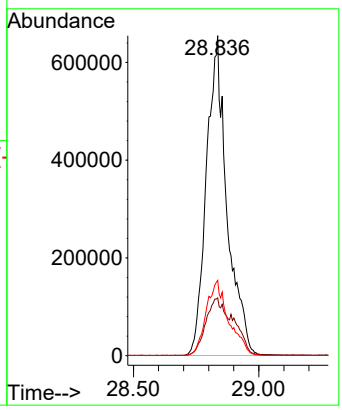


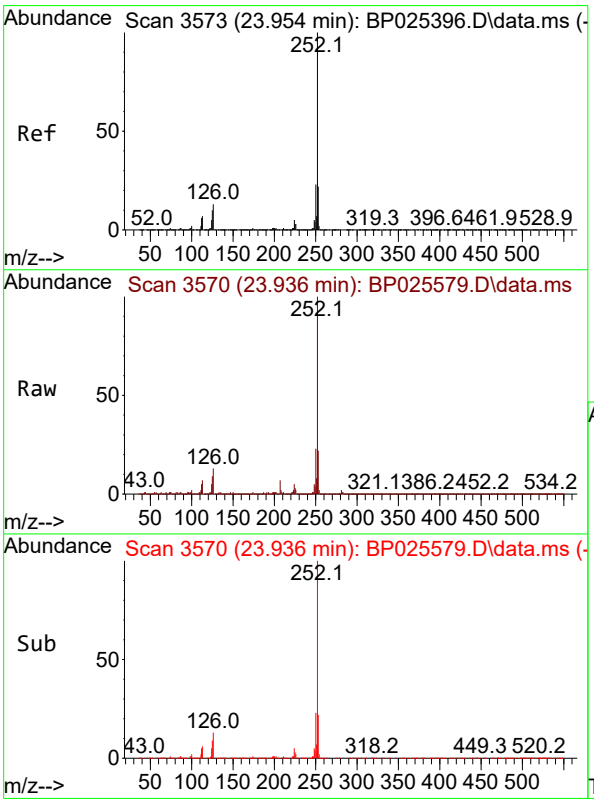
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.314 ng
RT: 28.836 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3727641

Ion	Ratio	Lower	Upper
276	100		
138	17.4	12.9	19.3
277	25.5	17.0	25.6

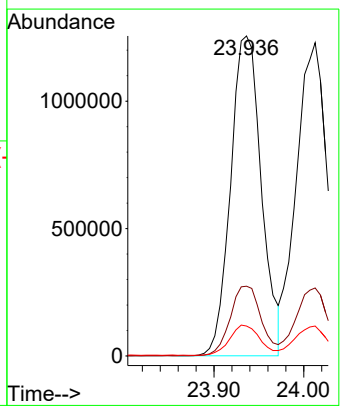


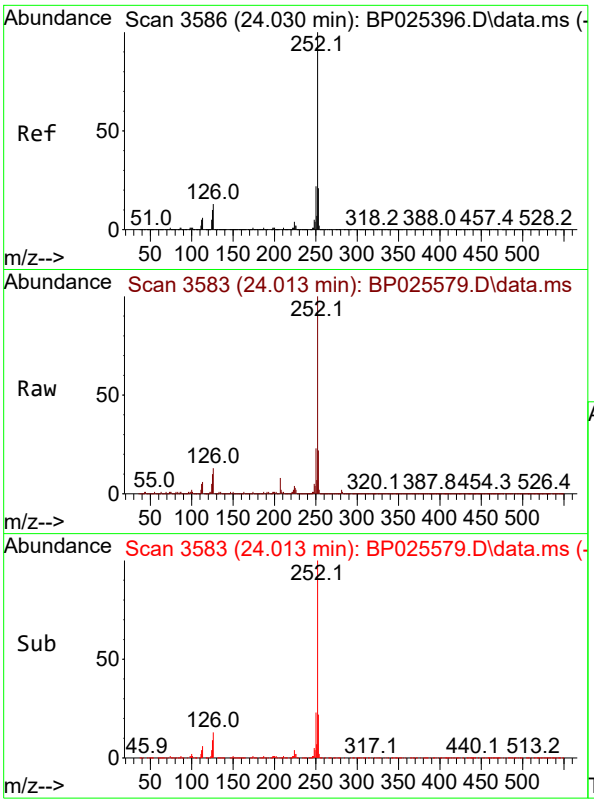


#88
Benzo(b)fluoranthene
Concen: 39.263 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:252 Resp: 2993424

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.3	7.9	11.9



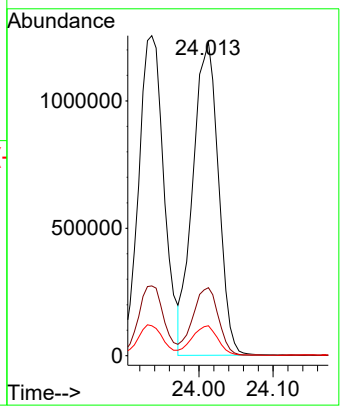


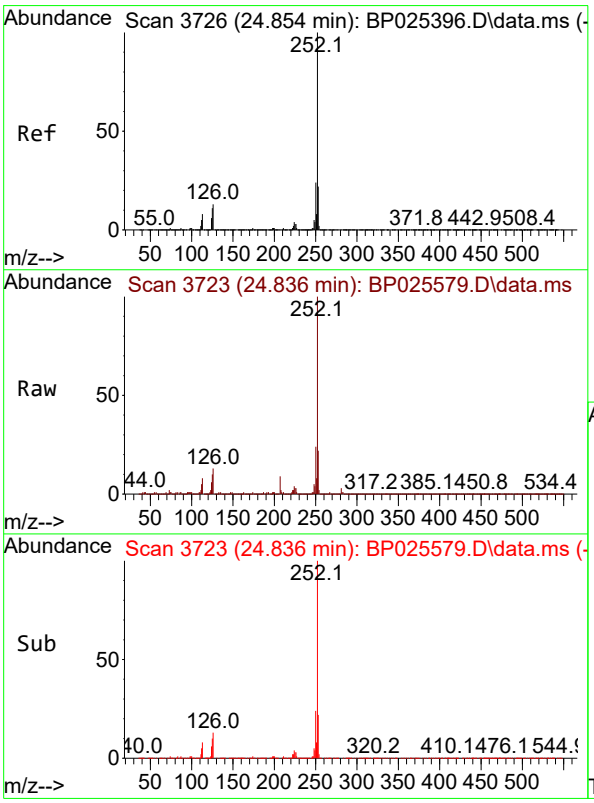
#89
Benzo(k)fluoranthene
Concen: 38.657 ng
RT: 24.013 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2949181

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.6	7.8	11.6

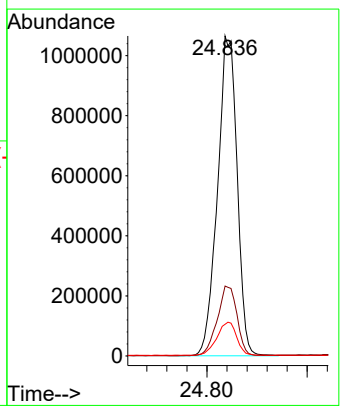


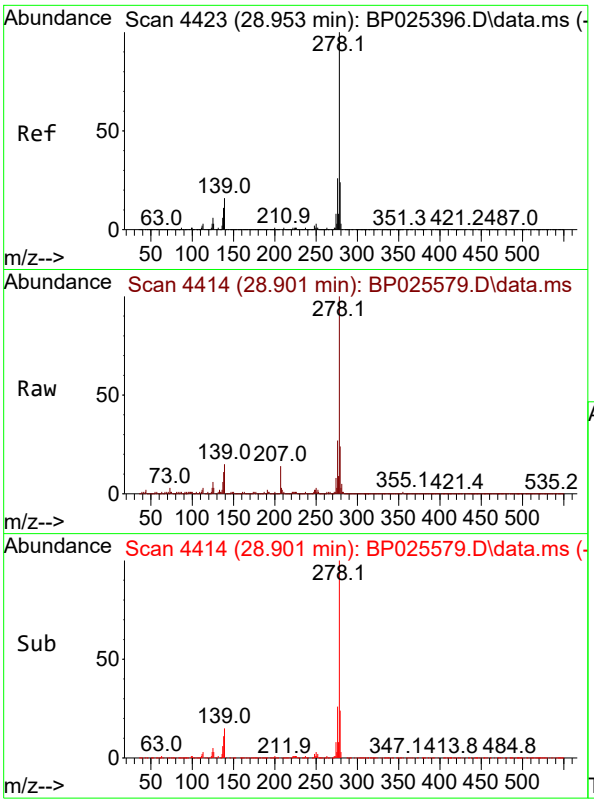


#90
Benzo(a)pyrene
Concen: 38.942 ng
RT: 24.836 min Scan# 3723
Delta R.T. -0.017 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:252 Resp: 2890050

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.9	8.7	13.1



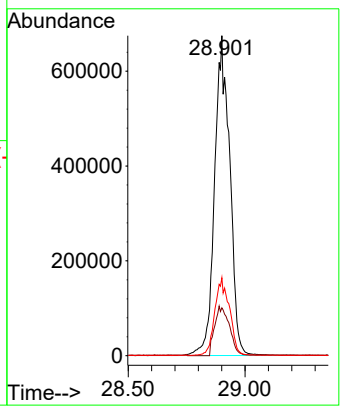


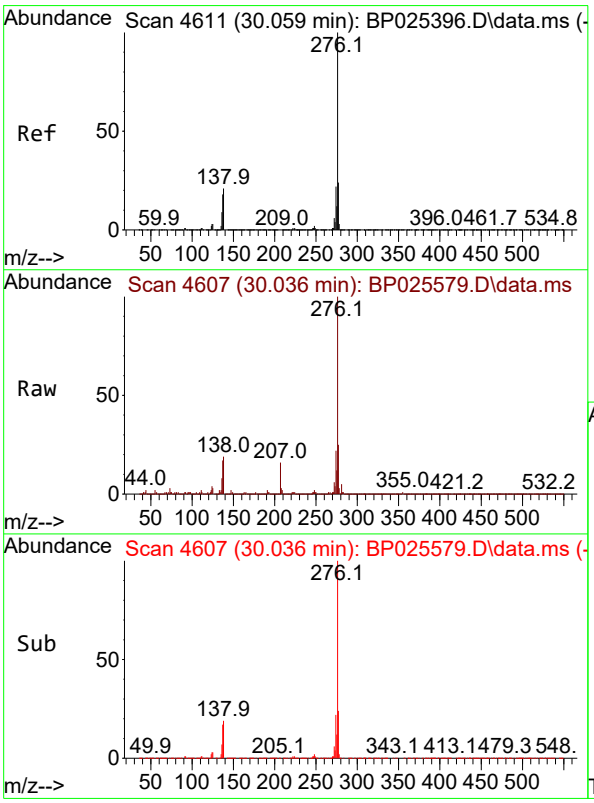
#91
Dibenzo(a,h)anthracene
Concen: 39.344 ng
RT: 28.901 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 3048612

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.0	19.4
279	24.4	19.4	29.2

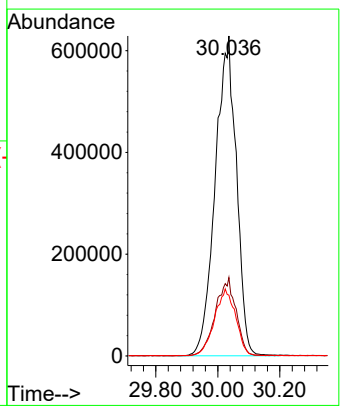




#92
Benzo(g,h,i)perylene
Concen: 38.932 ng
RT: 30.036 min Scan# 4607
Delta R.T. -0.023 min
Lab File: BP025579.D
Acq: 26 Aug 2025 10:21

Tgt Ion:276 Resp: 2965349

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	19.0	16.7	25.1



Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 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	149	-0.02
2		1,4-Dioxane	0.472	0.478	-1.3	160#	0.00
3		Pyridine	1.291	1.282	0.7	157#	0.00
4		n-Nitrosodimethylamine	0.532	0.549	-3.2	160#	0.00
5	S	2-Fluorophenol	1.204	1.238	-2.8	159#	0.00
6		Aniline	2.080	2.010	3.4	148	0.00
7	S	Phenol-d6	1.544	1.536	0.5	151#	0.00
8		2-Chlorophenol	1.359	1.354	0.4	154#	0.00
9		Benzaldehyde	1.082	1.311	-21.2	143	-0.01
10	C	Phenol	1.620	1.579	2.5	149	0.00
11		bis(2-Chloroethyl)ether	1.263	1.232	2.5	150#	-0.01
12		1,3-Dichlorobenzene	1.499	1.497	0.1	155#	-0.01
13	C	1,4-Dichlorobenzene	1.532	1.506	1.7	153#	-0.02
14		1,2-Dichlorobenzene	1.483	1.440	2.9	150	-0.01
15		Benzyl Alcohol	1.227	1.169	4.7	146	0.00
16		2,2'-oxybis(1-Chloropropane	1.692	1.682	0.6	155#	-0.02
17		2-Methylphenol	1.125	1.095	2.7	147	0.00
18		Hexachloroethane	0.563	0.567	-0.7	155#	-0.02
19	P	n-Nitroso-di-n-propylamine	1.023	0.944	7.7	142	-0.01
20		3+4-Methylphenols	1.560	1.460	6.4	143	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	141	-0.01
22		Acetophenone	0.502	0.498	0.8	144	-0.01
23	S	Nitrobenzene-d5	0.395	0.403	-2.0	148	-0.01
24		Nitrobenzene	0.353	0.356	-0.8	145	0.00
25		Isophorone	0.700	0.679	3.0	142	-0.01
26	C	2-Nitrophenol	0.181	0.189	-4.4	147	-0.01
27		2,4-Dimethylphenol	0.312	0.308	1.3	140	0.00
28		bis(2-Chloroethoxy)methane	0.423	0.409	3.3	141	-0.01
29	C	2,4-Dichlorophenol	0.310	0.308	0.6	142	0.00
30		1,2,4-Trichlorobenzene	0.340	0.337	0.9	145	-0.01
31		Naphthalene	1.040	1.016	2.3	143	-0.01
32		Benzoic acid	0.230	0.233	-1.3	144	0.02
33		4-Chloroaniline	0.459	0.440	4.1	137	-0.01
34	C	Hexachlorobutadiene	0.211	0.212	-0.5	145	-0.02
35		Caprolactam	0.114	0.106	7.0	136	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.344	3.1	140	0.00
37		2-Methylnaphthalene	0.676	0.650	3.8	140	-0.01
38		1-Methylnaphthalene	0.719	0.676	6.0	139	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	130	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.600	-3.8	139	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.378	-8.3	141	-0.02
42	S	2,4,6-Tribromophenol	0.269	0.279	-3.7	138	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.414	-6.2	141	0.00
44		2,4,5-Trichlorophenol	0.427	0.455	-6.6	139	0.01
45	S	2-Fluorobiphenyl	1.463	1.454	0.6	135	-0.02
46		1,1'-Biphenyl	1.453	1.465	-0.8	135	-0.01
47		2-Chloronaphthalene	1.131	1.145	-1.2	135	-0.01

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 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	0.352	-7.0	138	-0.01
49		Acenaphthylene	1.871	1.885	-0.7	135	-0.02
50		Dimethylphthalate	1.465	1.457	0.5	135	-0.02
51		2,6-Dinitrotoluene	0.309	0.317	-2.6	133	0.00
52	C	Acenaphthene	1.098	1.071	2.5	133	-0.01
53		3-Nitroaniline	0.347	0.352	-1.4	134	0.00
54	P	2,4-Dinitrophenol	0.165	0.206	-24.8	164#	0.00
55		Dibenzofuran	1.736	1.708	1.6	132	0.00
56	P	4-Nitrophenol	0.285	0.275	3.5	128	0.03
57		2,4-Dinitrotoluene	0.440	0.449	-2.0	133	0.00
58		Fluorene	1.370	1.330	2.9	132	0.00
59		2,3,4,6-Tetrachlorophenol	0.377	0.382	-1.3	135	0.00
60		Diethylphthalate	1.488	1.476	0.8	133	0.00
61		4-Chlorophenyl-phenylether	0.681	0.673	1.2	134	0.00
62		4-Nitroaniline	0.356	0.360	-1.1	133	0.00
63		Azobenzene	1.274	1.281	-0.5	134	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	128	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.142	-13.6	147	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.600	1.6	130	0.00
67		4-Bromophenyl-phenylether	0.220	0.223	-1.4	134	0.00
68		Hexachlorobenzene	0.255	0.259	-1.6	137	0.00
69		Atrazine	0.228	0.224	1.8	131	0.00
70	C	Pentachlorophenol	0.161	0.160	0.6	130	0.00
71		Phenanthrene	1.099	1.075	2.2	132	0.00
72		Anthracene	1.122	1.109	1.2	131	0.00
73		Carbazole	1.057	1.018	3.7	129	0.00
74		Di-n-butylphthalate	1.300	1.288	0.9	132	0.00
75	C	Fluoranthene	1.311	1.234	5.9	128	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	123	-0.01
77		Benzidine	0.683	0.650	4.8	83	0.00
78		Pyrene	1.300	1.297	0.2	126	0.00
79	S	Terphenyl-d14	1.093	1.098	-0.5	130	0.00
80		Butylbenzylphthalate	0.589	0.609	-3.4	130	0.00
81		Benzo(a)anthracene	1.319	1.294	1.9	126	-0.02
82		3,3'-Dichlorobenzidine	0.497	0.499	-0.4	126	0.00
83		Chrysene	1.235	1.223	1.0	128	-0.01
84		Bis(2-ethylhexyl)phthalate	0.867	0.871	-0.5	130	-0.03
85	c	Di-n-octyl phthalate	1.492	1.545	-3.6	132	-0.03
86	I	Perylene-d12	1.000	1.000	0.0	126	-0.04
87		Indeno(1,2,3-cd)pyrene	1.467	1.442	1.7	129	-0.03
88		Benzo(b)fluoranthene	1.179	1.158	1.8	129	-0.02
89		Benzo(k)fluoranthene	1.180	1.141	3.3	128	-0.02
90	C	Benzo(a)pyrene	1.148	1.118	2.6	128	-0.02
91		Dibenzo(a,h)anthracene	1.199	1.179	1.7	129	-0.05
92		Benzo(g,h,i)perylene	1.178	1.147	2.6	127	-0.02

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 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

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 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)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	149	-0.02
2		1,4-Dioxane	40.000	40.557	-1.4	160	0.00
3		Pyridine	40.000	39.701	0.7	157	0.00
4		n-Nitrosodimethylamine	40.000	41.218	-3.0	160	0.00
5	S	2-Fluorophenol	80.000	82.226	-2.8	159	0.00
6		Aniline	40.000	38.650	3.4	148	0.00
7	S	Phenol-d6	80.000	79.575	0.5	151	0.00
8		2-Chlorophenol	40.000	39.864	0.3	154	0.00
9		Benzaldehyde	40.000	48.474	-21.2	143	-0.01
10	C	Phenol	40.000	38.972	2.6	149	0.00
11		bis(2-Chloroethyl)ether	40.000	39.010	2.5	150	-0.01
12		1,3-Dichlorobenzene	40.000	39.972	0.1	155	-0.01
13	C	1,4-Dichlorobenzene	40.000	39.322	1.7	153	-0.02
14		1,2-Dichlorobenzene	40.000	38.836	2.9	150	-0.01
15		Benzyl Alcohol	40.000	38.122	4.7	146	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.779	0.6	155	-0.02
17		2-Methylphenol	40.000	38.941	2.6	147	0.00
18		Hexachloroethane	40.000	40.285	-0.7	155	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	36.932	7.7	142	-0.01
20		3+4-Methylphenols	40.000	37.445	6.4	143	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	141	-0.01
22		Acetophenone	40.000	39.724	0.7	144	-0.01
23	S	Nitrobenzene-d5	80.000	81.472	-1.8	148	-0.01
24		Nitrobenzene	40.000	40.281	-0.7	145	0.00
25		Isophorone	40.000	38.795	3.0	142	-0.01
26	C	2-Nitrophenol	40.000	41.691	-4.2	147	-0.01
27		2,4-Dimethylphenol	40.000	39.443	1.4	140	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.722	3.2	141	-0.01
29	C	2,4-Dichlorophenol	40.000	39.723	0.7	142	0.00
30		1,2,4-Trichlorobenzene	40.000	39.714	0.7	145	-0.01
31		Naphthalene	40.000	39.081	2.3	143	-0.01
32		Benzoic acid	40.000	40.466	-1.2	144	0.02
33		4-Chloroaniline	40.000	38.334	4.2	137	-0.01
34	C	Hexachlorobutadiene	40.000	40.037	-0.1	145	-0.02
35		Caprolactam	40.000	37.371	6.6	136	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.708	3.2	140	0.00
37		2-Methylnaphthalene	40.000	38.444	3.9	140	-0.01
38		1-Methylnaphthalene	40.000	37.588	6.0	139	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	130	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	41.548	-3.9	139	-0.02
41	P	Hexachlorocyclopentadiene	40.000	43.311	-8.3	141	-0.02
42	S	2,4,6-Tribromophenol	80.000	83.055	-3.8	138	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.513	-6.3	141	0.00
44		2,4,5-Trichlorophenol	40.000	42.543	-6.4	139	0.01
45	S	2-Fluorobiphenyl	80.000	79.459	0.7	135	-0.02
46		1,1'-Biphenyl	40.000	40.352	-0.9	135	-0.01
47		2-Chloronaphthalene	40.000	40.519	-1.3	135	-0.01

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 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	42.723	-6.8	138	-0.01
49		Acenaphthylene	40.000	40.292	-0.7	135	-0.02
50		Dimethylphthalate	40.000	39.793	0.5	135	-0.02
51		2,6-Dinitrotoluene	40.000	41.079	-2.7	133	0.00
52	C	Acenaphthene	40.000	39.001	2.5	133	-0.01
53		3-Nitroaniline	40.000	40.597	-1.5	134	0.00
54	P	2,4-Dinitrophenol	40.000	49.987	-25.0	164	0.00
55		Dibenzofuran	40.000	39.350	1.6	132	0.00
56	P	4-Nitrophenol	40.000	38.533	3.7	128	0.03
57		2,4-Dinitrotoluene	40.000	40.818	-2.0	133	0.00
58		Fluorene	40.000	38.819	3.0	132	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.510	-1.3	135	0.00
60		Diethylphthalate	40.000	39.661	0.8	133	0.00
61		4-Chlorophenyl-phenylether	40.000	39.502	1.2	134	0.00
62		4-Nitroaniline	40.000	40.483	-1.2	133	0.00
63		Azobenzene	40.000	40.216	-0.5	134	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	128	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.412	-13.5	147	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.379	1.6	130	0.00
67		4-Bromophenyl-phenylether	40.000	40.536	-1.3	134	0.00
68		Hexachlorobenzene	40.000	40.563	-1.4	137	0.00
69		Atrazine	40.000	39.294	1.8	131	0.00
70	C	Pentachlorophenol	40.000	39.786	0.5	130	0.00
71		Phenanthrene	40.000	39.153	2.1	132	0.00
72		Anthracene	40.000	39.548	1.1	131	0.00
73		Carbazole	40.000	38.538	3.7	129	0.00
74		Di-n-butylphthalate	40.000	39.626	0.9	132	0.00
75	C	Fluoranthene	40.000	37.670	5.8	128	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	123	-0.01
77		Benzidine	40.000	38.109	4.7	83	0.00
78		Pyrene	40.000	39.921	0.2	126	0.00
79	S	Terphenyl-d14	80.000	80.370	-0.5	130	0.00
80		Butylbenzylphthalate	40.000	41.353	-3.4	130	0.00
81		Benzo(a)anthracene	40.000	39.246	1.9	126	-0.02
82		3,3'-Dichlorobenzidine	40.000	40.161	-0.4	126	0.00
83		Chrysene	40.000	39.608	1.0	128	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	40.185	-0.5	130	-0.03
85	c	Di-n-octyl phthalate	40.000	41.424	-3.6	132	-0.03
86	I	Perylene-d12	20.000	20.000	0.0	126	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	39.314	1.7	129	-0.03
88		Benzo(b)fluoranthene	40.000	39.263	1.8	129	-0.02
89		Benzo(k)fluoranthene	40.000	38.657	3.4	128	-0.02
90	C	Benzo(a)pyrene	40.000	38.942	2.6	128	-0.02
91		Dibenzo(a,h)anthracene	40.000	39.344	1.6	129	-0.05
92		Benzo(g,h,i)perylene	40.000	38.932	2.7	127	-0.02

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 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

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: HERO01

Lab Code: ACE SDG No.: Q2928

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.204		0.0	
Benzaldehyde	1.082	1.320		22.0	
Phenol-d6	1.544	1.563		1.2	
Phenol	1.620	1.636		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.242		-1.7	
2-Chlorophenol	1.359	1.356		-0.2	
2-Methylphenol	1.125	1.127		0.2	
2,2-oxybis(1-Chloropropane)	1.692	1.723		1.8	
Acetophenone	0.502	0.496		-1.2	
3+4-Methylphenols	1.560	1.513		-3.0	
n-Nitroso-di-n-propylamine	1.023	1.032	0.050	0.9	
Nitrobenzene-d5	0.395	0.395		0.0	
Hexachloroethane	0.563	0.563		0.0	
Nitrobenzene	0.353	0.352		-0.3	
Isophorone	0.700	0.708		1.1	
2-Nitrophenol	0.181	0.187		3.3	20.0
2,4-Dimethylphenol	0.312	0.310		-0.6	
bis(2-Chloroethoxy)methane	0.423	0.417		-1.4	
2,4-Dichlorophenol	0.310	0.310		0.0	20.0
Naphthalene	1.040	1.018		-2.1	
4-Chloroaniline	0.459	0.458		-0.2	
Hexachlorobutadiene	0.211	0.206		-2.4	20.0
Caprolactam	0.114	0.121		6.1	
4-Chloro-3-methylphenol	0.355	0.363		2.3	20.0
2-Methylnaphthalene	0.676	0.657		-2.8	
Hexachlorocyclopentadiene	0.349	0.280	0.050	-19.8	
2,4,6-Trichlorophenol	0.390	0.385		-1.3	20.0
2-Fluorobiphenyl	1.463	1.415		-3.3	
2,4,5-Trichlorophenol	0.427	0.424		-0.7	
1,1-Biphenyl	1.453	1.400		-3.6	
2-Chloronaphthalene	1.131	1.094		-3.3	
2-Nitroaniline	0.329	0.360		9.4	
Dimethylphthalate	1.465	1.499		2.3	
Acenaphthylene	1.871	1.827		-2.4	
2,6-Dinitrotoluene	0.309	0.331		7.1	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.046		-4.7	20.0
2,4-Dinitrophenol	0.165	0.204	0.050	23.6	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: HERO01

Lab Code: ACE SDG No.: Q2928

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.718		-1.0	
2,4-Dinitrotoluene	0.440	0.481		9.3	
Diethylphthalate	1.488	1.550		4.2	
4-Chlorophenyl-phenylether	0.681	0.690		1.3	
Fluorene	1.370	1.386		1.2	
4-Nitroaniline	0.356	0.391		9.8	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.593		-2.8	20.0
2,4,6-Tribromophenol	0.269	0.296		10.0	
4-Bromophenyl-phenylether	0.220	0.217		-1.4	
Hexachlorobenzene	0.255	0.256		0.4	
Atrazine	0.228	0.234		2.6	
Pentachlorophenol	0.161	0.155		-3.7	20.0
Phenanthrene	1.099	1.066		-3.0	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.047		-0.9	
Di-n-butylphthalate	1.300	1.367		5.2	
Fluoranthene	1.311	1.324		1.0	20.0
Pyrene	1.300	1.296		-0.3	
Terphenyl-d14	1.093	1.122		2.7	
Butylbenzylphthalate	0.589	0.630		7.0	
3,3-Dichlorobenzidine	0.497	0.494		-0.6	
Benzo(a)anthracene	1.319	1.299		-1.5	
Chrysene	1.235	1.231		-0.3	
Bis(2-ethylhexyl)phthalate	0.867	0.884		2.0	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Benzo(b)fluoranthene	1.179	1.165		-1.2	
Benzo(k)fluoranthene	1.180	1.169		-0.9	
Benzo(a)pyrene	1.148	1.139		-0.8	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.427		-2.7	
Dibenzo(a,h)anthracene	1.199	1.176		-1.9	
Benzo(g,h,i)perylene	1.178	1.148		-2.5	
1,2,4,5-Tetrachlorobenzene	0.578	0.565		-2.2	
1,4-Dioxane	0.472	0.463		-1.9	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.394		4.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 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	7.778	152	161611	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	681785	20.000	ng	-0.02
39) Acenaphthene-d10	14.396	164	463868	20.000	ng	-0.01
64) Phenanthrene-d10	17.207	188	978179	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1036724	20.000	ng	0.00
86) Perylene-d12	25.001	264	1177638	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	778278	79.975	ng	0.00
7) Phenol-d6	6.967	99	1010169	80.965	ng	0.00
23) Nitrobenzene-d5	8.919	82	1076213	79.850	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	549909	88.074	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2624819	77.334	ng	-0.01
79) Terphenyl-d14	19.919	244	4654437	82.140	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	149495	39.219	ng	99
3) Pyridine	3.720	79	409189	39.220	ng	95
4) n-Nitrosodimethylamine	3.626	42	182771	42.492	ng	98
6) Aniline	7.114	93	676634	40.251	ng	97
8) 2-Chlorophenol	7.349	128	438161	39.900	ng	98
9) Benzaldehyde	6.931	77	426718	48.816	ng	97
10) Phenol	6.990	94	528849	40.395	ng	99
11) bis(2-Chloroethyl)ether	7.202	93	401542	39.351	ng	98
12) 1,3-Dichlorobenzene	7.666	146	477862	39.463	ng	99
13) 1,4-Dichlorobenzene	7.814	146	488238	39.448	ng	99
14) 1,2-Dichlorobenzene	8.125	146	472173	39.411	ng	99
15) Benzyl Alcohol	8.014	79	399160	40.264	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	556824	40.735	ng	100
17) 2-Methylphenol	8.219	107	364205	40.055	ng	99
18) Hexachloroethane	8.843	117	181852	39.962	ng	96
19) n-Nitroso-di-n-propyla...	8.572	70	333477	40.352	ng	99
20) 3+4-Methylphenols	8.543	107	488967	38.796	ng	100
22) Acetophenone	8.584	105	676704	39.578	ng	98
24) Nitrobenzene	8.961	77	479758	39.829	ng	98
25) Isophorone	9.484	82	965178	40.465	ng	98
26) 2-Nitrophenol	9.666	139	254434	41.159	ng	99
27) 2,4-Dimethylphenol	9.725	122	422400	39.733	ng	99
28) bis(2-Chloroethoxy)met...	9.955	93	568496	39.429	ng	100
29) 2,4-Dichlorophenol	10.208	162	422695	40.026	ng	99
30) 1,2,4-Trichlorobenzene	10.408	180	452737	39.108	ng	96
31) Naphthalene	10.590	128	1388192	39.174	ng	99
32) Benzoic acid	9.878	122	310275	39.533	ng	99
33) 4-Chloroaniline	10.702	127	625135	39.937	ng	98
34) Hexachlorobutadiene	10.878	225	280228	38.868	ng	98
35) Caprolactam	11.496	113	164315	42.433	ng	99
36) 4-Chloro-3-methylphenol	11.837	107	494469	40.805	ng	97
37) 2-Methylnaphthalene	12.202	142	895986	38.853	ng	99
38) 1-Methylnaphthalene	12.425	142	942809	38.444	ng	100
40) 1,2,4,5-Tetrachloroben...	12.572	216	524176	39.126	ng	99
41) Hexachlorocyclopentadiene	12.549	237	260051	32.135	ng	97
43) 2,4,6-Trichlorophenol	12.819	196	357566	39.534	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 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

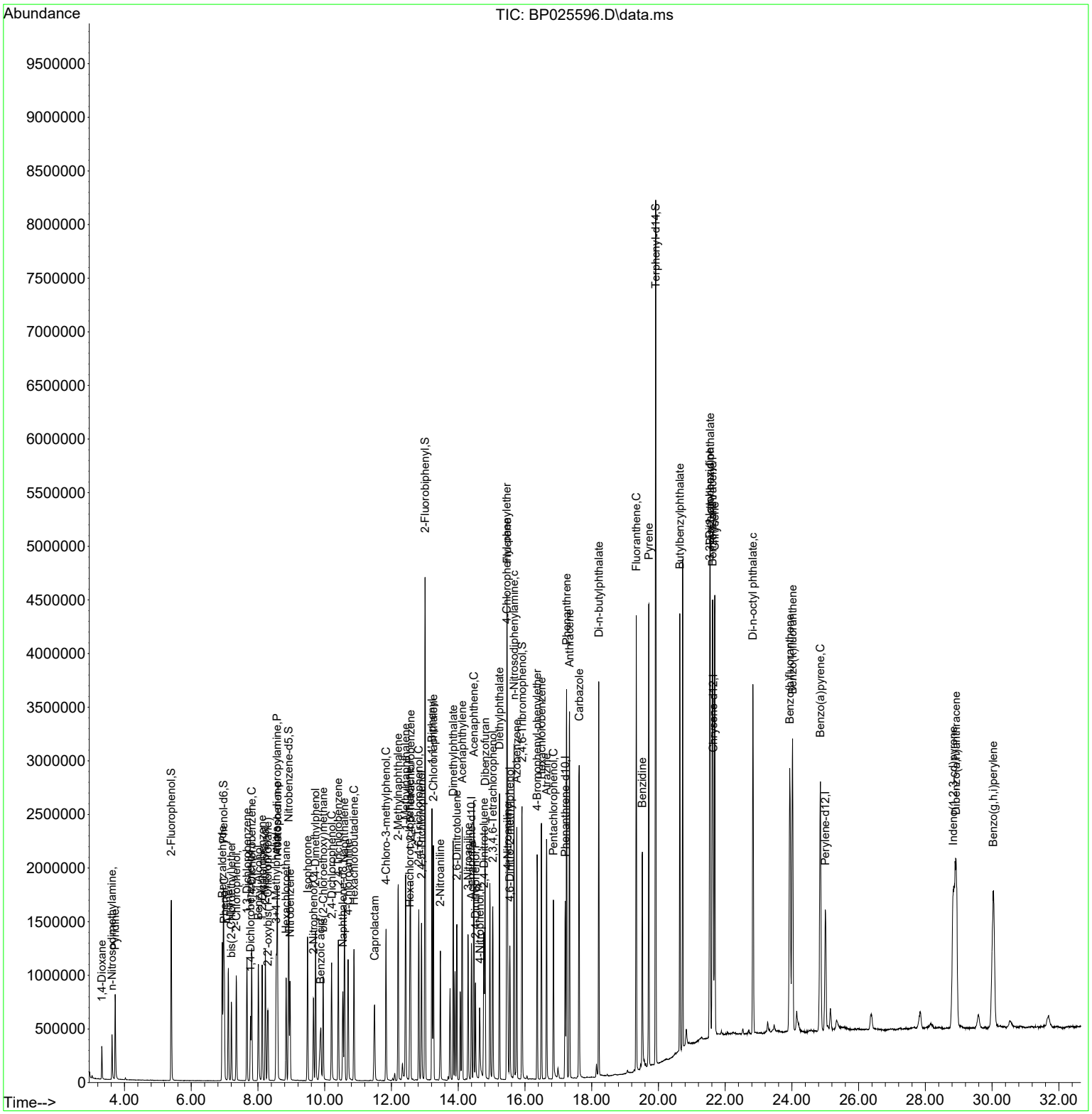
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	392969	39.644	ng		98
46) 1,1'-Biphenyl	13.213	154	1299218	38.565	ng		99
47) 2-Chloronaphthalene	13.254	162	1015269	38.712	ng		99
48) 2-Nitroaniline	13.466	65	333661	43.663	ng		98
49) Acenaphthylene	14.119	152	1694793	39.053	ng		99
50) Dimethylphthalate	13.849	163	1390228	40.927	ng		99
51) 2,6-Dinitrotoluene	13.960	165	307211	42.909	ng		98
52) Acenaphthene	14.466	154	970444	38.097	ng		100
53) 3-Nitroaniline	14.296	138	338029	41.964	ng		94
54) 2,4-Dinitrophenol	14.519	184	189053	49.446	ng		98
55) Dibenzofuran	14.807	168	1594000	39.579	ng		99
56) 4-Nitrophenol	14.643	139	254738	38.484	ng		96
57) 2,4-Dinitrotoluene	14.772	165	446620	43.722	ng		99
58) Fluorene	15.466	166	1285799	40.461	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	365135	41.718	ng		100
60) Diethylphthalate	15.237	149	1438280	41.670	ng		99
61) 4-Chlorophenyl-phenyle...	15.454	204	640441	40.522	ng		98
62) 4-Nitroaniline	15.484	138	362298	43.872	ng		98
63) Azobenzene	15.754	77	1264906	42.799	ng		99
65) 4,6-Dinitro-2-methylph...	15.548	198	277206	45.462	ng		93
66) n-Nitrosodiphenylamine	15.672	169	1160960	38.921	ng		99
67) 4-Bromophenyl-phenylether	16.366	248	425056	39.510	ng		98
68) Hexachlorobenzene	16.495	284	501785	40.236	ng		96
69) Atrazine	16.648	200	458294	41.026	ng		99
70) Pentachlorophenol	16.854	266	303401	38.540	ng		98
71) Phenanthrene	17.248	178	2085730	38.815	ng		99
72) Anthracene	17.337	178	2177823	39.688	ng		100
73) Carbazole	17.625	167	2047731	39.618	ng		99
74) Di-n-butylphthalate	18.213	149	2675162	42.068	ng		99
75) Fluoranthene	19.336	202	2590880	40.422	ng		99
77) Benzidine	19.519	184	1317371	37.234	ng		99
78) Pyrene	19.713	202	2686396	39.867	ng		99
80) Butylbenzylphthalate	20.642	149	1305936	42.763	ng		99
81) Benzo(a)anthracene	21.619	228	2693701	39.398	ng		100
82) 3,3'-Dichlorobenzidine	21.536	252	1024594	39.757	ng		98
83) Chrysene	21.689	228	2553149	39.874	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1832953	40.773	ng		99
85) Di-n-octyl phthalate	22.830	149	3203052	41.423	ng		98
87) Indeno(1,2,3-cd)pyrene	28.836	276	3360807	38.915	ng	#	80
88) Benzo(b)fluoranthene	23.936	252	2744704	39.525	ng		100
89) Benzo(k)fluoranthene	24.019	252	2754230	39.635	ng		99
90) Benzo(a)pyrene	24.854	252	2682309	39.681	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	2770600	39.257	ng		99
92) Benzo(g,h,i)perylene	30.030	276	2704833	38.988	ng		100

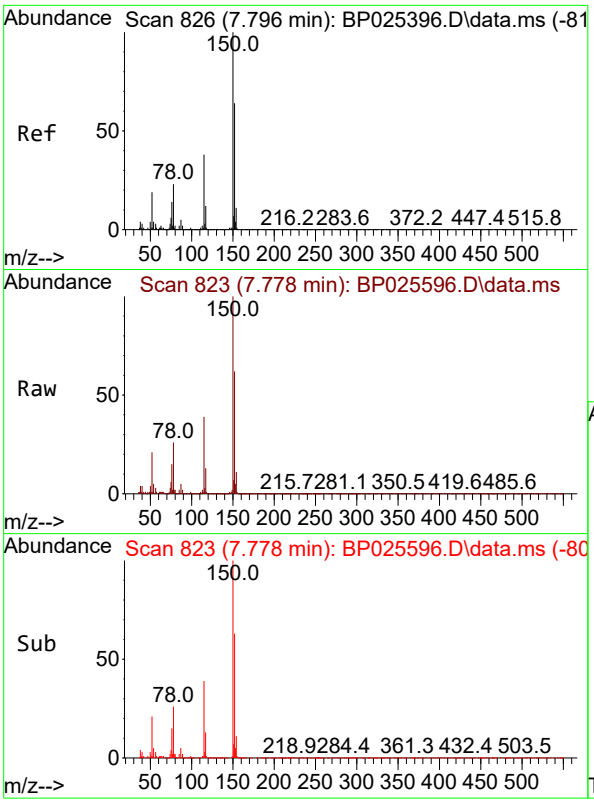
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 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



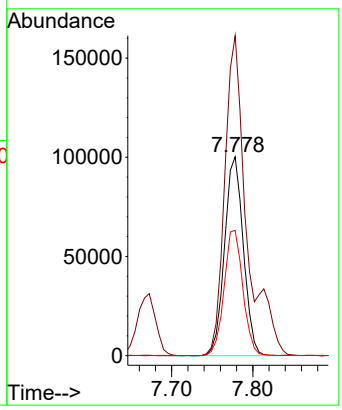


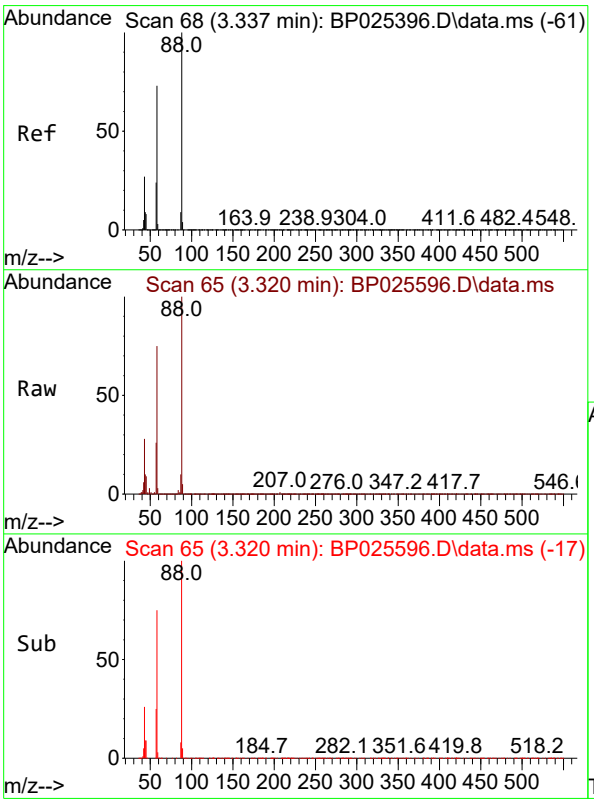
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 161611

Ion	Ratio	Lower	Upper
152	100		
150	160.8	125.9	188.9
115	63.0	48.5	72.7

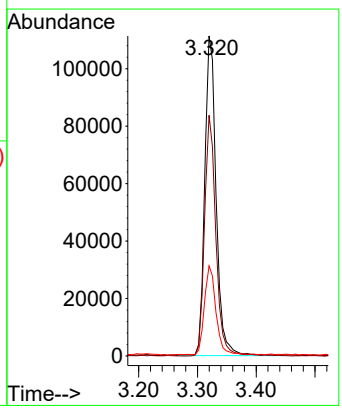


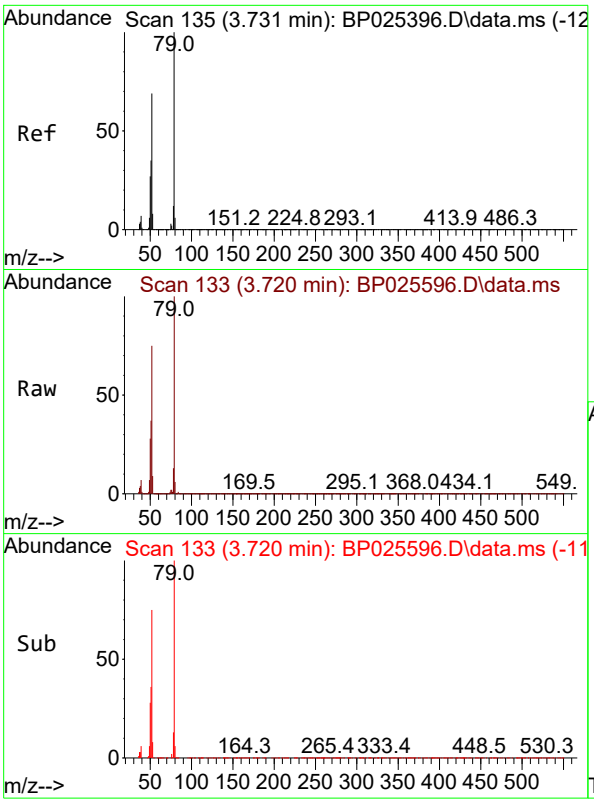


#2
1,4-Dioxane
Concen: 39.219 ng
RT: 3.320 min Scan# 65
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion: 88 Resp: 149495

Ion	Ratio	Lower	Upper
88	100		
58	74.6	59.2	88.8
43	28.3	21.7	32.5



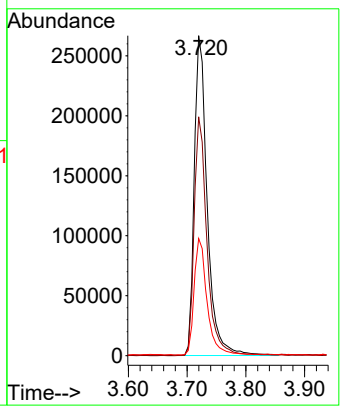


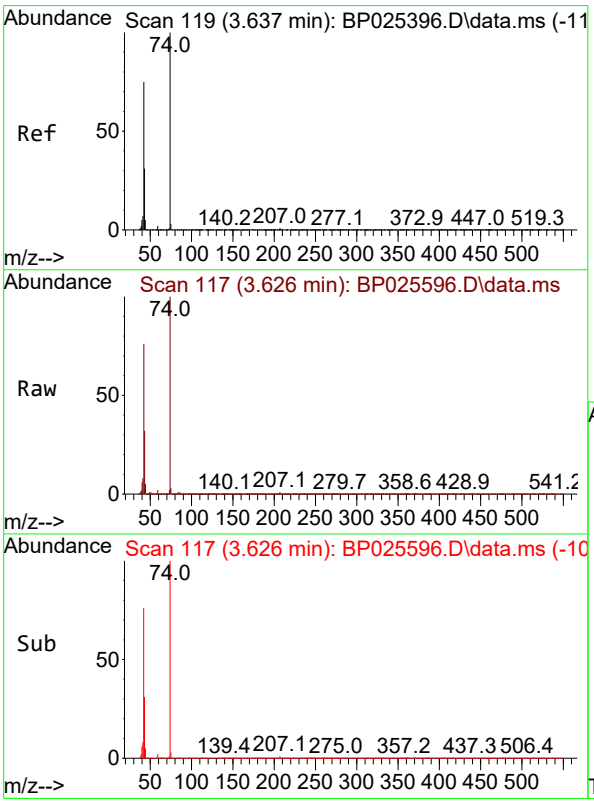
#3
Pyridine
Concen: 39.220 ng
RT: 3.720 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 409189

Ion	Ratio	Lower	Upper
79	100		
52	74.6	55.5	83.3
51	36.6	28.3	42.5

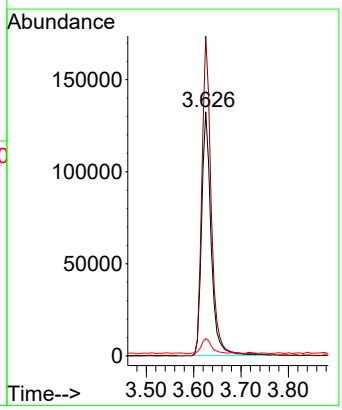


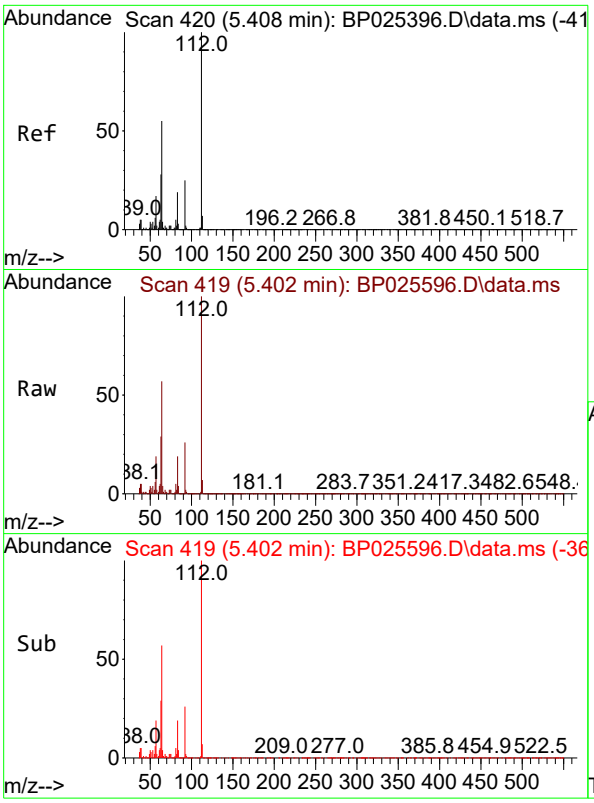


#4
n-Nitrosodimethylamine
Concen: 42.492 ng
RT: 3.626 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion: 42 Resp: 182771

Ion	Ratio	Lower	Upper
42	100		
74	131.0	107.0	160.4
44	7.2	6.2	9.4



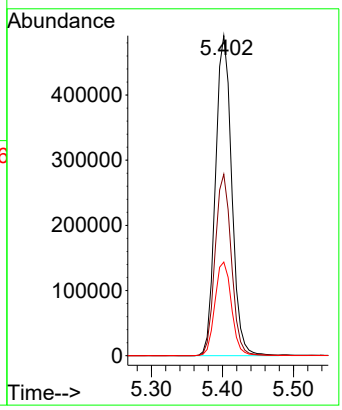


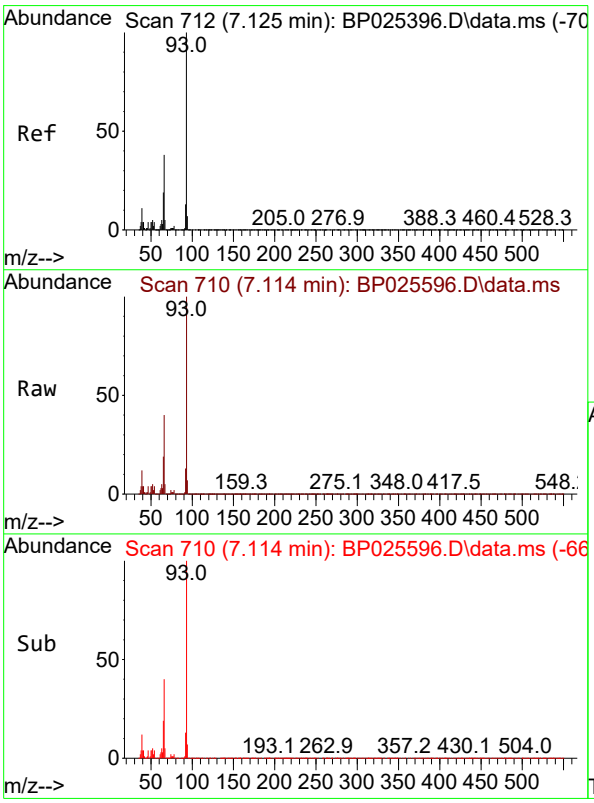
#5
2-Fluorophenol
Concen: 79.975 ng
RT: 5.402 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 778278

Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.8	65.8
63	29.3	22.7	34.1

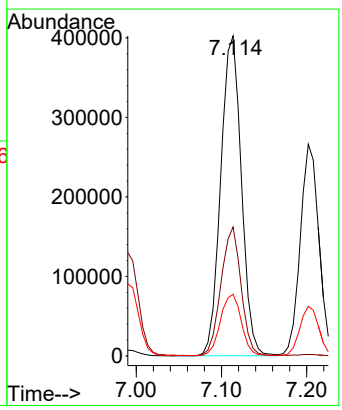


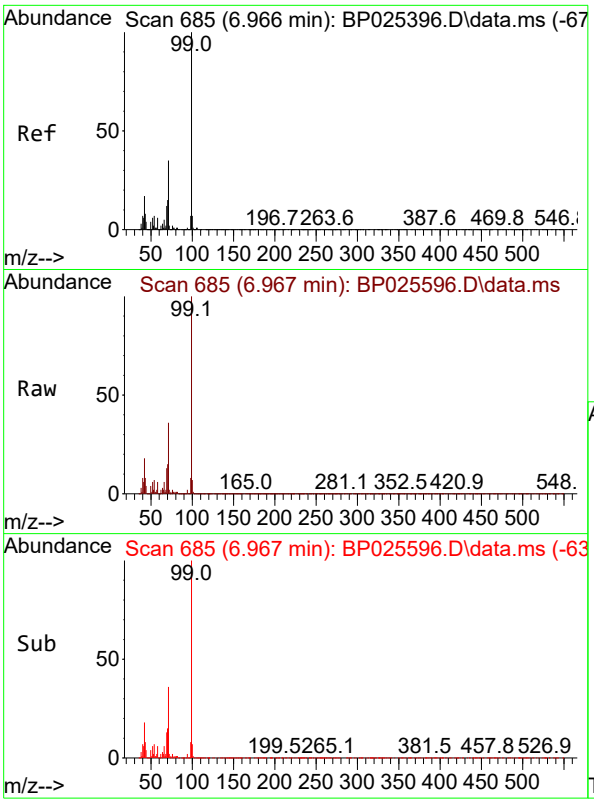


#6
Aniline
Concen: 40.251 ng
RT: 7.114 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion: 93 Resp: 676634

Ion	Ratio	Lower	Upper
93	100		
66	40.3	30.4	45.6
65	19.3	15.3	22.9



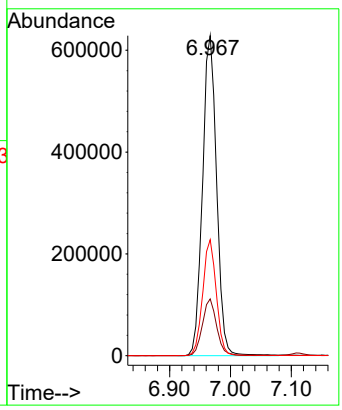


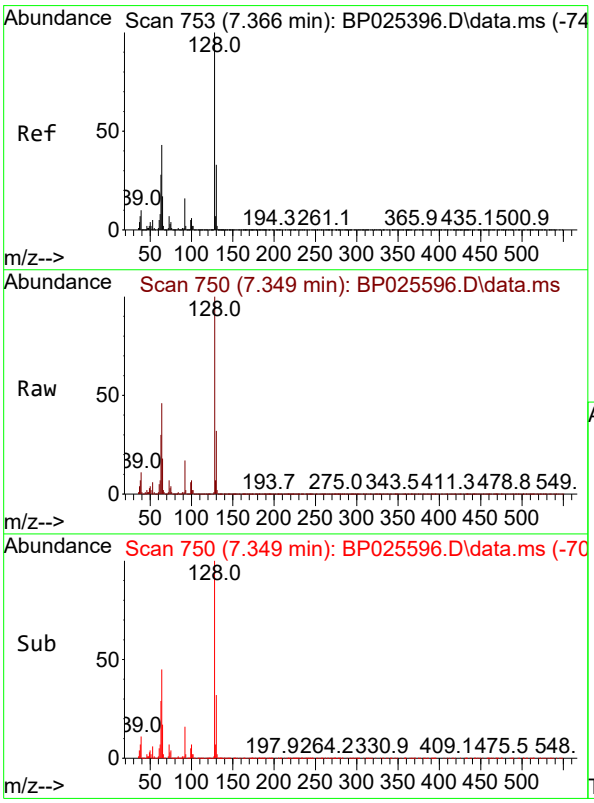
#7
Phenol-d6
Concen: 80.965 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1010169

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	36.3	28.2	42.4

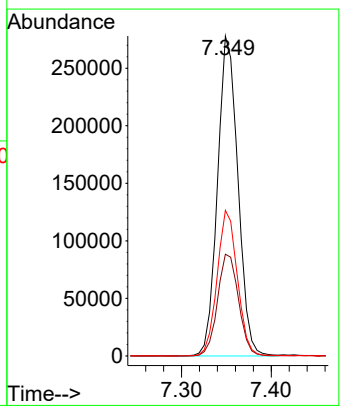


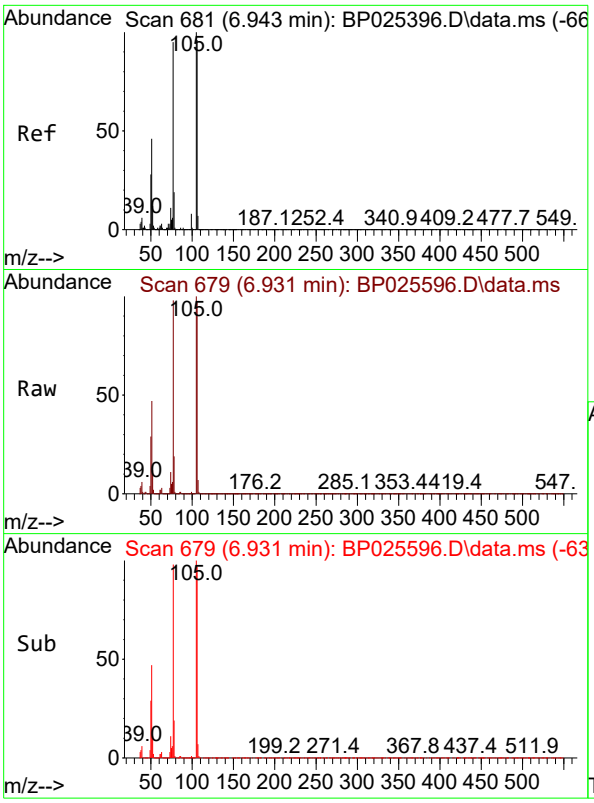


#8
2-Chlorophenol
Concen: 39.900 ng
RT: 7.349 min Scan# 750
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:128 Resp: 438161

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	45.5	23.4	63.4



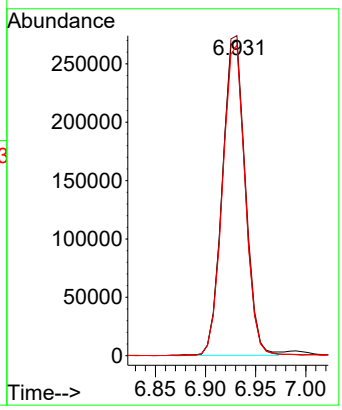


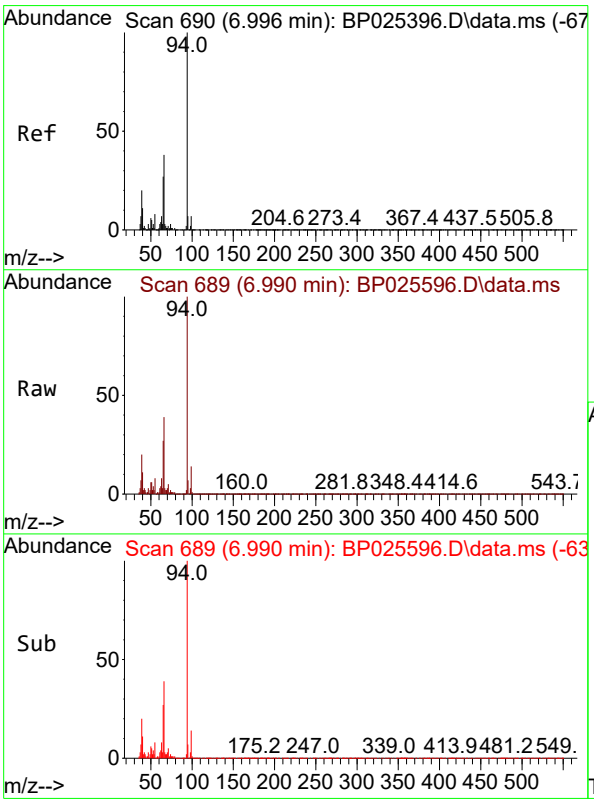
#9
Benzaldehyde
Concen: 48.816 ng
RT: 6.931 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 426718

Ion	Ratio	Lower	Upper
77	100		
105	101.6	84.8	124.8
106	98.6	80.5	120.5

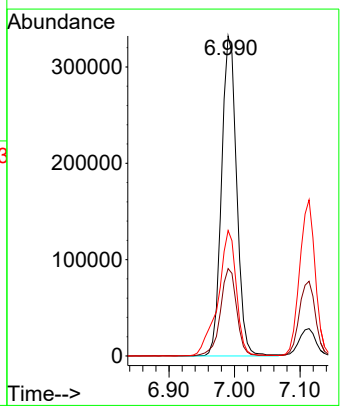


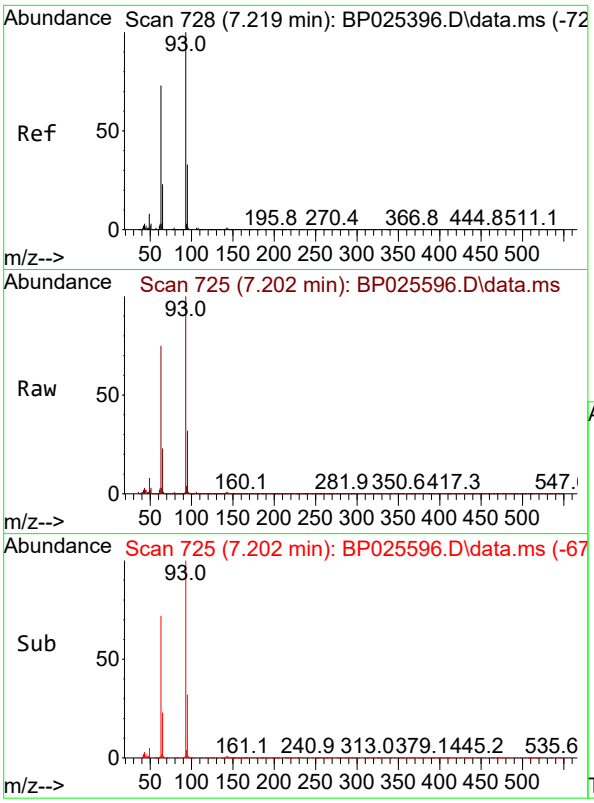


#10
Phenol
Concen: 40.395 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion: 94 Resp: 528849

Ion	Ratio	Lower	Upper
94	100		
65	27.3	6.8	46.8
66	39.2	18.2	58.2



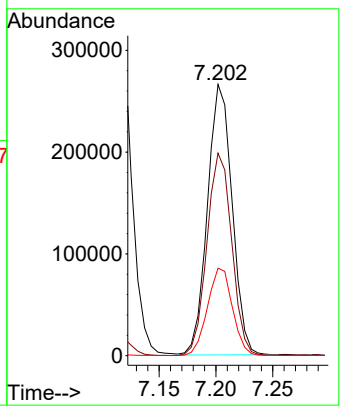


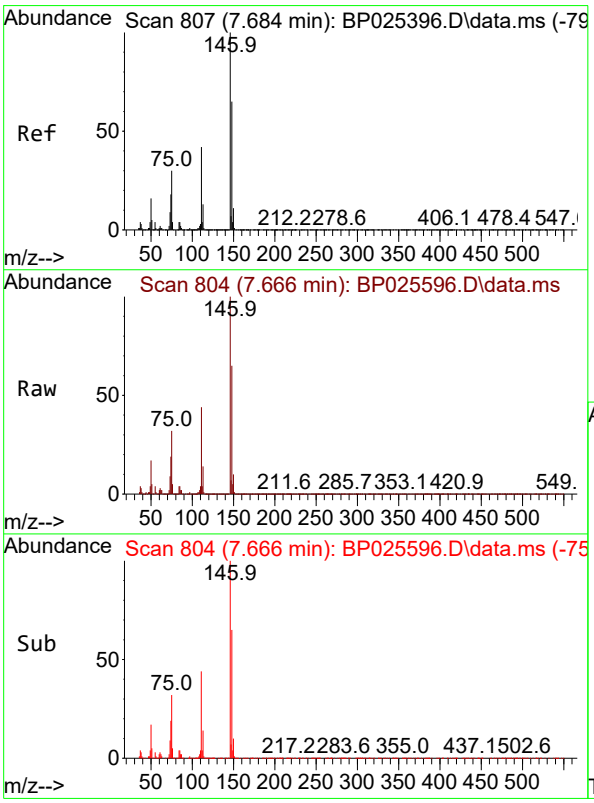
#11
bis(2-Chloroethyl)ether
Concen: 39.351 ng
RT: 7.202 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 401542

Ion	Ratio	Lower	Upper
93	100		
63	74.7	52.6	92.6
95	32.3	12.7	52.7

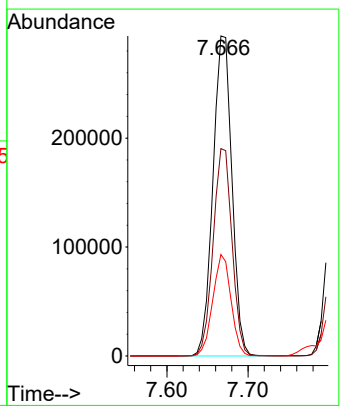


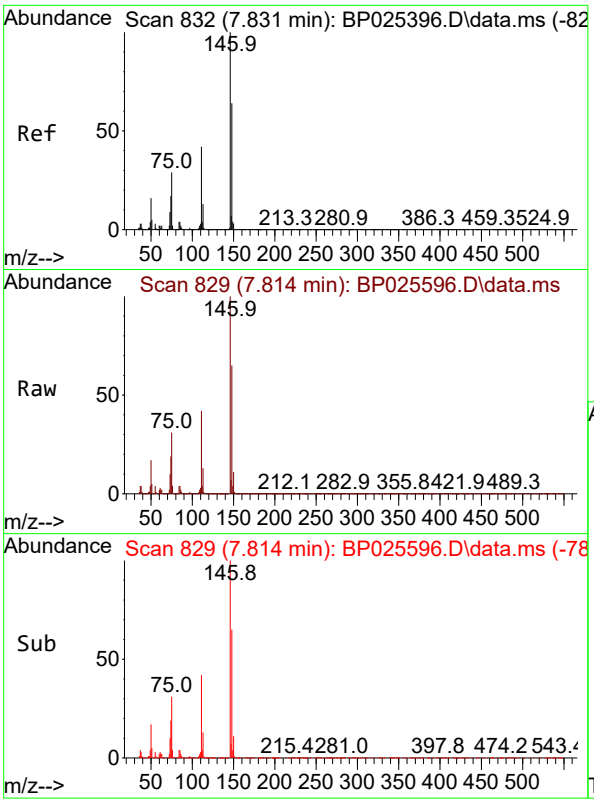


#12
1,3-Dichlorobenzene
Concen: 39.463 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:146 Resp: 477862

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	31.7	23.7	35.5



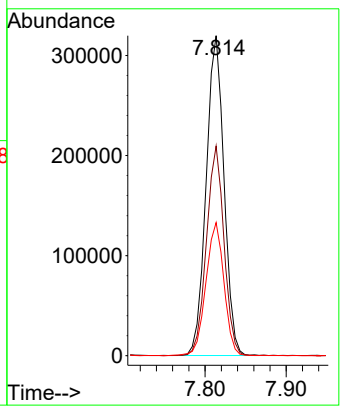


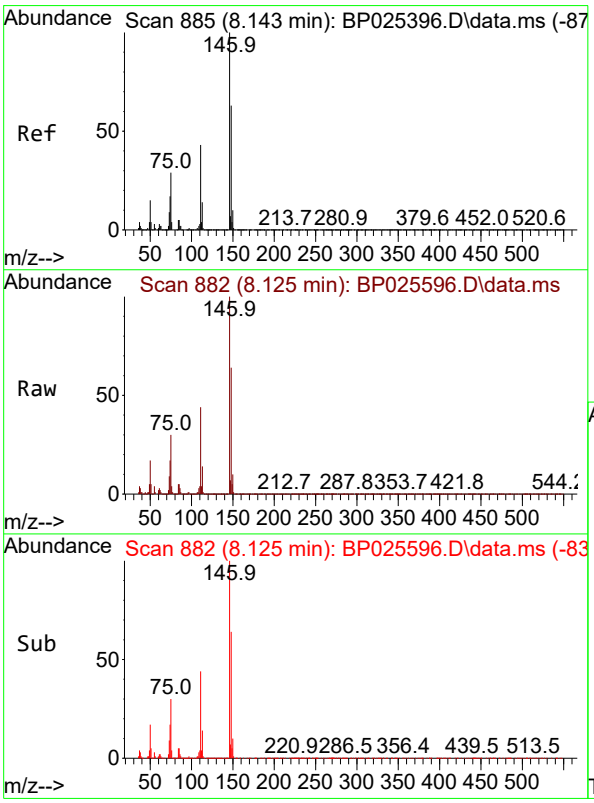
#13
1,4-Dichlorobenzene
Concen: 39.448 ng
RT: 7.814 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 488238

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.6	77.4
111	41.6	33.4	50.0

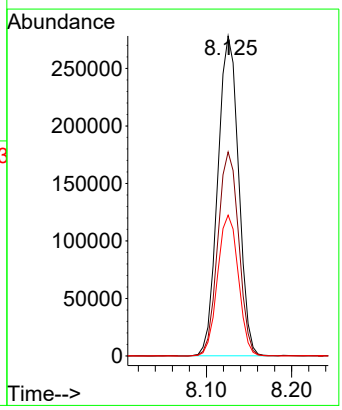


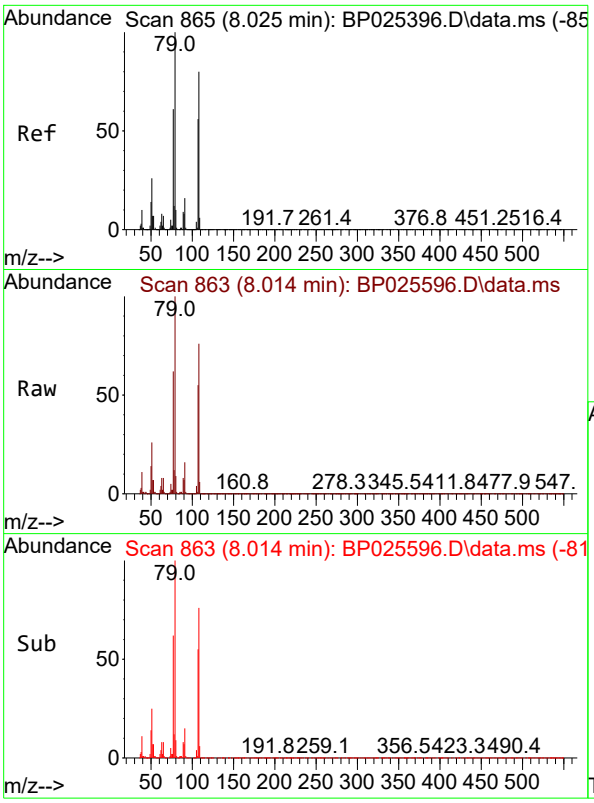


#14
1,2-Dichlorobenzene
Concen: 39.411 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:146 Resp: 472173

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	44.0	34.5	51.7



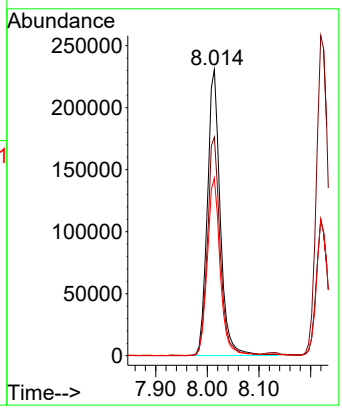


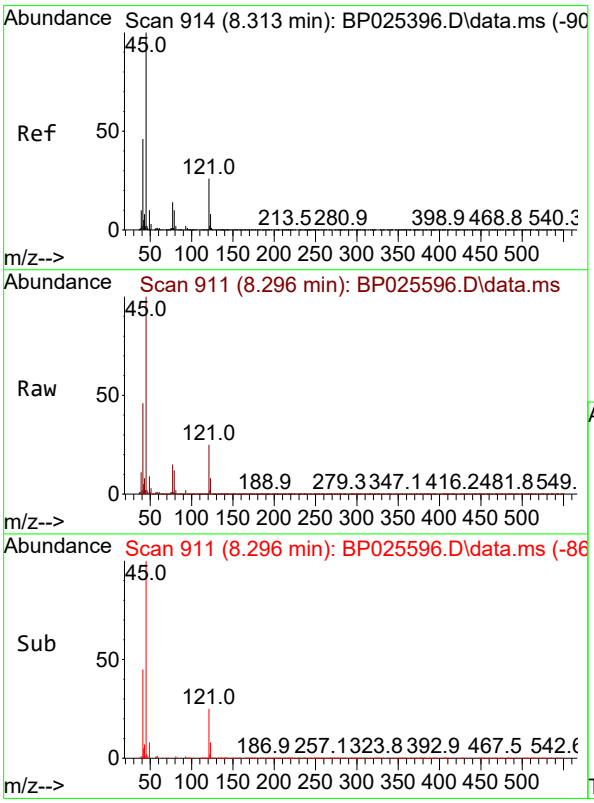
#15
Benzyl Alcohol
Concen: 40.264 ng
RT: 8.014 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 399160

Ion	Ratio	Lower	Upper
79	100		
108	76.4	63.8	95.6
77	62.1	49.0	73.4

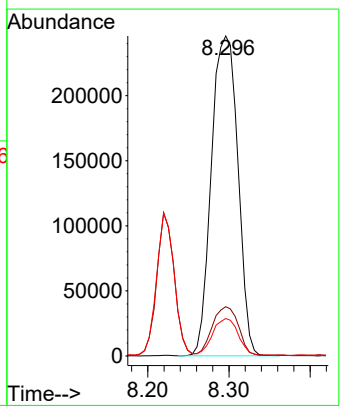


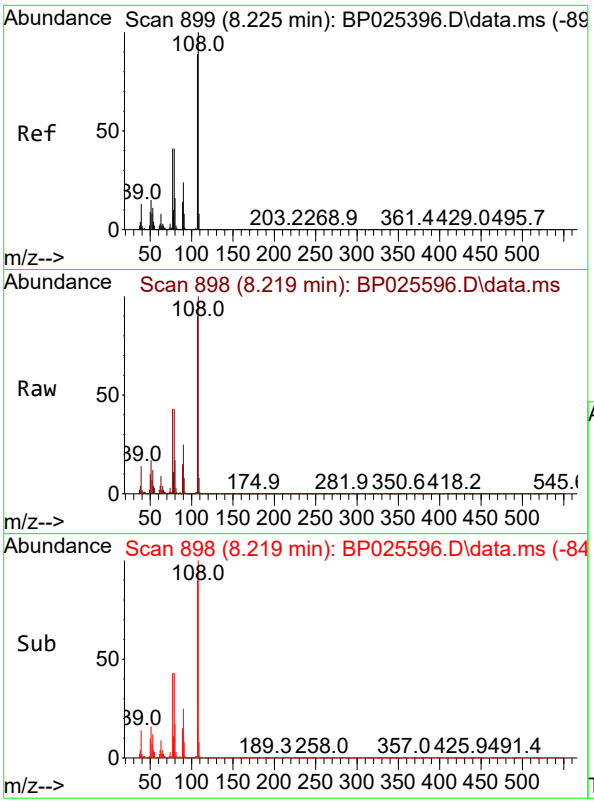


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.735 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion: 45 Resp: 556824

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.3
79	11.7	0.0	31.8



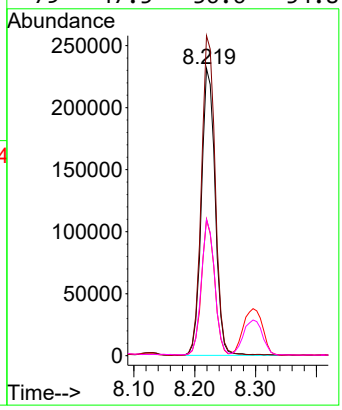


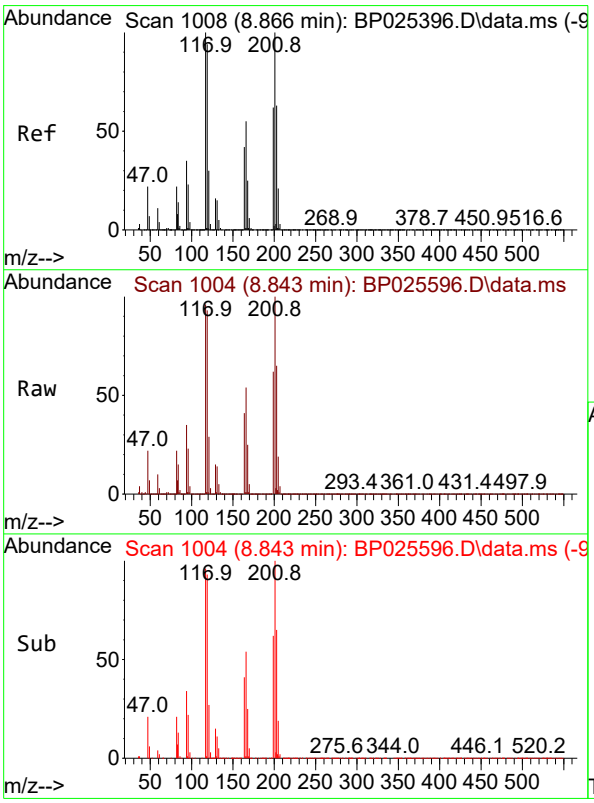
#17
2-Methylphenol
Concen: 40.055 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 364205

Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.4	134.0
77	47.5	36.3	54.5
79	47.5	36.6	54.8

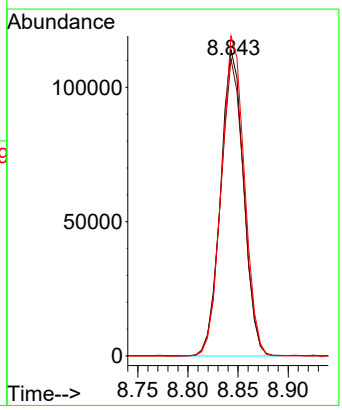


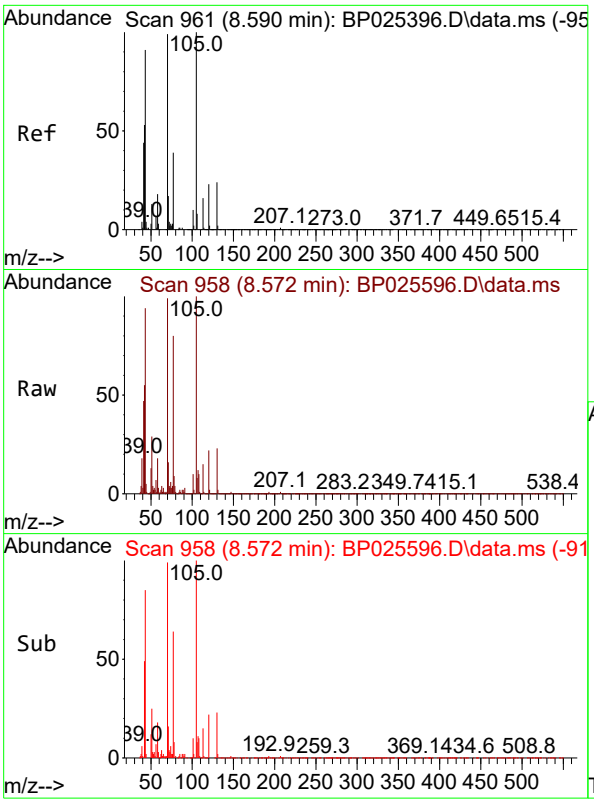


#18
Hexachloroethane
Concen: 39.962 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.023 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:117 Resp: 181852

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.1	112.7
201	104.5	80.1	120.1



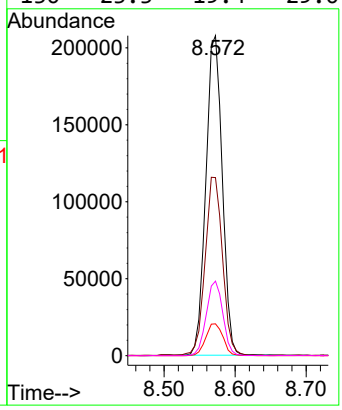


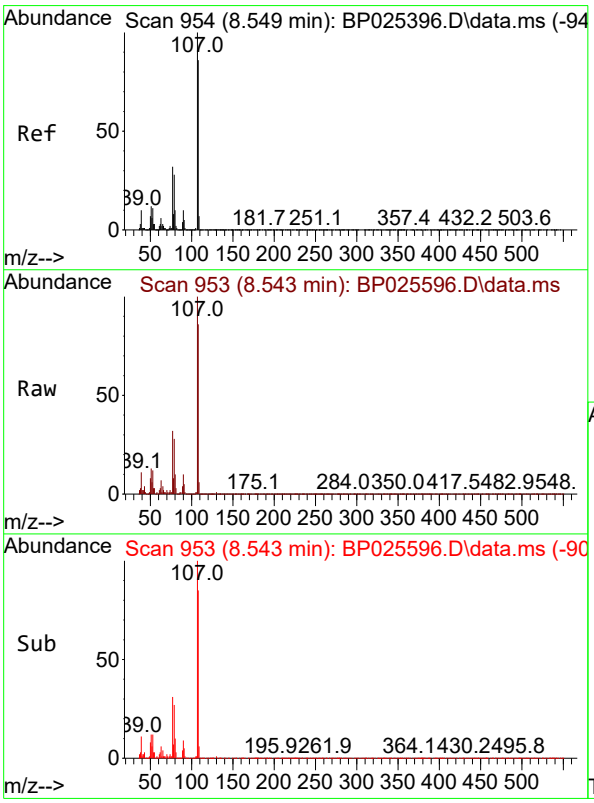
#19
n-Nitroso-di-n-propylamine
Concen: 40.352 ng
RT: 8.572 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 333477

Ion	Ratio	Lower	Upper
70	100		
42	55.6	43.8	65.6
101	10.0	8.5	12.7
130	23.3	19.4	29.0

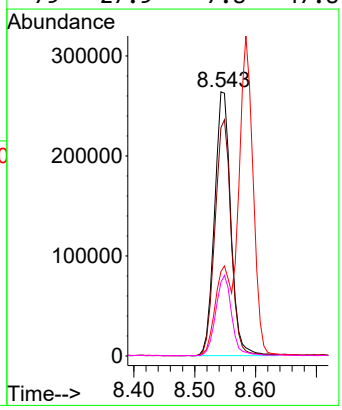


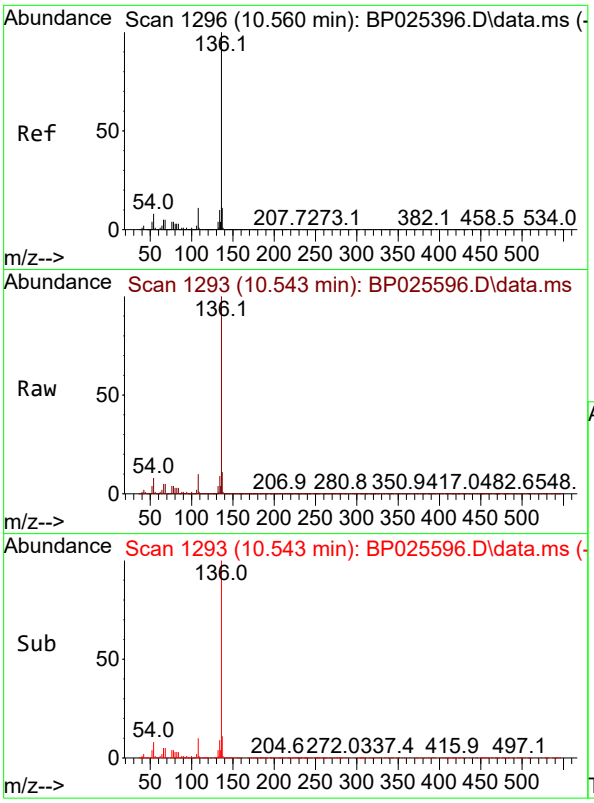


#20
3+4-Methylphenols
Concen: 38.796 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:107 Resp: 488967

Ion	Ratio	Lower	Upper
107	100		
108	86.3	66.3	106.3
77	31.9	12.3	52.3
79	27.9	7.8	47.8



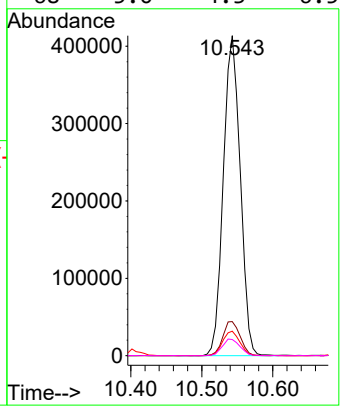


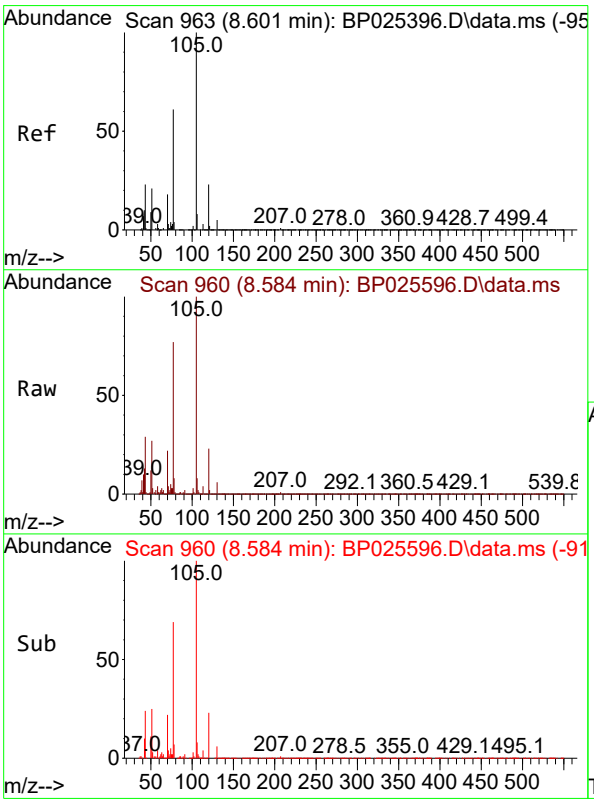
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 681785

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.7	6.0	9.0
68	5.0	4.3	6.5

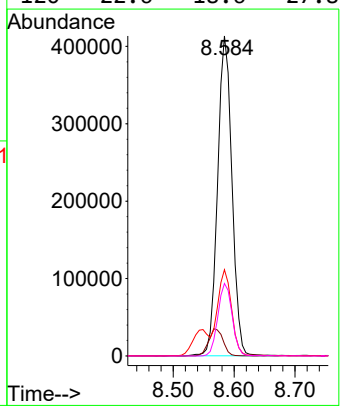


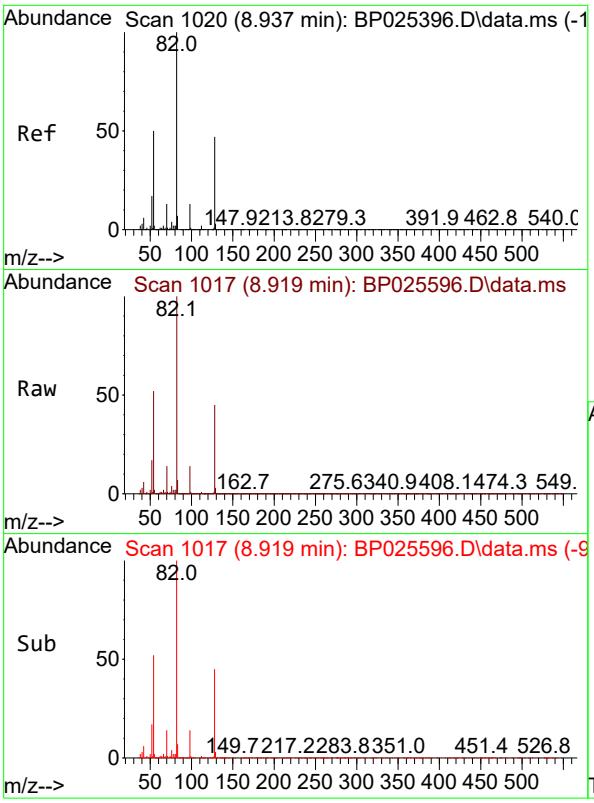


#22
Acetophenone
Concen: 39.578 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:105 Resp: 676704

Ion	Ratio	Lower	Upper
105	100		
71	3.7	2.6	4.0
51	27.0	20.6	30.8
120	22.6	18.6	27.8



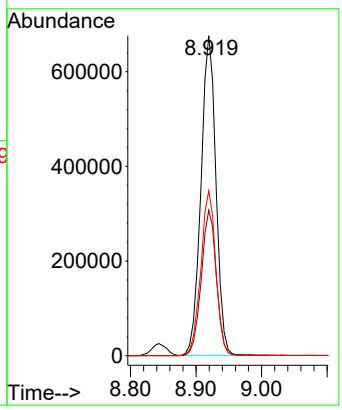


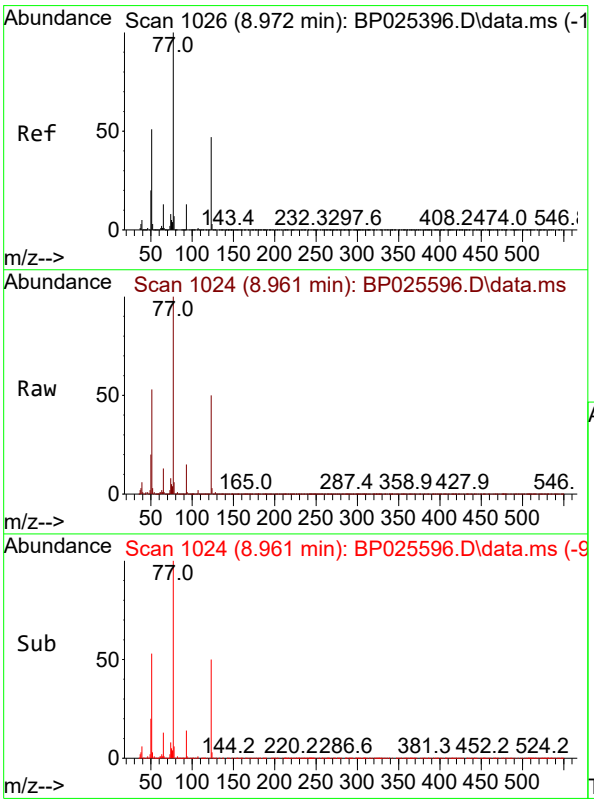
#23
Nitrobenzene-d5
Concen: 79.850 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1076213

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	51.5	39.8	59.6

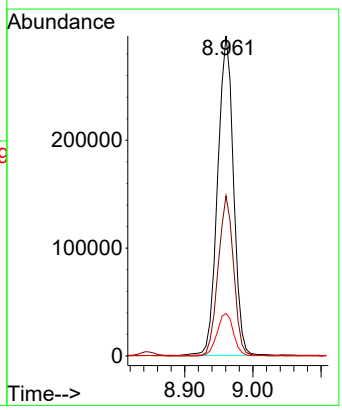


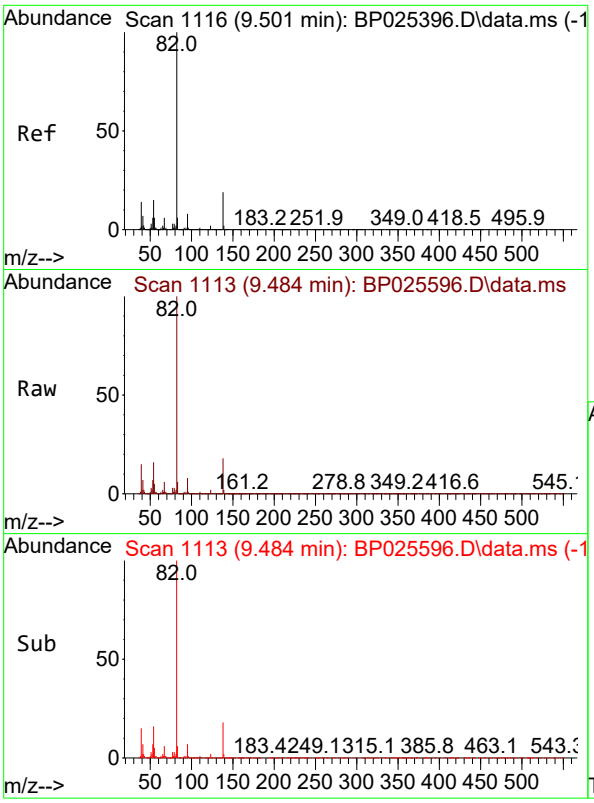


#24
Nitrobenzene
Concen: 39.829 ng
RT: 8.961 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion: 77 Resp: 479758

Ion	Ratio	Lower	Upper
77	100		
123	50.1	38.6	58.0
65	13.3	10.6	15.8



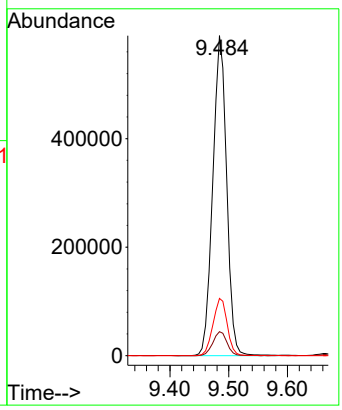


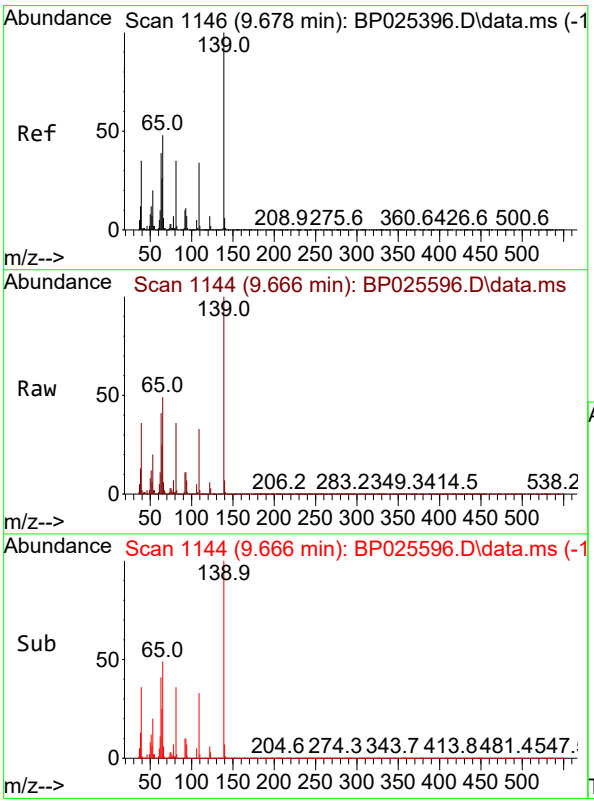
#25
Isophorone
Concen: 40.465 ng
RT: 9.484 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 965178

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.4	9.6
138	17.9	15.4	23.0

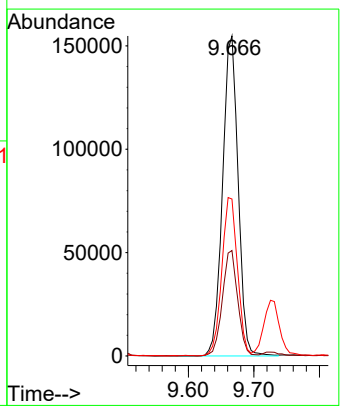


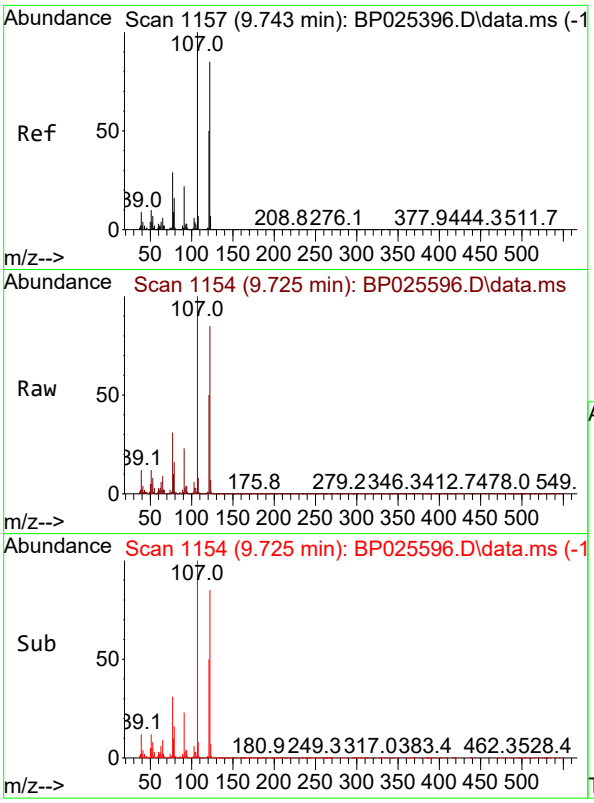


#26
2-Nitrophenol
Concen: 41.159 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:139 Resp: 254434

Ion	Ratio	Lower	Upper
139	100		
109	32.9	26.9	40.3
65	49.0	38.3	57.5



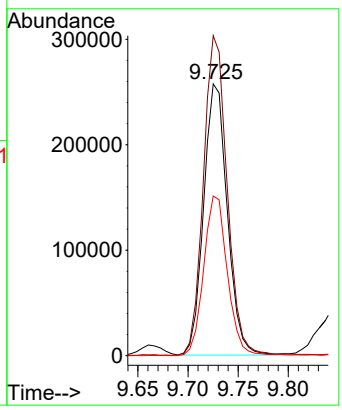


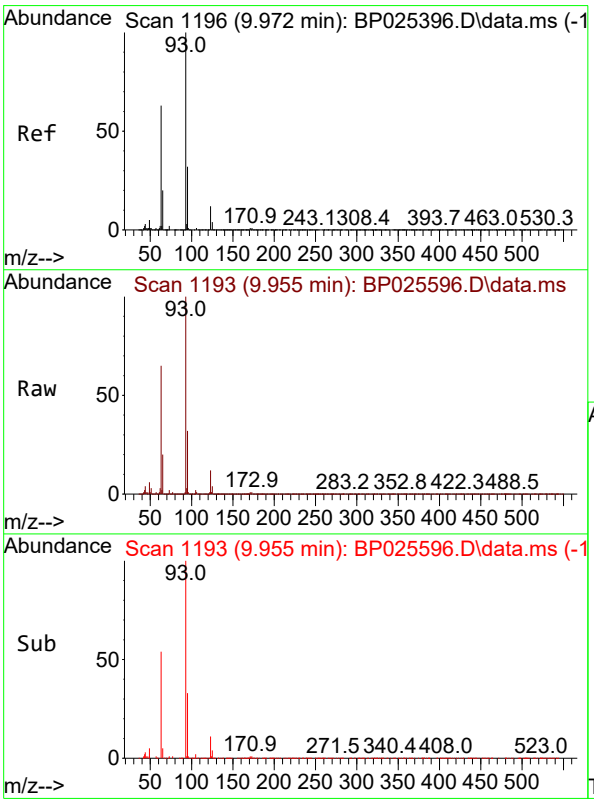
#27
2,4-Dimethylphenol
Concen: 39.733 ng
RT: 9.725 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 422400

Ion	Ratio	Lower	Upper
122	100		
107	117.7	93.7	140.5
121	58.8	46.6	69.8

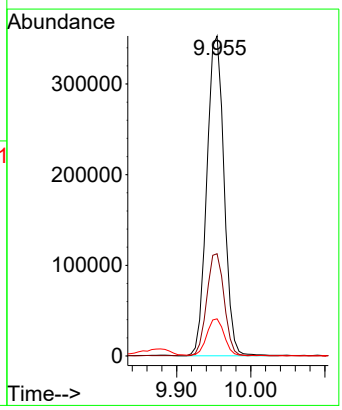


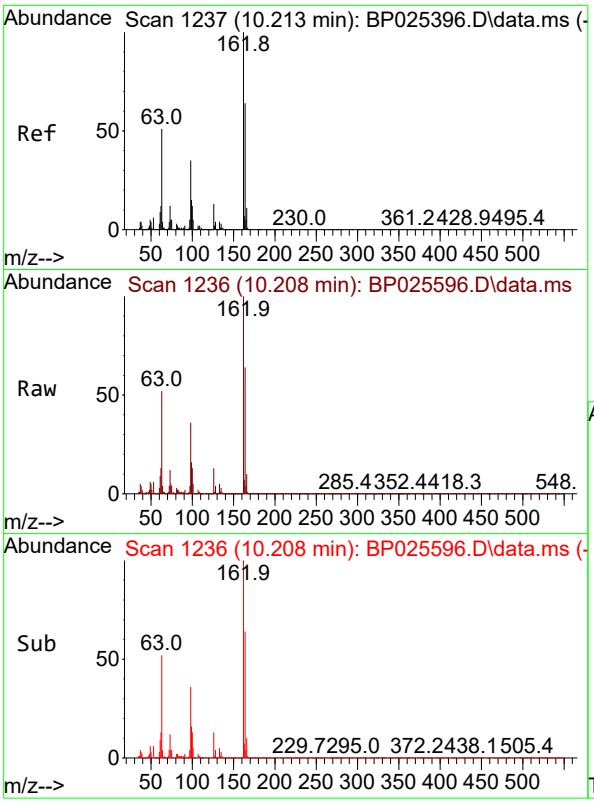


#28
bis(2-Chloroethoxy)methane
Concen: 39.429 ng
RT: 9.955 min Scan# 1193
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion: 93 Resp: 568496

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.4	38.0
123	11.6	9.4	14.0



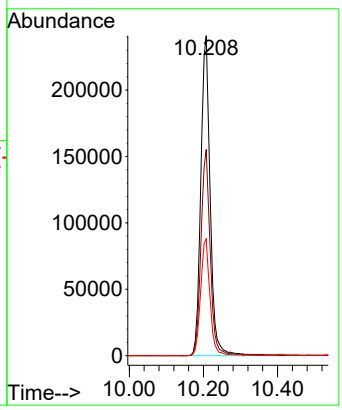


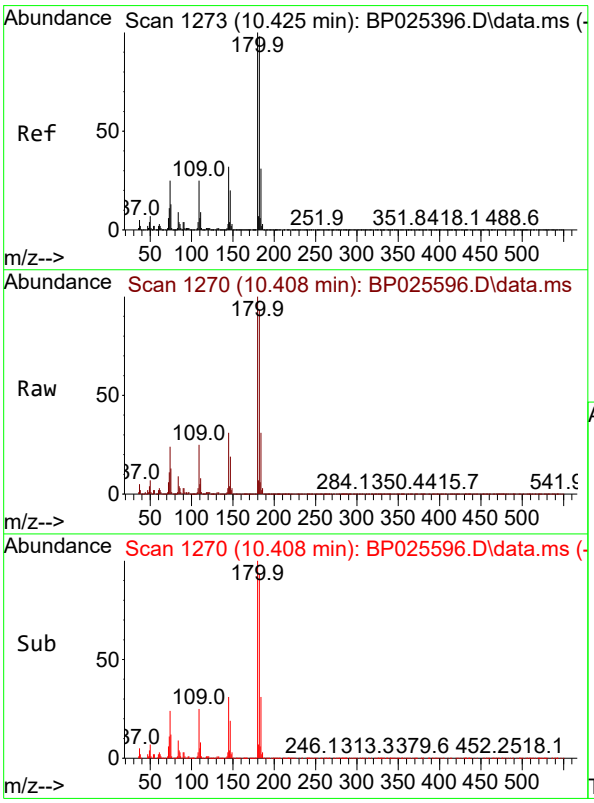
#29
2,4-Dichlorophenol
Concen: 40.026 ng
RT: 10.208 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 422695

Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.4	84.4
98	36.5	14.9	54.9

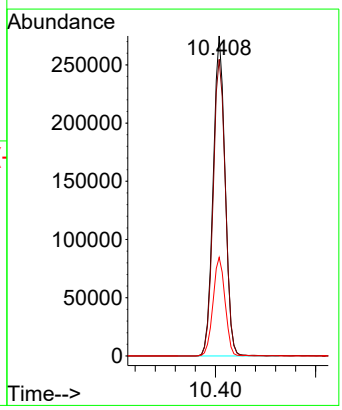


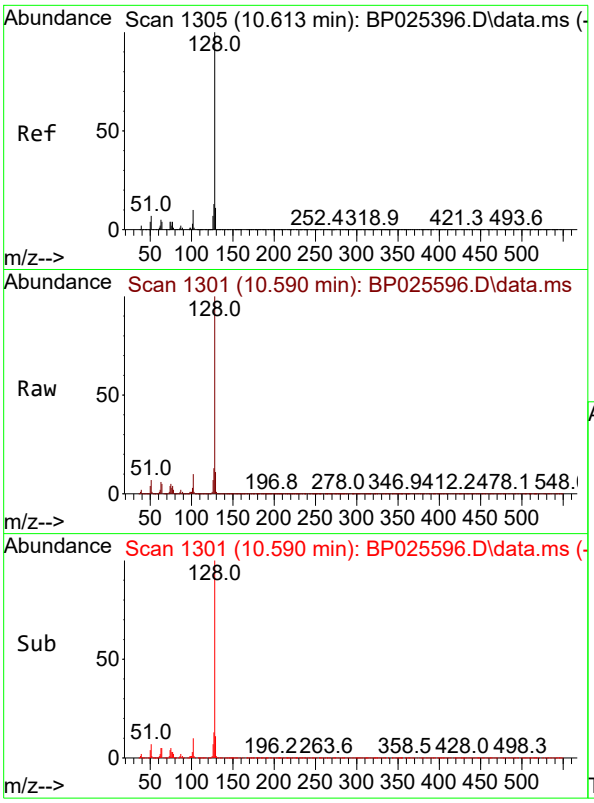


#30
1,2,4-Trichlorobenzene
Concen: 39.108 ng
RT: 10.408 min Scan# 1270
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:180 Resp: 452737

Ion	Ratio	Lower	Upper
180	100		
182	92.7	78.0	117.0
145	30.8	25.9	38.9



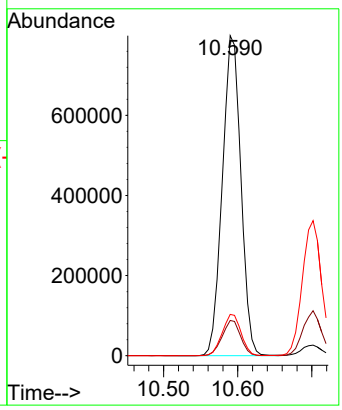


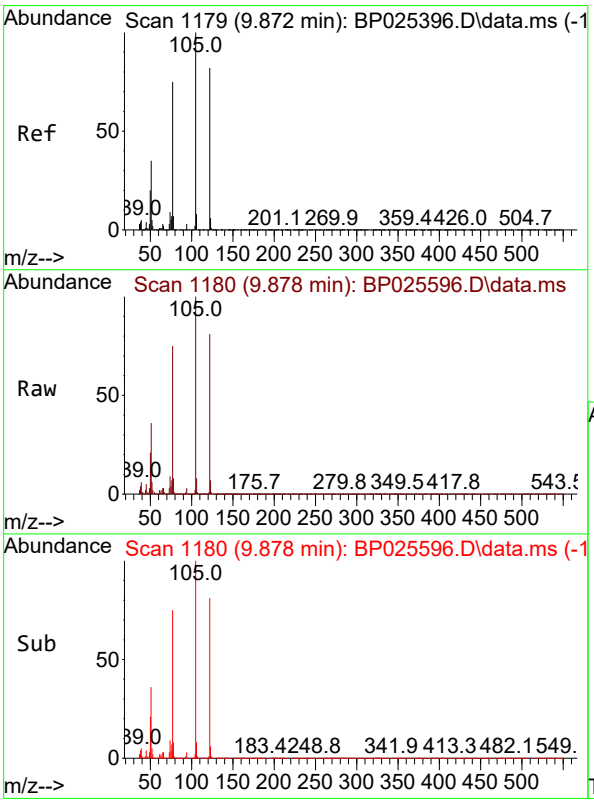
#31
Naphthalene
Concen: 39.174 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1388192

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.9	10.7	16.1

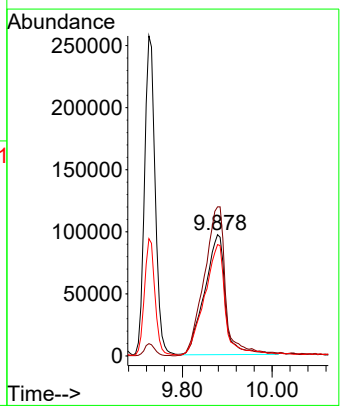


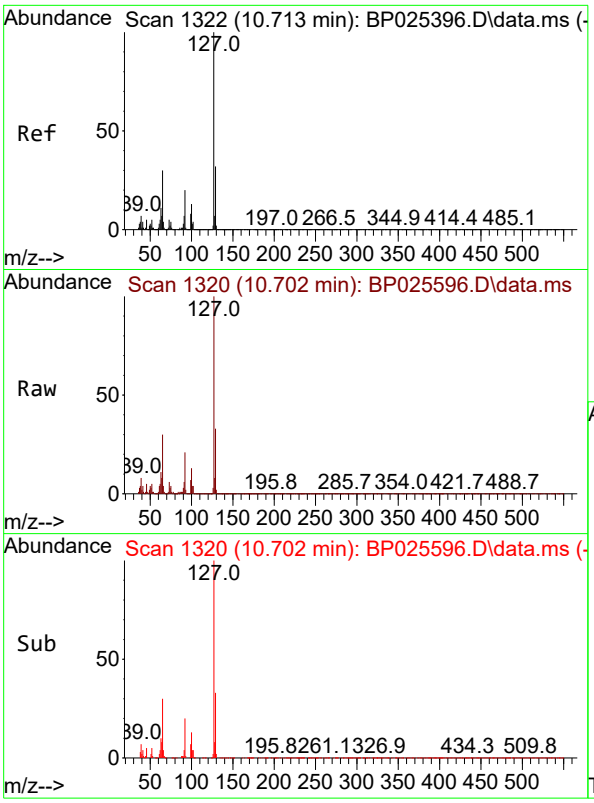


#32
Benzoic acid
Concen: 39.533 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:122 Resp: 310275

Ion	Ratio	Lower	Upper
122	100		
105	122.9	100.6	140.6
77	91.8	71.5	111.5



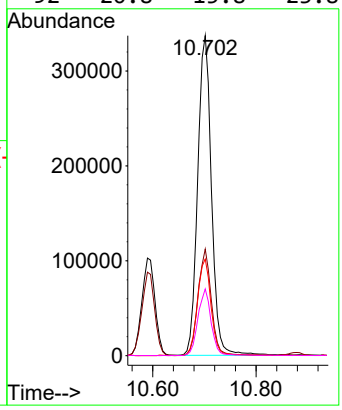


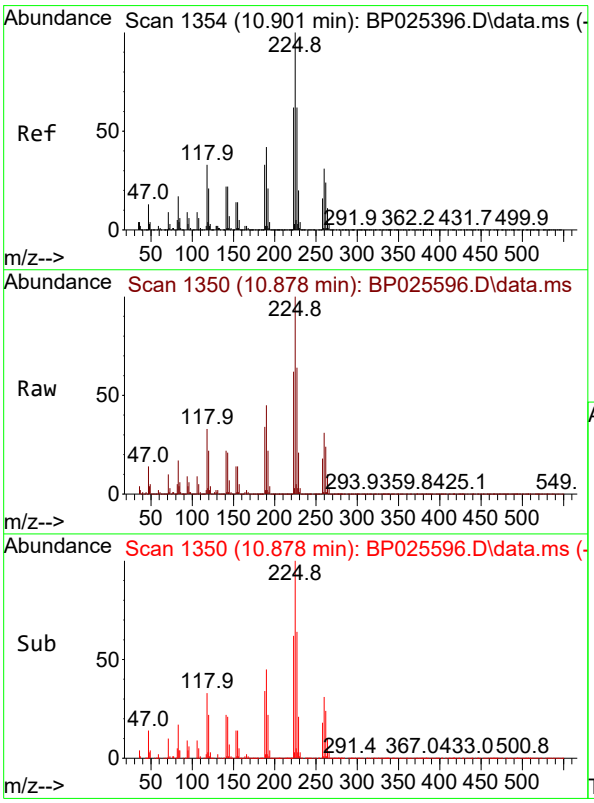
#33
4-Chloroaniline
Concen: 39.937 ng
RT: 10.702 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 625135

Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.4	38.2
65	30.2	23.8	35.6
92	20.8	15.8	23.8

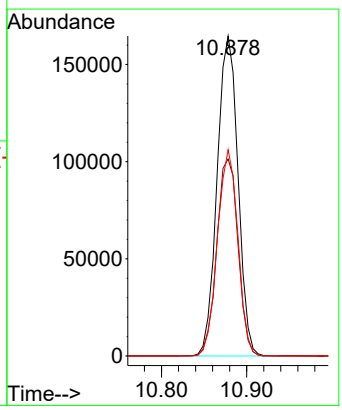


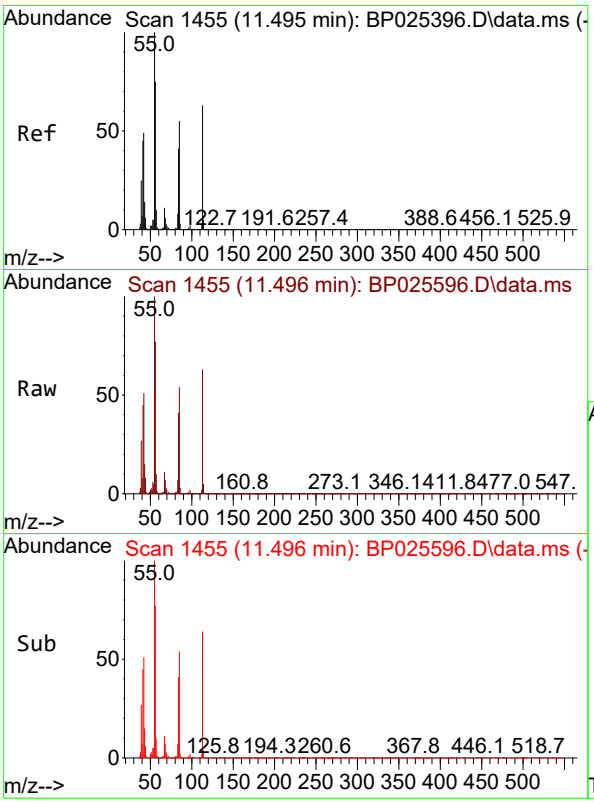


#34
Hexachlorobutadiene
Concen: 38.868 ng
RT: 10.878 min Scan# 1350
Delta R.T. -0.023 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:225 Resp: 280228

Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.0	75.0
227	64.4	49.7	74.5



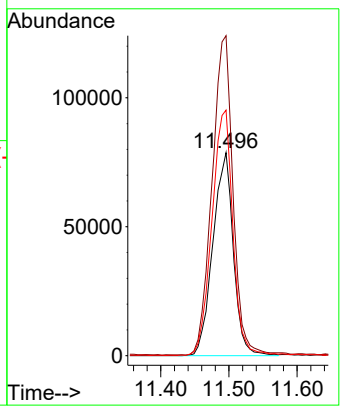


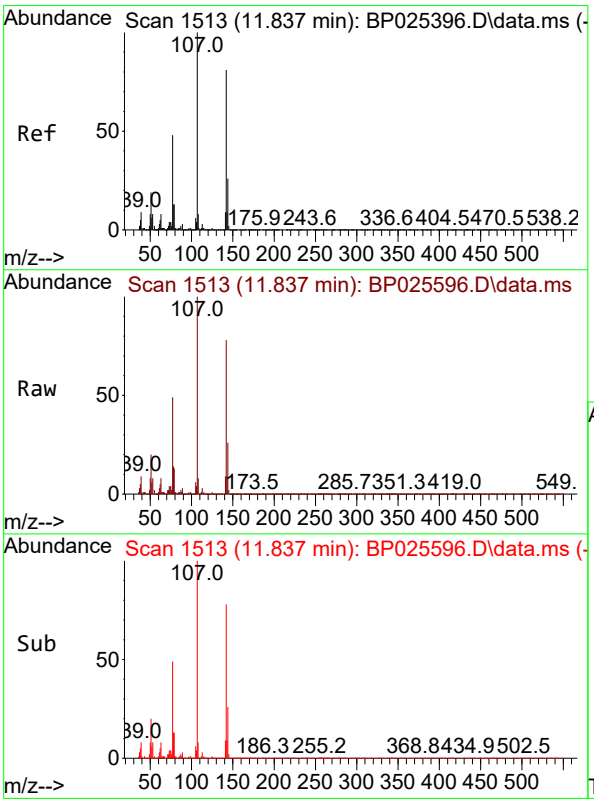
#35
Caprolactam
Concen: 42.433 ng
RT: 11.496 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 164315

Ion	Ratio	Lower	Upper
113	100		
55	157.6	140.0	180.0
56	120.9	100.0	140.0

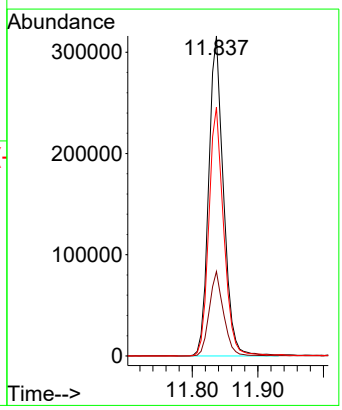


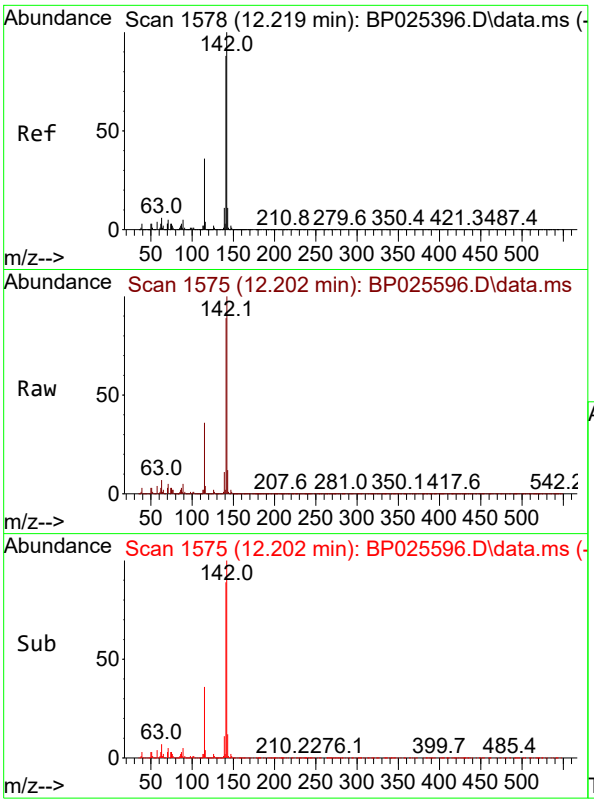


#36
4-Chloro-3-methylphenol
Concen: 40.805 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:107 Resp: 494469

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.0	31.4
142	77.7	64.6	97.0



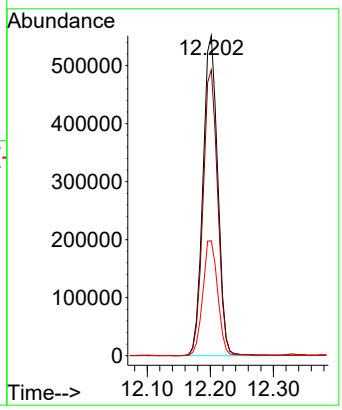


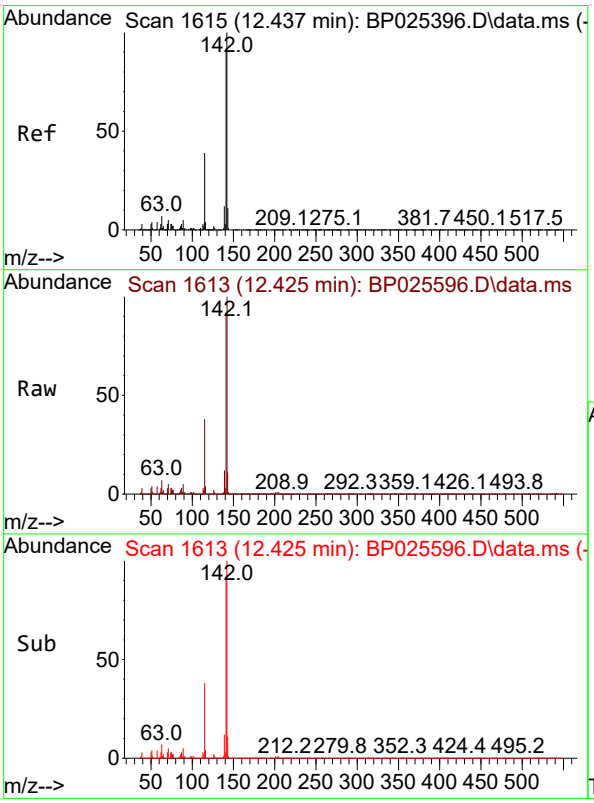
#37
2-Methylnaphthalene
Concen: 38.853 ng
RT: 12.202 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 895986

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	35.9	28.9	43.3

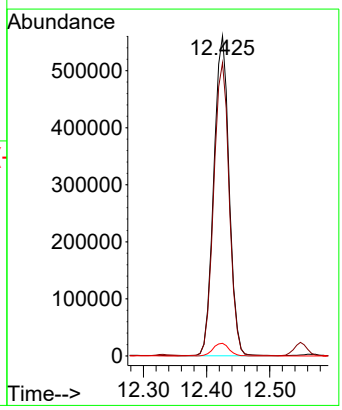


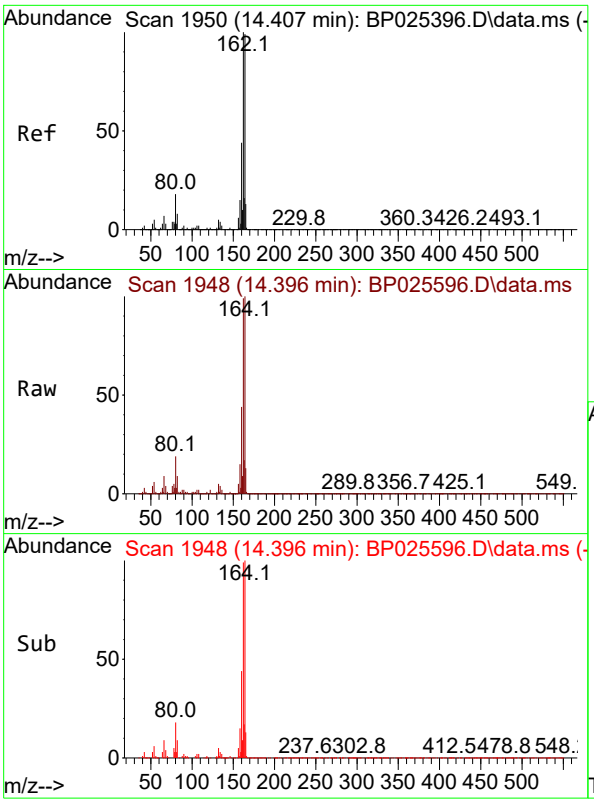


#38
1-Methylnaphthalene
Concen: 38.444 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:142 Resp: 942809

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.1	109.7
116	4.0	3.2	4.8



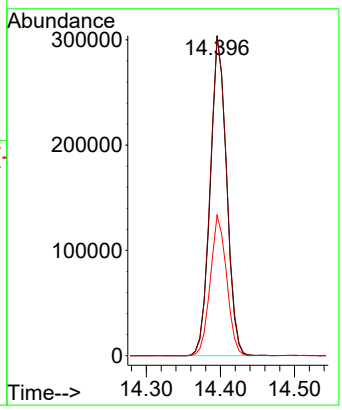


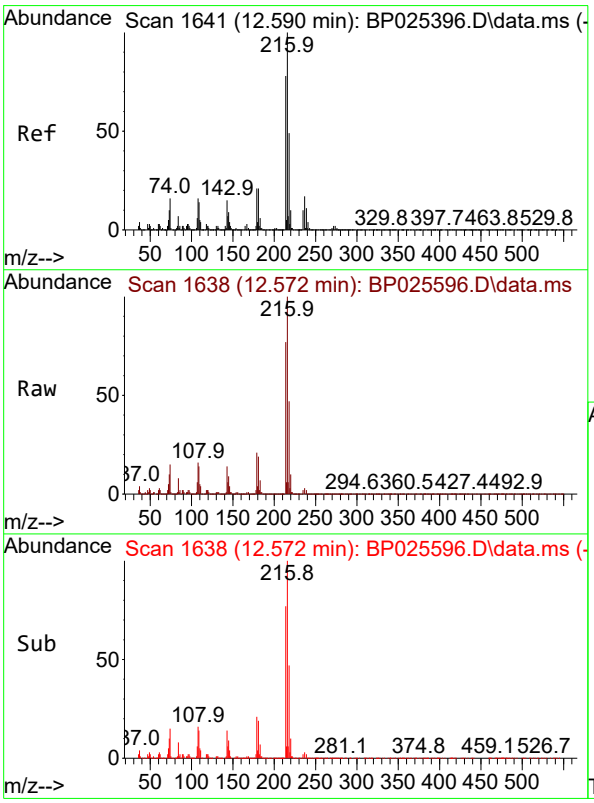
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 463868

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.0	121.6
160	43.9	35.4	53.2

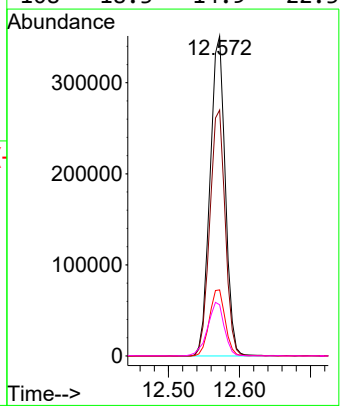


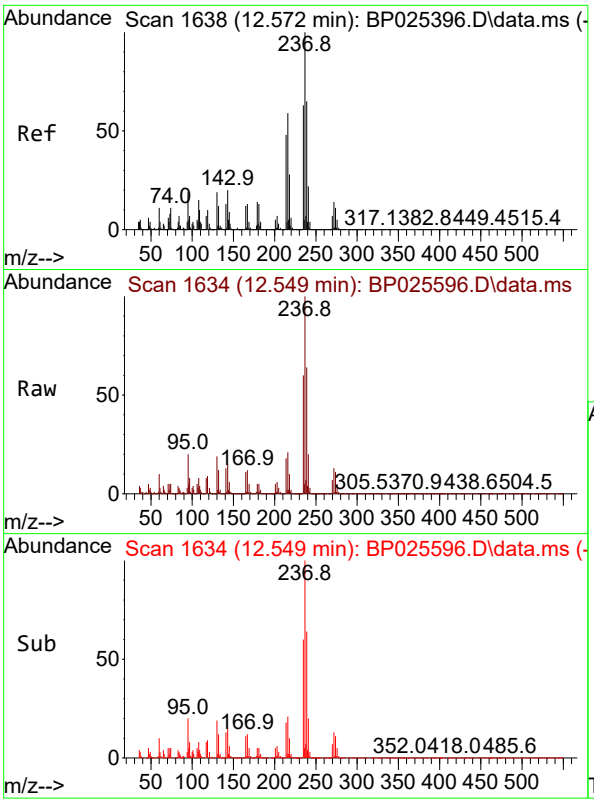


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.126 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:216 Resp: 524176

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	21.4	17.1	25.7
108	18.3	14.9	22.3



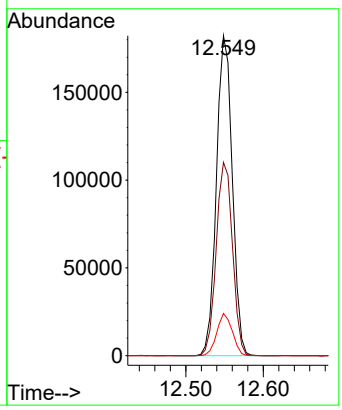


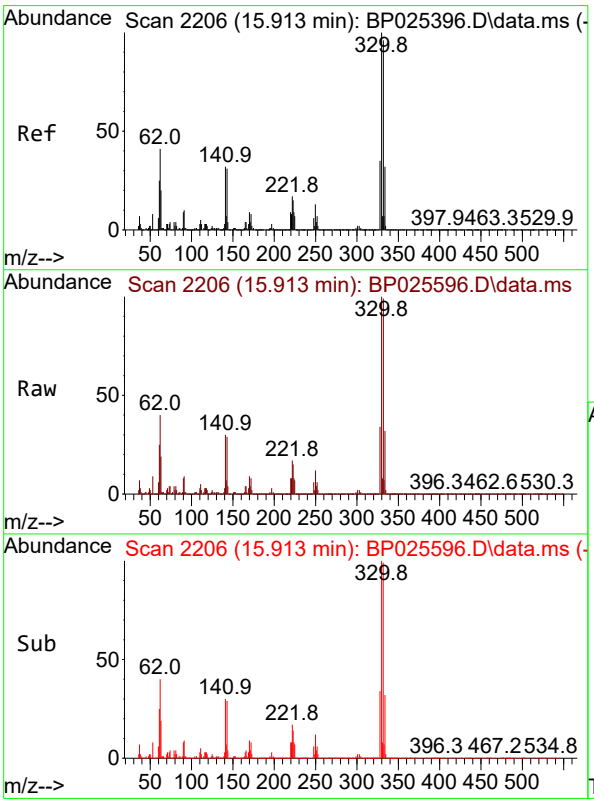
#41
Hexachlorocyclopentadiene
Concen: 32.135 ng
RT: 12.549 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 260051

Ion	Ratio	Lower	Upper
237	100		
235	60.4	42.7	82.7
272	13.2	0.0	34.0

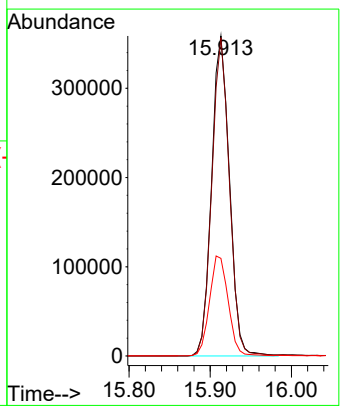


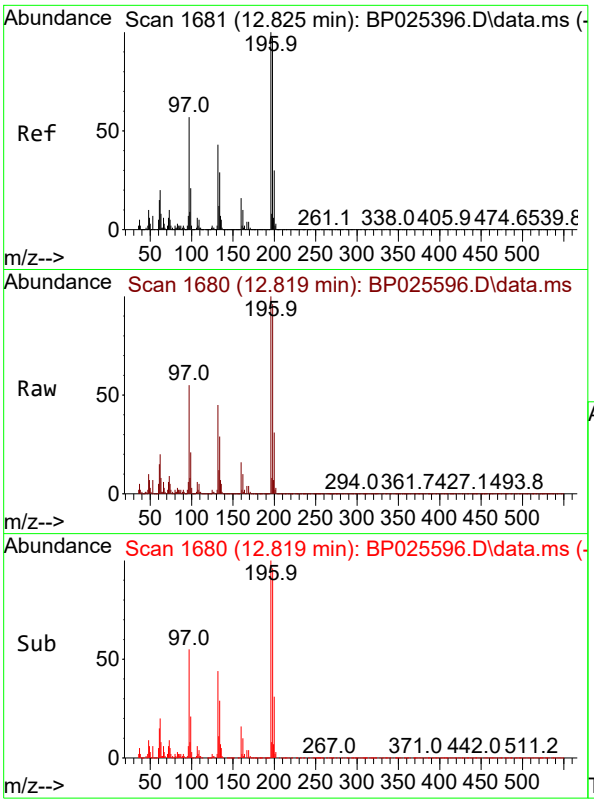


#42
2,4,6-Tribromophenol
Concen: 88.074 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:330 Resp: 549909

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	32.6	26.6	39.8



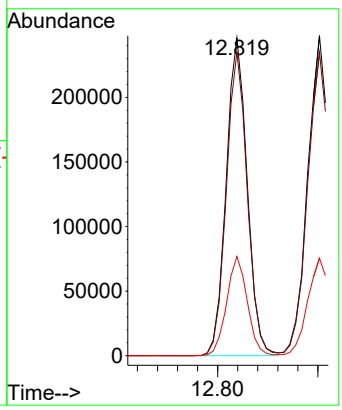


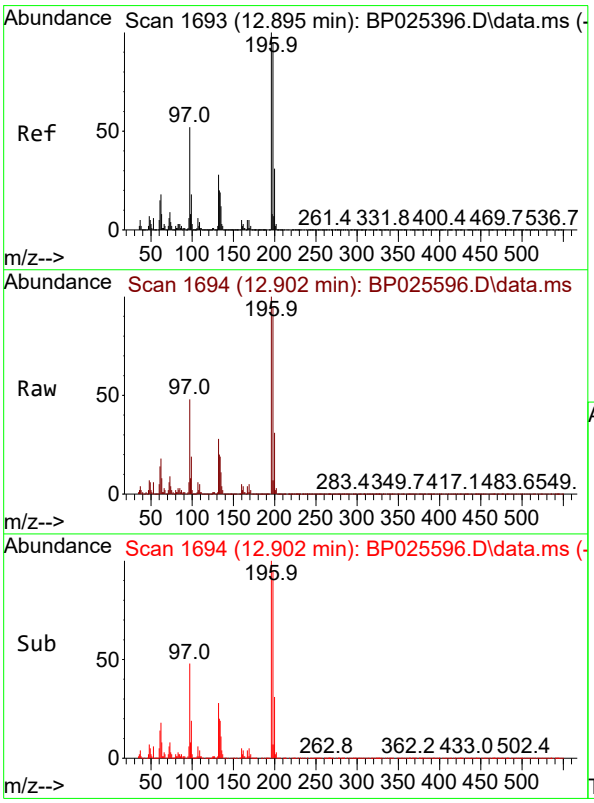
#43
2,4,6-Trichlorophenol
Concen: 39.534 ng
RT: 12.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 357566

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.2	115.8
200	31.2	23.9	35.9

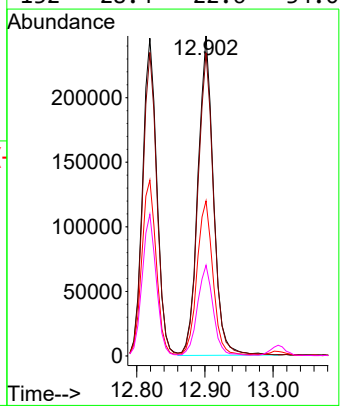


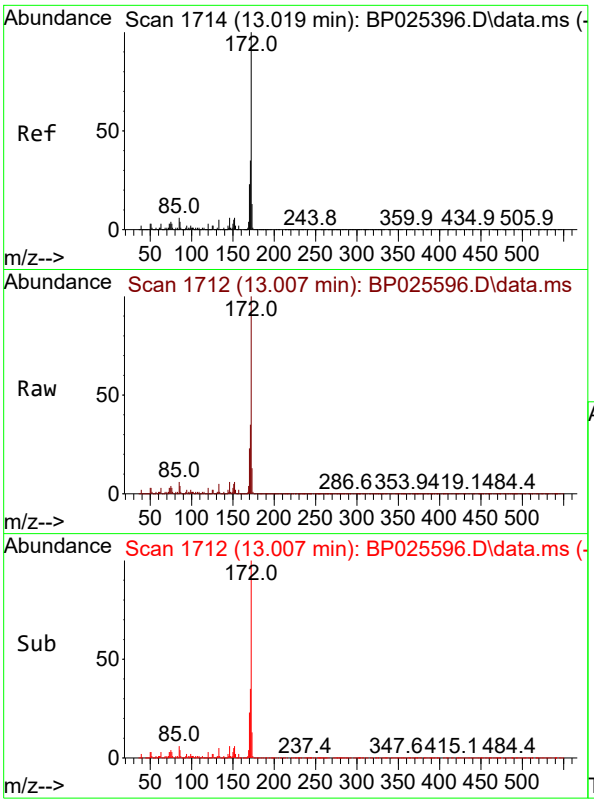


#44
2,4,5-Trichlorophenol
Concen: 39.644 ng
RT: 12.902 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:196 Resp: 392969

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.2
97	48.5	41.2	61.8
132	28.4	22.6	34.0



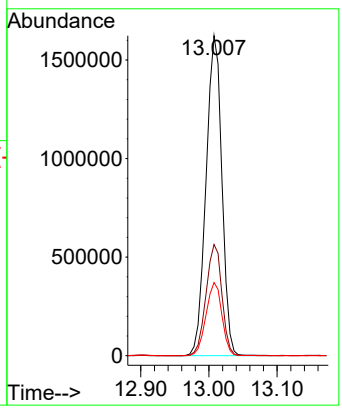


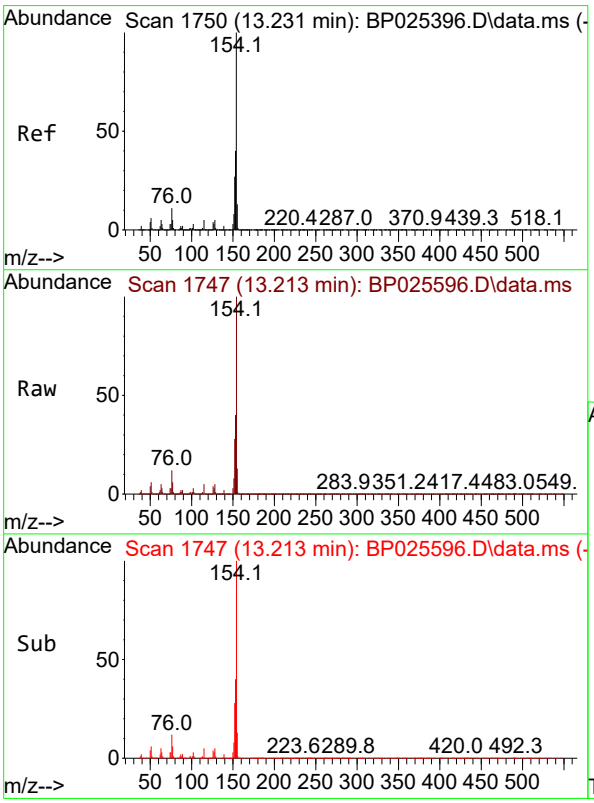
#45
2-Fluorobiphenyl
Concen: 77.334 ng
RT: 13.007 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2624819

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	22.9	18.6	28.0

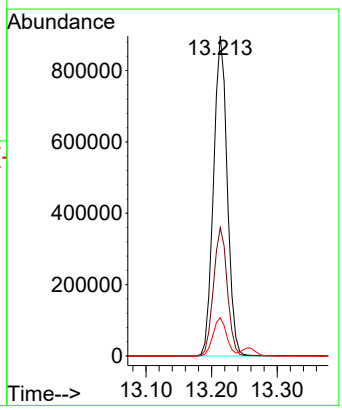


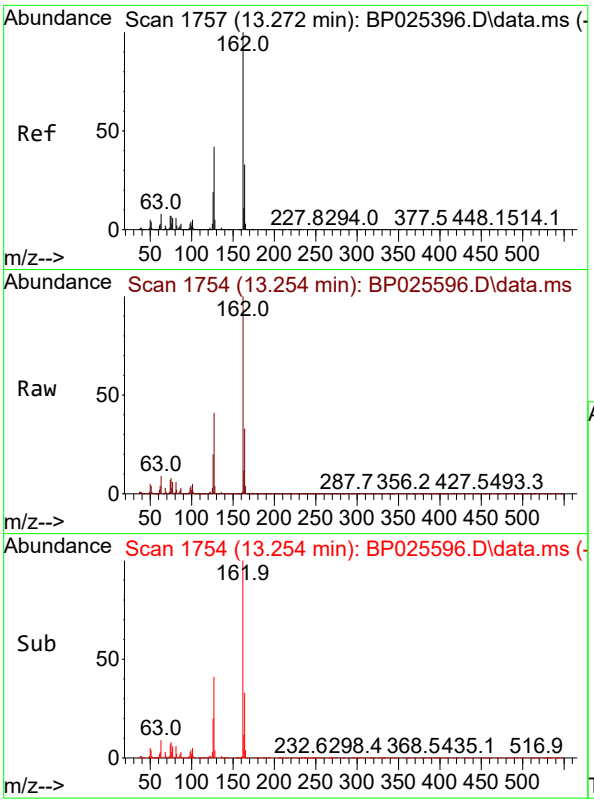


#46
1,1'-Biphenyl
Concen: 38.565 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:154 Resp: 1299218

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.5	59.5
76	11.9	0.0	31.1



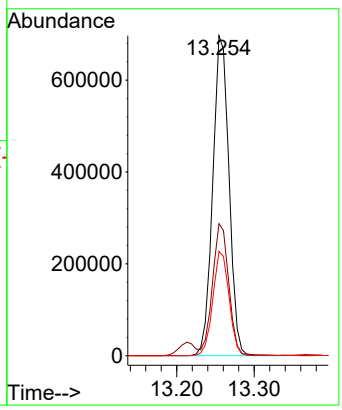


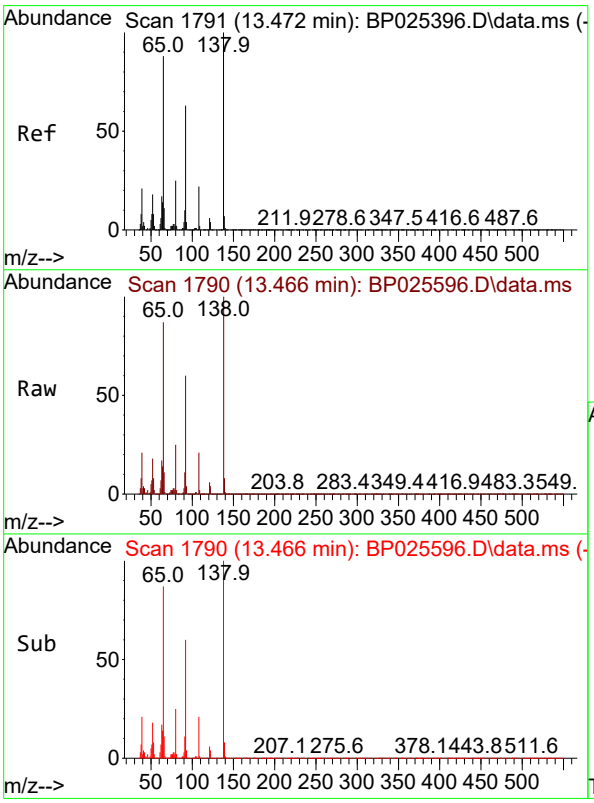
#47
2-Chloronaphthalene
Concen: 38.712 ng
RT: 13.254 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1015269

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	32.6	26.2	39.2

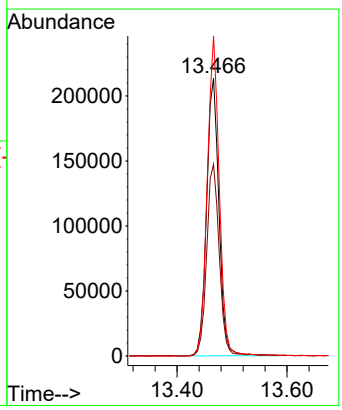


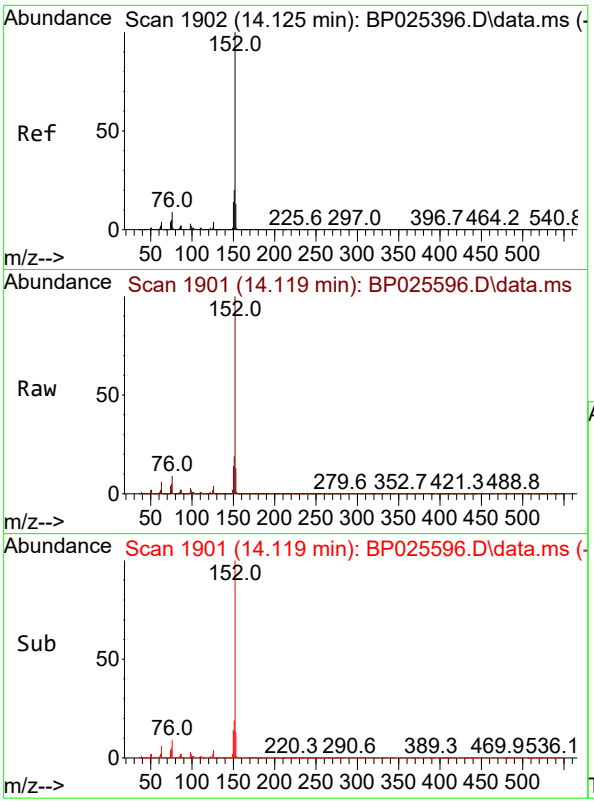


#48
2-Nitroaniline
Concen: 43.663 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion: 65 Resp: 333661

Ion	Ratio	Lower	Upper
65	100		
92	69.0	57.6	86.4
138	115.1	91.0	136.6



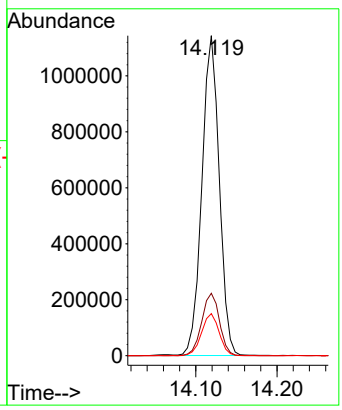


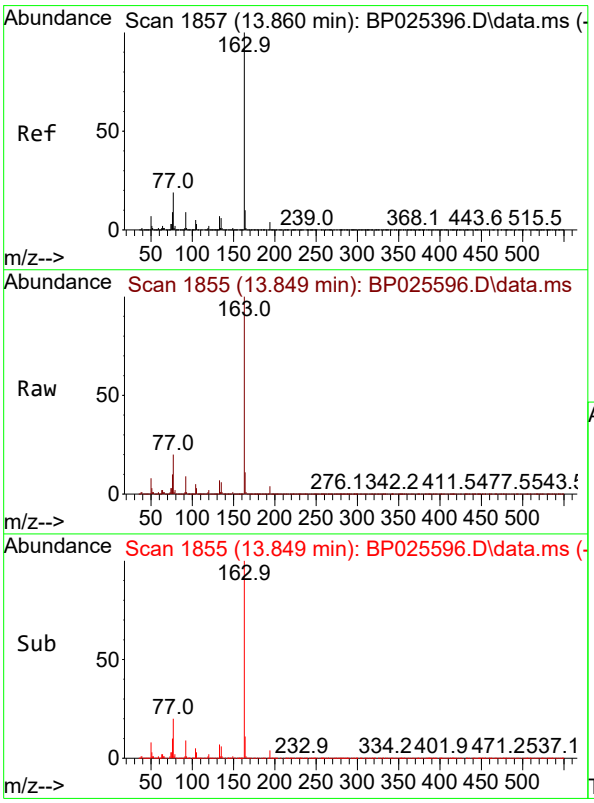
#49
Acenaphthylene
Concen: 39.053 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1694793

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	13.1	10.6	15.8

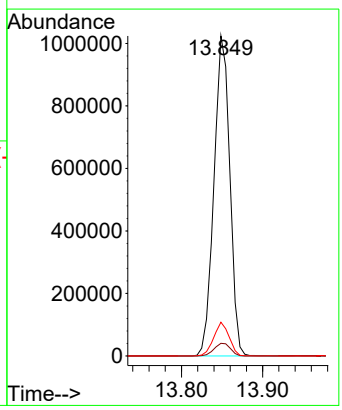


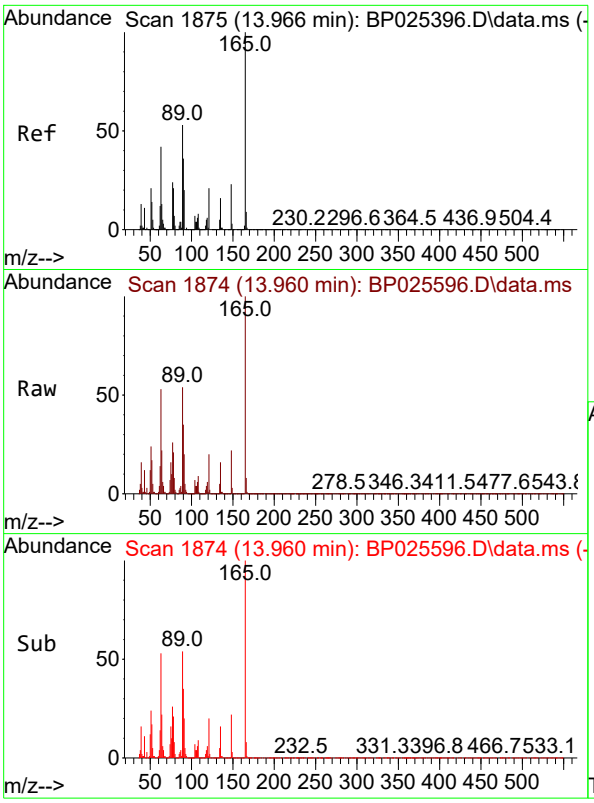


#50
Dimethylphthalate
Concen: 40.927 ng
RT: 13.849 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:163 Resp: 1390228

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.6	7.9	11.9



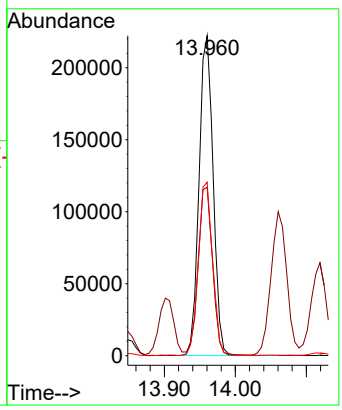


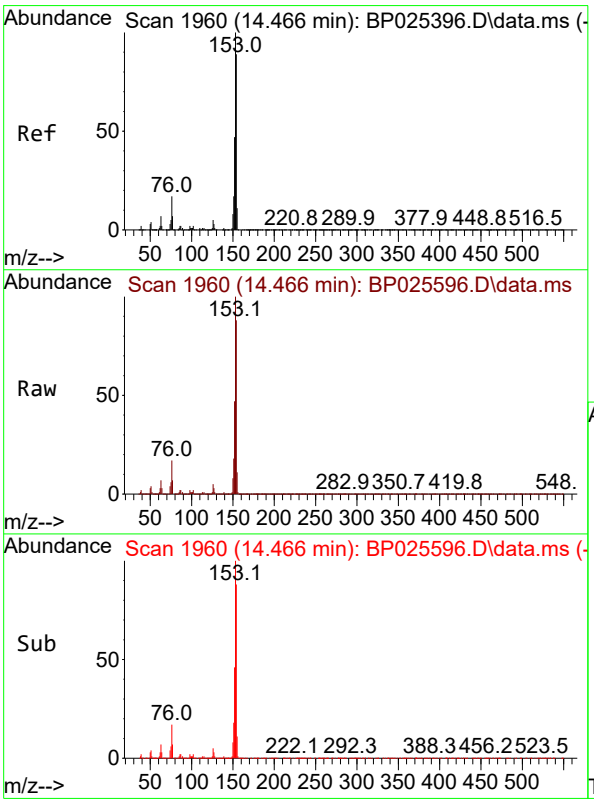
#51
2,6-Dinitrotoluene
Concen: 42.909 ng
RT: 13.960 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 307211

Ion	Ratio	Lower	Upper
165	100		
63	52.6	40.9	61.3
89	54.2	42.1	63.1

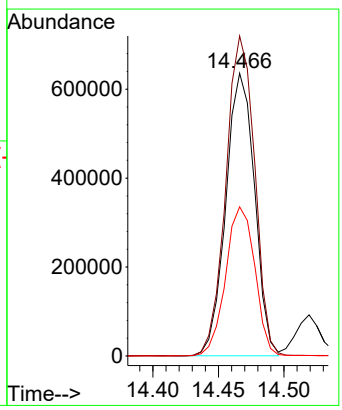


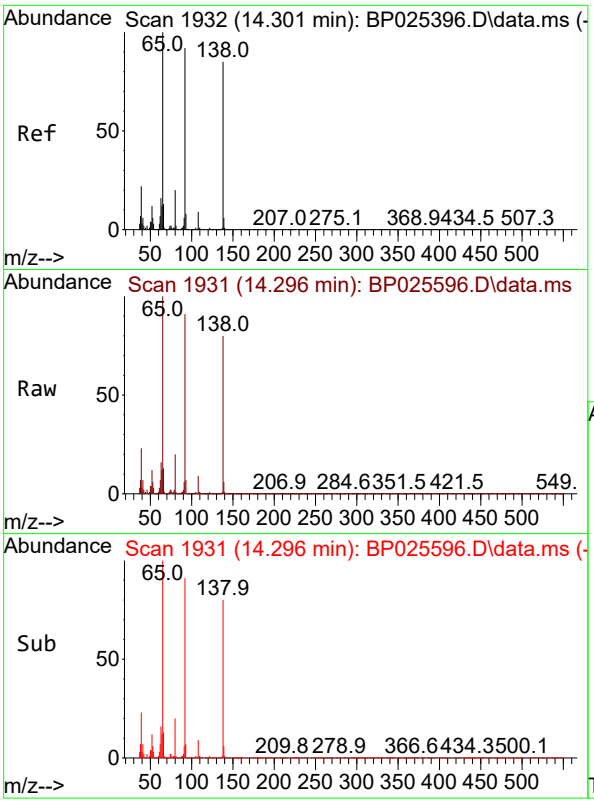


#52
Acenaphthene
Concen: 38.097 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:154 Resp: 970444

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.2	135.2
152	52.8	42.1	63.1



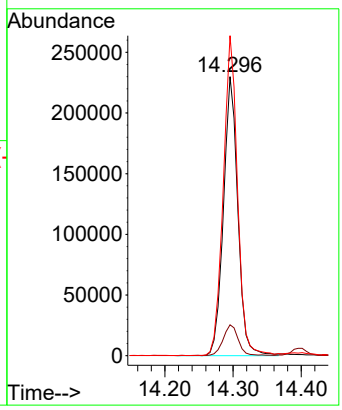


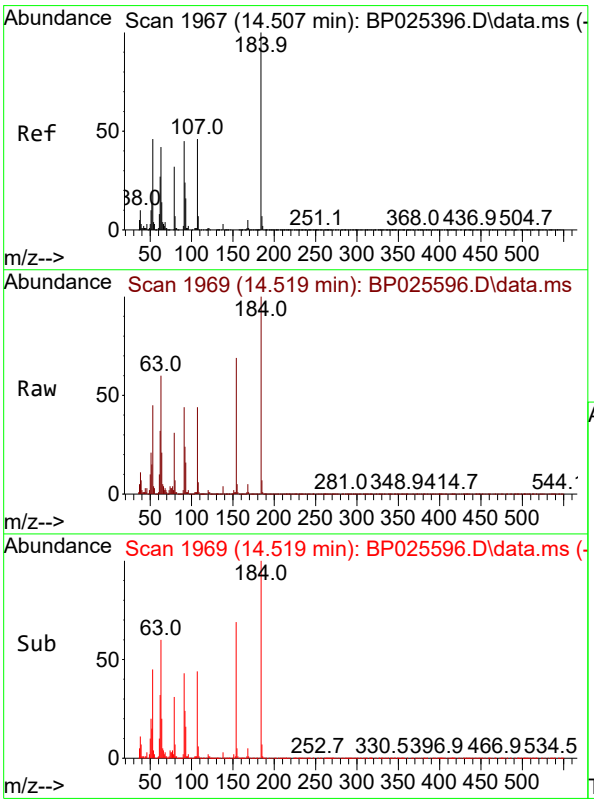
#53
3-Nitroaniline
Concen: 41.964 ng
RT: 14.296 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 338029

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.3	12.5
92	114.7	86.2	129.2

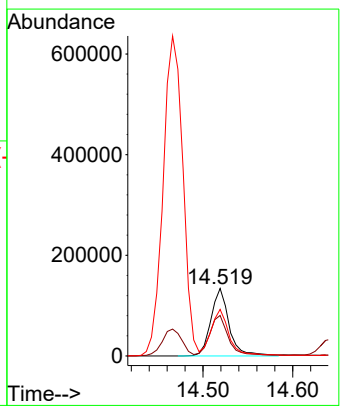


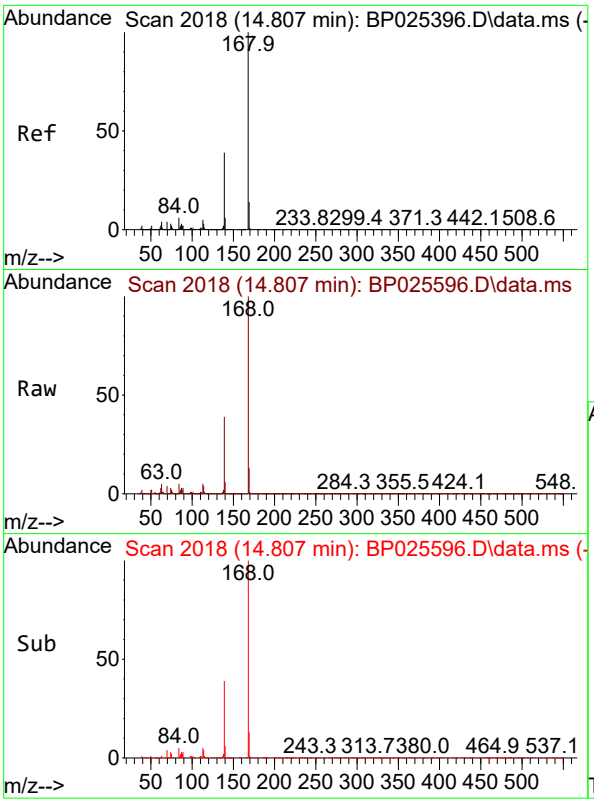


#54
2,4-Dinitrophenol
Concen: 49.446 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:184 Resp: 189053

Ion	Ratio	Lower	Upper
184	100		
63	59.9	49.4	74.2
154	69.1	54.6	82.0



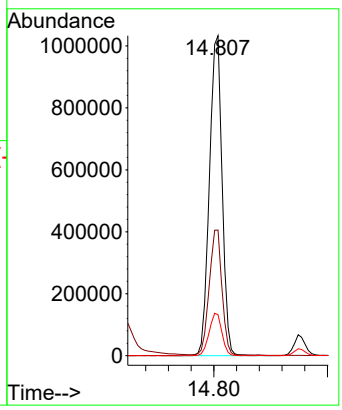


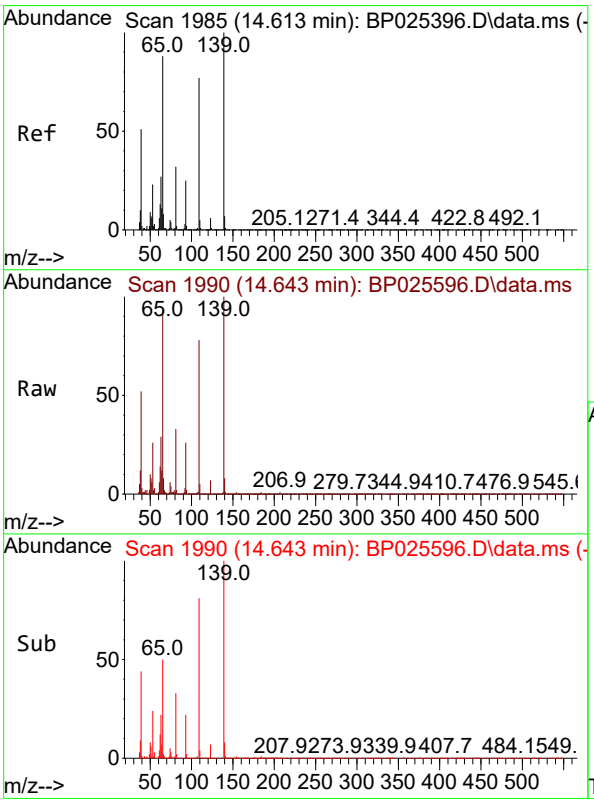
#55
Dibenzofuran
Concen: 39.579 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1594000

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.5	47.3
169	12.8	10.9	16.3

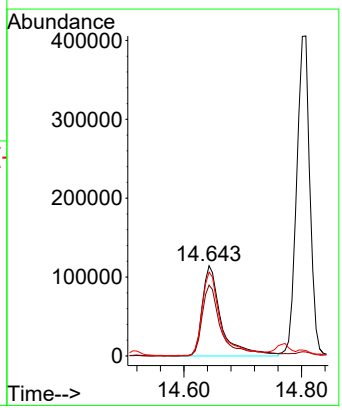


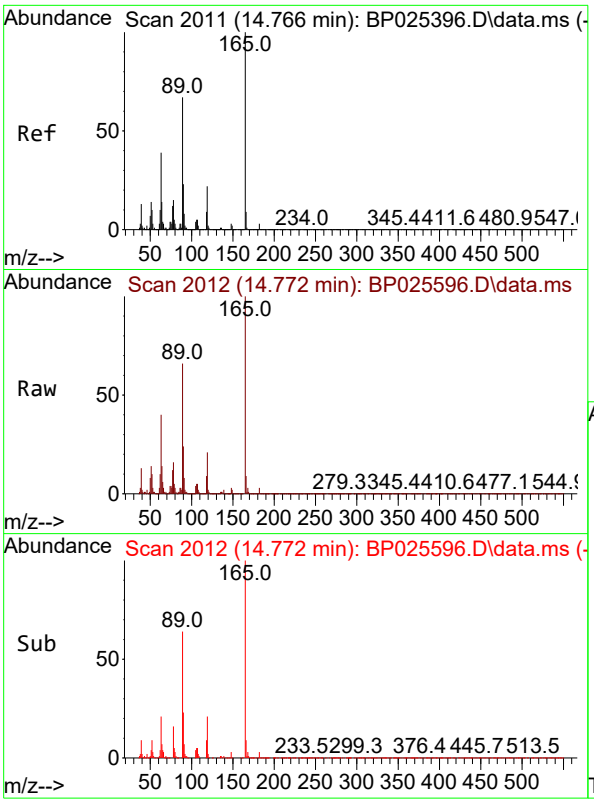


#56
4-Nitrophenol
Concen: 38.484 ng
RT: 14.643 min Scan# 1990
Delta R.T. 0.030 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:139 Resp: 254738

Ion	Ratio	Lower	Upper
139	100		
109	78.4	56.6	96.6
65	92.9	68.2	108.2



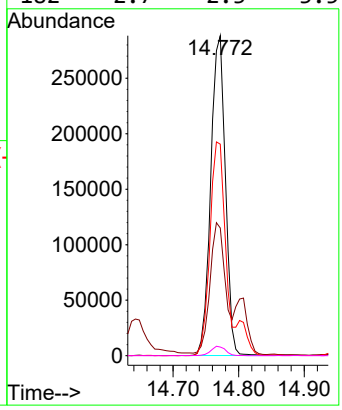


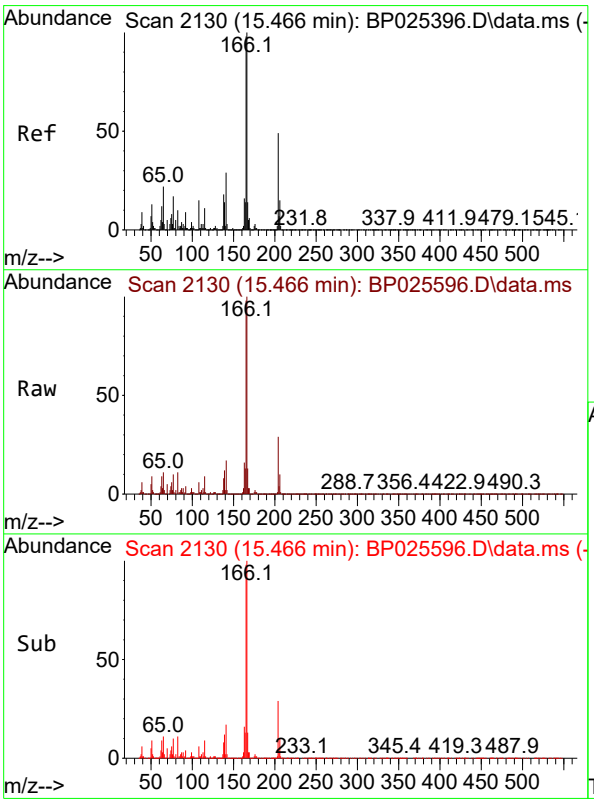
#57
2,4-Dinitrotoluene
Concen: 43.722 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 446620

Ion	Ratio	Lower	Upper
165	100		
63	39.9	31.4	47.2
89	66.1	53.3	79.9
182	2.7	2.3	3.5

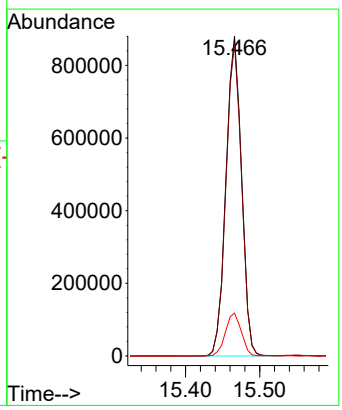


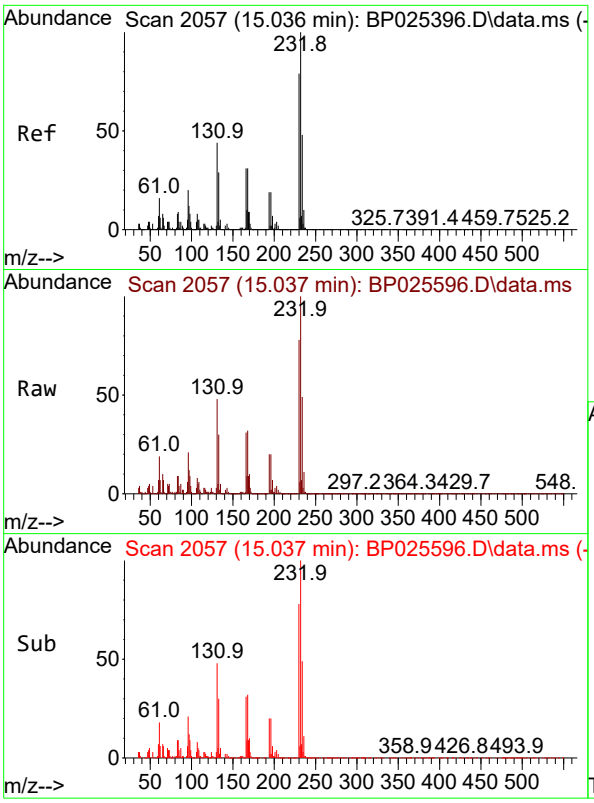


#58
Fluorene
Concen: 40.461 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:166 Resp: 1285799

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.8	118.2
167	13.4	11.0	16.4



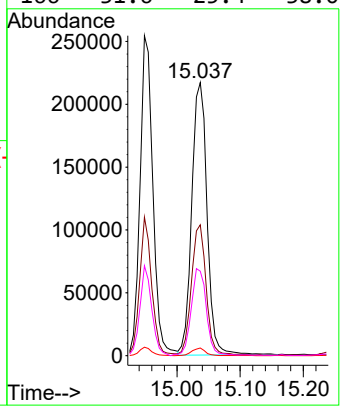


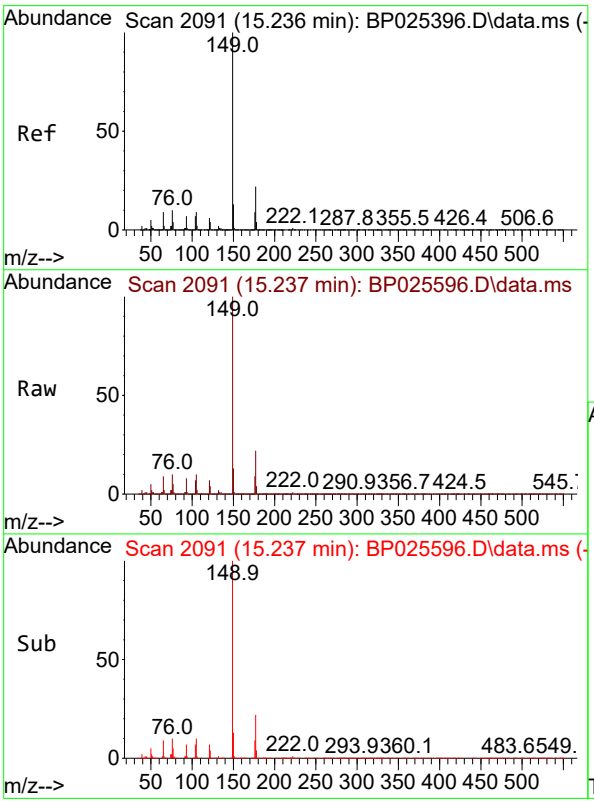
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.718 ng
RT: 15.037 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 365135

Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.0	55.6
130	2.5	1.9	2.9
166	31.6	25.4	38.0

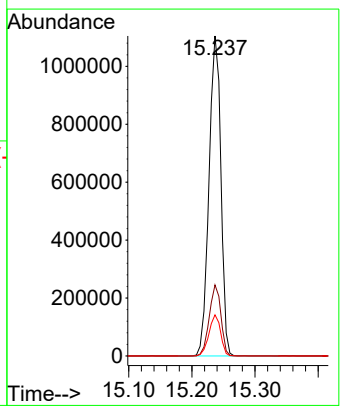


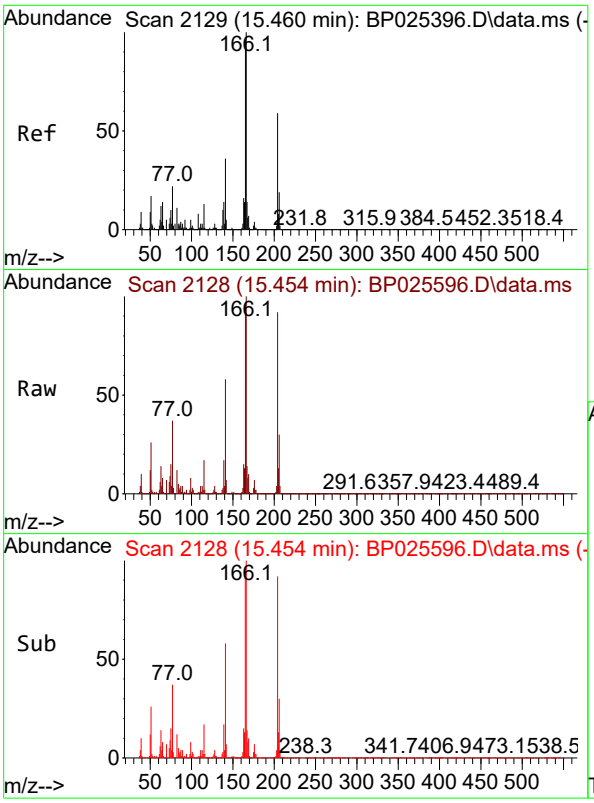


#60
Diethylphthalate
Concen: 41.670 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:149 Resp: 1438280

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.3	25.9
150	12.9	10.3	15.5



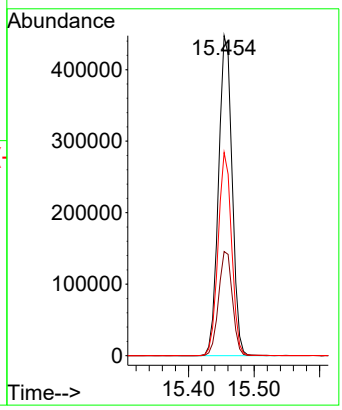


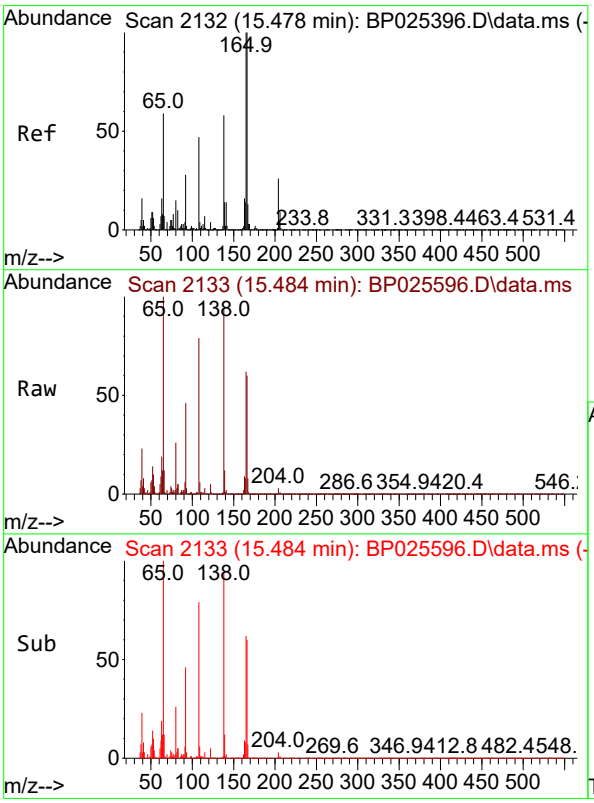
#61
4-Chlorophenyl-phenylether
Concen: 40.522 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 640441

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.8
141	63.5	49.4	74.2

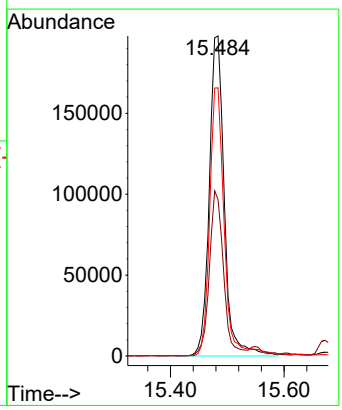


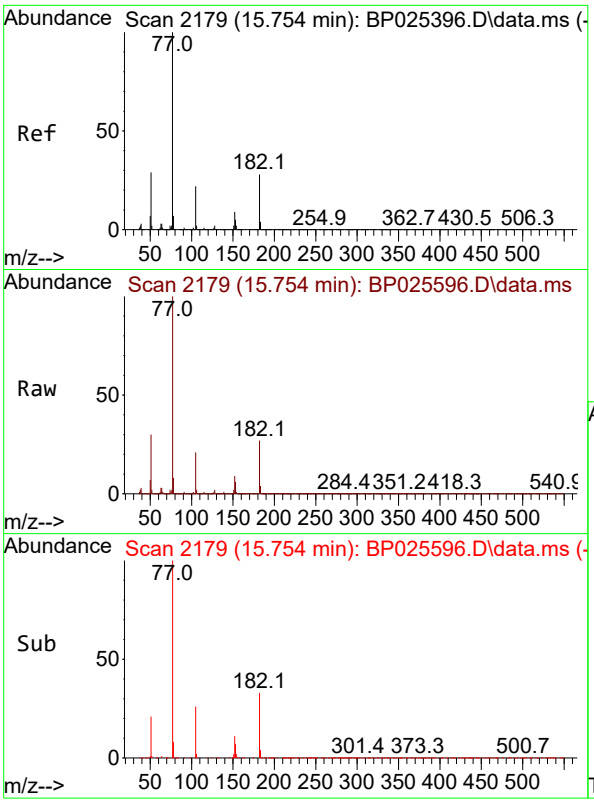


#62
4-Nitroaniline
Concen: 43.872 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:138 Resp: 362298

Ion	Ratio	Lower	Upper
138	100		
92	48.9	29.1	69.1
108	83.8	61.5	101.5



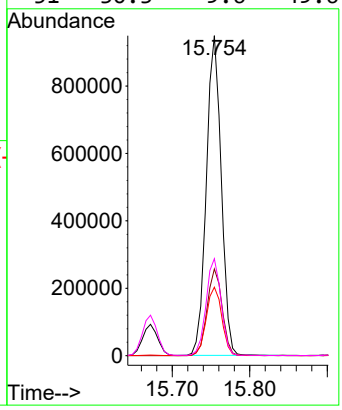


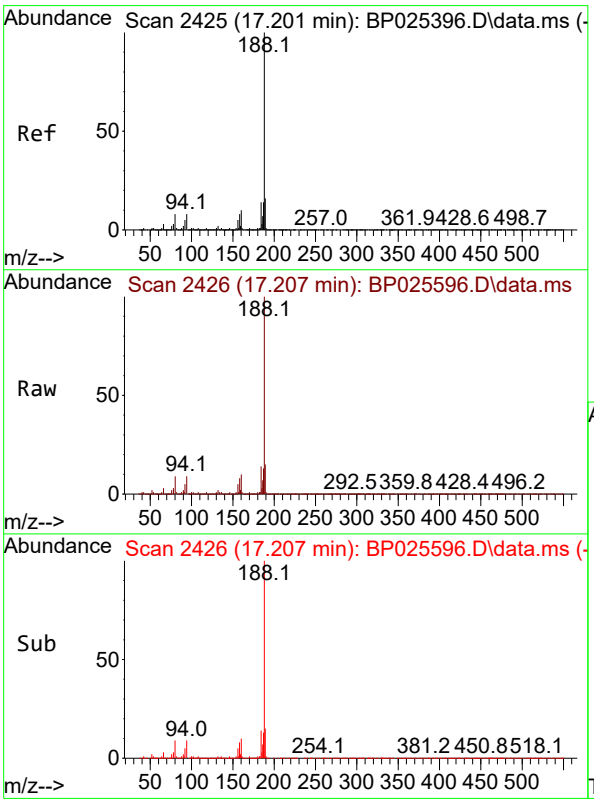
#63
Azobenzene
Concen: 42.799 ng
RT: 15.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1264906

Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.5	47.5
105	21.4	2.1	42.1
51	30.3	9.6	49.6

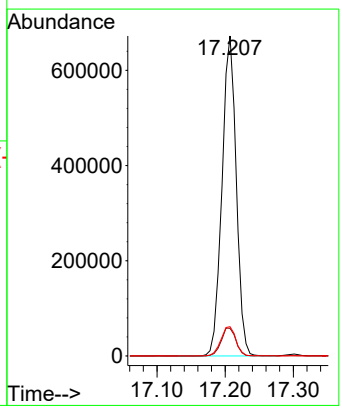


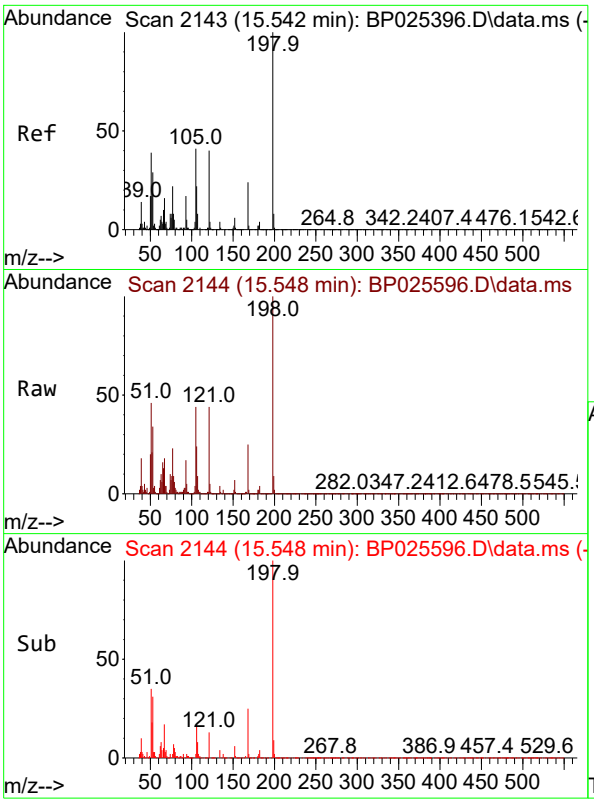


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:188 Resp: 978179

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	6.7	10.1



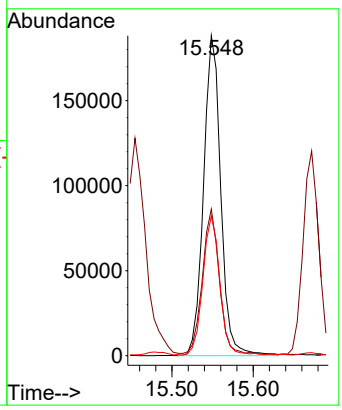


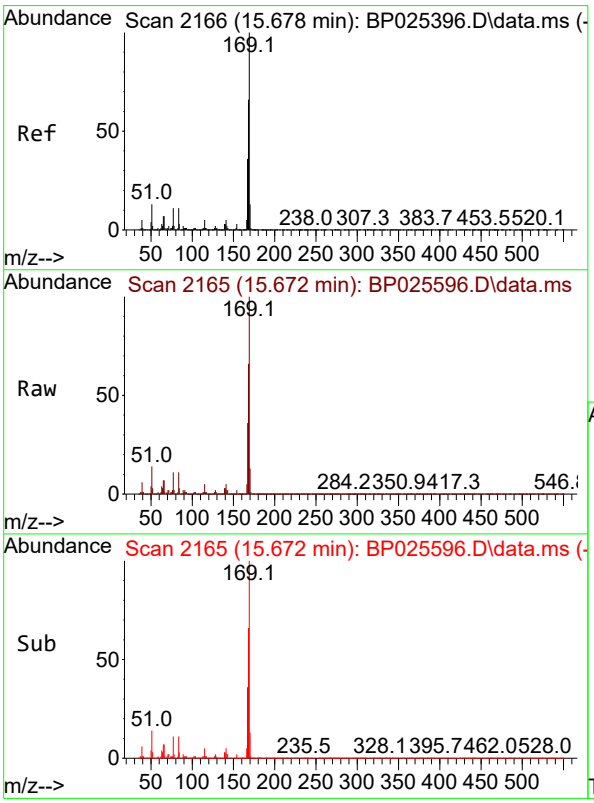
#65
4,6-Dinitro-2-methylphenol
Concen: 45.462 ng
RT: 15.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 277206

Ion	Ratio	Lower	Upper
198	100		
51	45.8	19.6	59.6
105	43.7	20.9	60.9

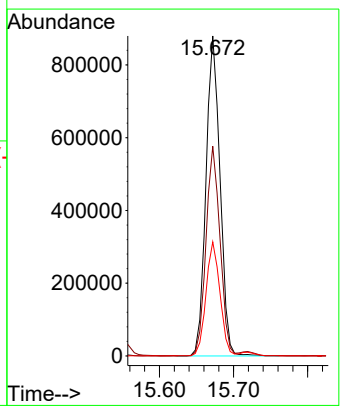


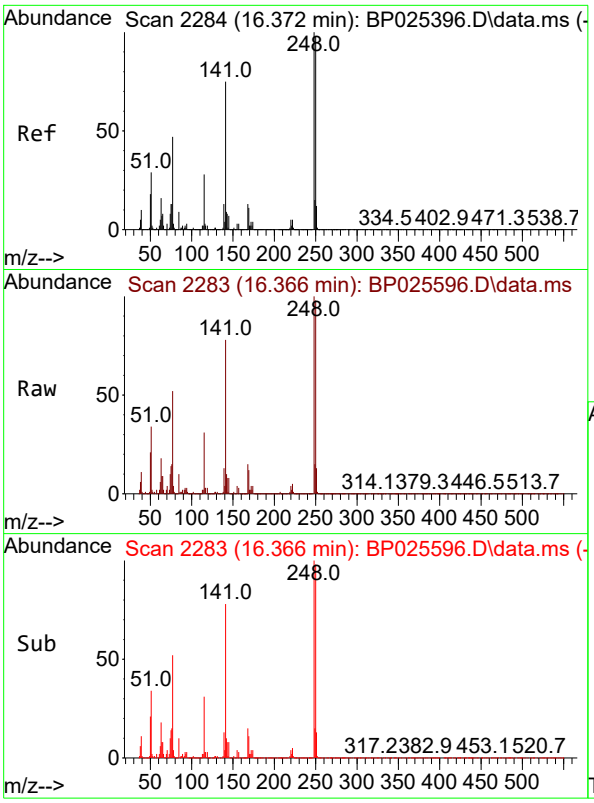


#66
n-Nitrosodiphenylamine
Concen: 38.921 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:169 Resp: 1160960

Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.2	79.8
167	35.7	28.7	43.1



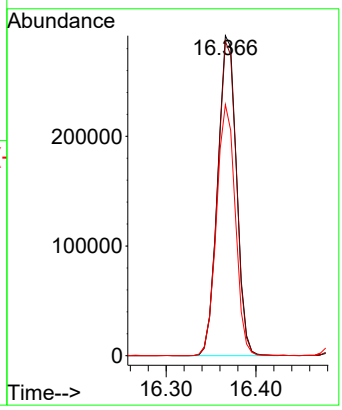


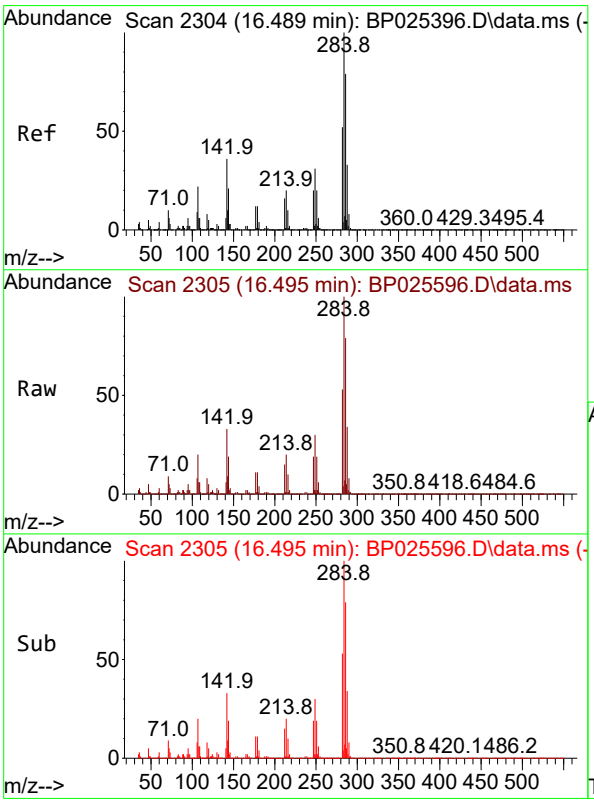
#67
4-Bromophenyl-phenylether
Concen: 39.510 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 425056

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.2	117.2
141	78.5	59.6	89.4

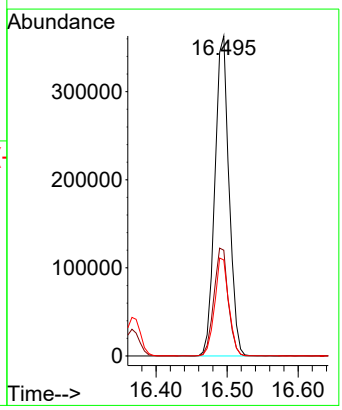


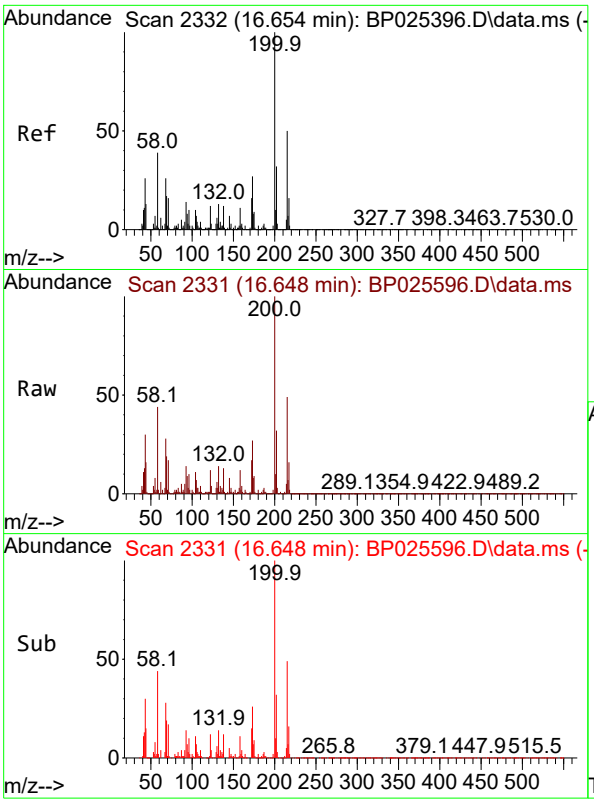


#68
Hexachlorobenzene
Concen: 40.236 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:284 Resp: 501785

Ion	Ratio	Lower	Upper
284	100		
142	33.1	29.1	43.7
249	30.0	25.0	37.4



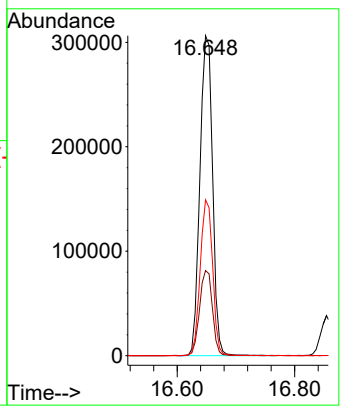


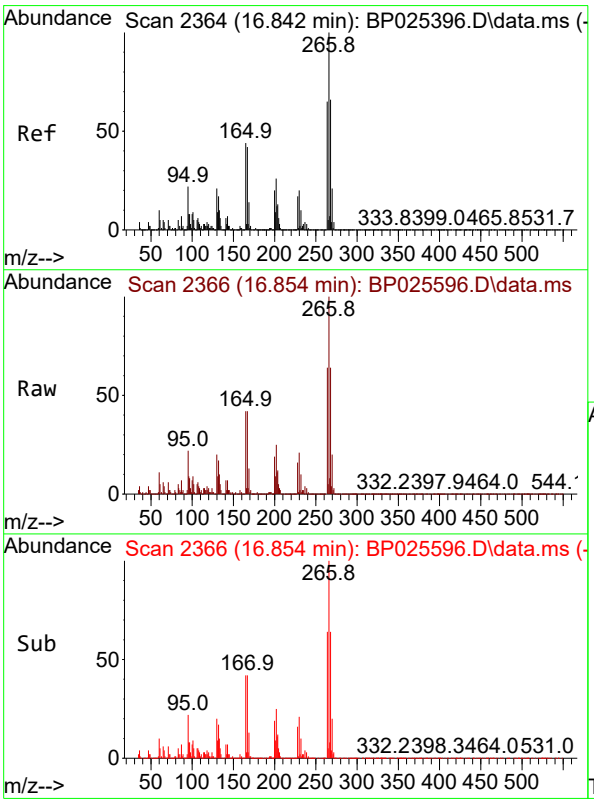
#69
Atrazine
Concen: 41.026 ng
RT: 16.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 458294

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.7	46.7
215	48.7	29.7	69.7

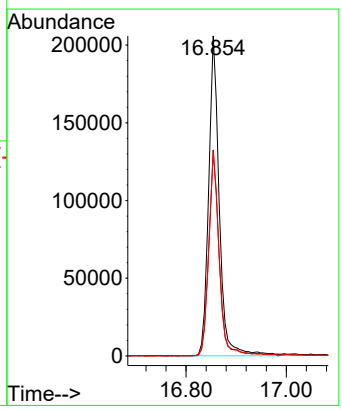


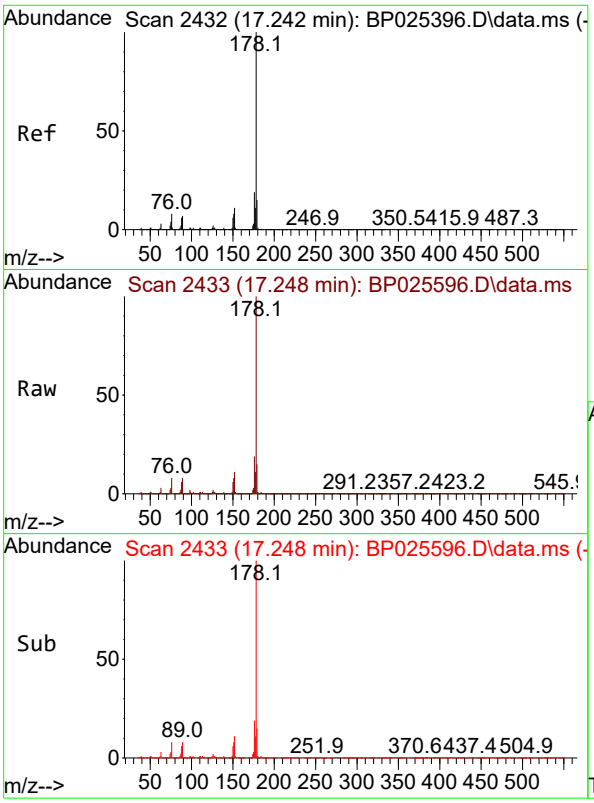


#70
Pentachlorophenol
Concen: 38.540 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:266 Resp: 303401

Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.6	79.0
264	63.9	52.0	78.0



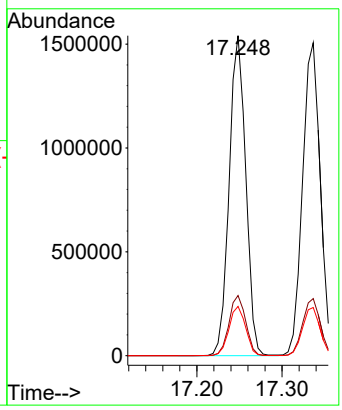


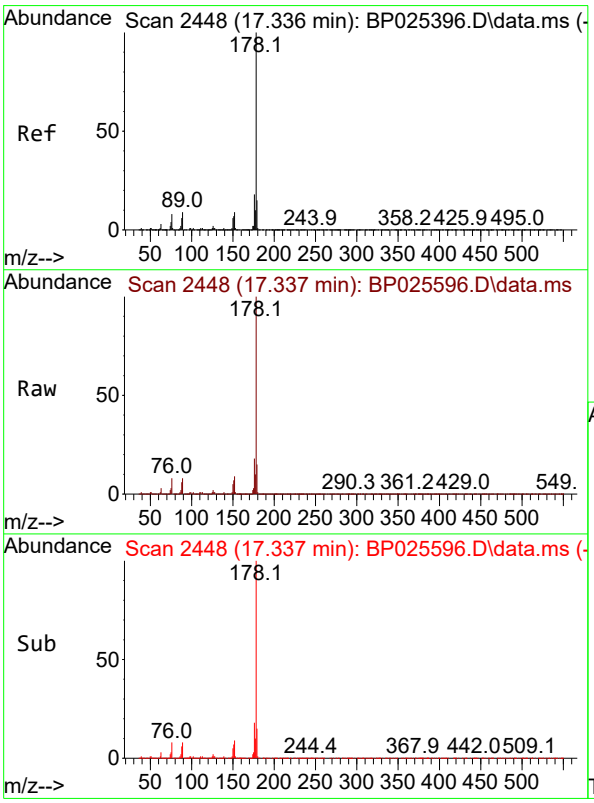
#71
Phenanthrene
Concen: 38.815 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2085730

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.4	12.2	18.4

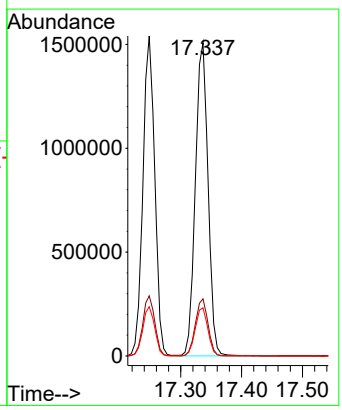


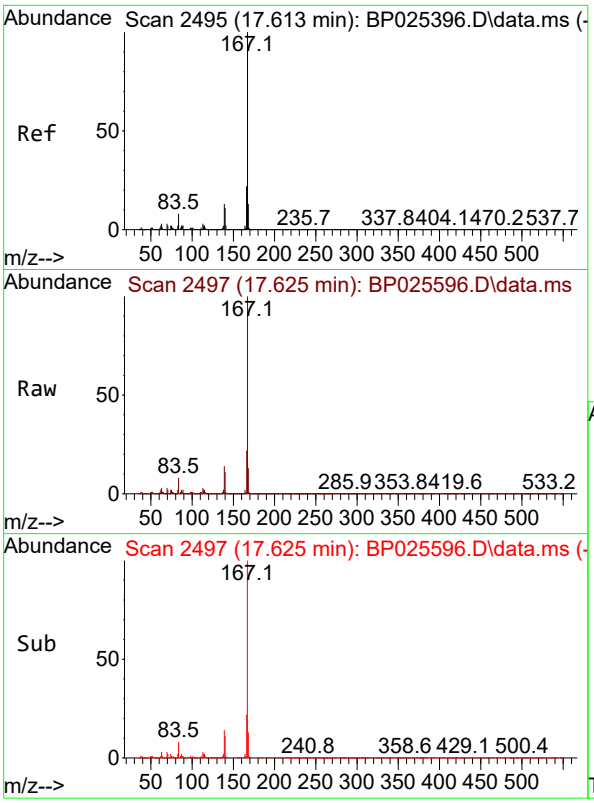


#72
Anthracene
Concen: 39.688 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:178 Resp: 2177823

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.4	12.2	18.2



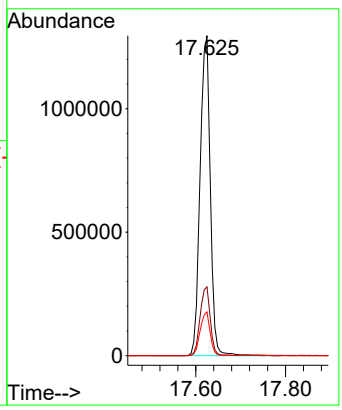


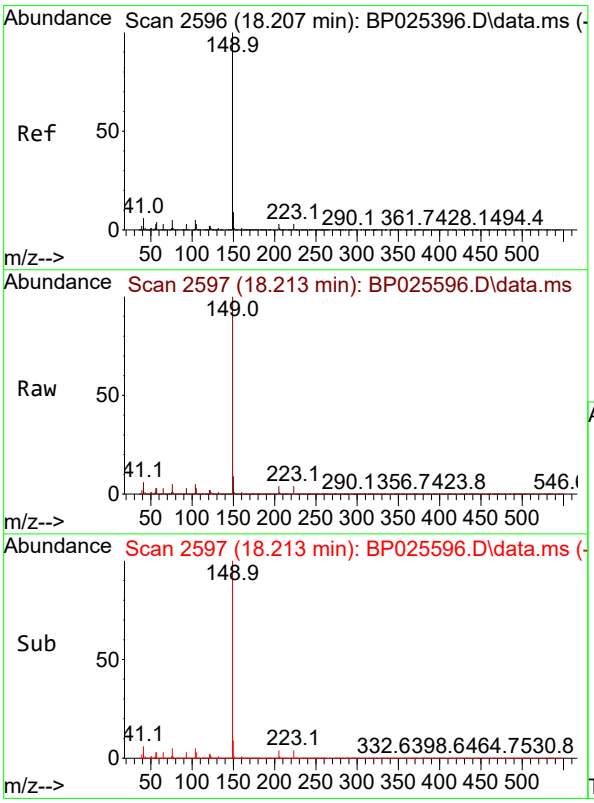
#73
Carbazole
Concen: 39.618 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 2047731

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	13.7	10.6	16.0

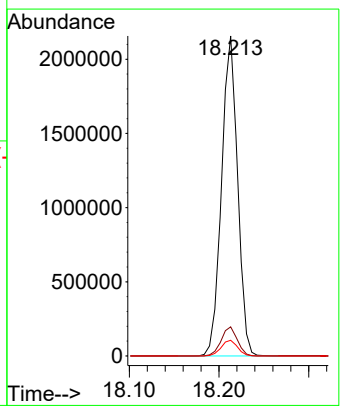


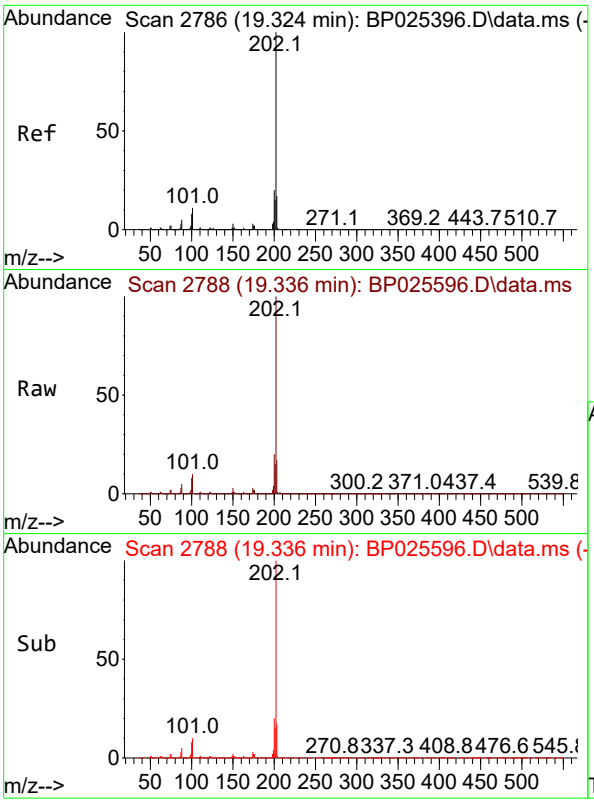


#74
Di-n-butylphthalate
Concen: 42.068 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:149 Resp: 2675162

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.9	4.2	6.2



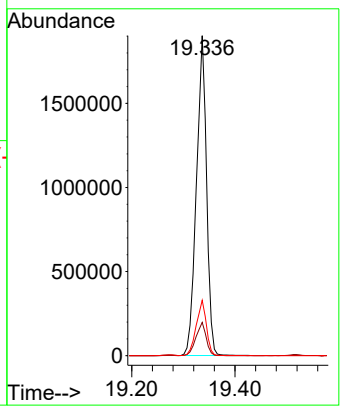


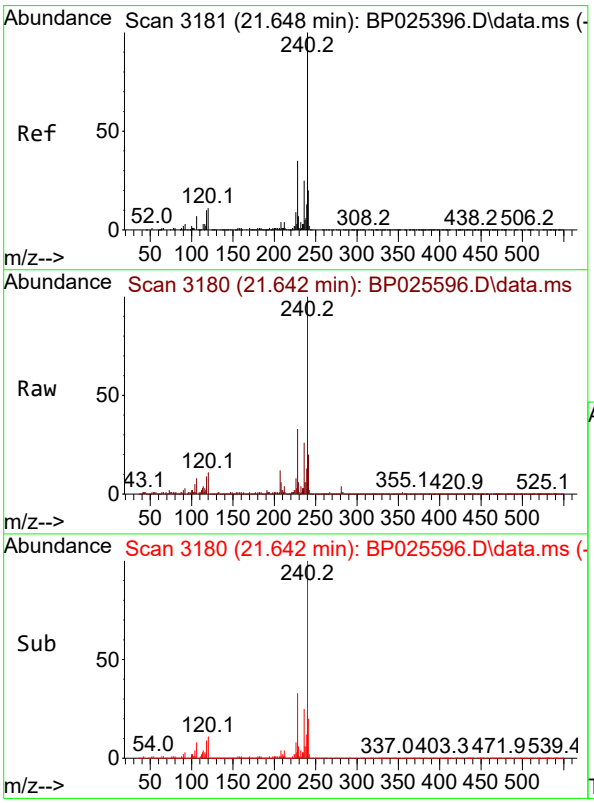
#75
Fluoranthene
Concen: 40.422 ng
RT: 19.336 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 2590880

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.1
203	17.3	0.0	37.3

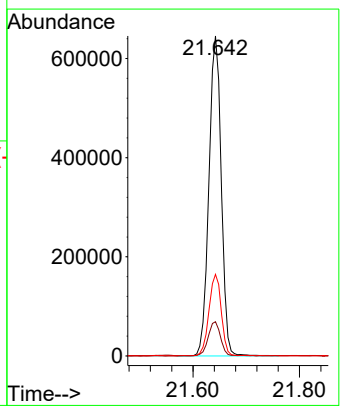


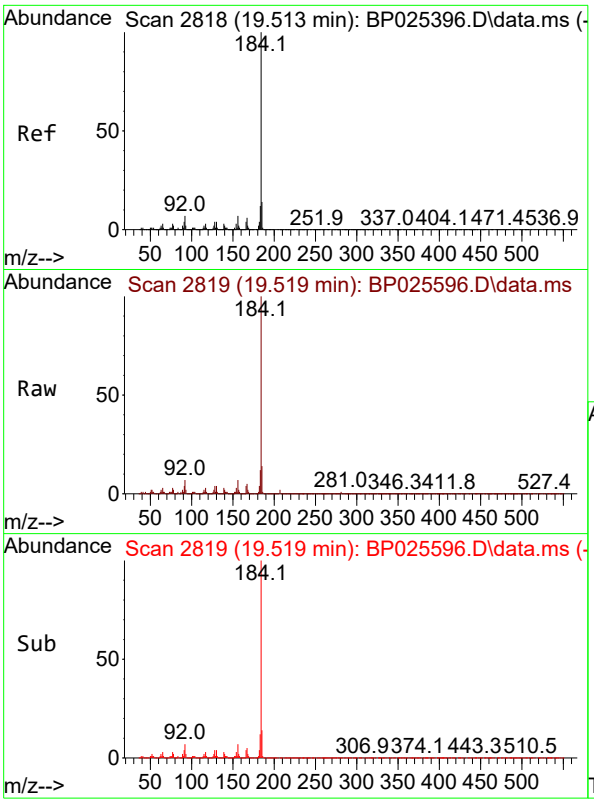


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:240 Resp: 1036724

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.5	19.8	29.8



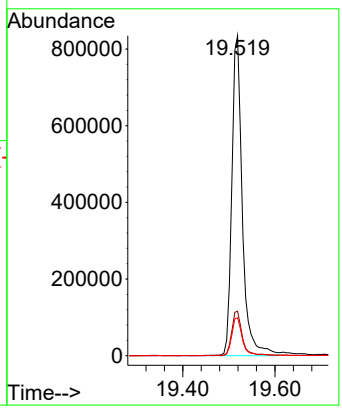


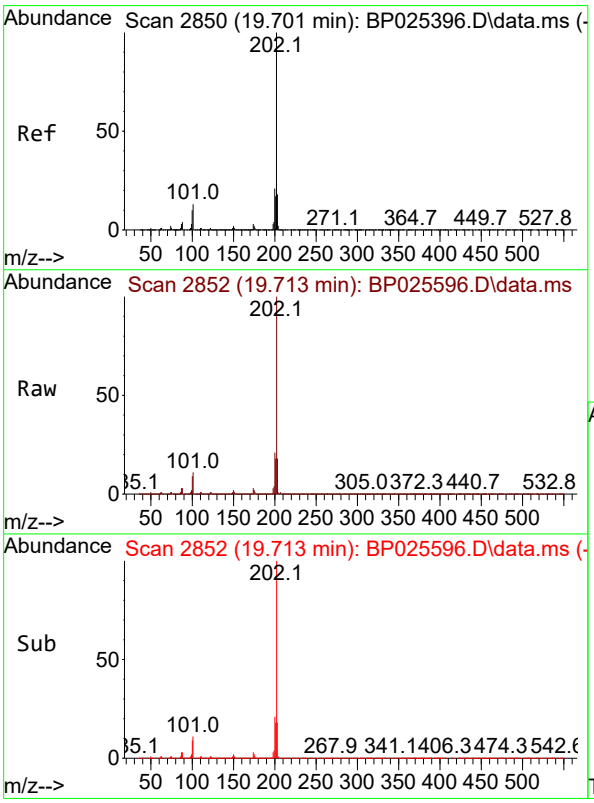
#77
Benzidine
Concen: 37.234 ng
RT: 19.519 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1317371

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.8	9.4	14.2

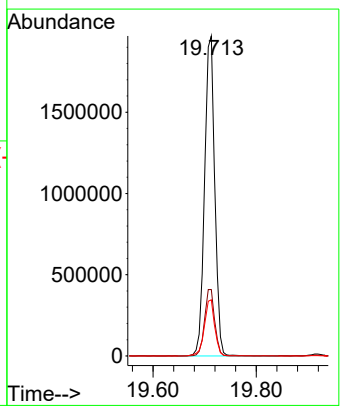


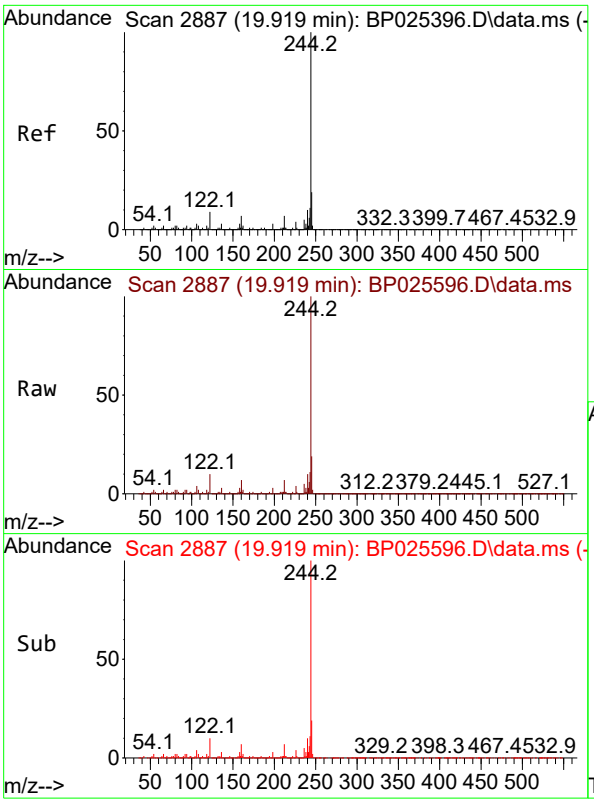


#78
Pyrene
Concen: 39.867 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:202 Resp: 2686396

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.5	14.2	21.2



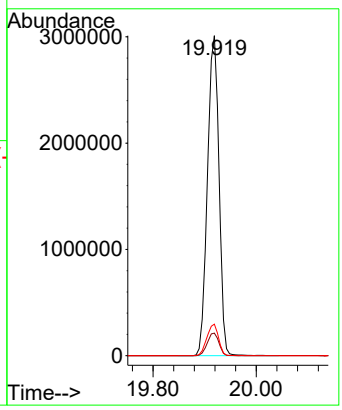


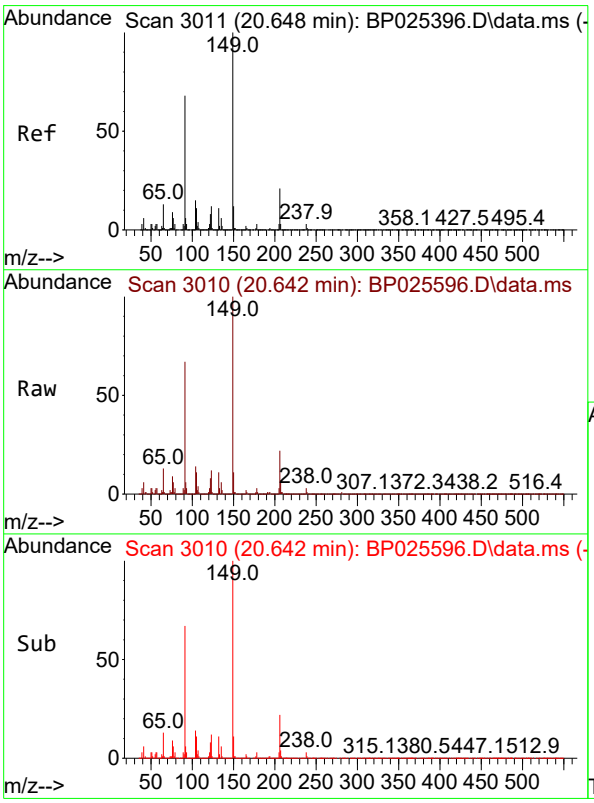
#79
Terphenyl-d14
Concen: 82.140 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 4654437

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.9	7.4	11.2

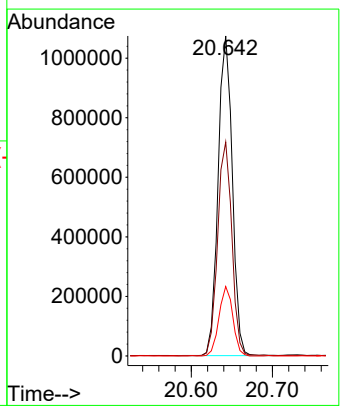


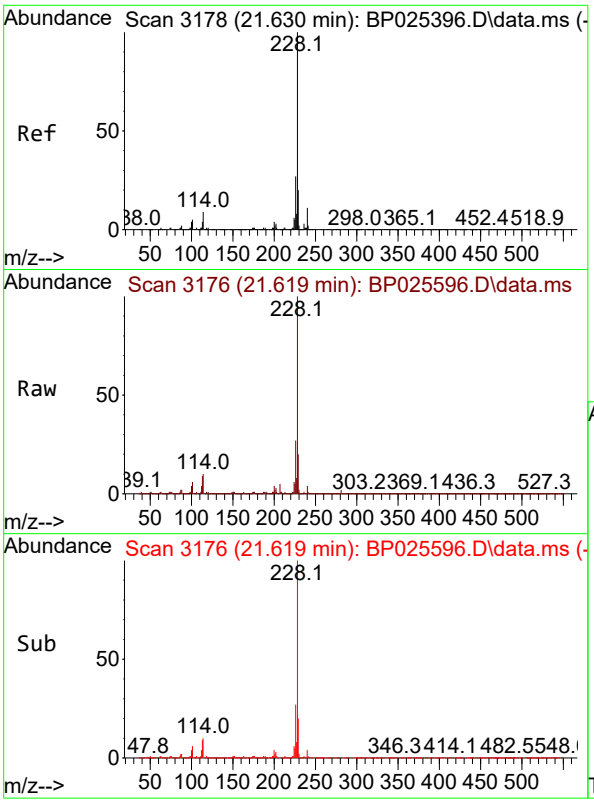


#80
Butylbenzylphthalate
Concen: 42.763 ng
RT: 20.642 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:149 Resp: 1305936

Ion	Ratio	Lower	Upper
149	100		
91	66.8	54.2	81.2
206	21.7	16.6	24.8



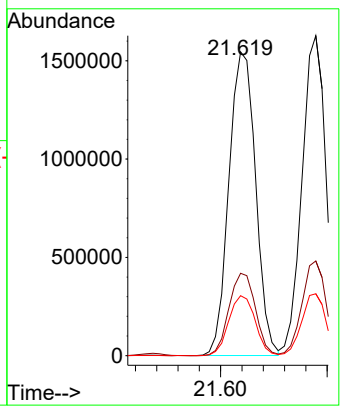


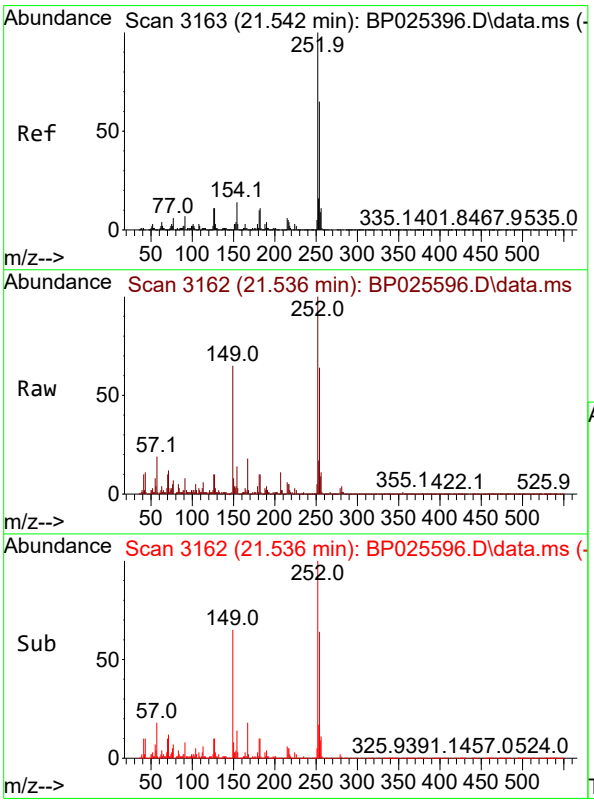
#81
Benzo(a)anthracene
Concen: 39.398 ng
RT: 21.619 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2693701

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.8	15.6	23.4

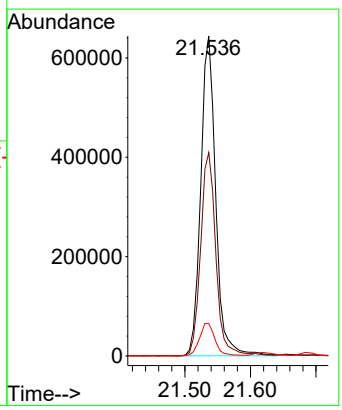


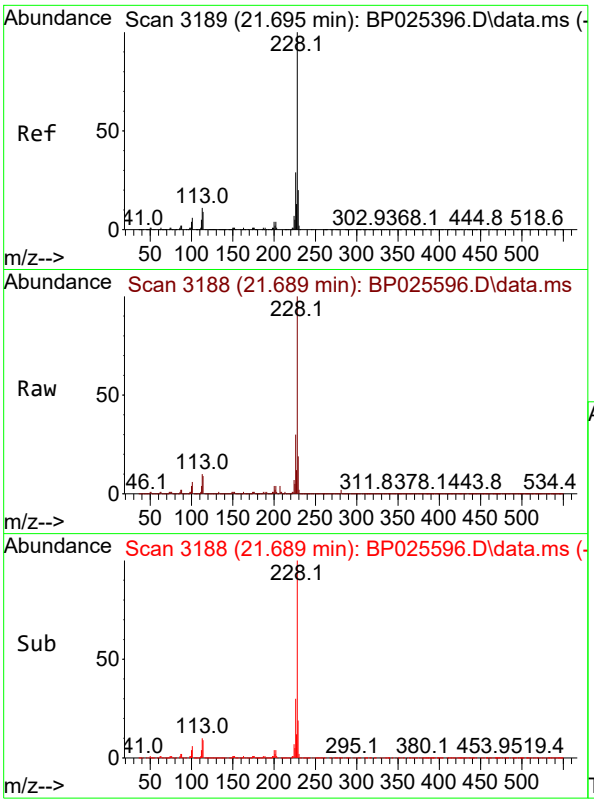


#82
3,3'-Dichlorobenzidine
Concen: 39.757 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:252 Resp: 1024594

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.8	77.6
126	10.2	9.1	13.7



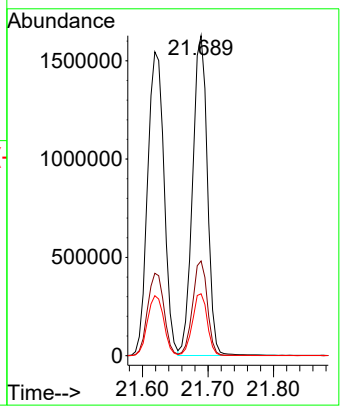


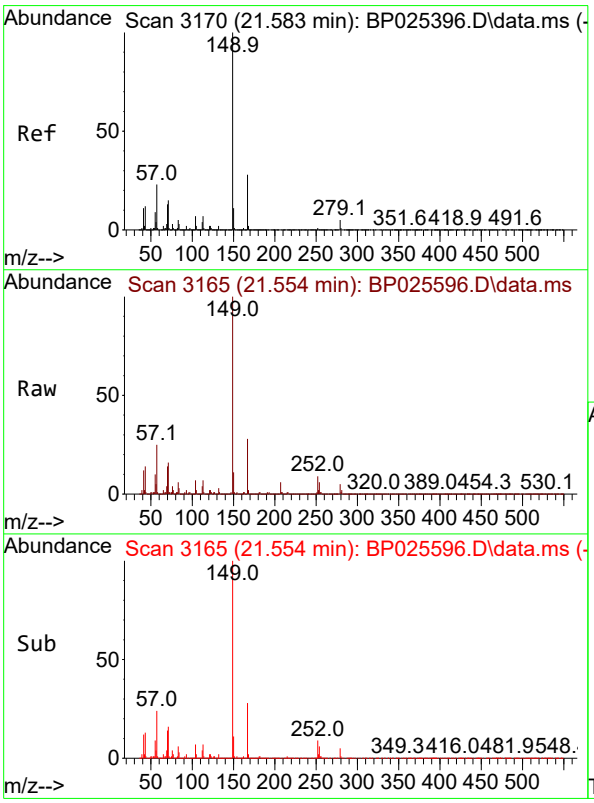
#83
Chrysene
Concen: 39.874 ng
RT: 21.689 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2553149

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	19.3	15.6	23.4

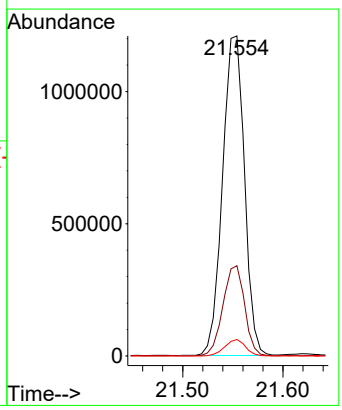


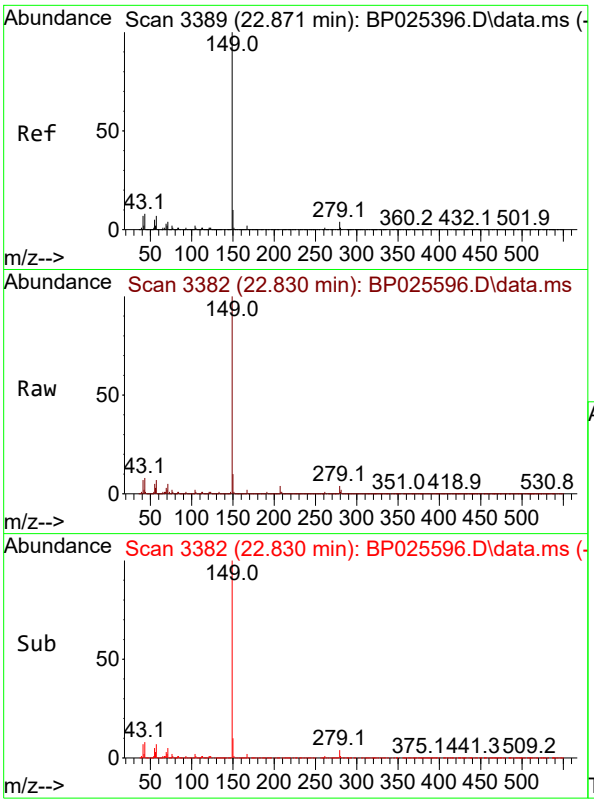


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.773 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:149 Resp: 1832953

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	5.2	3.8	5.6



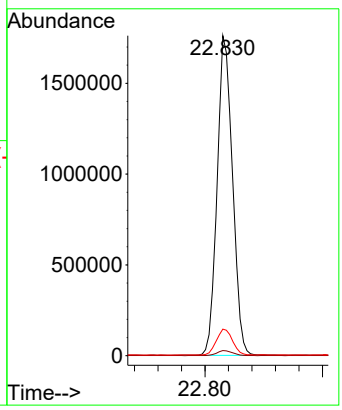


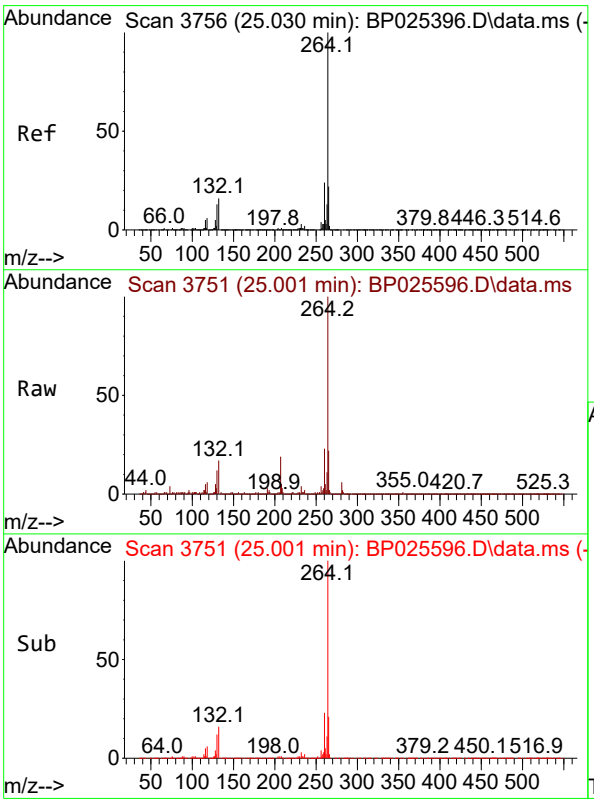
#85
Di-n-octyl phthalate
Concen: 41.423 ng
RT: 22.830 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 3203052

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	6.3	9.5

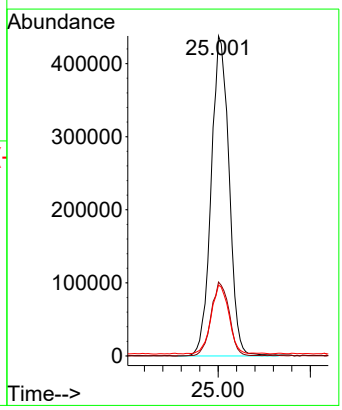


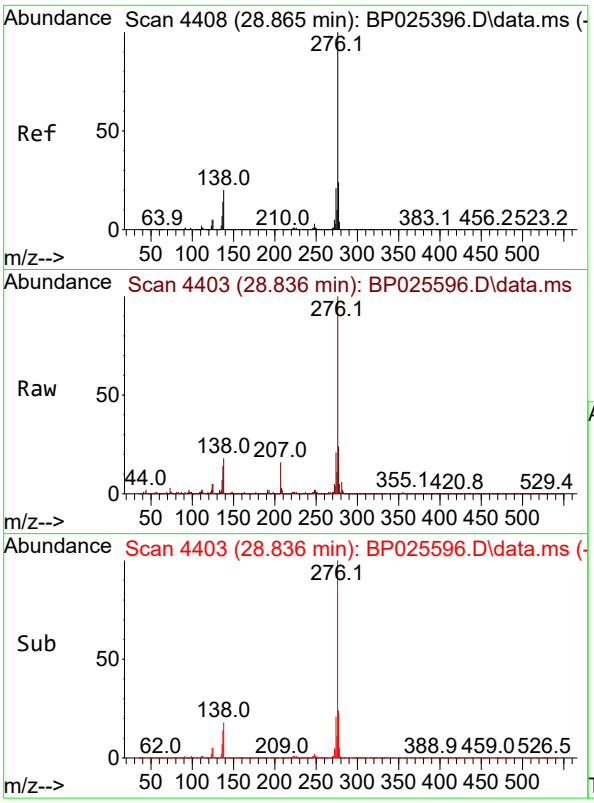


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:264 Resp: 1177638

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	22.1	17.4	26.0



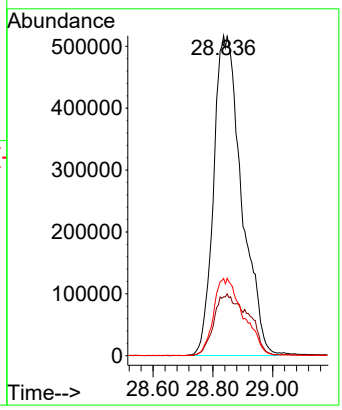


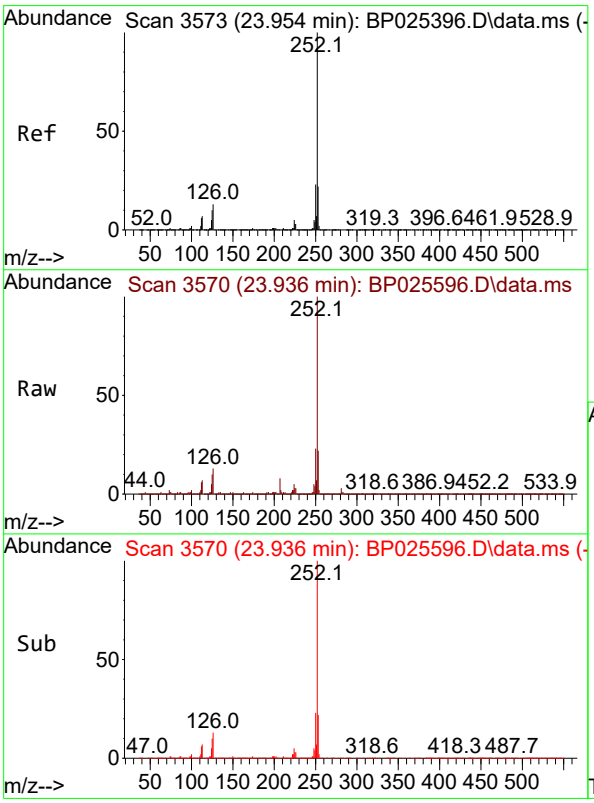
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.915 ng
RT: 28.836 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3360807

Ion	Ratio	Lower	Upper
276	100		
138	23.4	12.9	19.3#
277	10.7	17.0	25.6#

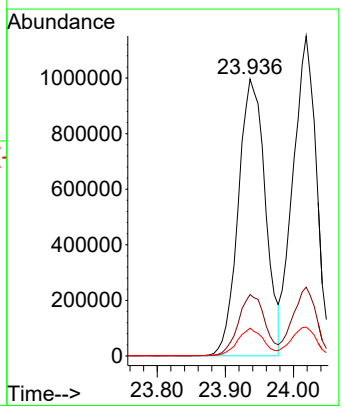


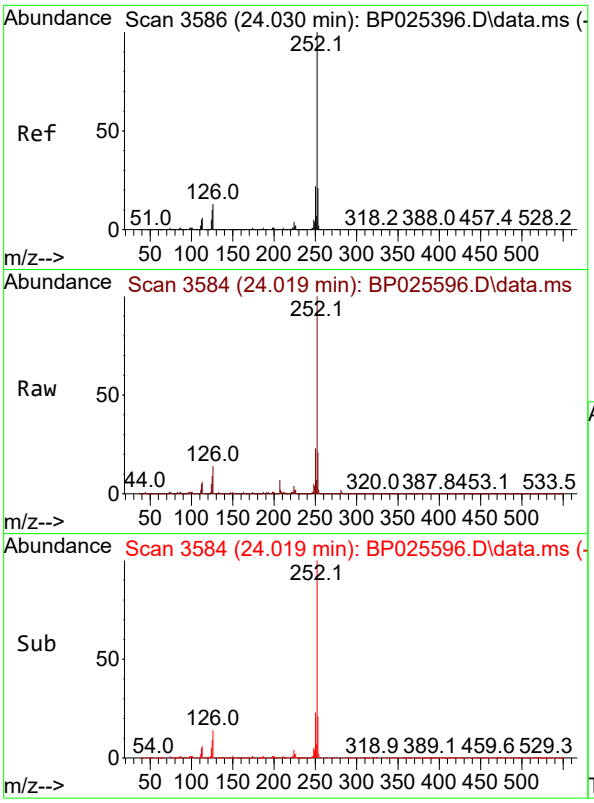


#88
Benzo(b)fluoranthene
Concen: 39.525 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.017 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:252 Resp: 2744704

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.1	7.9	11.9



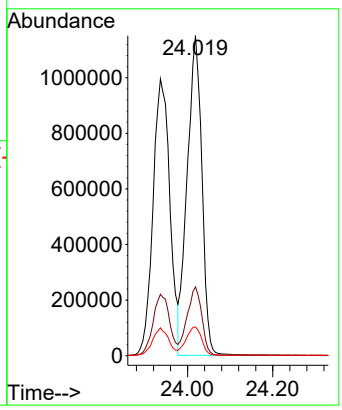


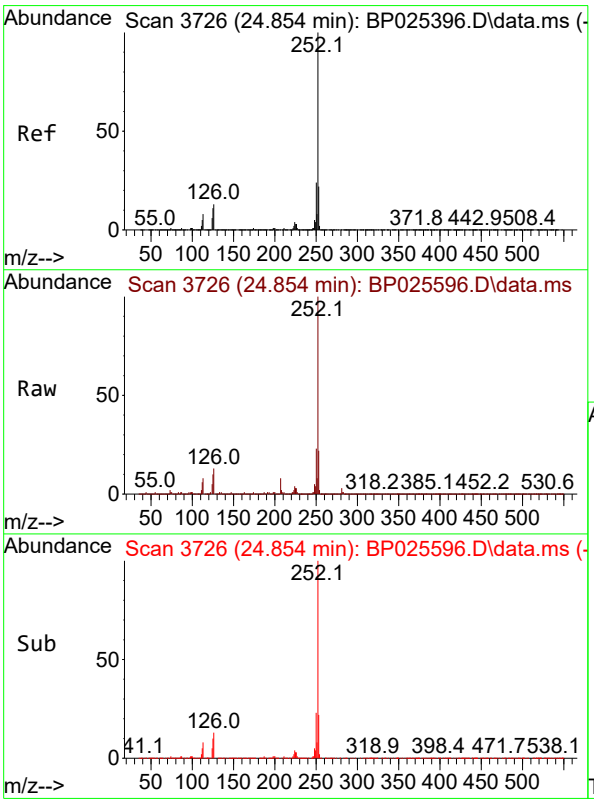
#89
Benzo(k)fluoranthene
Concen: 39.635 ng
RT: 24.019 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2754230

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	9.0	7.8	11.6

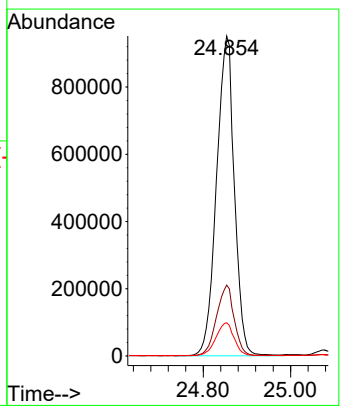


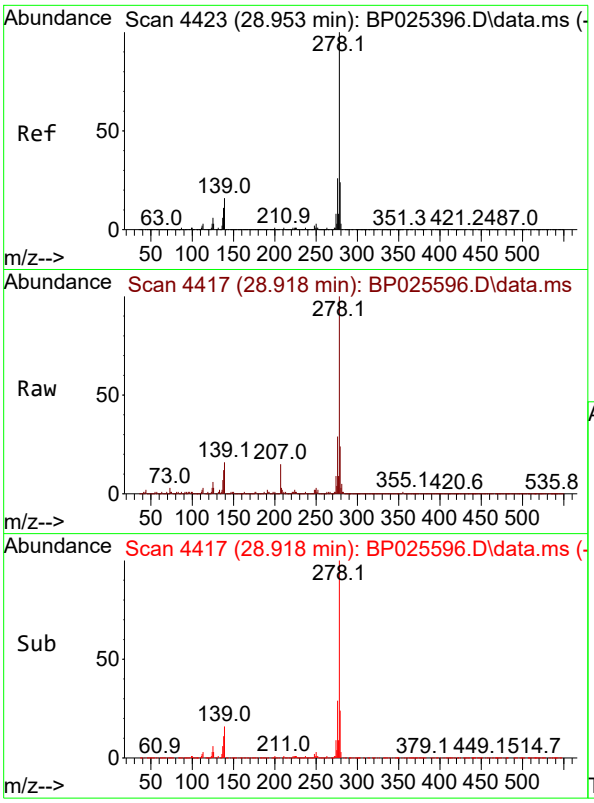


#90
Benzo(a)pyrene
Concen: 39.681 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:252 Resp: 2682309

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.4	8.7	13.1



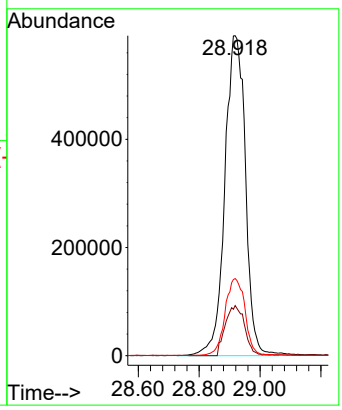


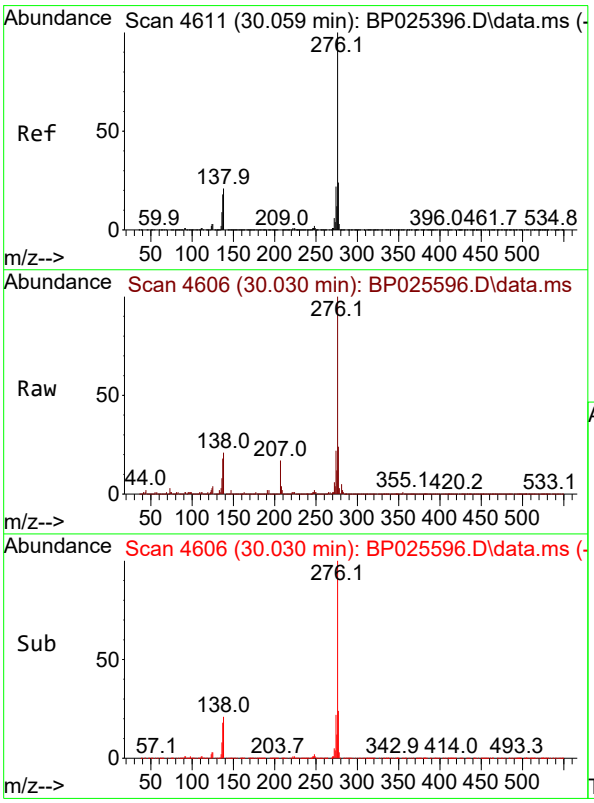
#91
Dibenzo(a,h)anthracene
Concen: 39.257 ng
RT: 28.918 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2770600

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.0	19.4
279	24.1	19.4	29.2

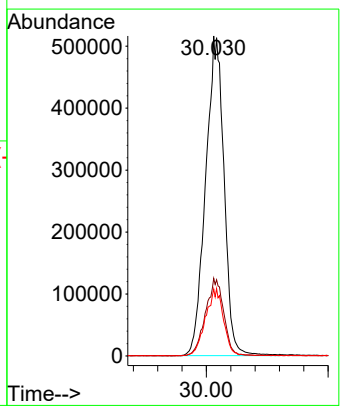




#92
Benzo(g,h,i)perylene
Concen: 38.988 ng
RT: 30.030 min Scan# 4606
Delta R.T. -0.029 min
Lab File: BP025596.D
Acq: 27 Aug 2025 09:39

Tgt Ion:276 Resp: 2704833

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	20.9	16.7	25.1



Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 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	102	-0.02
2		1,4-Dioxane	0.472	0.463	1.9	107	-0.02
3		Pyridine	1.291	1.266	1.9	106	-0.01
4		n-Nitrosodimethylamine	0.532	0.565	-6.2	113	-0.01
5	S	2-Fluorophenol	1.204	1.204	0.0	106	0.00
6		Aniline	2.080	2.093	-0.6	106	-0.01
7	S	Phenol-d6	1.544	1.563	-1.2	106	0.00
8		2-Chlorophenol	1.359	1.356	0.2	106	-0.02
9		Benzaldehyde	1.082	1.320	-22.0	99	-0.01
10	C	Phenol	1.620	1.636	-1.0	106	0.00
11		bis(2-Chloroethyl)ether	1.263	1.242	1.7	104	-0.02
12		1,3-Dichlorobenzene	1.499	1.478	1.4	105	-0.02
13	C	1,4-Dichlorobenzene	1.532	1.511	1.4	105	-0.02
14		1,2-Dichlorobenzene	1.483	1.461	1.5	105	-0.02
15		Benzyl Alcohol	1.227	1.235	-0.7	106	-0.01
16		2,2'-oxybis(1-Chloropropane	1.692	1.723	-1.8	109	-0.02
17		2-Methylphenol	1.125	1.127	-0.2	104	0.00
18		Hexachloroethane	0.563	0.563	0.0	106	-0.02
19	P	n-Nitroso-di-n-propylamine	1.023	1.032	-0.9	107	-0.02
20		3+4-Methylphenols	1.560	1.513	3.0	102	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	103	-0.02
22		Acetophenone	0.502	0.496	1.2	105	-0.02
23	S	Nitrobenzene-d5	0.395	0.395	0.0	106	-0.02
24		Nitrobenzene	0.353	0.352	0.3	105	-0.01
25		Isophorone	0.700	0.708	-1.1	108	-0.02
26	C	2-Nitrophenol	0.181	0.187	-3.3	106	-0.01
27		2,4-Dimethylphenol	0.312	0.310	0.6	103	-0.02
28		bis(2-Chloroethoxy)methane	0.423	0.417	1.4	105	-0.02
29	C	2,4-Dichlorophenol	0.310	0.310	0.0	104	0.00
30		1,2,4-Trichlorobenzene	0.340	0.332	2.4	104	-0.02
31		Naphthalene	1.040	1.018	2.1	105	-0.02
32		Benzoic acid	0.230	0.228	0.9	103	0.00
33		4-Chloroaniline	0.459	0.458	0.2	104	-0.01
34	C	Hexachlorobutadiene	0.211	0.206	2.4	103	-0.02
35		Caprolactam	0.114	0.121	-6.1	113	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.363	-2.3	108	0.00
37		2-Methylnaphthalene	0.676	0.657	2.8	104	-0.02
38		1-Methylnaphthalene	0.719	0.691	3.9	104	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	105	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.578	0.565	2.2	106	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.280	19.8	85	-0.02
42	S	2,4,6-Tribromophenol	0.269	0.296	-10.0	119	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.385	1.3	106	0.00
44		2,4,5-Trichlorophenol	0.427	0.424	0.7	105	0.00
45	S	2-Fluorobiphenyl	1.463	1.415	3.3	107	-0.01
46		1,1'-Biphenyl	1.453	1.400	3.6	105	-0.02
47		2-Chloronaphthalene	1.131	1.094	3.3	105	-0.02

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 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	0.360	-9.4	115	0.00
49		Acenaphthylene	1.871	1.827	2.4	106	0.00
50		Dimethylphthalate	1.465	1.499	-2.3	112	-0.01
51		2,6-Dinitrotoluene	0.309	0.331	-7.1	113	0.00
52	C	Acenaphthene	1.098	1.046	4.7	106	0.00
53		3-Nitroaniline	0.347	0.364	-4.9	112	0.00
54	P	2,4-Dinitrophenol	0.165	0.204	-23.6	131	0.01
55		Dibenzofuran	1.736	1.718	1.0	108	0.00
56	P	4-Nitrophenol	0.285	0.275	3.5	103	0.03
57		2,4-Dinitrotoluene	0.440	0.481	-9.3	116	0.00
58		Fluorene	1.370	1.386	-1.2	112	0.00
59		2,3,4,6-Tetrachlorophenol	0.377	0.394	-4.5	113	0.00
60		Diethylphthalate	1.488	1.550	-4.2	114	0.00
61		4-Chlorophenyl-phenylether	0.681	0.690	-1.3	111	0.00
62		4-Nitroaniline	0.356	0.391	-9.8	117	0.00
63		Azobenzene	1.274	1.363	-7.0	116	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	111	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.142	-13.6	128	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.593	2.8	111	0.00
67		4-Bromophenyl-phenylether	0.220	0.217	1.4	113	0.00
68		Hexachlorobenzene	0.255	0.256	-0.4	117	0.00
69		Atrazine	0.228	0.234	-2.6	119	0.00
70	C	Pentachlorophenol	0.161	0.155	3.7	109	0.01
71		Phenanthrene	1.099	1.066	3.0	113	0.00
72		Anthracene	1.122	1.113	0.8	114	0.00
73		Carbazole	1.057	1.047	0.9	115	0.01
74		Di-n-butylphthalate	1.300	1.367	-5.2	122	0.00
75	C	Fluoranthene	1.311	1.324	-1.0	119	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77		Benzidine	0.683	0.635	7.0	76	0.00
78		Pyrene	1.300	1.296	0.3	117	0.01
79	S	Terphenyl-d14	1.093	1.122	-2.7	124	0.00
80		Butylbenzylphthalate	0.589	0.630	-7.0	125	0.00
81		Benzo(a)anthracene	1.319	1.299	1.5	118	-0.01
82		3,3'-Dichlorobenzidine	0.497	0.494	0.6	117	0.00
83		Chrysene	1.235	1.231	0.3	120	0.00
84		Bis(2-ethylhexyl)phthalate	0.867	0.884	-2.0	123	-0.03
85	c	Di-n-octyl phthalate	1.492	1.545	-3.6	123	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	115	-0.03
87		Indeno(1,2,3-cd)pyrene	1.467	1.427	2.7	117	-0.03
88		Benzo(b)fluoranthene	1.179	1.165	1.2	118	-0.02
89		Benzo(k)fluoranthene	1.180	1.169	0.9	119	-0.01
90	C	Benzo(a)pyrene	1.148	1.139	0.8	118	0.00
91		Dibenzo(a,h)anthracene	1.199	1.176	1.9	117	-0.04
92		Benzo(g,h,i)perylene	1.178	1.148	2.5	116	-0.03

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 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

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 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)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	102	-0.02
2		1,4-Dioxane	40.000	39.219	2.0	107	-0.02
3		Pyridine	40.000	39.220	2.0	106	-0.01
4		n-Nitrosodimethylamine	40.000	42.492	-6.2	113	-0.01
5	S	2-Fluorophenol	80.000	79.975	0.0	106	0.00
6		Aniline	40.000	40.251	-0.6	106	-0.01
7	S	Phenol-d6	80.000	80.965	-1.2	106	0.00
8		2-Chlorophenol	40.000	39.900	0.3	106	-0.02
9		Benzaldehyde	40.000	48.816	-22.0	99	-0.01
10	C	Phenol	40.000	40.395	-1.0	106	0.00
11		bis(2-Chloroethyl)ether	40.000	39.351	1.6	104	-0.02
12		1,3-Dichlorobenzene	40.000	39.463	1.3	105	-0.02
13	C	1,4-Dichlorobenzene	40.000	39.448	1.4	105	-0.02
14		1,2-Dichlorobenzene	40.000	39.411	1.5	105	-0.02
15		Benzyl Alcohol	40.000	40.264	-0.7	106	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	40.735	-1.8	109	-0.02
17		2-Methylphenol	40.000	40.055	-0.1	104	0.00
18		Hexachloroethane	40.000	39.962	0.1	106	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	40.352	-0.9	107	-0.02
20		3+4-Methylphenols	40.000	38.796	3.0	102	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	103	-0.02
22		Acetophenone	40.000	39.578	1.1	105	-0.02
23	S	Nitrobenzene-d5	80.000	79.850	0.2	106	-0.02
24		Nitrobenzene	40.000	39.829	0.4	105	-0.01
25		Isophorone	40.000	40.465	-1.2	108	-0.02
26	C	2-Nitrophenol	40.000	41.159	-2.9	106	-0.01
27		2,4-Dimethylphenol	40.000	39.733	0.7	103	-0.02
28		bis(2-Chloroethoxy)methane	40.000	39.429	1.4	105	-0.02
29	C	2,4-Dichlorophenol	40.000	40.026	-0.1	104	0.00
30		1,2,4-Trichlorobenzene	40.000	39.108	2.2	104	-0.02
31		Naphthalene	40.000	39.174	2.1	105	-0.02
32		Benzoic acid	40.000	39.533	1.2	103	0.00
33		4-Chloroaniline	40.000	39.937	0.2	104	-0.01
34	C	Hexachlorobutadiene	40.000	38.868	2.8	103	-0.02
35		Caprolactam	40.000	42.433	-6.1	113	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.805	-2.0	108	0.00
37		2-Methylnaphthalene	40.000	38.853	2.9	104	-0.02
38		1-Methylnaphthalene	40.000	38.444	3.9	104	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	105	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	39.126	2.2	106	-0.02
41	P	Hexachlorocyclopentadiene	40.000	32.135	19.7	85	-0.02
42	S	2,4,6-Tribromophenol	80.000	88.074	-10.1	119	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.534	1.2	106	0.00
44		2,4,5-Trichlorophenol	40.000	39.644	0.9	105	0.00
45	S	2-Fluorobiphenyl	80.000	77.334	3.3	107	-0.01
46		1,1'-Biphenyl	40.000	38.565	3.6	105	-0.02
47		2-Chloronaphthalene	40.000	38.712	3.2	105	-0.02

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 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	43.663	-9.2	115	0.00
49		Acenaphthylene	40.000	39.053	2.4	106	0.00
50		Dimethylphthalate	40.000	40.927	-2.3	112	-0.01
51		2,6-Dinitrotoluene	40.000	42.909	-7.3	113	0.00
52	C	Acenaphthene	40.000	38.097	4.8	106	0.00
53		3-Nitroaniline	40.000	41.964	-4.9	112	0.00
54	P	2,4-Dinitrophenol	40.000	49.446	-23.6	131	0.01
55		Dibenzofuran	40.000	39.579	1.1	108	0.00
56	P	4-Nitrophenol	40.000	38.484	3.8	103	0.03
57		2,4-Dinitrotoluene	40.000	43.722	-9.3	116	0.00
58		Fluorene	40.000	40.461	-1.2	112	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.718	-4.3	113	0.00
60		Diethylphthalate	40.000	41.670	-4.2	114	0.00
61		4-Chlorophenyl-phenylether	40.000	40.522	-1.3	111	0.00
62		4-Nitroaniline	40.000	43.872	-9.7	117	0.00
63		Azobenzene	40.000	42.799	-7.0	116	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	111	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.462	-13.7	128	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.921	2.7	111	0.00
67		4-Bromophenyl-phenylether	40.000	39.510	1.2	113	0.00
68		Hexachlorobenzene	40.000	40.236	-0.6	117	0.00
69		Atrazine	40.000	41.026	-2.6	119	0.00
70	C	Pentachlorophenol	40.000	38.540	3.7	109	0.01
71		Phenanthrene	40.000	38.815	3.0	113	0.00
72		Anthracene	40.000	39.688	0.8	114	0.00
73		Carbazole	40.000	39.618	1.0	115	0.01
74		Di-n-butylphthalate	40.000	42.068	-5.2	122	0.00
75	C	Fluoranthene	40.000	40.422	-1.1	119	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77		Benzidine	40.000	37.234	6.9	76	0.00
78		Pyrene	40.000	39.867	0.3	117	0.01
79	S	Terphenyl-d14	80.000	82.140	-2.7	124	0.00
80		Butylbenzylphthalate	40.000	42.763	-6.9	125	0.00
81		Benzo(a)anthracene	40.000	39.398	1.5	118	-0.01
82		3,3'-Dichlorobenzidine	40.000	39.757	0.6	117	0.00
83		Chrysene	40.000	39.874	0.3	120	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.773	-1.9	123	-0.03
85	c	Di-n-octyl phthalate	40.000	41.423	-3.6	123	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	115	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	38.915	2.7	117	-0.03
88		Benzo(b)fluoranthene	40.000	39.525	1.2	118	-0.02
89		Benzo(k)fluoranthene	40.000	39.635	0.9	119	-0.01
90	C	Benzo(a)pyrene	40.000	39.681	0.8	118	0.00
91		Dibenzo(a,h)anthracene	40.000	39.257	1.9	117	-0.04
92		Benzo(g,h,i)perylene	40.000	38.988	2.5	116	-0.03

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 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

QC SAMPLE DATA

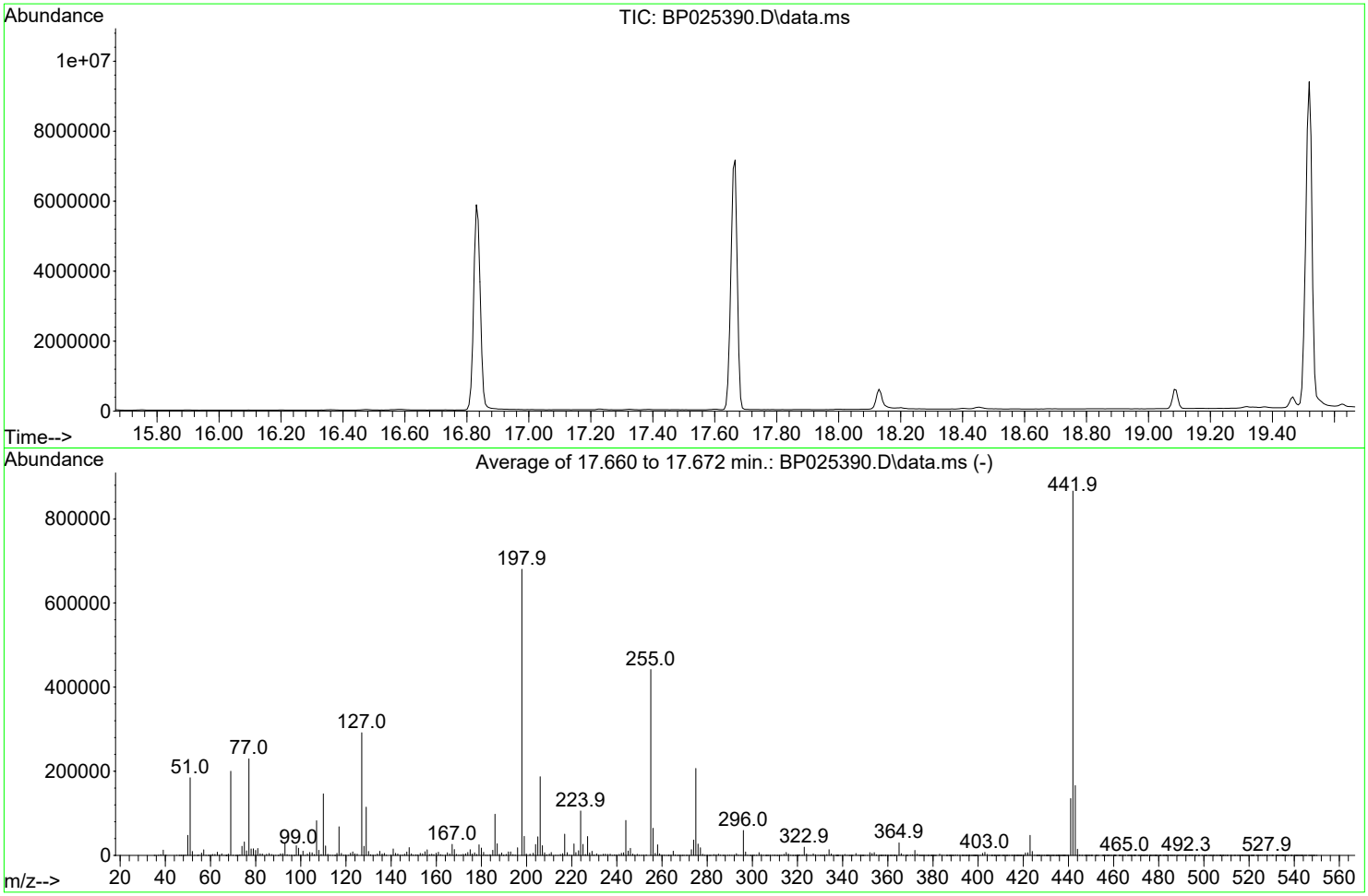
Sample Results: **BP025390.D**

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

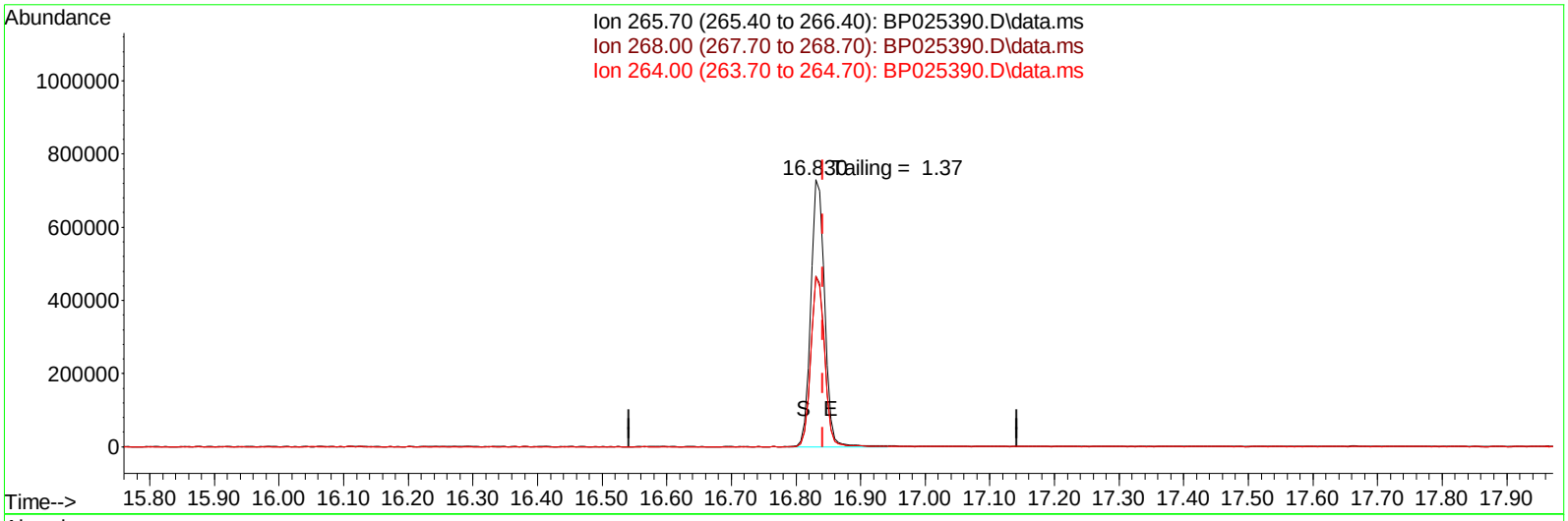
Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	BP025390.D
Compound Name	**Response**	**Retention Time**
DDT	2976098	20.818
DDD	52170	20.407
DDE	9165	19.824
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
61335	3037433	2.02

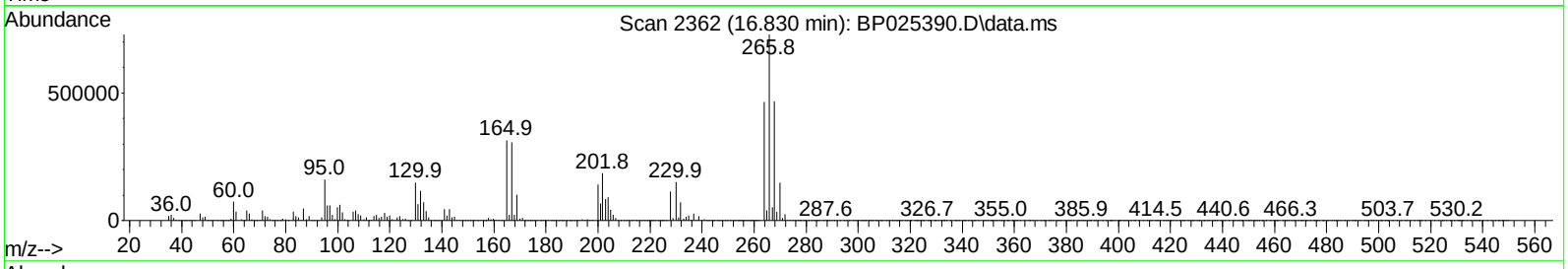
Instrument :
BNA_P
ClientSampleId :
DFTPP

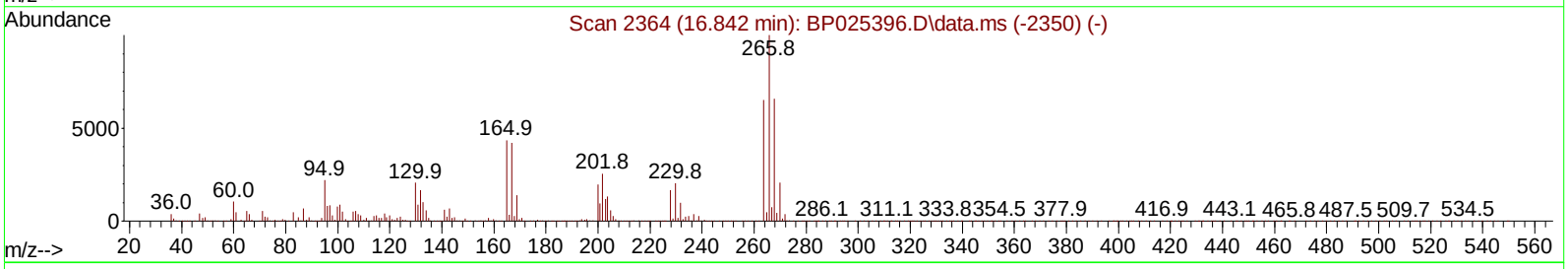
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

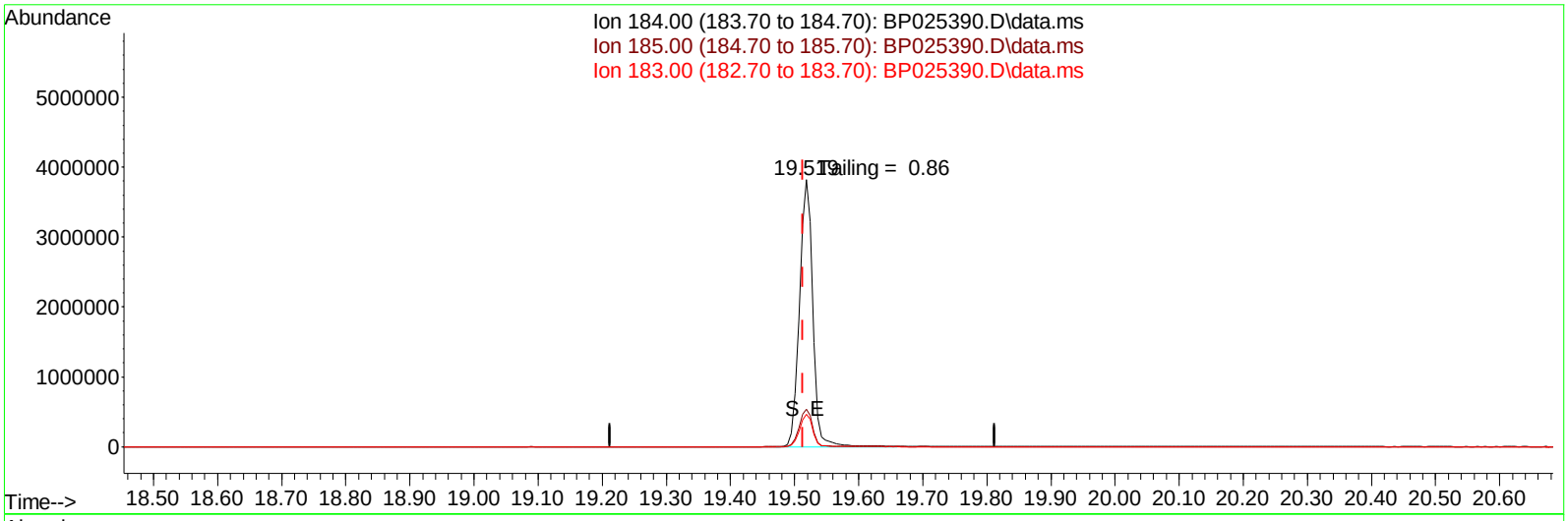
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.04
264.00	65.00	63.79
0.00	0.00	0.00

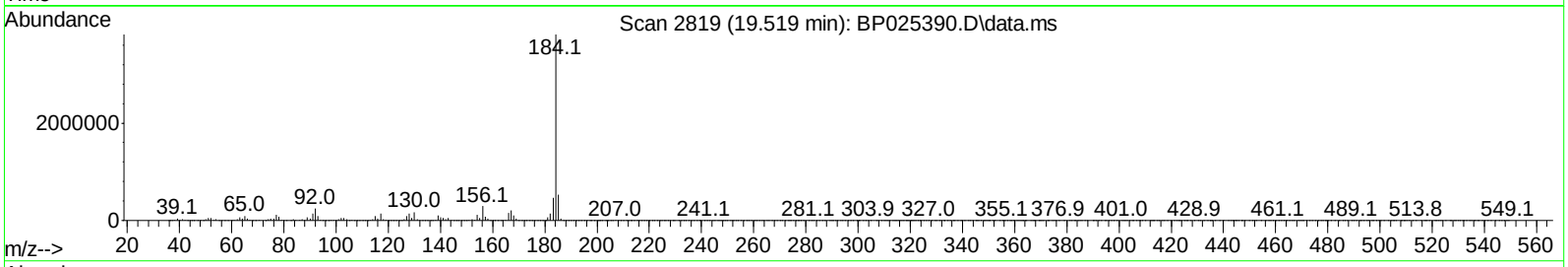
Sample Results: **BP025390.D**

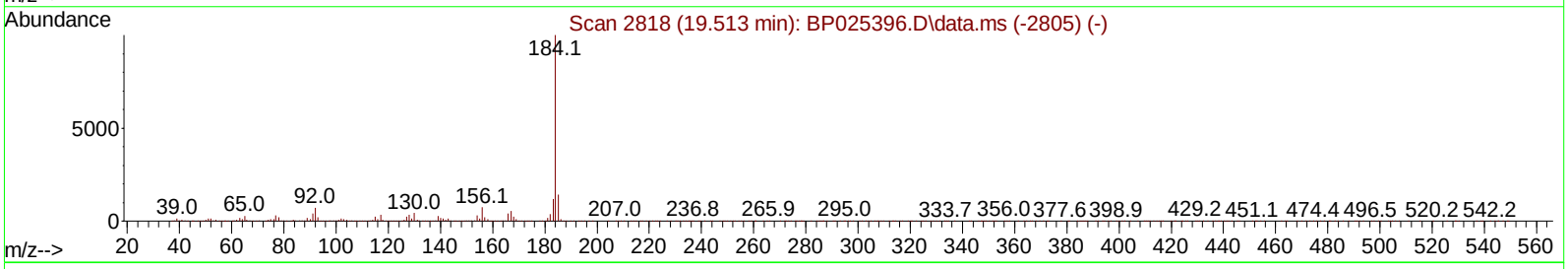
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

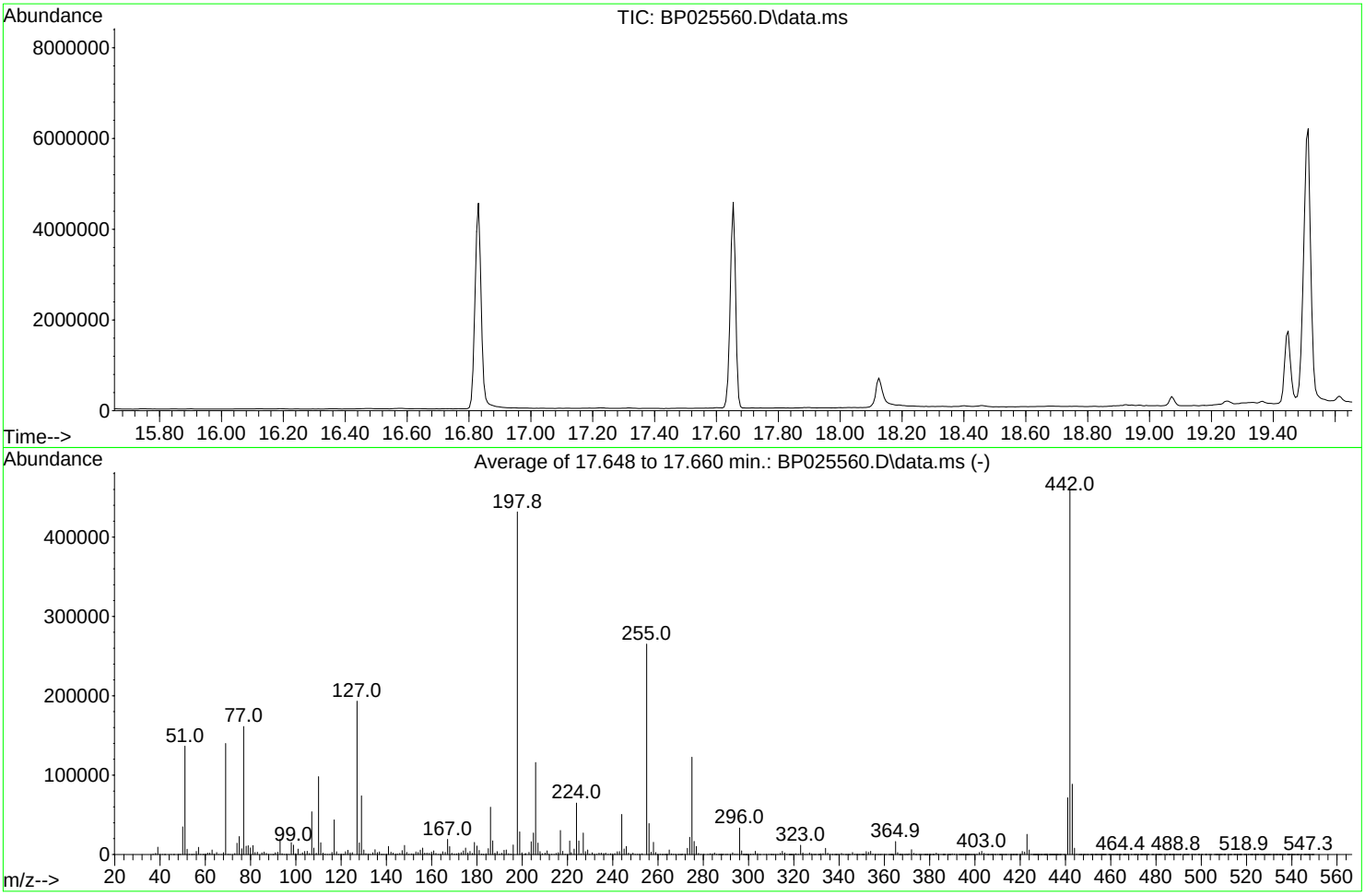
Sample Results: **BP025560.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
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 2501, 2502, 2503; Background Corrected with Scan 2491

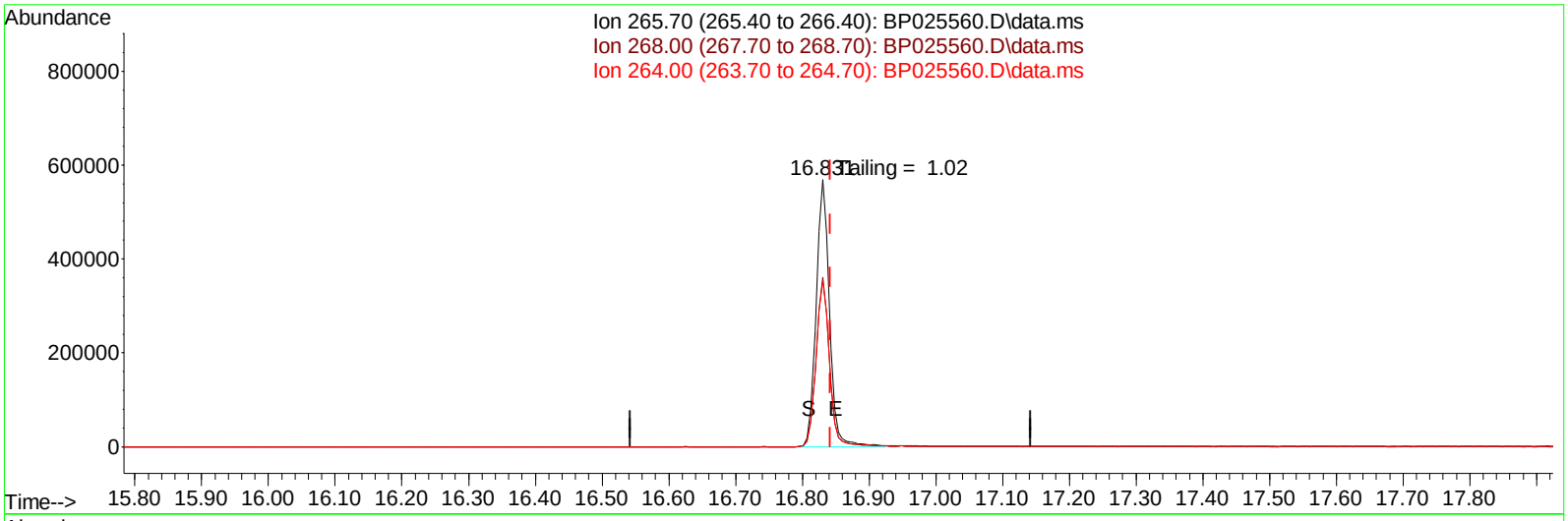
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	2382	PASS
69	69	100	100	100.0	139943	PASS
70	69	0.00	2	0.3	445	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	431644	PASS
199	198	5	9	6.6	28690	PASS
365	198	1	100	3.8	16344	PASS
441	443	0.01	150	80.8	71635	PASS
442	442	100	100	100.0	458603	PASS
443	442	15	24	19.3	88643	PASS

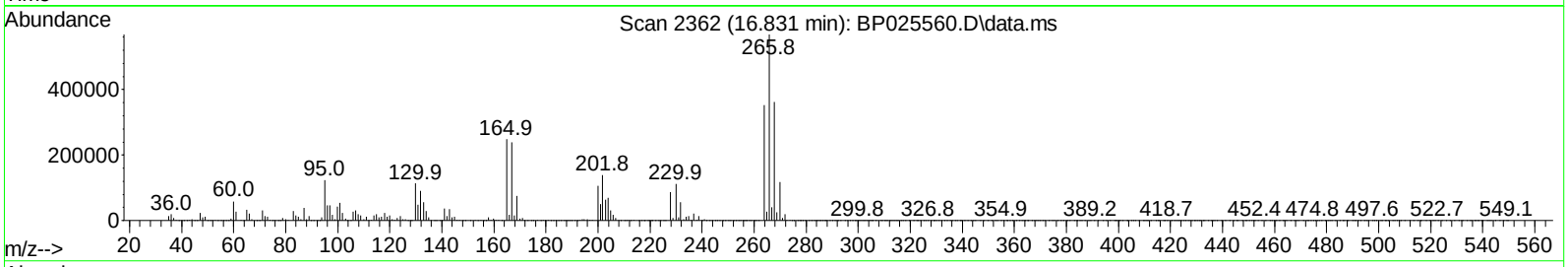
Sample Results: **BP025560.D**

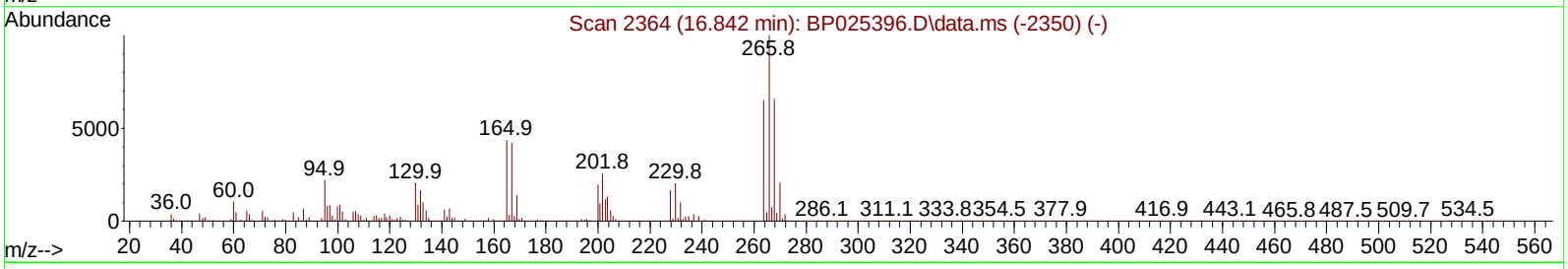
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 25 12:41:12 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: BP025560.D\data.ms

(70) Pentachlorophenol (C)

16.831min (-0.012) 30402.24 ng

response 788586

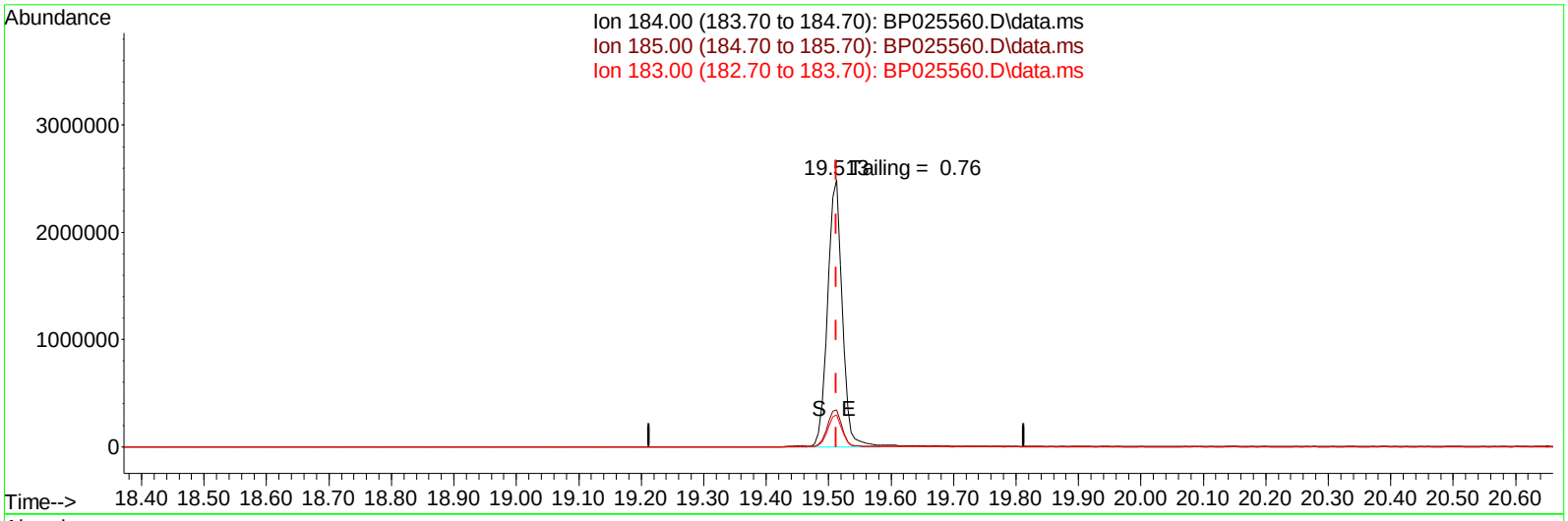
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	63.60
264.00	65.00	62.15
0.00	0.00	0.00

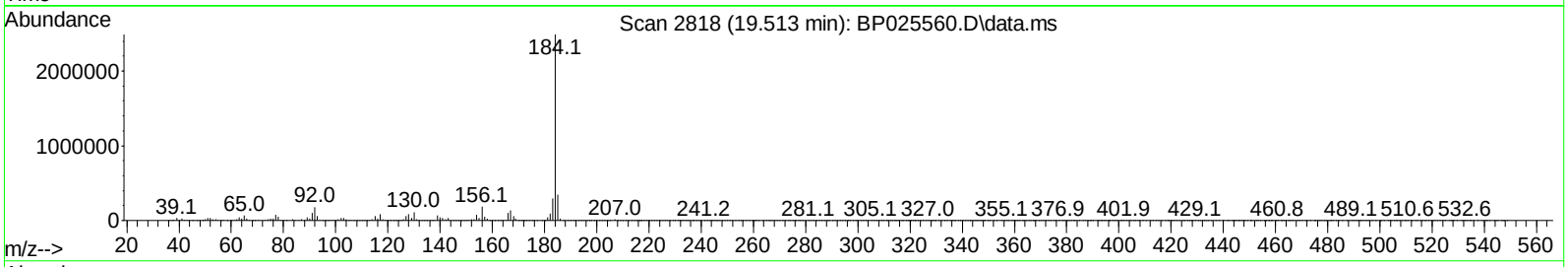
Sample Results: **BP025560.D**

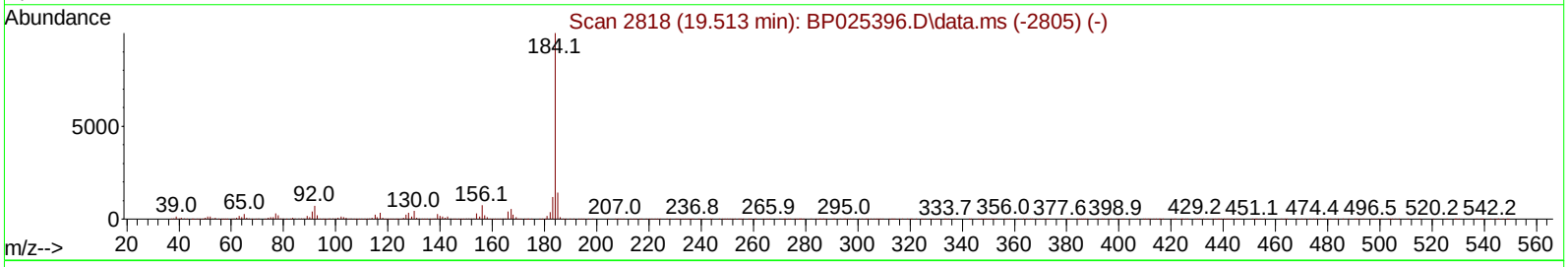
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 25 12:41:12 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: BP025560.D\data.ms

(77) Benzidine

19.513min (+ 0.000) 18802.33 ng

response 4079827

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.93
183.00	11.80	12.00
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/25/2025	BNA_P	BP025560.D
Compound Name	**Response**	**Retention Time**
DDT	2097133	20.807
DDD	38651	20.342
DDE	4733	19.819
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
43384	2140517	2.03

Instrument :
BNA_P
ClientSampleId :
DFTPP

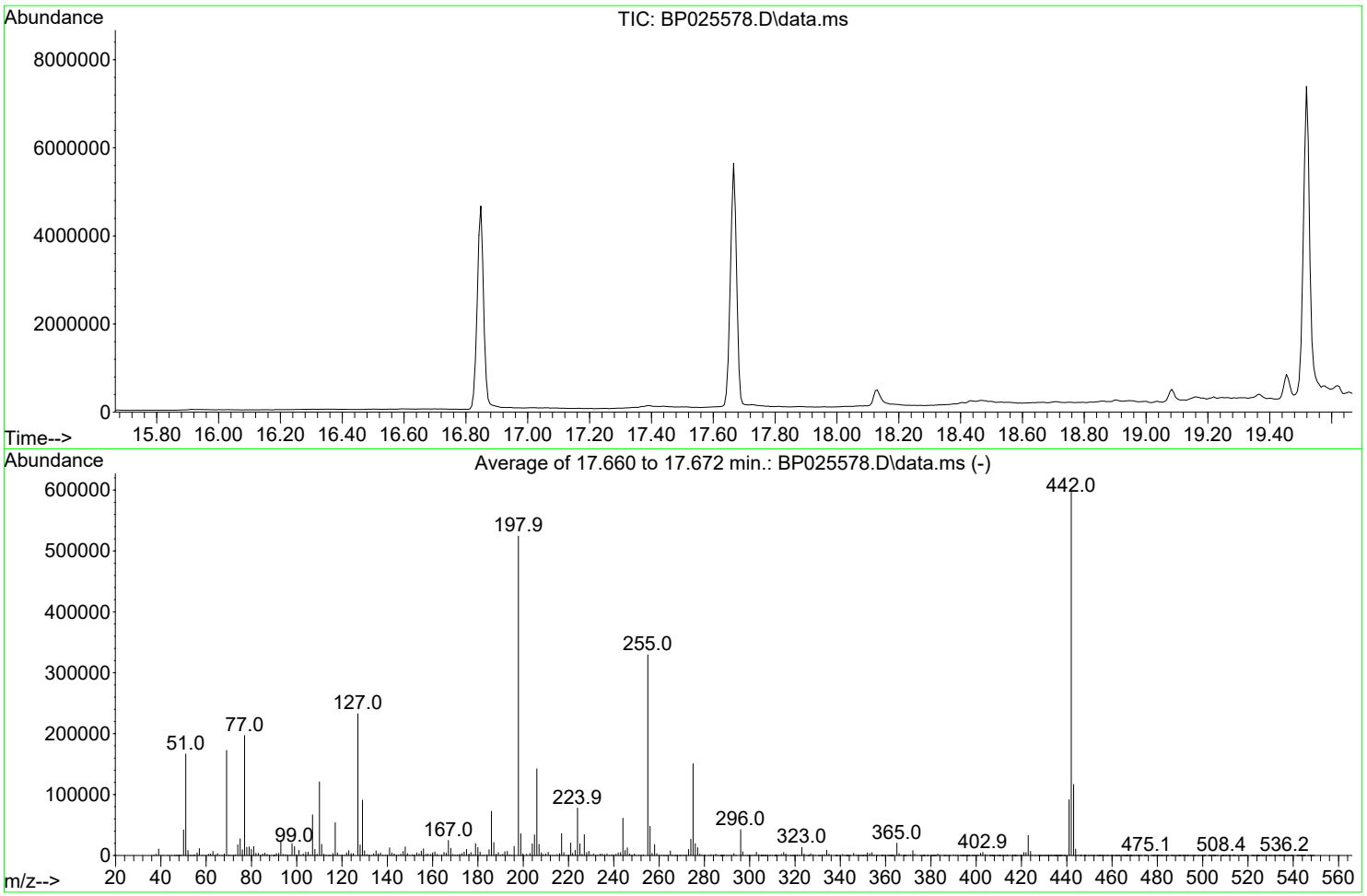
Sample Results: **BP025578.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
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 2493

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	2756	PASS
69	69	100	100	100.0	172546	PASS
70	69	0.00	2	0.6	1035	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	524501	PASS
199	198	5	9	6.8	35733	PASS
365	198	1	100	3.9	20440	PASS
441	443	0.01	150	78.3	91453	PASS
442	442	100	100	100.0	597035	PASS
443	442	15	24	19.6	116747	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/26/2025	BNA_P	BP025578.D
Compound Name	**Response**	**Retention Time**
DDT	2136201	20.813
DDD	101241	20.354
DDE	5903	19.819
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
107144	2243345	4.78

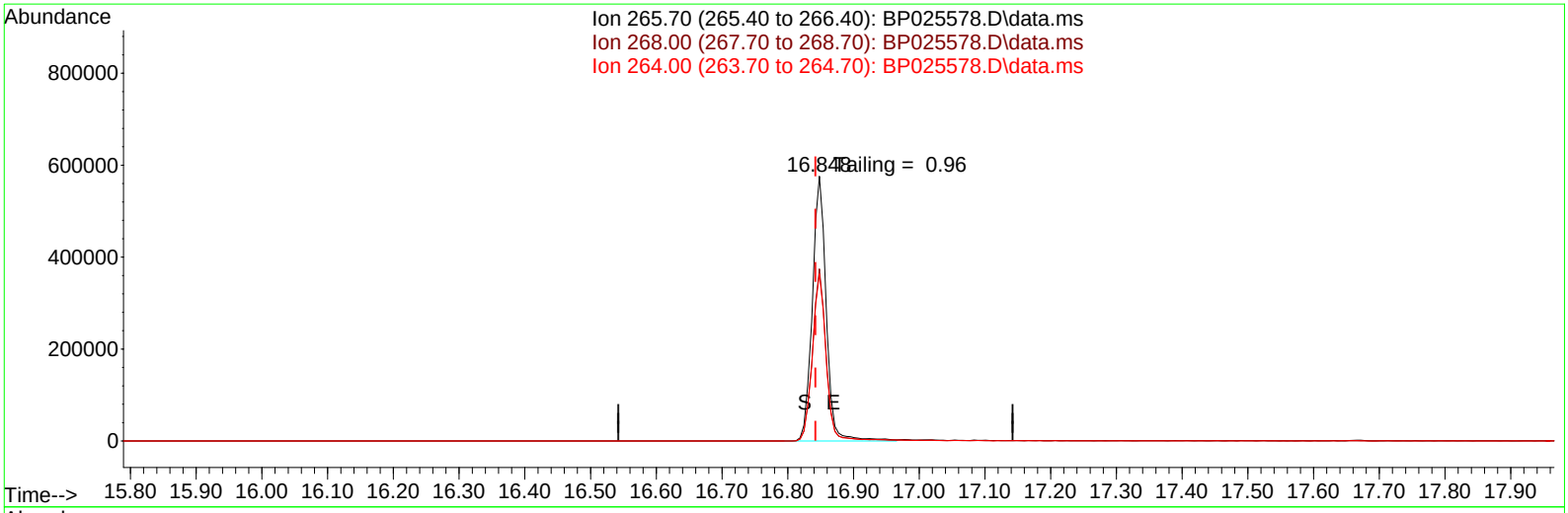
Instrument :
BNA_P
ClientSampleId :
DFTPP

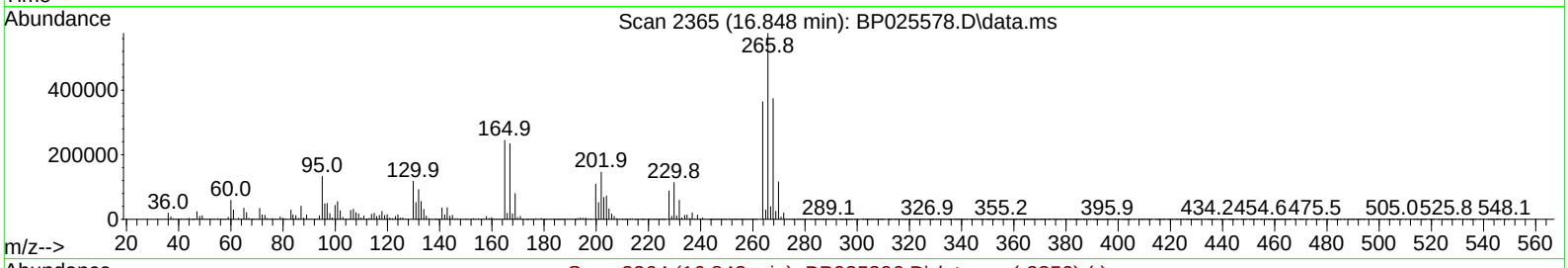
Sample Results: **BP025578.D**

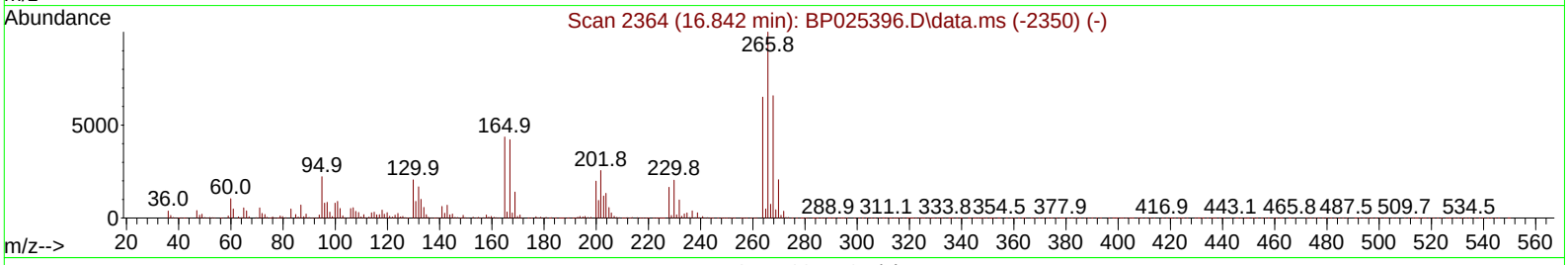
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 26 09:35:45 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: BP025578.D\data.ms

(70) Pentachlorophenol (C)

16.848min (+ 0.006) 901788.49 ng

response 849129

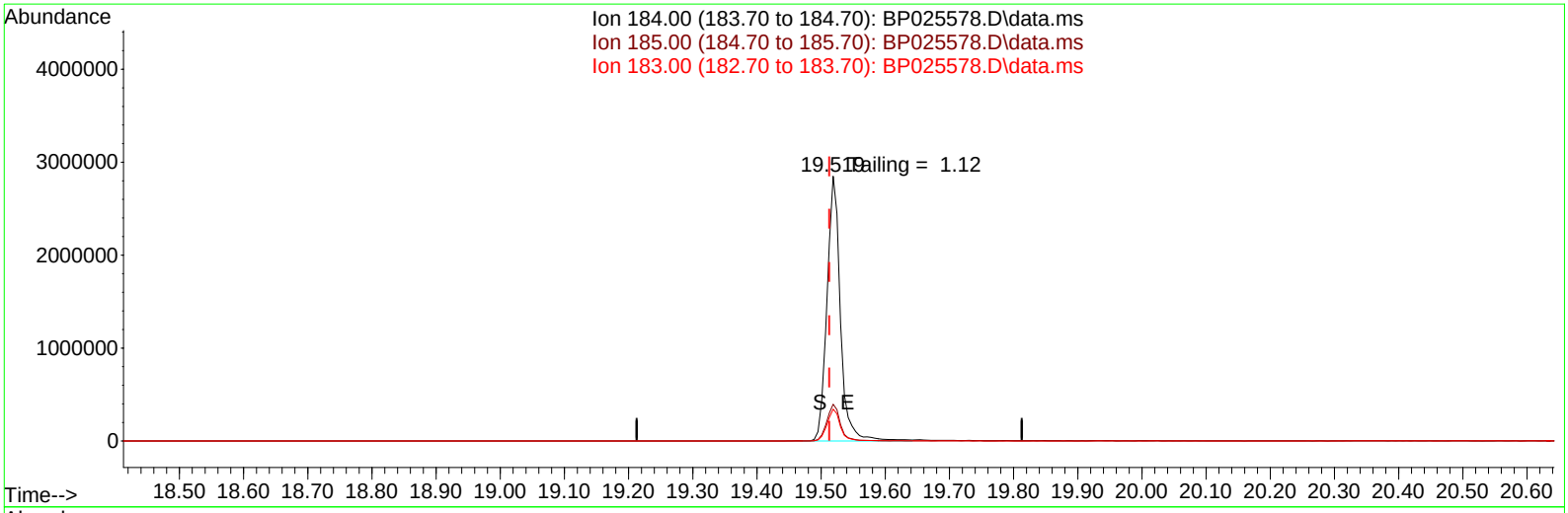
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.98
264.00	65.00	63.17
0.00	0.00	0.00

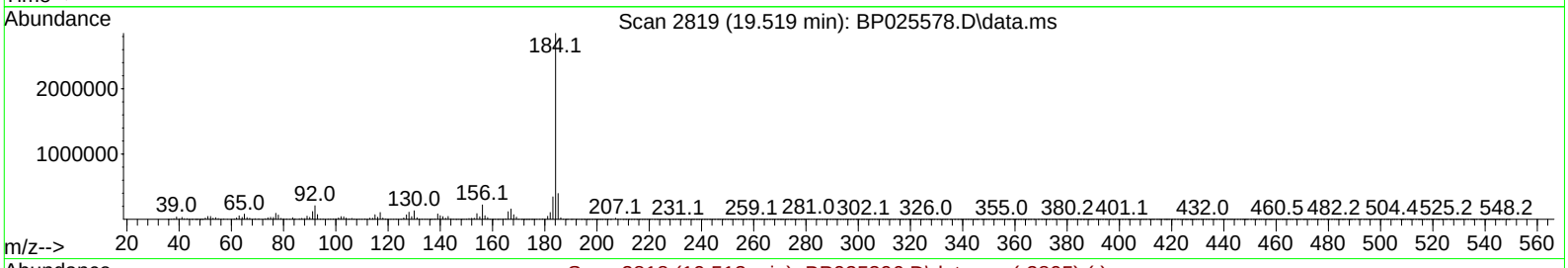
Sample Results: **BP025578.D**

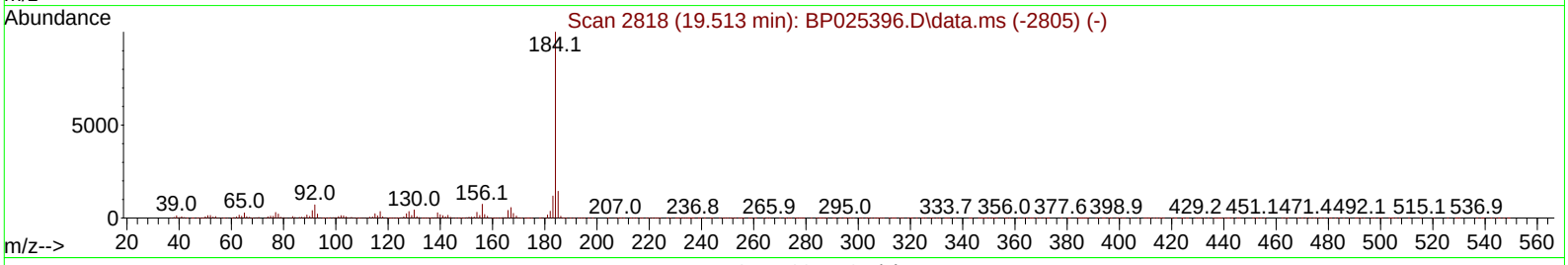
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 26 09:35:45 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: BP025578.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 262076.27 ng

response 4167956

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.88
183.00	11.80	12.08
0.00	0.00	0.00

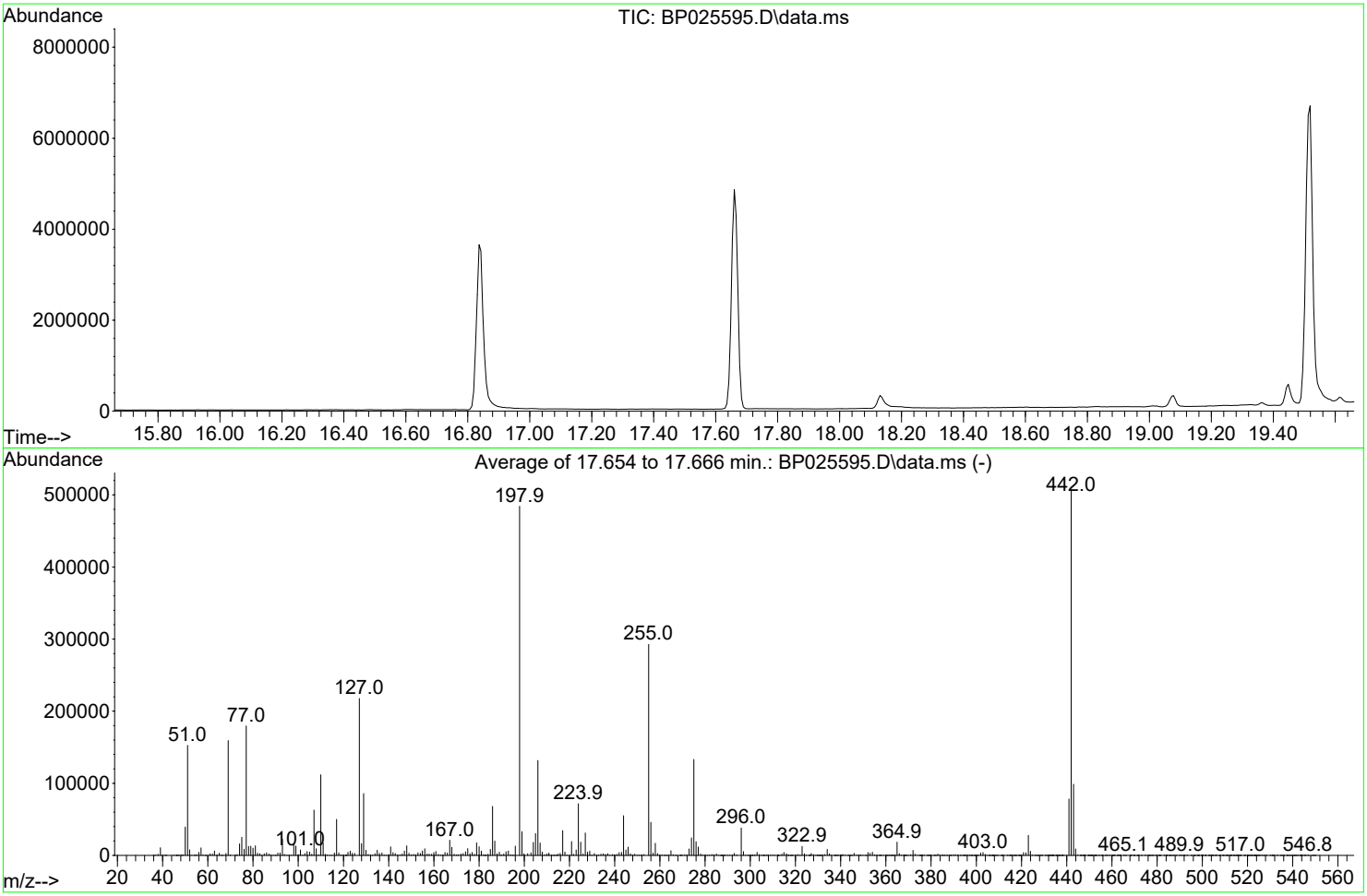
Sample Results: **BP025595.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2502, 2503, 2504; Background Corrected with Scan 2495

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	2647	PASS
69	69	100	100	100.0	159279	PASS
70	69	0.00	2	0.6	914	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	484263	PASS
199	198	5	9	6.8	33059	PASS
365	198	1	100	3.8	18407	PASS
441	443	0.01	150	79.2	78301	PASS
442	442	100	100	100.0	505318	PASS
443	442	15	24	19.6	98803	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/27/2025	BNA_P	BP025595.D
Compound Name	**Response**	**Retention Time**
DDT	2242813	20.807
DDD	65606	20.342
DDE	9202	19.819
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
74808	2317621	3.23

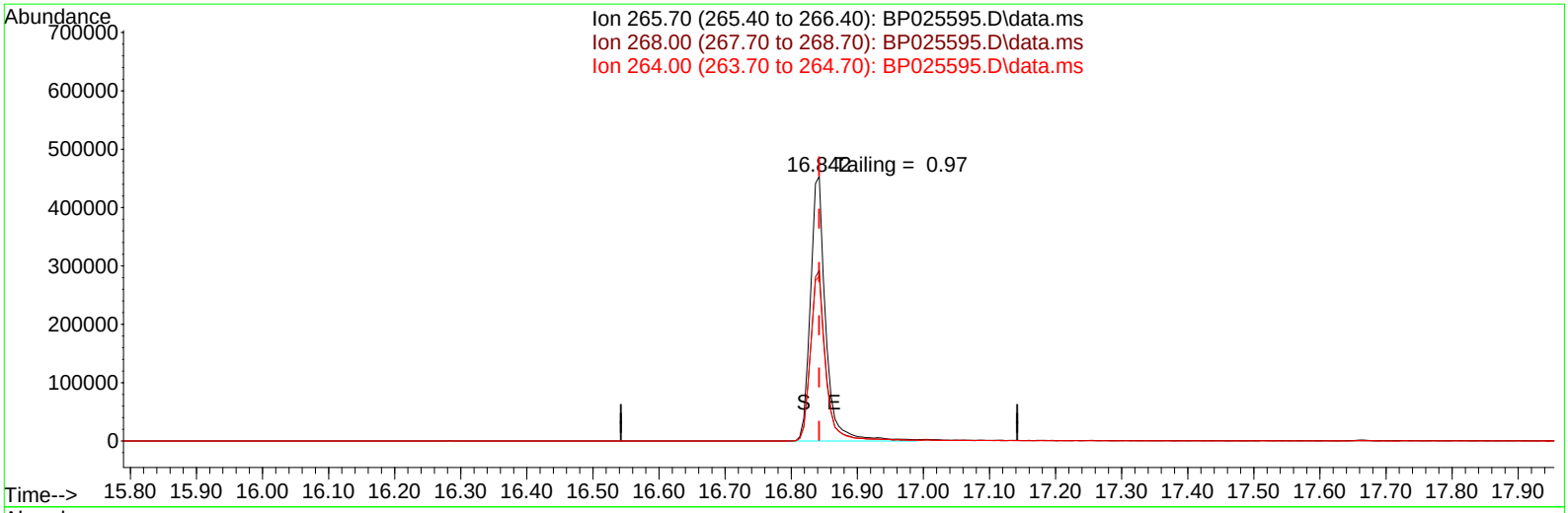
Instrument :
BNA_P
ClientSampleId :
DFTPP

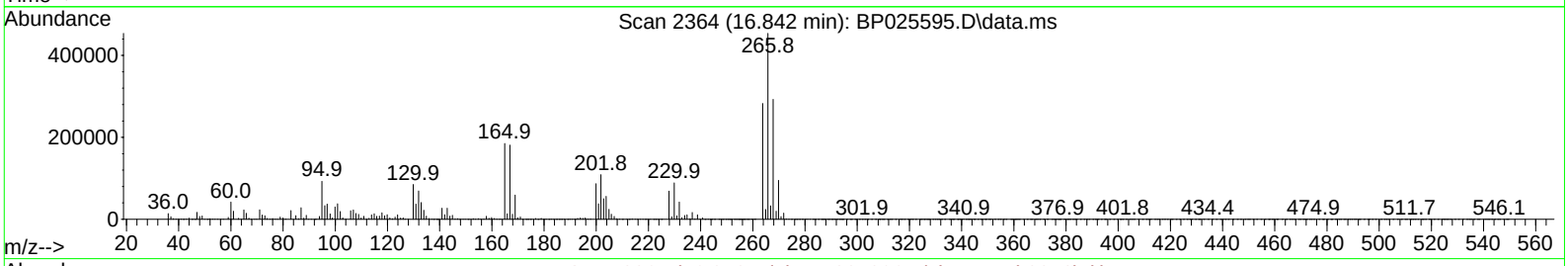
Sample Results: **BP025595.D**

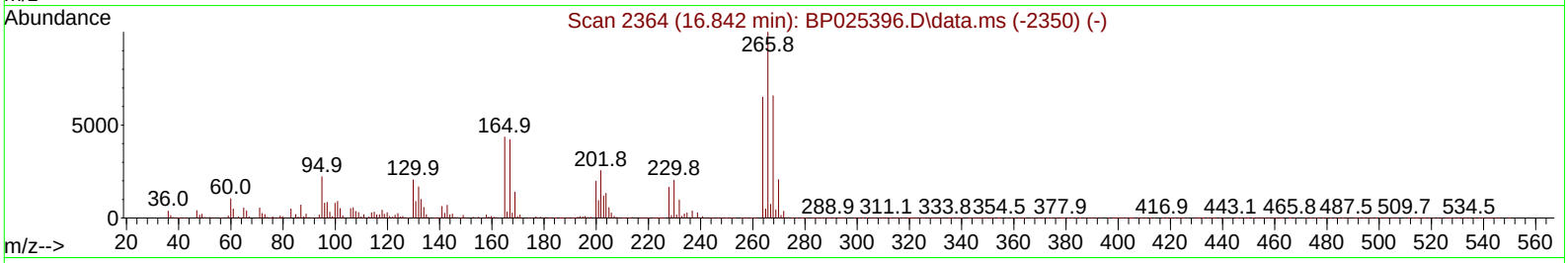
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 27 16:26:25 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







TIC: BP025595.D\data.ms

(70) Pentachlorophenol (C)

16.842min (+ 0.000) 1966640.70 ng

response 728058

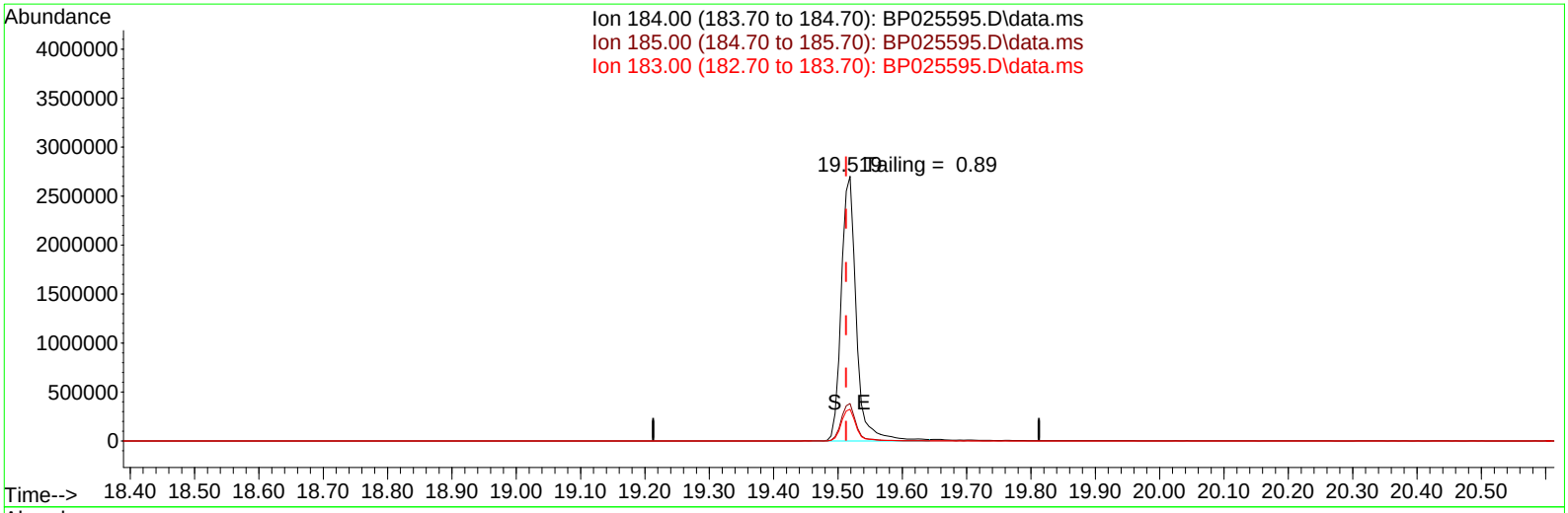
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.47
264.00	65.00	62.33
0.00	0.00	0.00

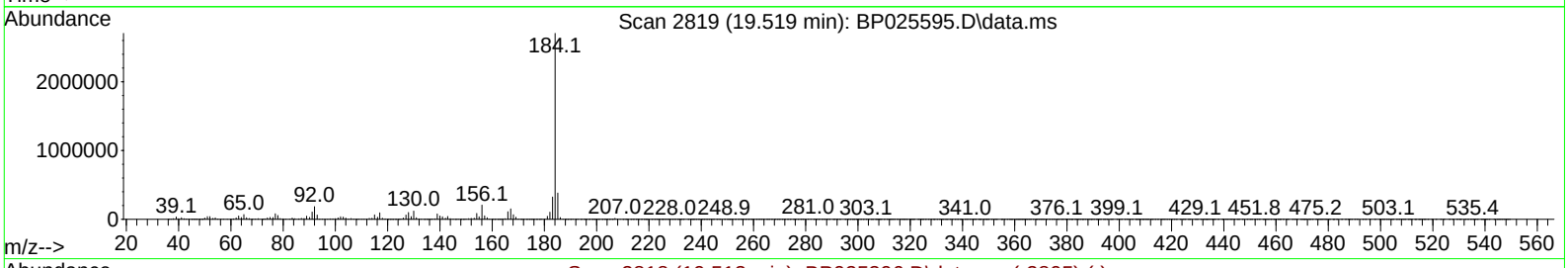
Sample Results: **BP025595.D**

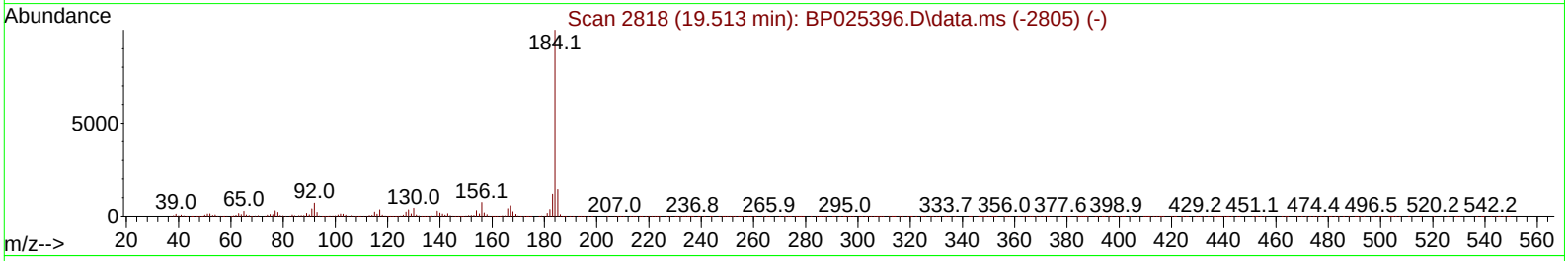
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 27 16:26:25 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







TIC: BP025595.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 862145.80 ng

response 4384060

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.17
183.00	11.80	11.99
0.00	0.00	0.00

Raw Data: **BP025597.D**

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

Report of Analysis

Client:	Hero Construction	Date Collected:	
Project:	Residential Soil Testing	Date Received:	
Client Sample ID:	PB169370BL	SDG No.:	Q2928
Lab Sample ID:	PB169370BL	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
BP025597.D	1	08/25/25 08:55	08/27/25 10:20	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Raw Data: **BP025597.D**

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

Report of Analysis

Client:	Hero Construction	Date Collected:	
Project:	Residential Soil Testing	Date Received:	
Client Sample ID:	PB169370BL	SDG No.:	Q2928
Lab Sample ID:	PB169370BL	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
BP025597.D	1	08/25/25 08:55	08/27/25 10:20	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Raw Data: **BP025597.D**

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

Report of Analysis

Client:	Hero Construction			Date Collected:	
Project:	Residential Soil Testing			Date Received:	
Client Sample ID:	PB169370BL			SDG No.:	Q2928
Lab Sample ID:	PB169370BL			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
BP025597.D	1	08/25/25 08:55	08/27/25 10:20	PB169370

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	138		18 - 112	92%	SPK: 150
13127-88-3	Phenol-d6	132		15 - 107	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.9		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.6		20 - 109	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		10 - 116	96%	SPK: 150
1718-51-0	Terphenyl-d14	78.8		10 - 105	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	143000	7.772			
1146-65-2	Naphthalene-d8	561000	10.549			
15067-26-2	Acenaphthene-d10	365000	14.401			
1517-22-2	Phenanthrene-d10	819000	17.201			
1719-03-5	Chrysene-d12	998000	21.648			
1520-96-3	Perylene-d12	1180000	25.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	420	A		4.94	ug/Kg
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	330	J		20.7	ug/Kg

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

Report of Analysis

Client:	Hero Construction			Date Collected:	
Project:	Residential Soil Testing			Date Received:	
Client Sample ID:	PB169370BL			SDG No.:	Q2928
Lab Sample ID:	PB169370BL			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
BP025597.D	1	08/25/25 08:55	08/27/25 10:20	PB169370

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\BP082725\
Data File : BP025597.D
Acq On : 27 Aug 2025 10:20
Operator : CG/JU
Sample : PB169370BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Quant Time: Aug 27 10:56:55 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

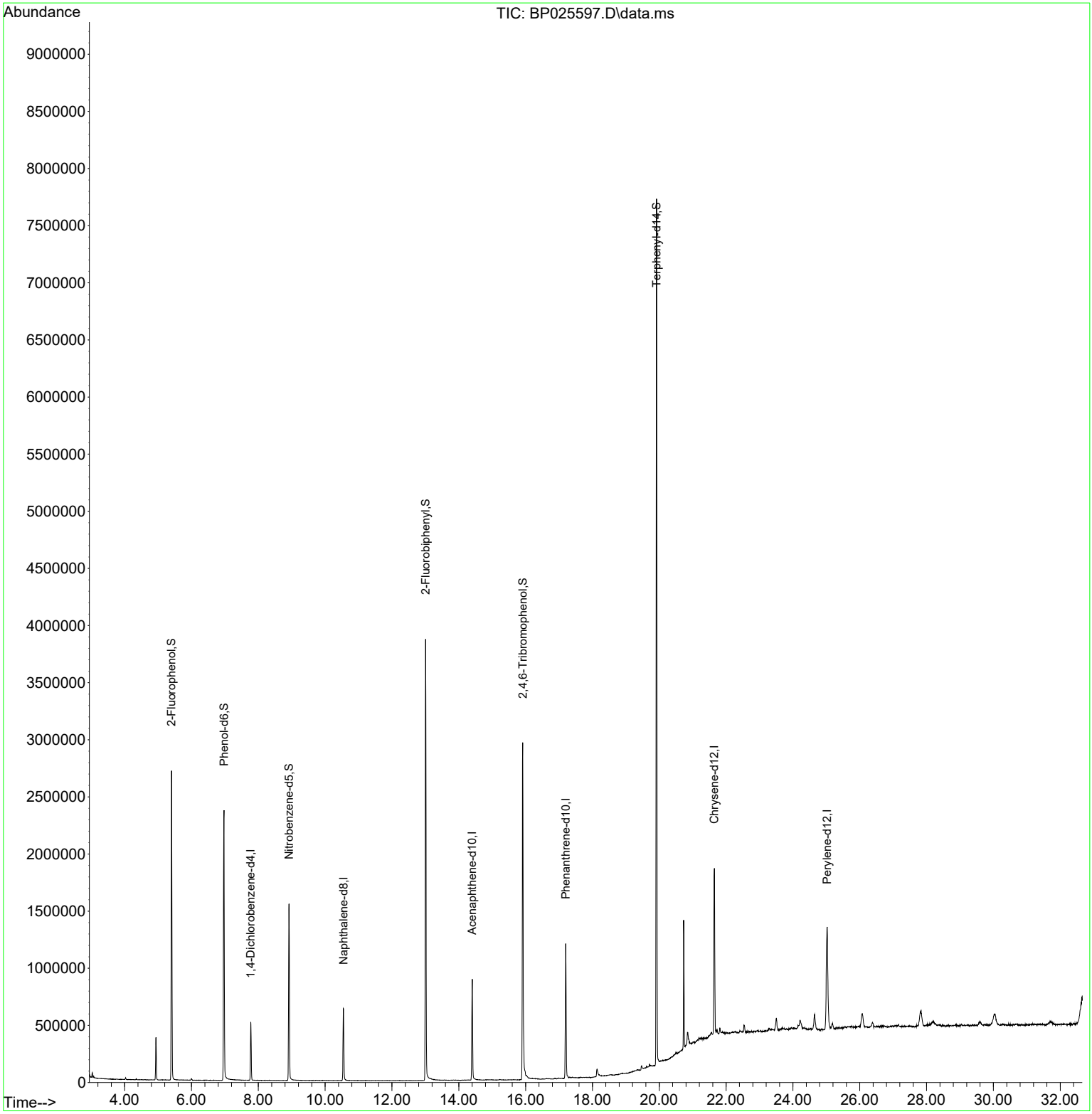
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	142863	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	561480	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	364523	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	819210	20.000	ng	0.00
76) Chrysene-d12	21.648	240	998187	20.000	ng	0.00
86) Perylene-d12	25.018	264	1177188	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1189127	138.229	ng	0.00
7) Phenol-d6	6.972	99	1461347	132.498	ng	0.00
23) Nitrobenzene-d5	8.919	82	931799	83.949	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	705767	143.843	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2150241	80.618	ng	-0.01
79) Terphenyl-d14	19.919	244	4300247	78.819	ng	0.00
Target Compounds						Qvalue

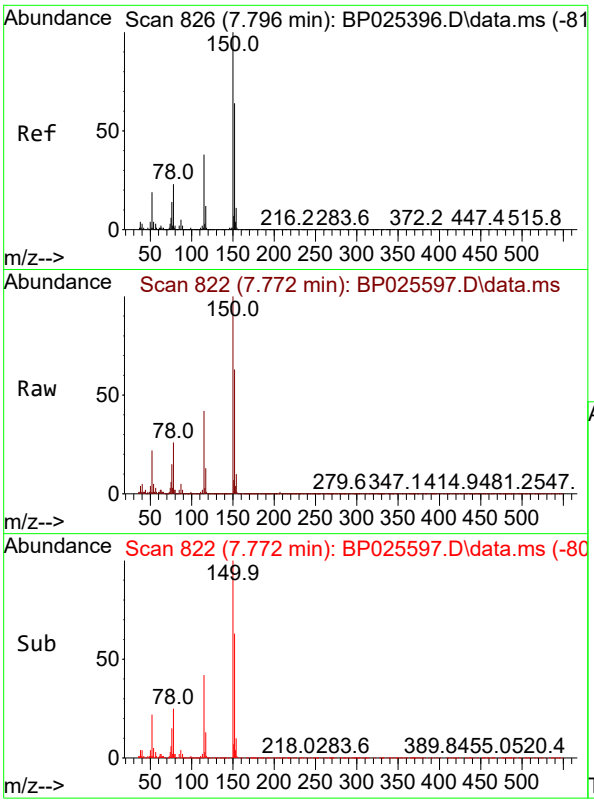
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025597.D
Acq On : 27 Aug 2025 10:20
Operator : CG/JU
Sample : PB169370BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Quant Time: Aug 27 10:56:55 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



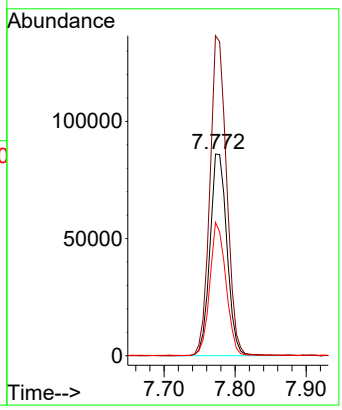


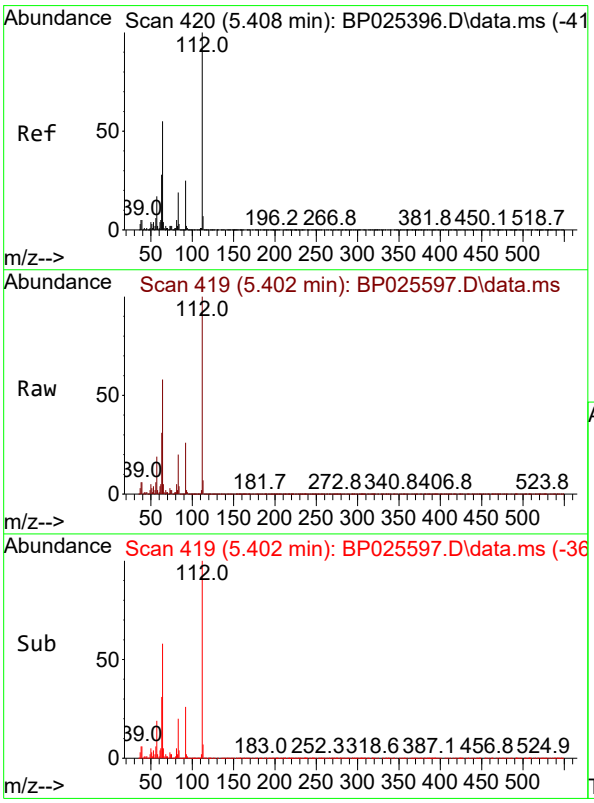
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Tgt Ion:152 Resp: 142863

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.9	188.9
115	66.1	48.5	72.7

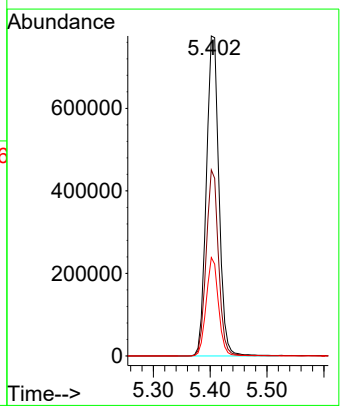


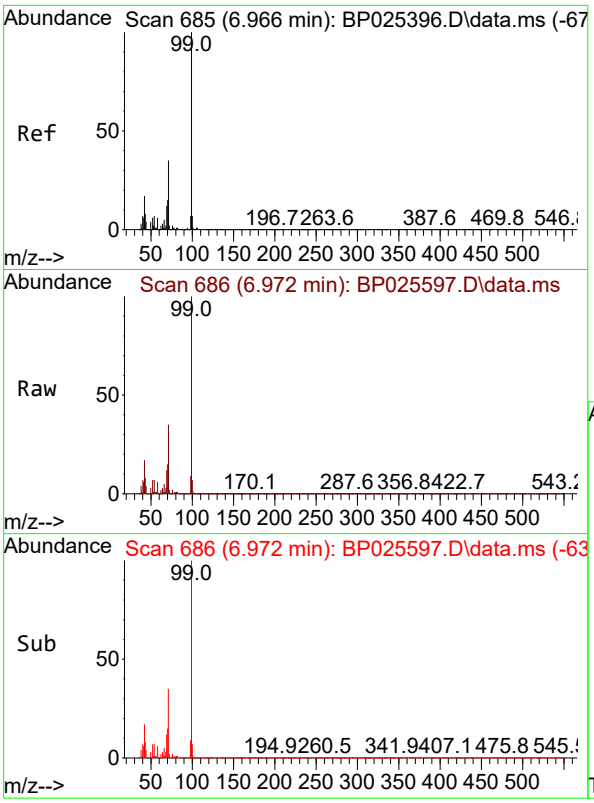


#5
2-Fluorophenol
Concen: 138.229 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Tgt Ion:112 Resp: 1189127

Ion	Ratio	Lower	Upper
112	100		
64	58.1	43.8	65.8
63	30.8	22.7	34.1



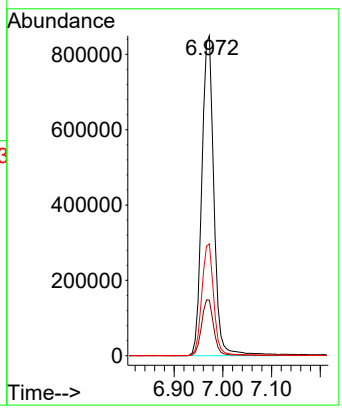


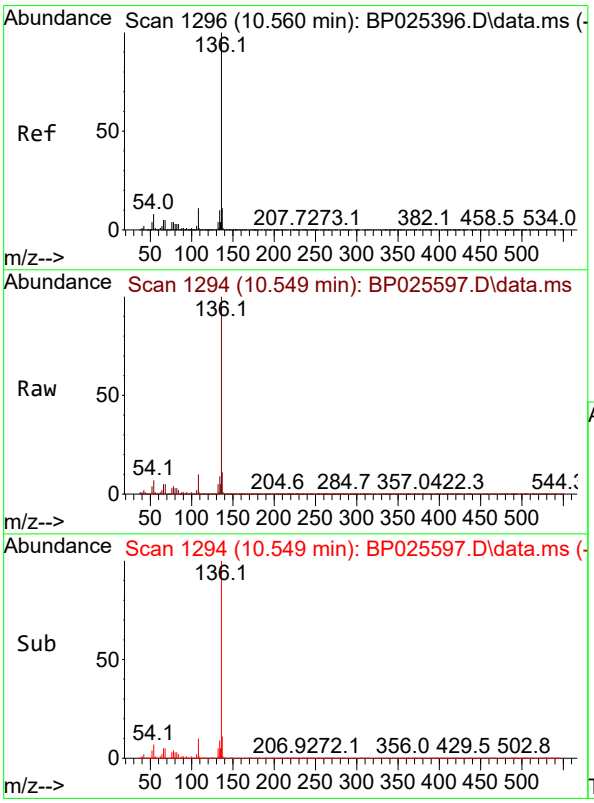
#7
Phenol-d6
Concen: 132.498 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Tgt Ion: 99 Resp: 1461347

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	34.9	28.2	42.4

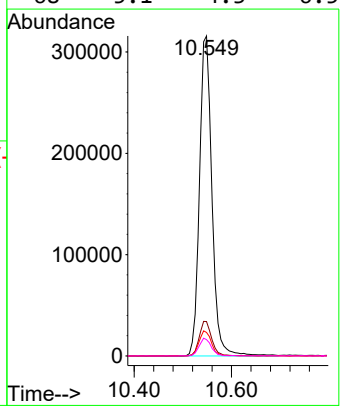


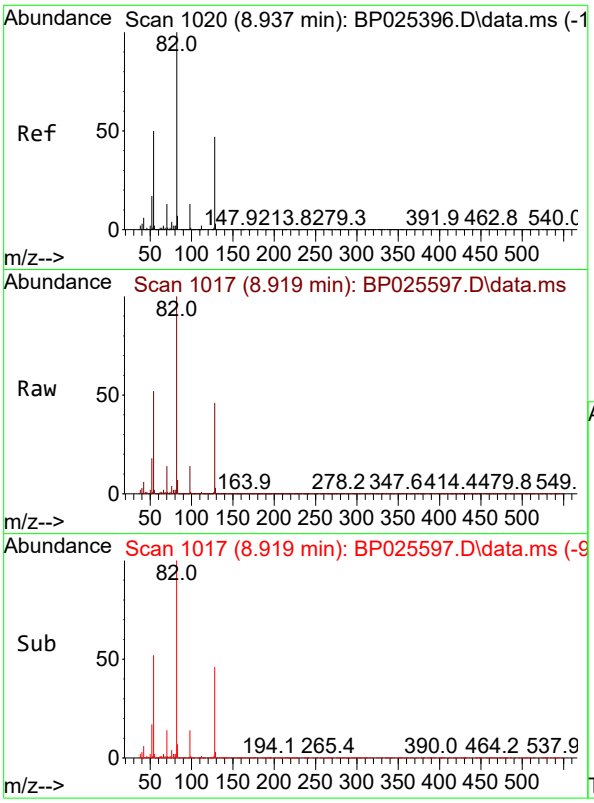


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Tgt Ion:136 Resp: 561480

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.4	6.0	9.0
68	5.1	4.3	6.5



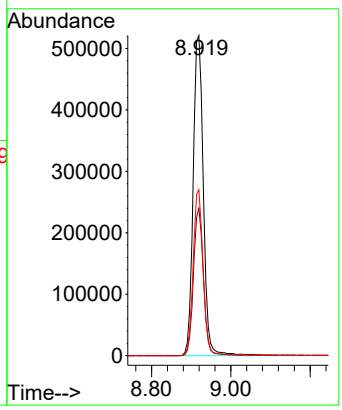


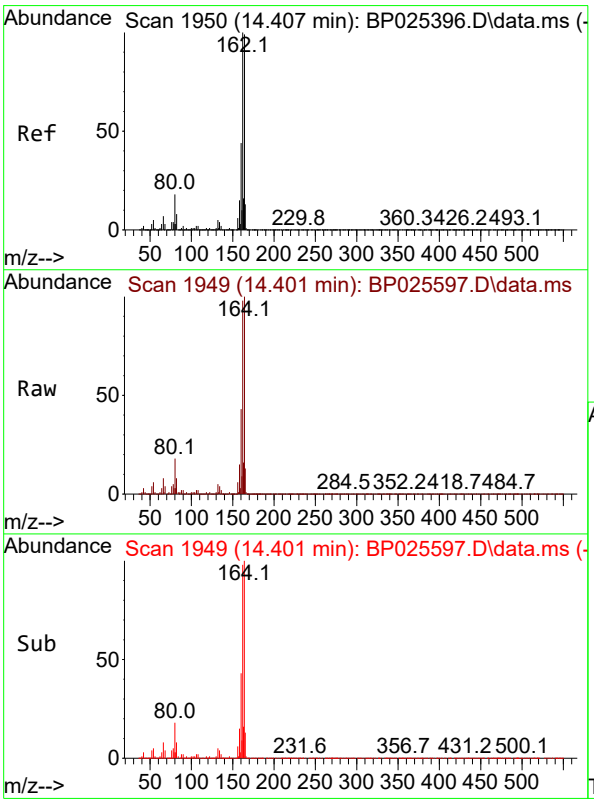
#23
Nitrobenzene-d5
Concen: 83.949 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Tgt Ion: 82 Resp: 931799

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	51.9	39.8	59.6

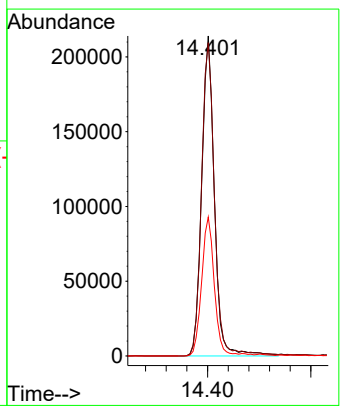


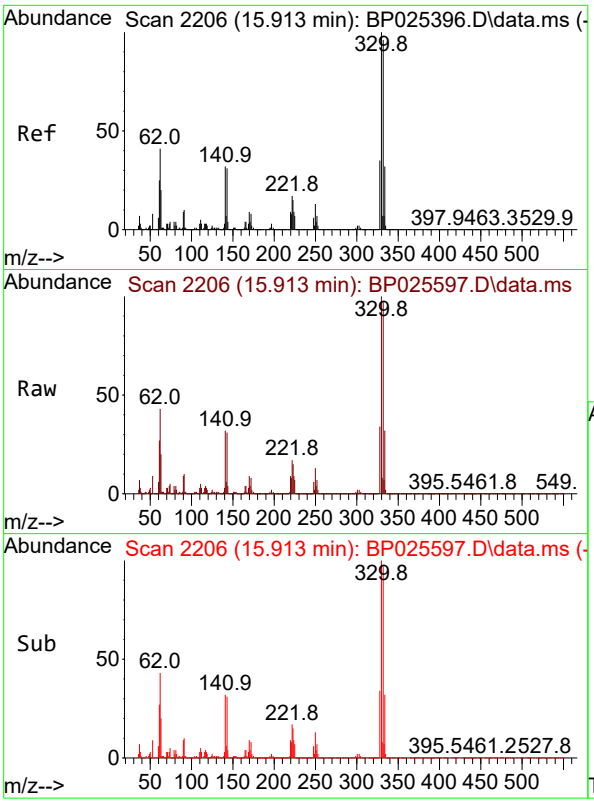


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Tgt Ion:164 Resp: 364523

Ion	Ratio	Lower	Upper
164	100		
162	97.9	81.0	121.6
160	43.4	35.4	53.2



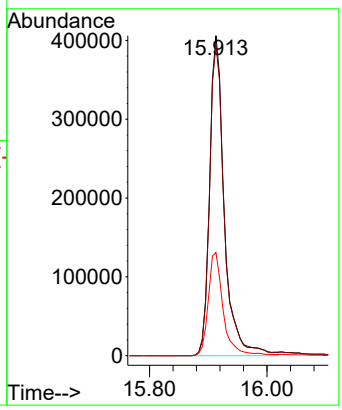


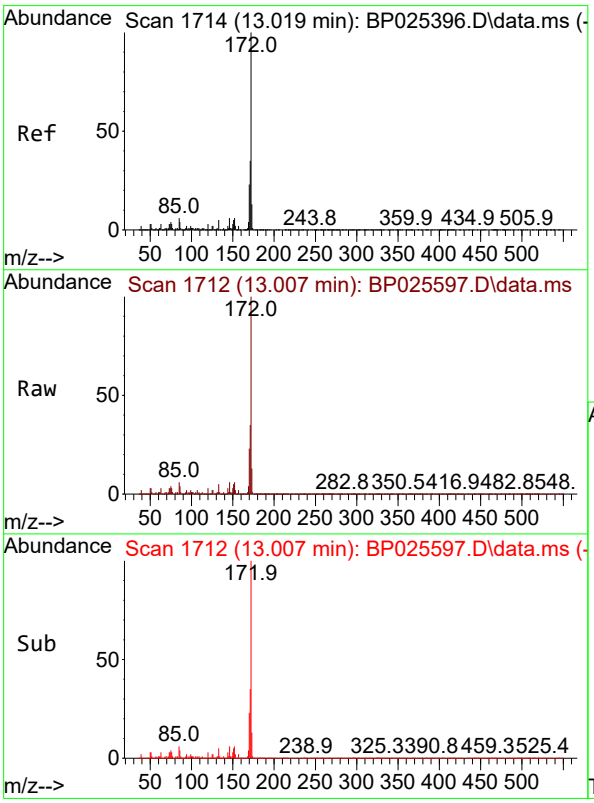
#42
2,4,6-Tribromophenol
Concen: 143.843 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Tgt Ion:330 Resp: 705767

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	32.9	26.6	39.8

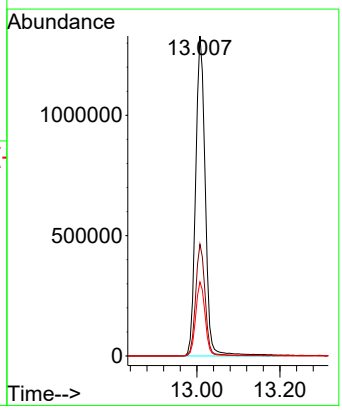


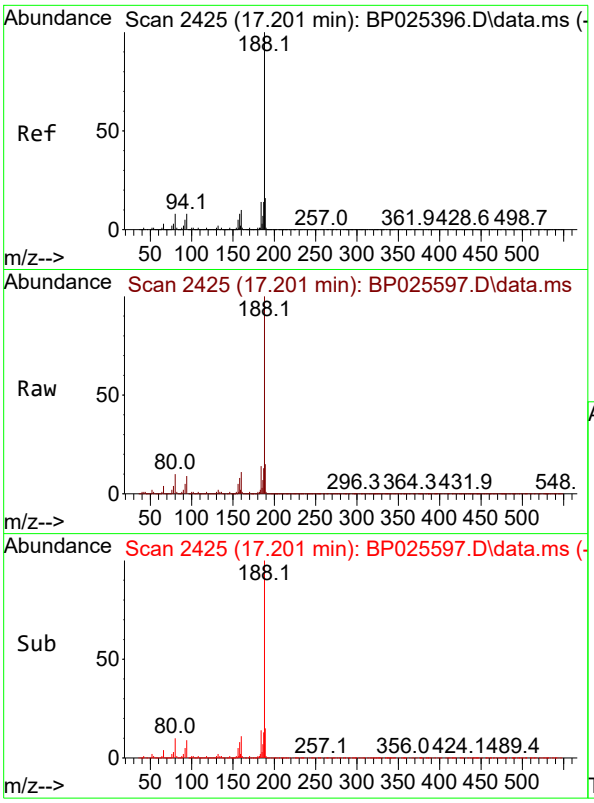


#45
2-Fluorobiphenyl
Concen: 80.618 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Tgt Ion:172 Resp: 2150241

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.1	18.6	28.0



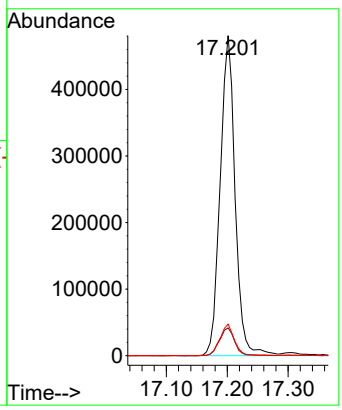


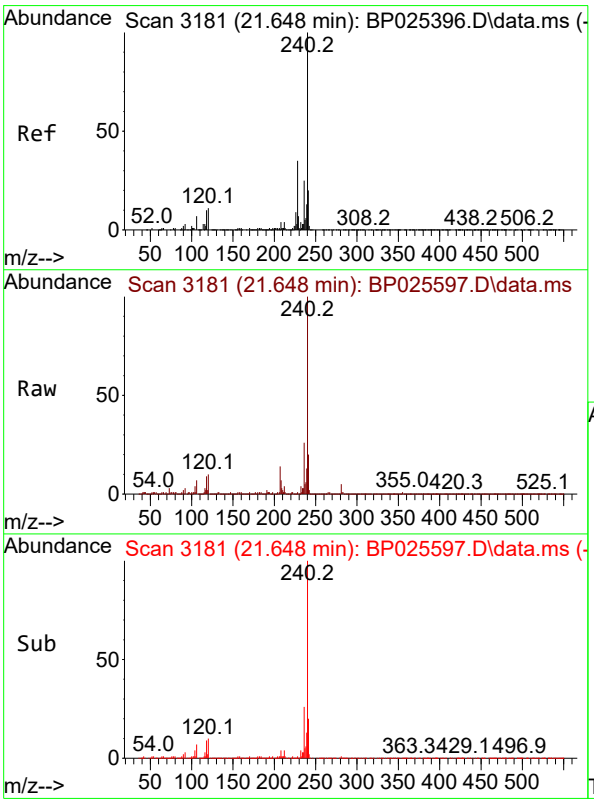
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Tgt Ion:188 Resp: 819210

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.8	6.7	10.1

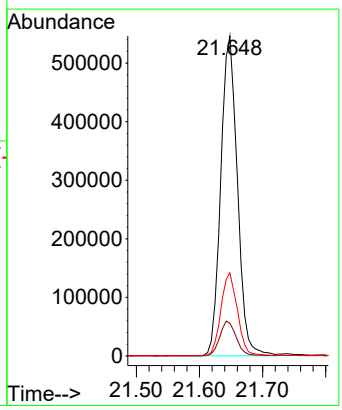


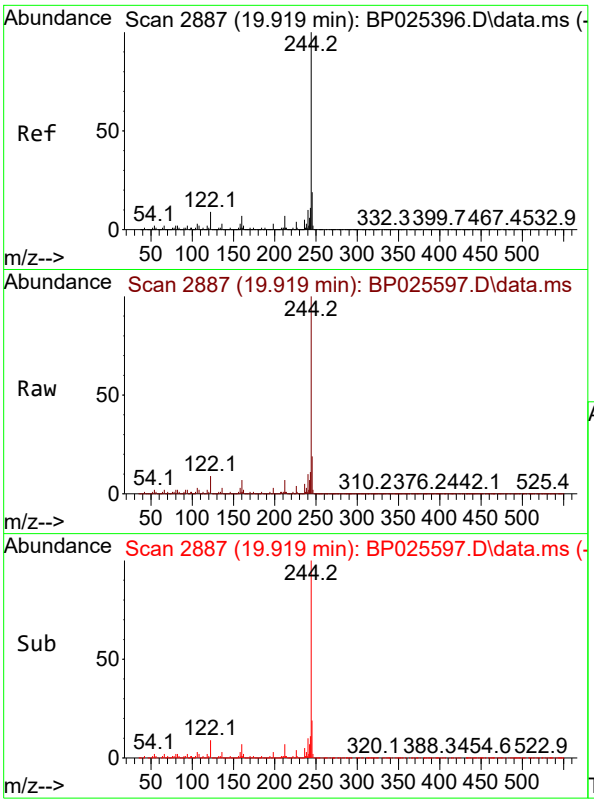


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Tgt Ion:240 Resp: 998187

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	26.0	19.8	29.8



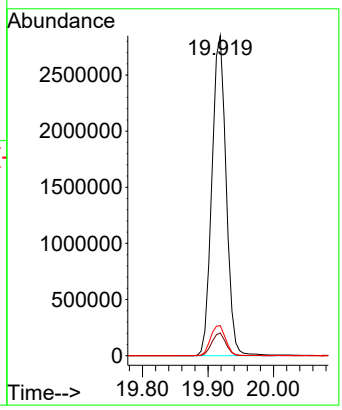


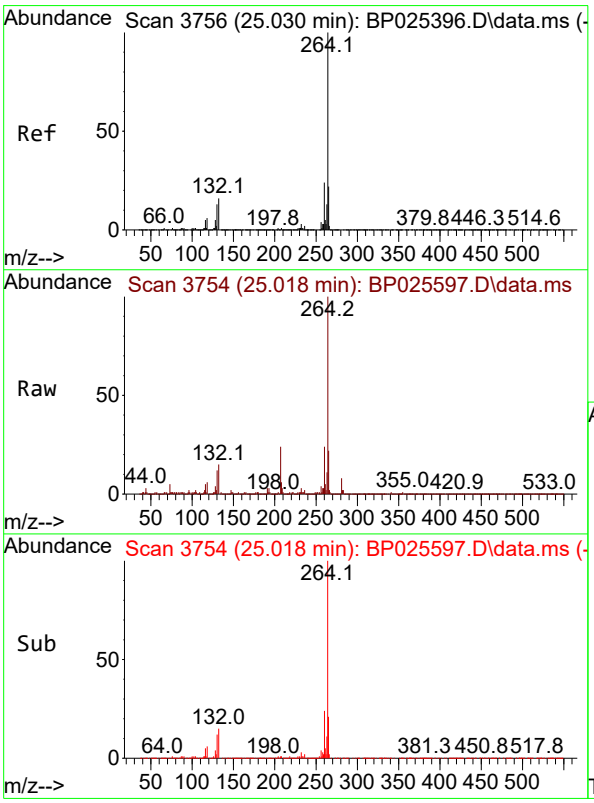
#79
Terphenyl-d14
Concen: 78.819 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Tgt Ion:244 Resp: 4300247

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.4	7.4	11.2

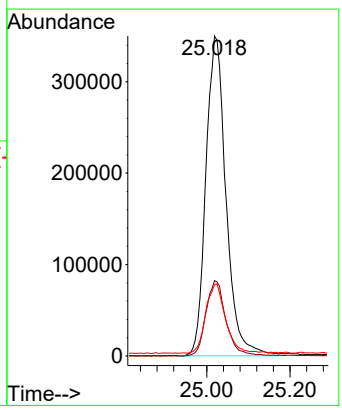




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025597.D
Acq: 27 Aug 2025 10:20

Tgt Ion:264 Resp: 1177188

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	22.3	17.4	26.0



Sample Results: **BP025597.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025597.D
Acq On : 27 Aug 2025 10:20
Operator : CG/JU
Sample : PB169370BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BL

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025597.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.937	334	340	350	rBV	372510	520253	4.50%	1.111%
2	5.402	412	419	431	rBV	2705668	4068633	35.22%	8.690%
3	6.972	678	686	709	rBV	2362945	4096913	35.46%	8.750%
4	7.772	816	822	832	rBV	510098	828617	7.17%	1.770%
5	8.919	1007	1017	1036	rBV	1547940	2749190	23.80%	5.872%
6	10.543	1285	1293	1309	rBV	632462	1138582	9.86%	2.432%
7	13.007	1705	1712	1735	rBV	3861413	6160819	53.33%	13.158%
8	14.401	1942	1949	1971	rBV	883570	1538959	13.32%	3.287%
9	15.913	2198	2206	2223	rBV	2951629	5280099	45.71%	11.277%
10	17.201	2417	2425	2439	rBV2	1180129	2038145	17.64%	4.353%
11	18.137	2579	2584	2593	rBV6	66153	186750	1.62%	0.399%
12	19.919	2880	2887	2895	rBV	7583738	11552541	100.00%	24.674%
13	20.730	3021	3025	3032	rBV	1122773	1295132	11.21%	2.766%
14	21.648	3175	3181	3191	rBV	1442432	2607796	22.57%	5.570%
15	25.024	3746	3755	3768	rVB	866965	2758424	23.88%	5.891%

Sum of corrected areas: 46820853

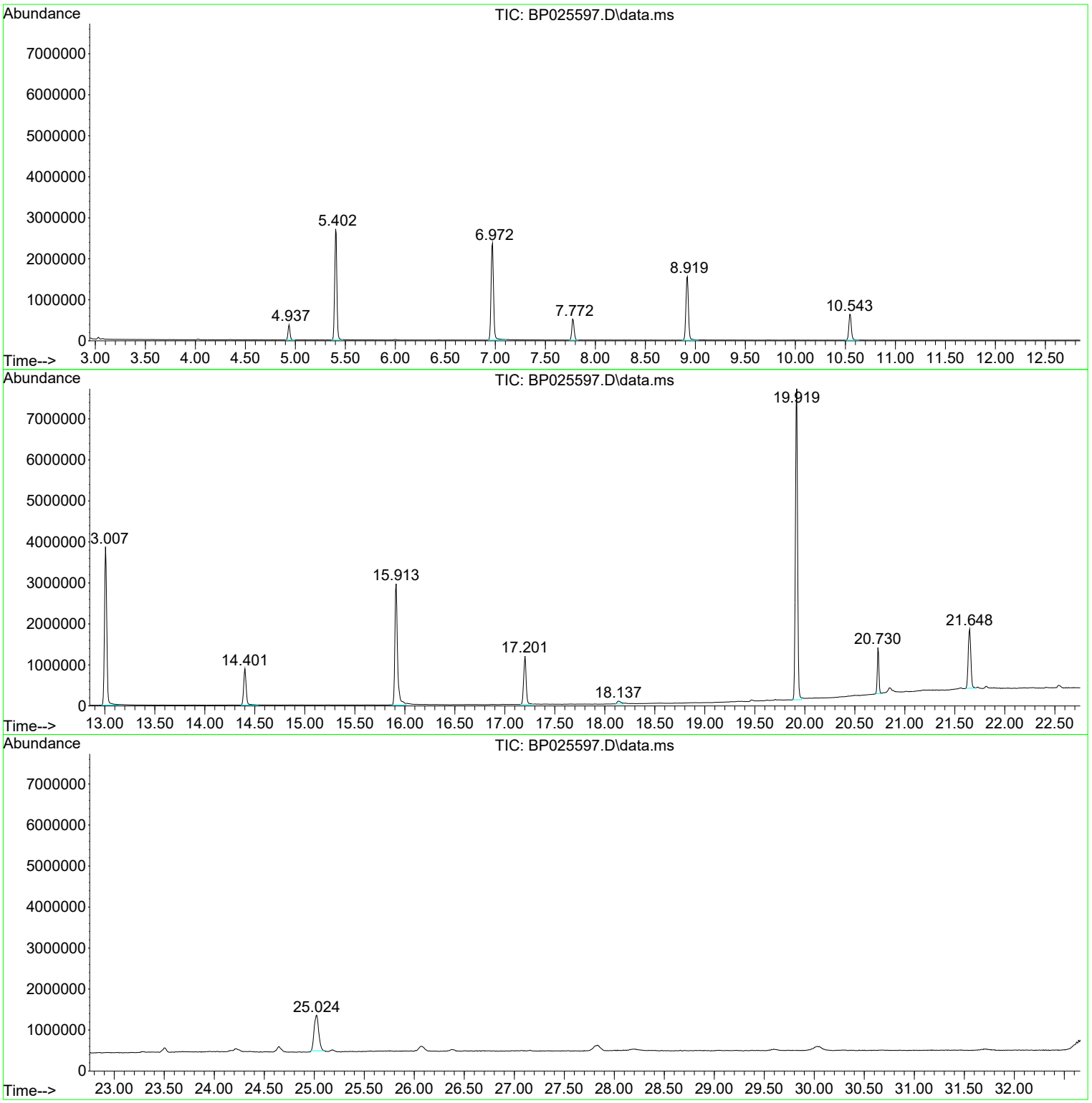
Sample Results: **BP025597.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025597.D
Acq On : 27 Aug 2025 10:20
Operator : CG/JU
Sample : PB169370BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP082725\
Data File : BP025597.D
Acq On : 27 Aug 2025 10:20
Operator : CG/JU
Sample : PB169370BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BL

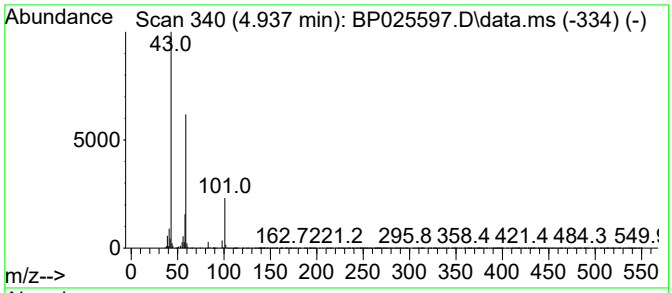
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

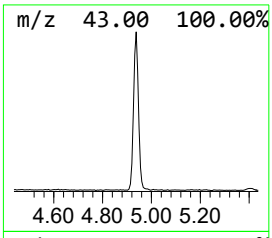
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

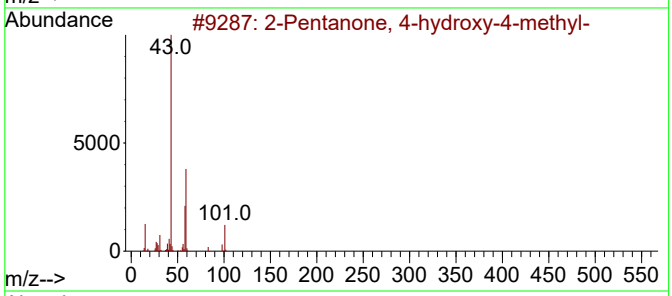
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

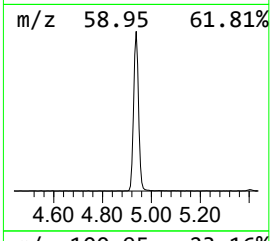
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	12.56 ng	520253	1,4-Dichlorobenzene-d4	7.772

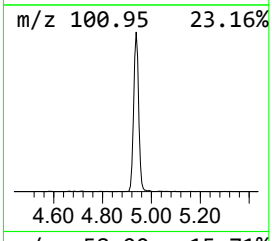
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9

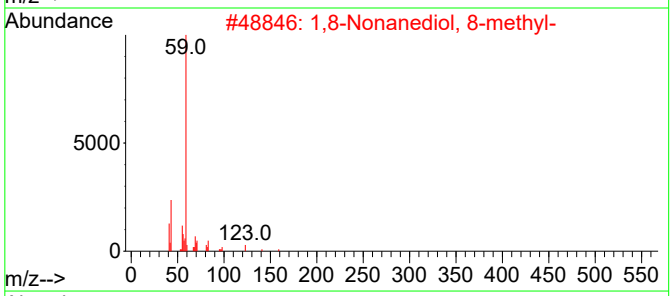


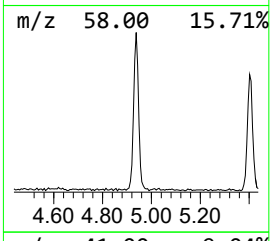


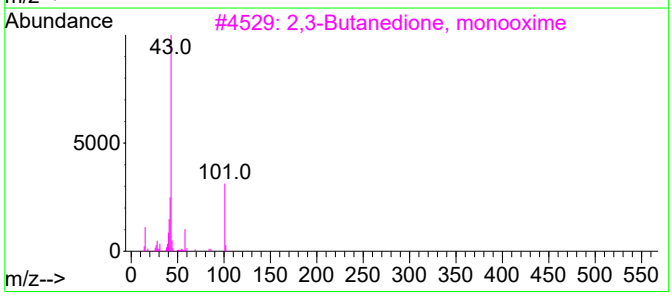


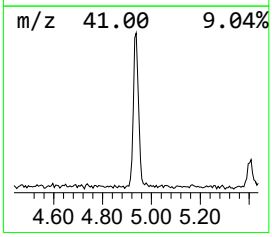












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025597.D
Acq On : 27 Aug 2025 10:20
Operator : CG/JU
Sample : PB169370BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BL

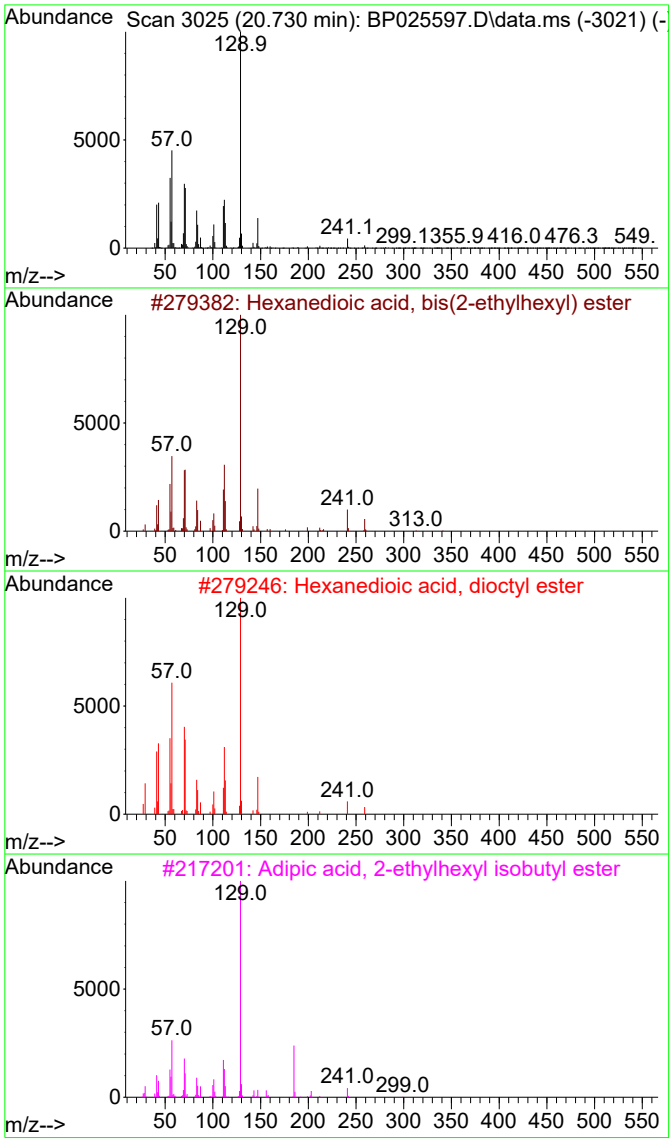
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

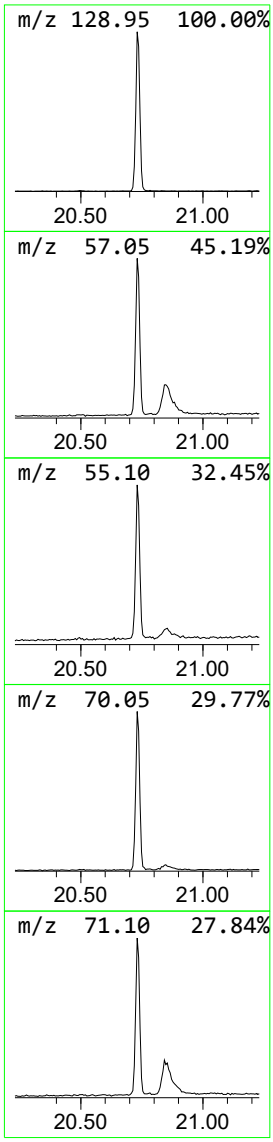
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.730	9.93 ng	1295130	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	72
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68
5	Adipic acid, di(oct-4-yl ester)	370	C22H42O4	1000160-80-1	50





Sample Results: **BP025597.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025597.D
Acq On : 27 Aug 2025 10:20
Operator : CG/JU
Sample : PB169370BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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-...	4.937	12.6	ng	520253	1	7.772	828617	20.0
Hexanedioic aci...	20.730	9.9	ng	1295130	5	21.648	2607800	20.0

Raw Data: **BP025598.D**

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

Report of Analysis

Client:	Hero Construction			Date Collected:	
Project:	Residential Soil Testing			Date Received:	
Client Sample ID:	PB169370BS			SDG No.:	Q2928
Lab Sample ID:	PB169370BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025598.D	1	08/25/25 08:55	08/27/25 11:01	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	510		160	330	ug/Kg
108-95-2	Phenol	1600		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	1600		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	80.0	ug/Kg
67-72-1	Hexachloroethane	1400		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1400		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	550		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	1600		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2400		120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1700		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1600		27.1	170	ug/Kg

Raw Data: **BP025598.D**

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

Report of Analysis

Client:	Hero Construction			Date Collected:	
Project:	Residential Soil Testing			Date Received:	
Client Sample ID:	PB169370BS			SDG No.:	Q2928
Lab Sample ID:	PB169370BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025598.D	1	08/25/25 08:55	08/27/25 11:01	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	990		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3200	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	1600		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	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1500		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	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	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		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	1700		86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Raw Data: **BP025598.D**

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

Report of Analysis

Client:	Hero Construction			Date Collected:	
Project:	Residential Soil Testing			Date Received:	
Client Sample ID:	PB169370BS			SDG No.:	Q2928
Lab Sample ID:	PB169370BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025598.D	1	08/25/25 08:55	08/27/25 11:01	PB169370

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	1200		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	135		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	134		15 - 107	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.9		18 - 107	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1		20 - 109	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		10 - 116	93%	SPK: 150
1718-51-0	Terphenyl-d14	76.6		10 - 105	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	148000	7.778			
1146-65-2	Naphthalene-d8	615000	10.549			
15067-26-2	Acenaphthene-d10	404000	14.389			
1517-22-2	Phenanthrene-d10	854000	17.189			
1719-03-5	Chrysene-d12	969000	21.648			
1520-96-3	Perylene-d12	1140000	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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025598.D
Acq On : 27 Aug 2025 11:01
Operator : CG/JU
Sample : PB169370BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Quant Time: Aug 27 11:25:21 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	7.778	152	148040	20.000	ng		-0.02
21) Naphthalene-d8	10.549	136	615021	20.000	ng		-0.01
39) Acenaphthene-d10	14.389	164	404292	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	853901	20.000	ng		-0.01
76) Chrysene-d12	21.648	240	969472	20.000	ng		0.00
86) Perylene-d12	25.018	264	1139124	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1200775	134.702	ng		0.00
7) Phenol-d6	6.966	99	1529949	133.867	ng		0.00
23) Nitrobenzene-d5	8.919	82	946996	77.890	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	760500	139.751	ng		-0.01
45) 2-Fluorobiphenyl	13.001	172	2252347	76.139	ng		-0.02
79) Terphenyl-d14	19.913	244	4059745	76.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	123258	35.300	ng		98
3) Pyridine	3.719	79	354119	37.053	ng		96
4) n-Nitrosodimethylamine	3.625	42	182595	46.343	ng		99
6) Aniline	7.113	93	430043	27.927	ng		99
8) 2-Chlorophenol	7.355	128	487294	48.442	ng		98
9) Benzaldehyde	6.925	77	123736	15.453	ng		96
10) Phenol	6.996	94	582746	48.593	ng		98
11) bis(2-Chloroethyl)ether	7.207	93	414503	44.345	ng		99
12) 1,3-Dichlorobenzene	7.666	146	485834	43.800	ng		98
13) 1,4-Dichlorobenzene	7.813	146	496698	43.811	ng		99
14) 1,2-Dichlorobenzene	8.125	146	481693	43.891	ng		98
15) Benzyl Alcohol	8.013	79	415831	45.791	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.296	45	567047	45.286	ng		98
17) 2-Methylphenol	8.219	107	402255	48.295	ng		99
18) Hexachloroethane	8.843	117	180289	43.250	ng		99
19) n-Nitroso-di-n-propyla...	8.572	70	329611	43.540	ng		97
20) 3+4-Methylphenols	8.543	107	540152	46.785	ng		99
22) Acetophenone	8.590	105	688325	44.628	ng	#	98
24) Nitrobenzene	8.960	77	495396	45.592	ng		99
25) Isophorone	9.484	82	933372	43.379	ng		99
26) 2-Nitrophenol	9.660	139	260567	46.727	ng		96
27) 2,4-Dimethylphenol	9.731	122	453181	47.256	ng		97
28) bis(2-Chloroethoxy)met...	9.960	93	571226	43.919	ng		98
29) 2,4-Dichlorophenol	10.207	162	452353	47.484	ng		98
30) 1,2,4-Trichlorobenzene	10.407	180	454350	43.508	ng		99
31) Naphthalene	10.596	128	1403986	43.921	ng		99
32) Benzoic acid	9.890	122	337738	47.704	ng		97
33) 4-Chloroaniline	10.701	127	232182	16.443	ng		99
34) Hexachlorobutadiene	10.884	225	279348	42.953	ng		98
35) Caprolactam	11.496	113	169799	48.609	ng		98
36) 4-Chloro-3-methylphenol	11.843	107	524556	47.987	ng		99
37) 2-Methylnaphthalene	12.201	142	913846	43.929	ng		100
38) 1-Methylnaphthalene	12.419	142	964156	43.582	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	526139	45.060	ng		99
41) Hexachlorocyclopentadiene	12.554	237	516663	73.254	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	382444	48.516	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025598.D
Acq On : 27 Aug 2025 11:01
Operator : CG/JU
Sample : PB169370BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Quant Time: Aug 27 11:25:21 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	415430	48.086	ng		98
46) 1,1'-Biphenyl	13.213	154	1324535	45.110	ng		99
47) 2-Chloronaphthalene	13.260	162	1008960	44.140	ng		100
48) 2-Nitroaniline	13.460	65	340067	51.059	ng		97
49) Acenaphthylene	14.113	152	1757916	46.477	ng		99
50) Dimethylphthalate	13.842	163	1389966	46.949	ng		99
51) 2,6-Dinitrotoluene	13.960	165	310968	49.834	ng		98
52) Acenaphthene	14.454	154	994508	44.794	ng		99
53) 3-Nitroaniline	14.295	138	208610	29.714	ng		94
54) 2,4-Dinitrophenol	14.513	184	371494	111.480	ng		98
55) Dibenzofuran	14.795	168	1598571	45.542	ng		100
56) 4-Nitrophenol	14.637	139	558851	96.869	ng		99
57) 2,4-Dinitrotoluene	14.760	165	452100	50.781	ng		98
58) Fluorene	15.454	166	1296385	46.806	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	376756	49.388	ng		99
60) Diethylphthalate	15.225	149	1443571	47.987	ng		99
61) 4-Chlorophenyl-phenyle...	15.448	204	634515	46.063	ng		99
62) 4-Nitroaniline	15.478	138	354037	49.190	ng		99
63) Azobenzene	15.742	77	1266252	49.158	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	265528	49.885	ng		98
66) n-Nitrosodiphenylamine	15.660	169	1193960	45.853	ng		100
67) 4-Bromophenyl-phenylether	16.360	248	422284	44.965	ng		99
68) Hexachlorobenzene	16.483	284	495747	45.538	ng		97
69) Atrazine	16.642	200	447985	45.940	ng		98
70) Pentachlorophenol	16.842	266	657272	95.643	ng		97
71) Phenanthrene	17.236	178	2100644	44.783	ng		99
72) Anthracene	17.325	178	2179229	45.493	ng		100
73) Carbazole	17.613	167	2113591	46.844	ng		99
74) Di-n-butylphthalate	18.201	149	2663481	47.980	ng		100
75) Fluoranthene	19.325	202	2659369	47.529	ng		99
77) Benzidine	19.513	184	999000	30.194	ng		99
78) Pyrene	19.701	202	2752492	43.681	ng		100
80) Butylbenzylphthalate	20.648	149	1349125	47.241	ng		100
81) Benzo(a)anthracene	21.624	228	3009321	47.067	ng		99
82) 3,3'-Dichlorobenzidine	21.542	252	772708	32.063	ng		99
83) Chrysene	21.689	228	2789151	46.581	ng		99
84) Bis(2-ethylhexyl)phtha...	21.560	149	2017022	47.980	ng		99
85) Di-n-octyl phthalate	22.848	149	3689681	51.027	ng		99
87) Indeno(1,2,3-cd)pyrene	28.853	276	3892421	46.594	ng	#	79
88) Benzo(b)fluoranthene	23.954	252	3178801	47.324	ng		99
89) Benzo(k)fluoranthene	24.030	252	3155896	46.951	ng		99
90) Benzo(a)pyrene	24.860	252	3049595	46.640	ng		99
91) Dibenzo(a,h)anthracene	28.942	278	3208547	46.999	ng		97
92) Benzo(g,h,i)perylene	30.065	276	3152886	46.983	ng		98

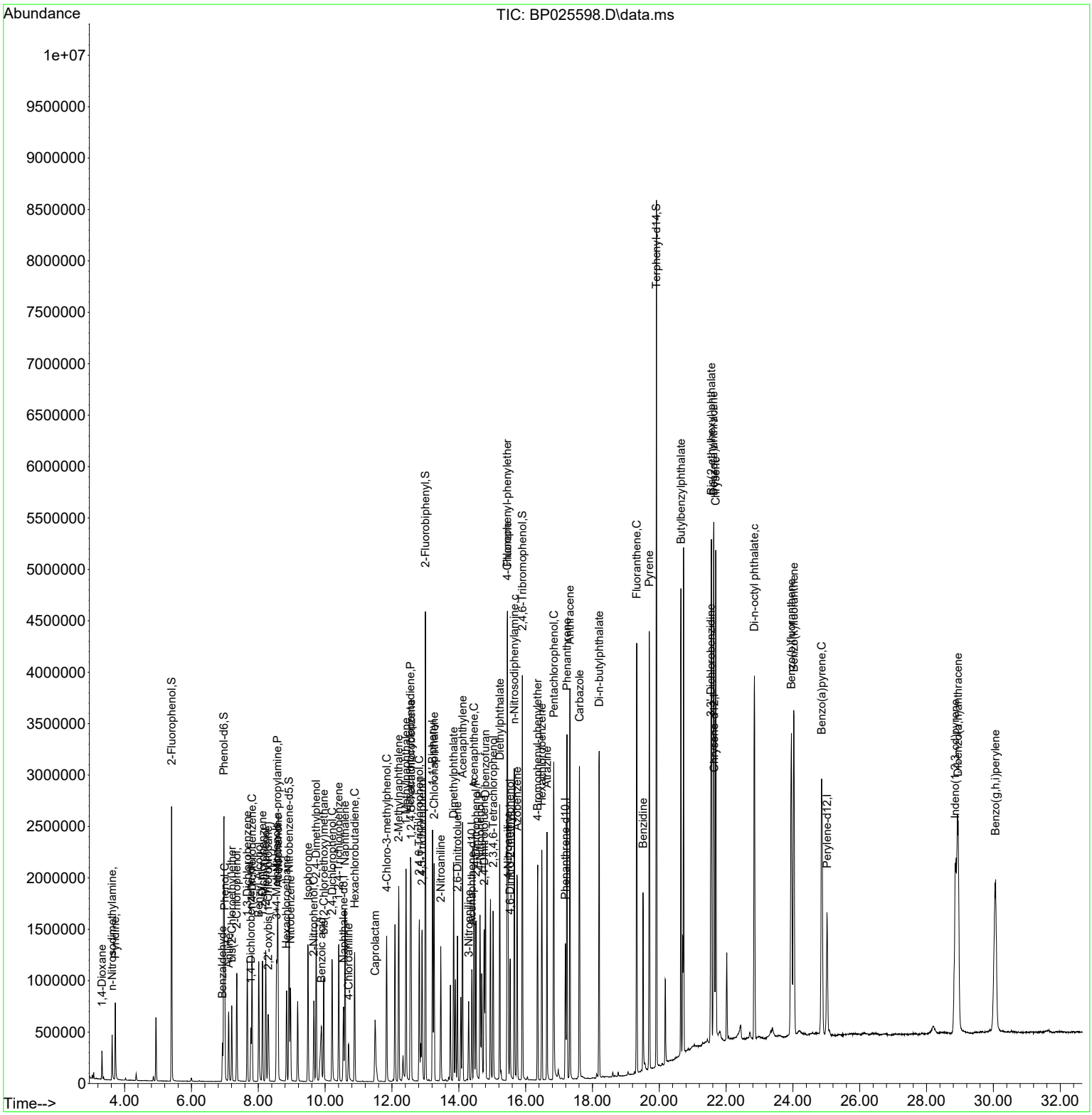
(#) = qualifier out of range (m) = manual integration (+) = signals summed

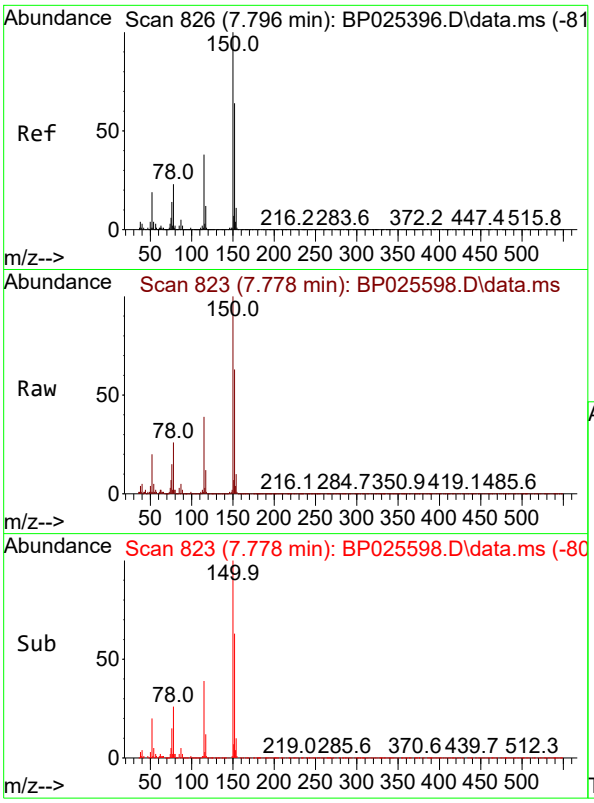
Sample Results: **BP025598.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025598.D
Acq On : 27 Aug 2025 11:01
Operator : CG/JU
Sample : PB169370BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Quant Time: Aug 27 11:25:21 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



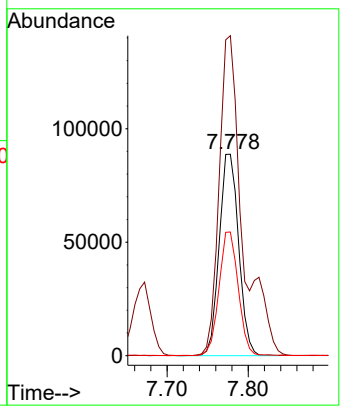


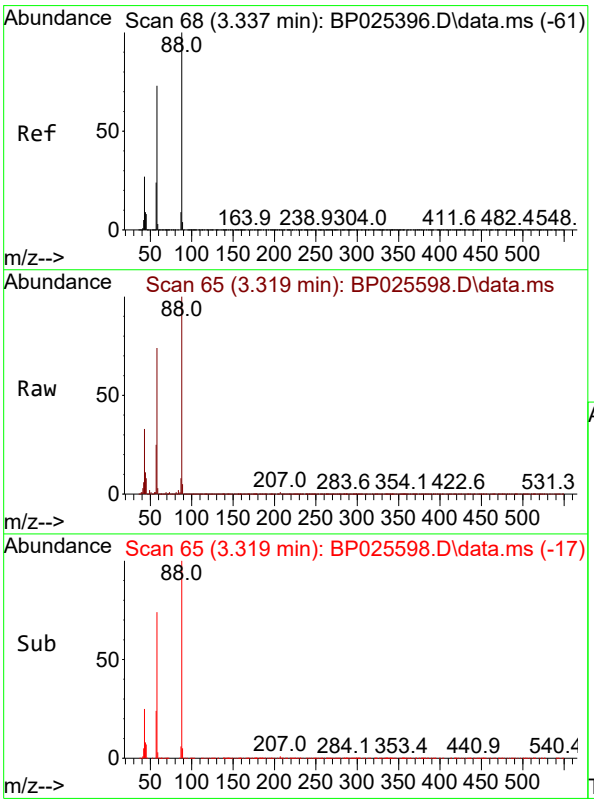
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:152 Resp: 148040

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.9	188.9
115	61.4	48.5	72.7

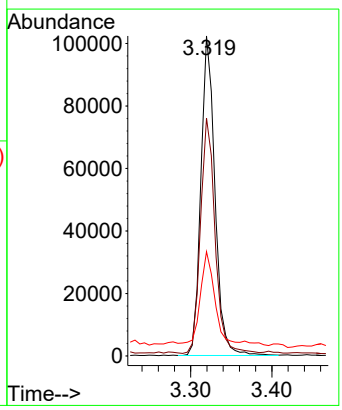


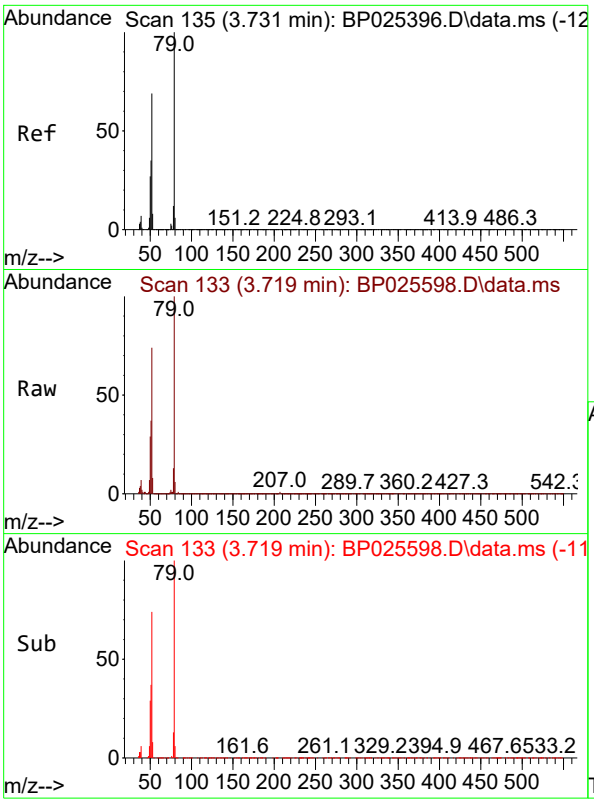


#2
1,4-Dioxane
Concen: 35.300 ng
RT: 3.319 min Scan# 65
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 88 Resp: 123258

Ion	Ratio	Lower	Upper
88	100		
58	76.2	59.2	88.8
43	27.4	21.7	32.5



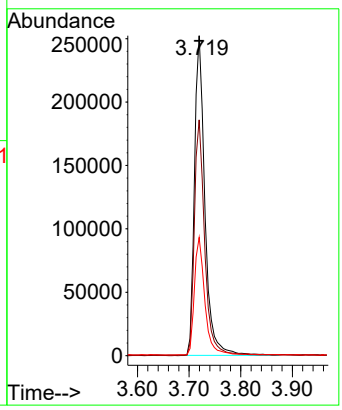


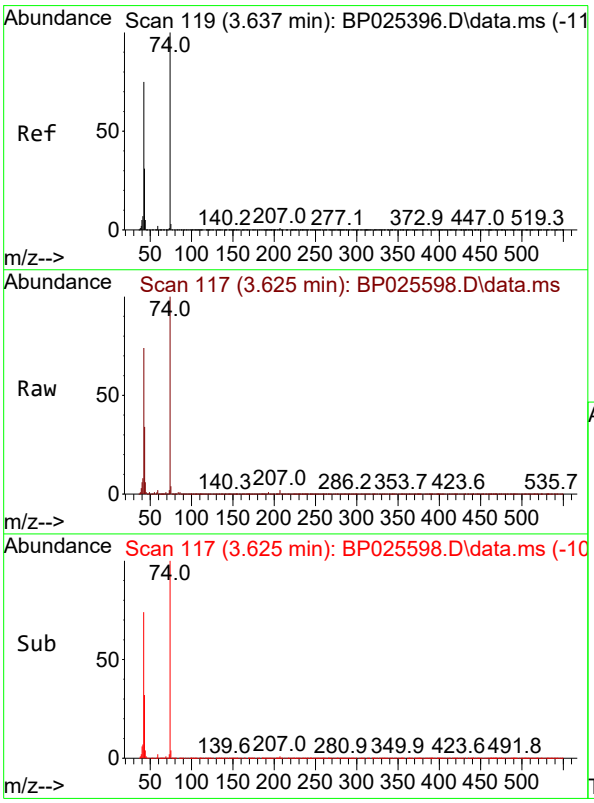
#3
Pyridine
Concen: 37.053 ng
RT: 3.719 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 79 Resp: 354119

Ion	Ratio	Lower	Upper
79	100		
52	73.7	55.5	83.3
51	37.0	28.3	42.5

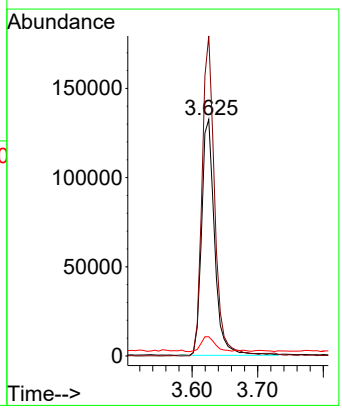


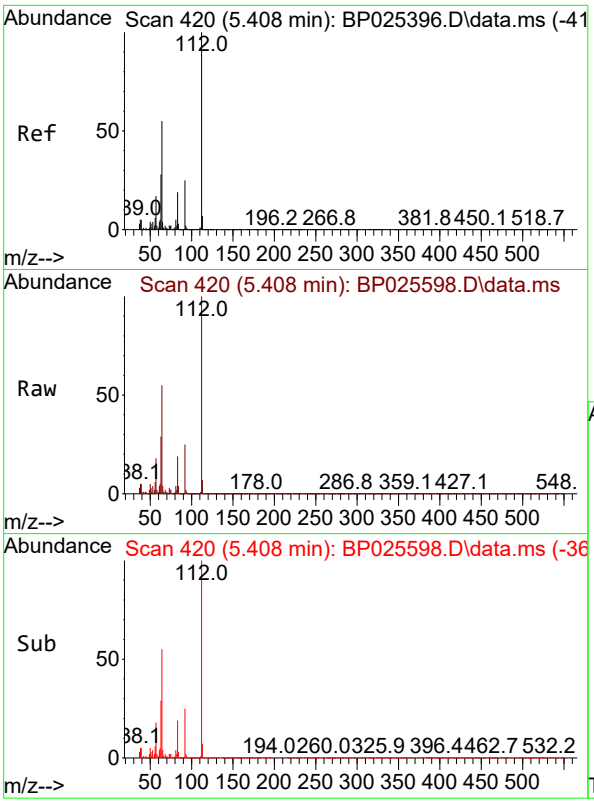


#4
n-Nitrosodimethylamine
Concen: 46.343 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 42 Resp: 182595

Ion	Ratio	Lower	Upper
42	100		
74	135.3	107.0	160.4
44	8.1	6.2	9.4



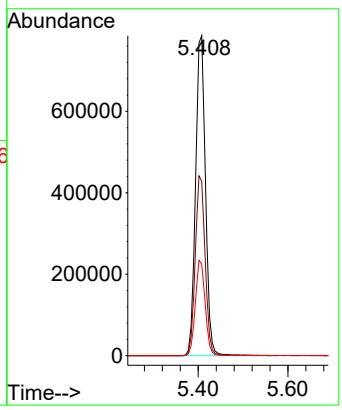


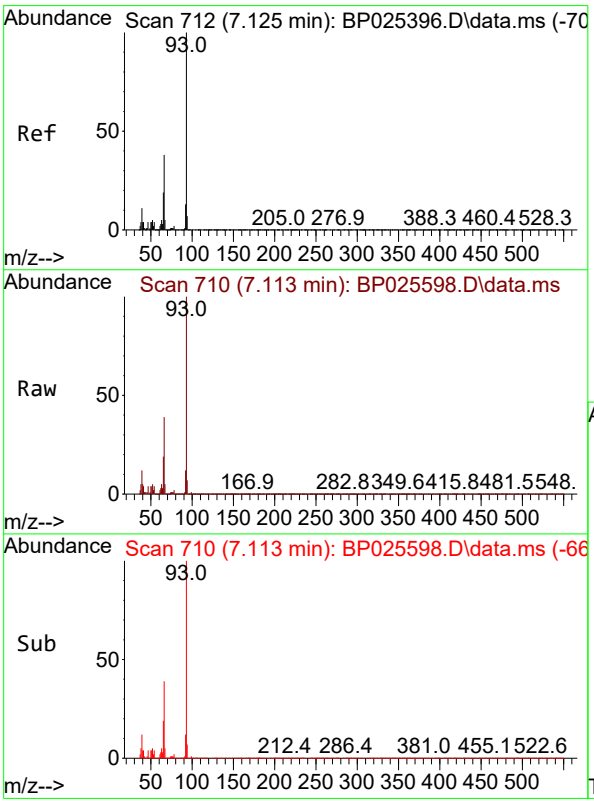
#5
2-Fluorophenol
Concen: 134.702 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:112 Resp: 1200775

Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.8	65.8
63	28.7	22.7	34.1

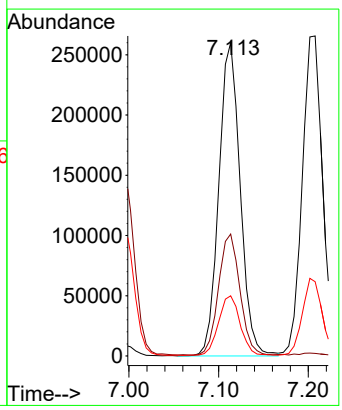


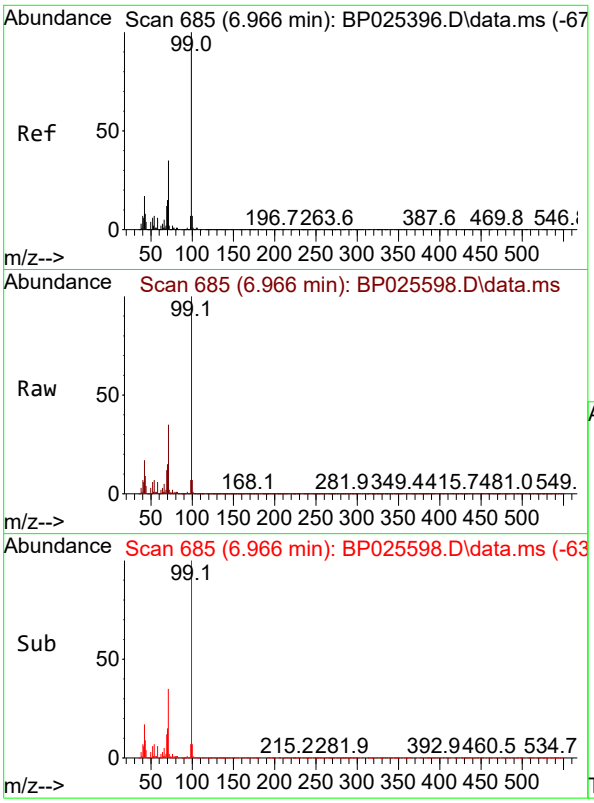


#6
Aniline
Concen: 27.927 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 93 Resp: 430043

Ion	Ratio	Lower	Upper
93	100		
66	38.9	30.4	45.6
65	19.2	15.3	22.9



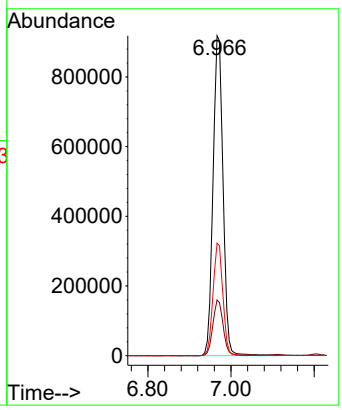


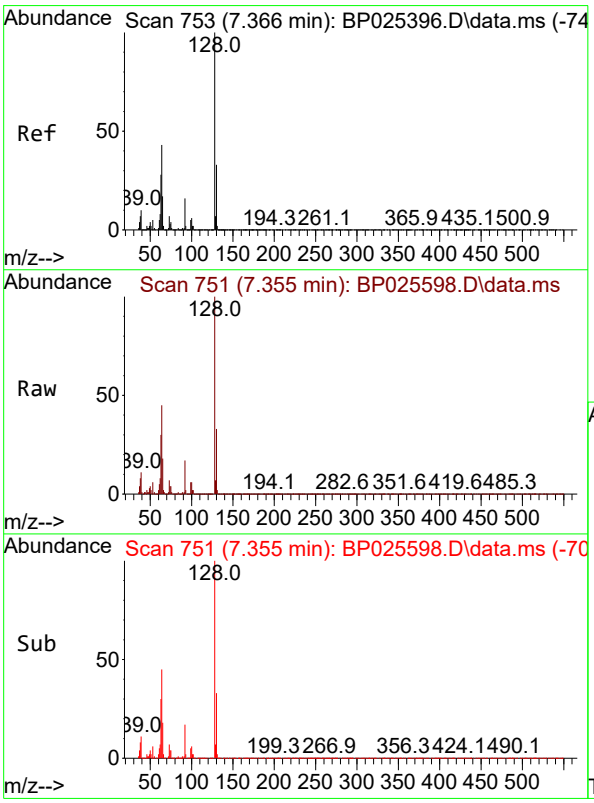
#7
Phenol-d6
Concen: 133.867 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 99 Resp: 1529949

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.7	20.5
71	35.1	28.2	42.4

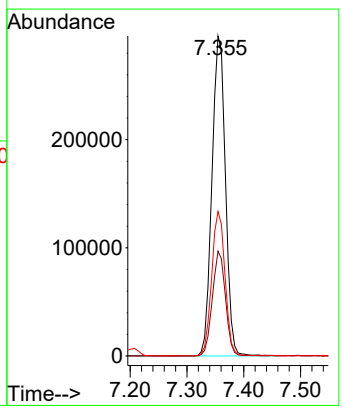


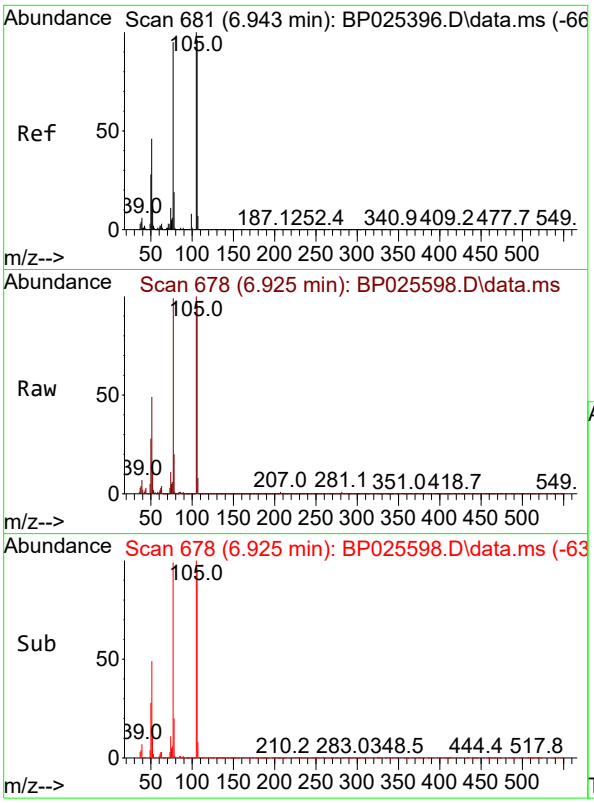


#8
2-Chlorophenol
Concen: 48.442 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:128 Resp: 487294

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	45.2	23.4	63.4



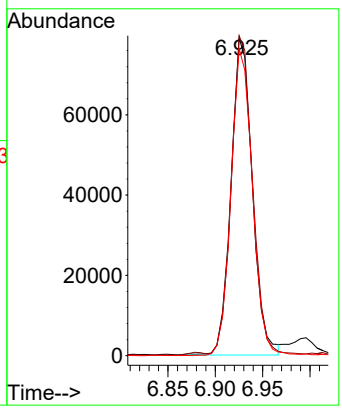


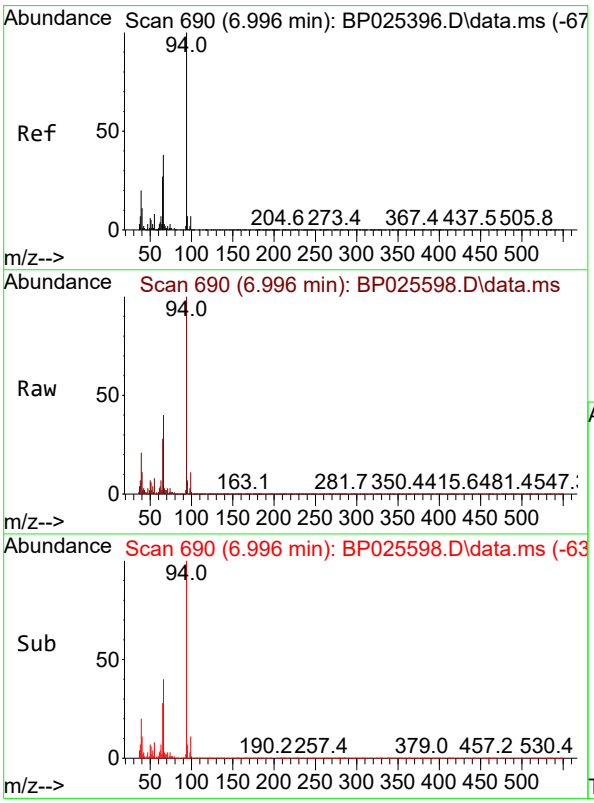
#9
Benzaldehyde
Concen: 15.453 ng
RT: 6.925 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 77 Resp: 123736

Ion	Ratio	Lower	Upper
77	100		
105	100.8	84.8	124.8
106	96.8	80.5	120.5

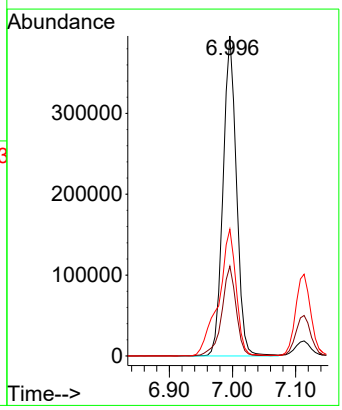


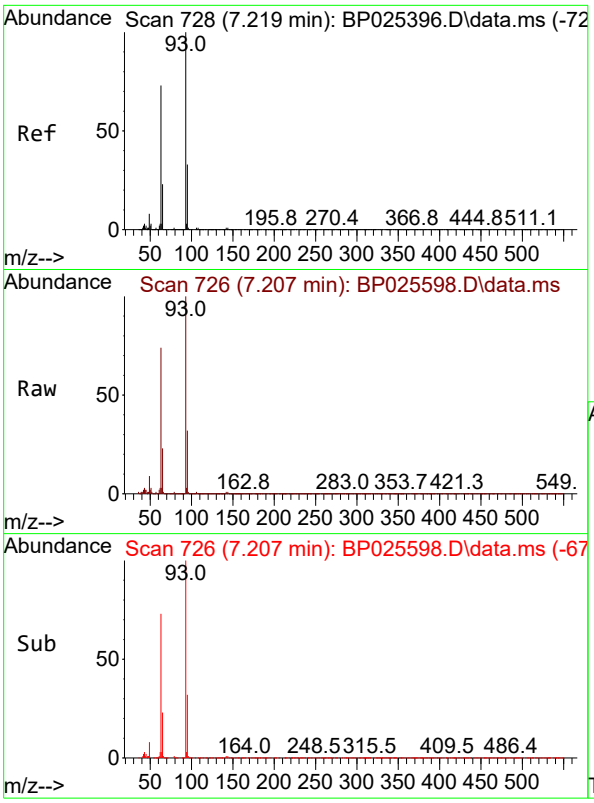


#10
Phenol
Concen: 48.593 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 94 Resp: 582746

Ion	Ratio	Lower	Upper
94	100		
65	28.1	6.8	46.8
66	39.6	18.2	58.2



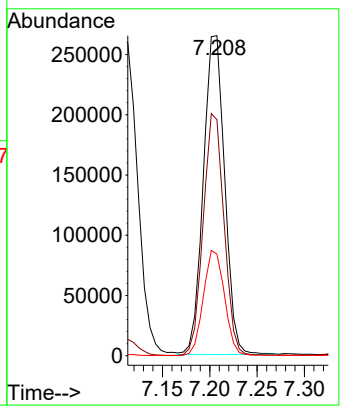


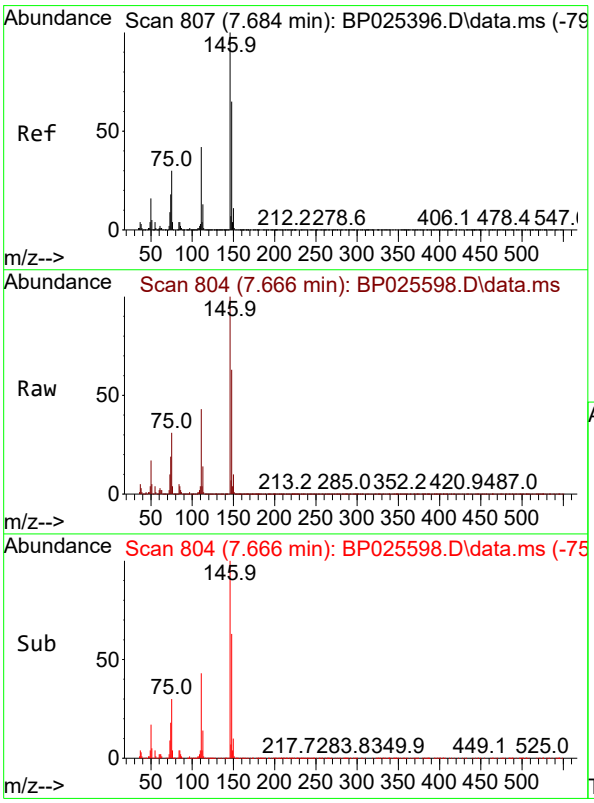
#11
bis(2-Chloroethyl)ether
Concen: 44.345 ng
RT: 7.207 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 93 Resp: 414503

Ion	Ratio	Lower	Upper
93	100		
63	73.7	52.6	92.6
95	31.7	12.7	52.7

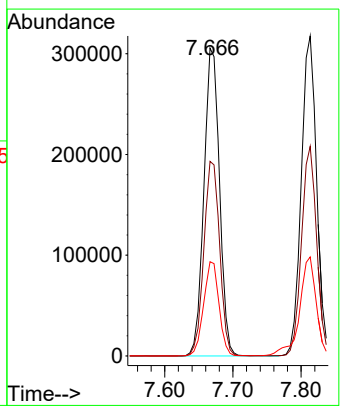


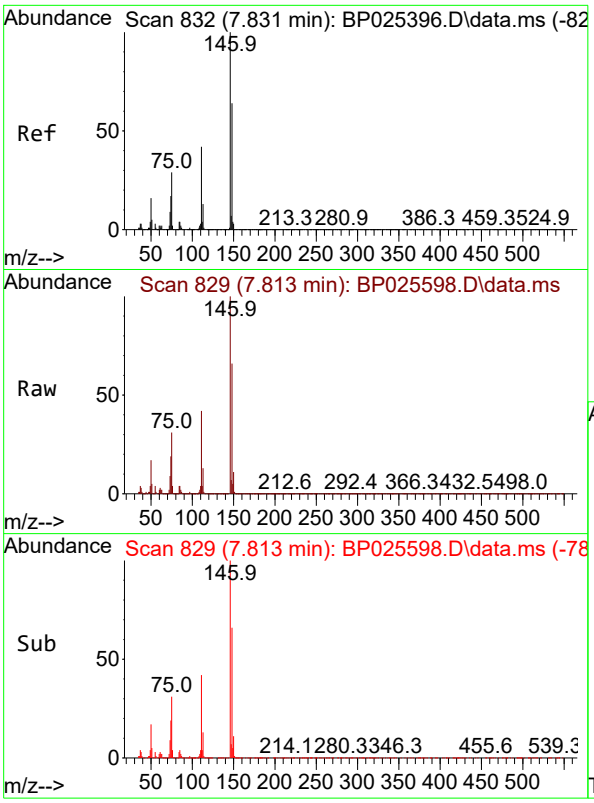


#12
1,3-Dichlorobenzene
Concen: 43.800 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:146 Resp: 485834

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
75	30.6	23.7	35.5



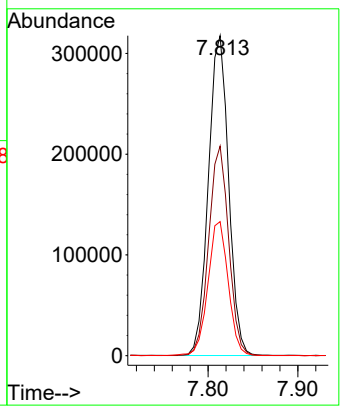


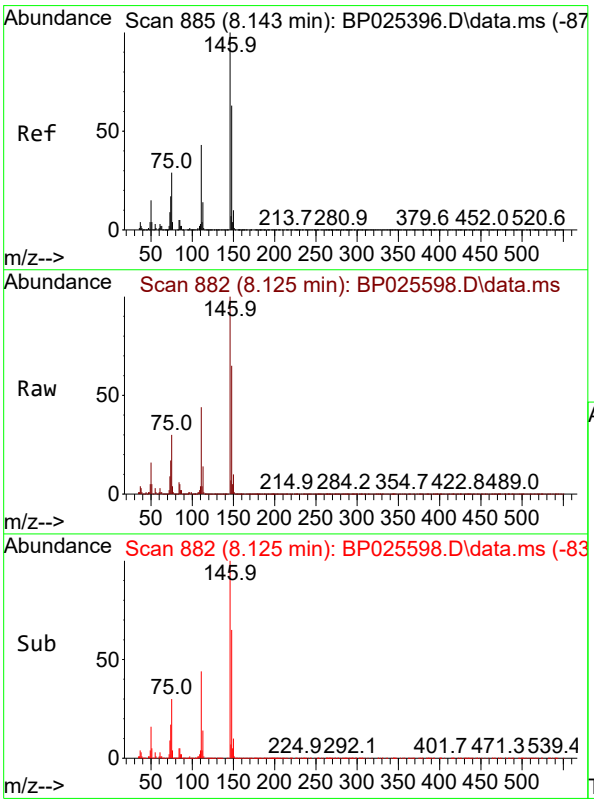
#13
1,4-Dichlorobenzene
Concen: 43.811 ng
RT: 7.813 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:146 Resp: 496698

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.6	77.4
111	41.9	33.4	50.0

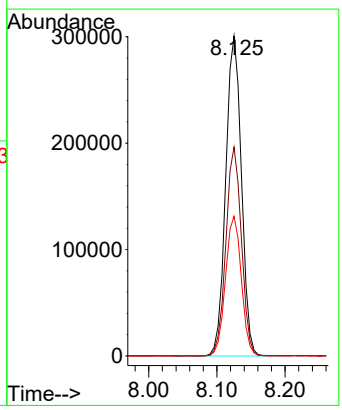


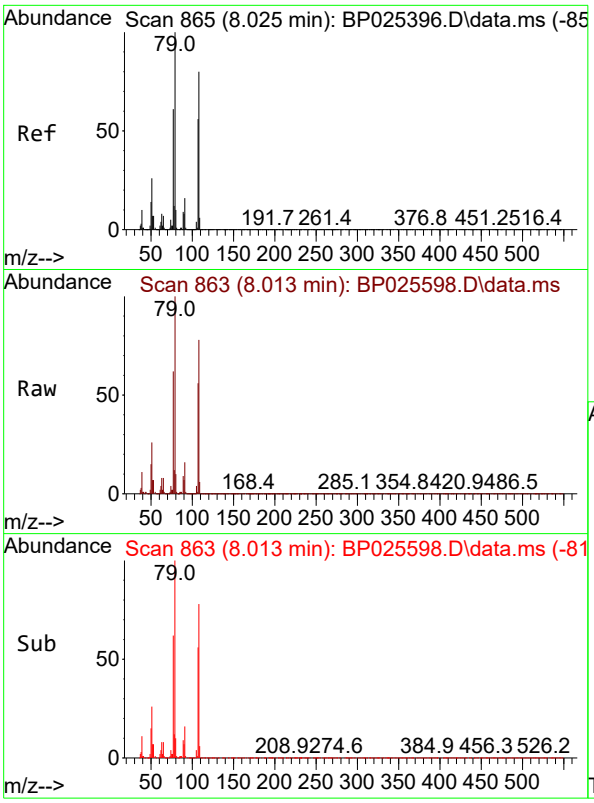


#14
1,2-Dichlorobenzene
Concen: 43.891 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:146 Resp: 481693

Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.4	75.6
111	43.6	34.5	51.7



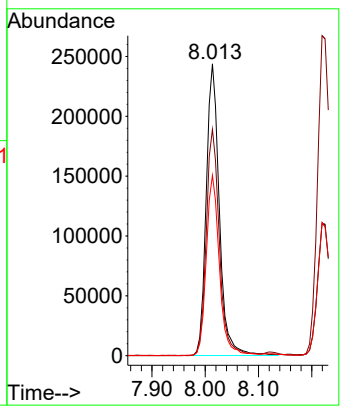


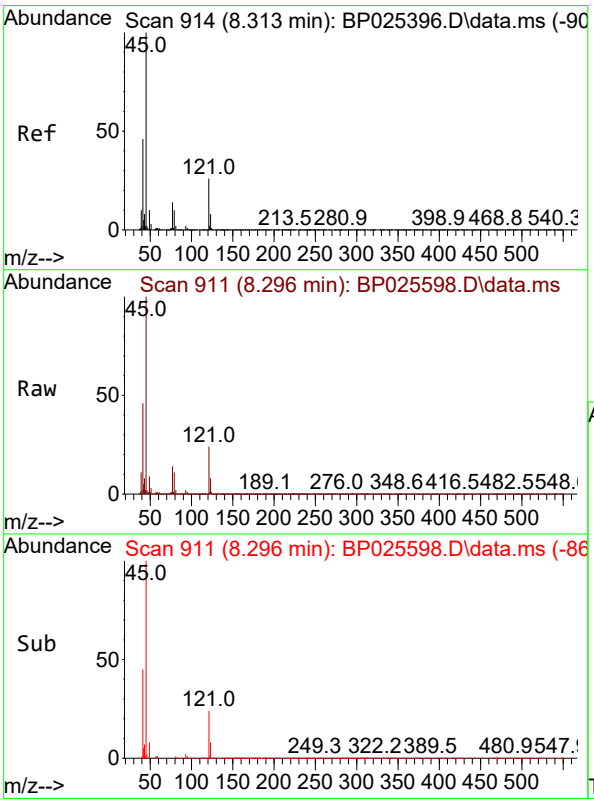
#15
Benzyl Alcohol
Concen: 45.791 ng
RT: 8.013 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 79 Resp: 415831

Ion	Ratio	Lower	Upper
79	100		
108	77.5	63.8	95.6
77	61.8	49.0	73.4

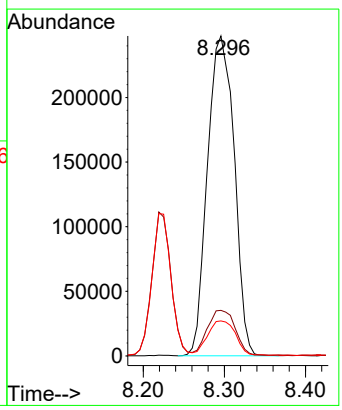


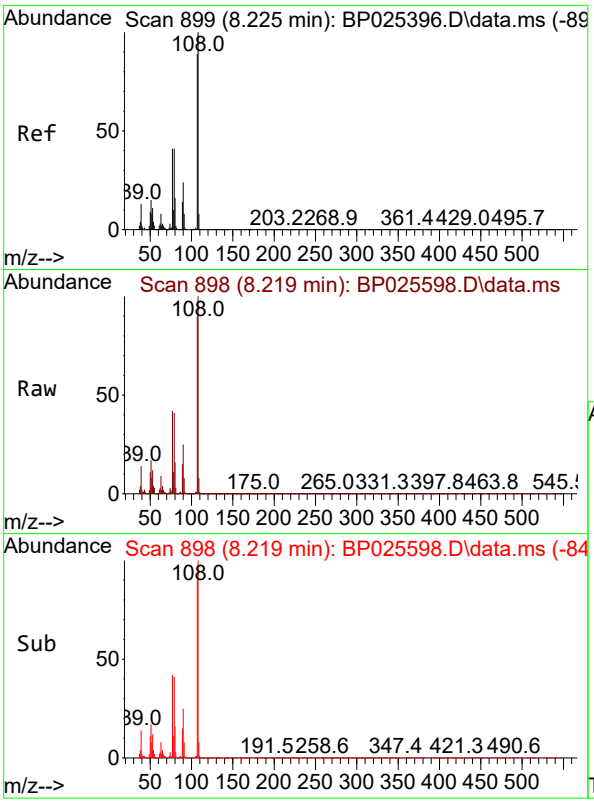


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.286 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 45 Resp: 567047

Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	35.3
79	11.0	0.0	31.8



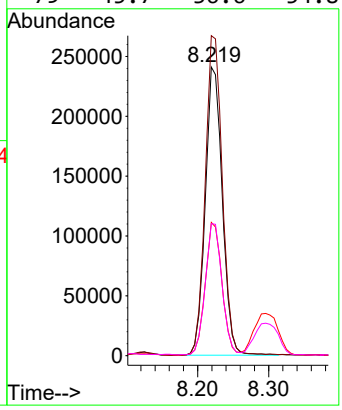


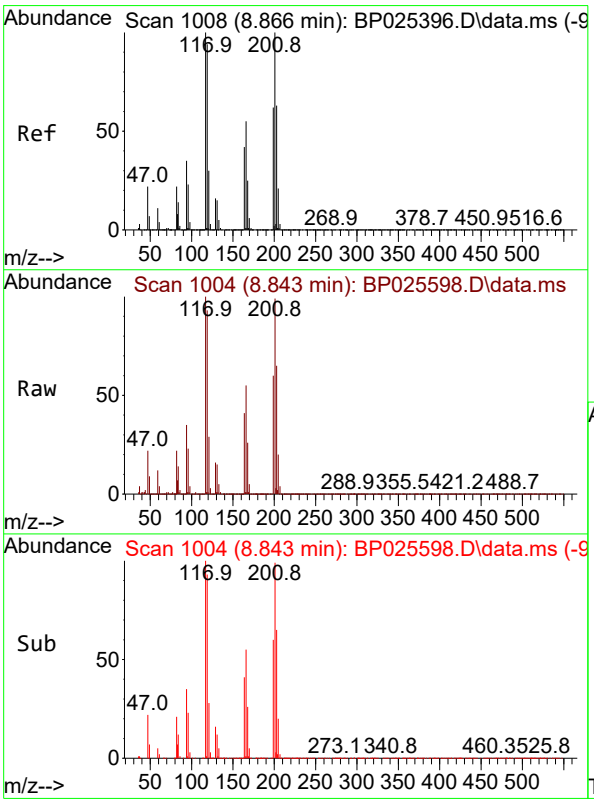
#17
2-Methylphenol
Concen: 48.295 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:107 Resp: 402255

Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.4	134.0
77	46.2	36.3	54.5
79	45.7	36.6	54.8

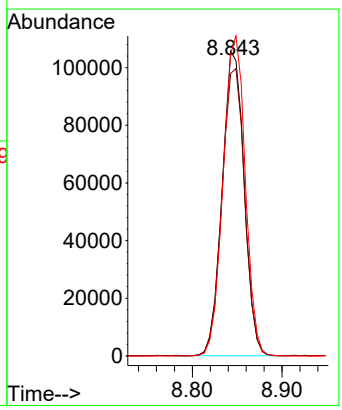


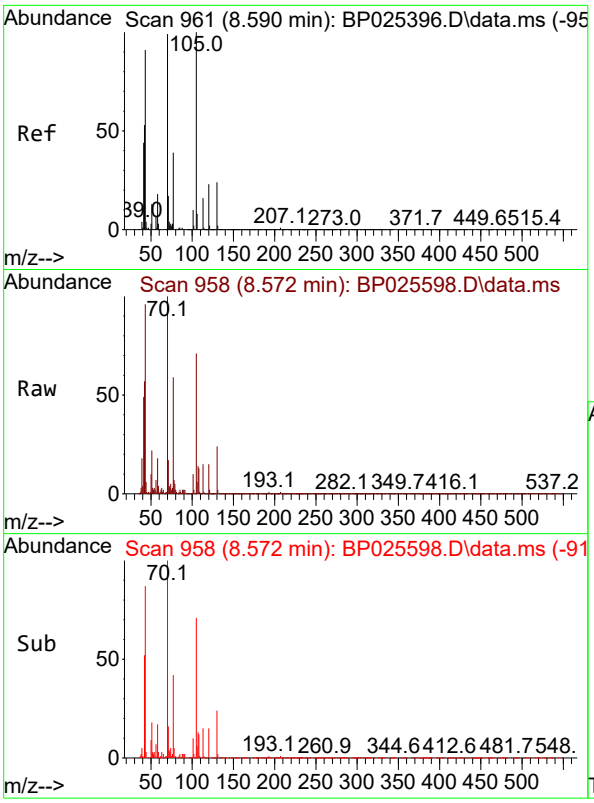


#18
Hexachloroethane
Concen: 43.250 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.023 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:117 Resp: 180289

Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.1	112.7
201	99.1	80.1	120.1



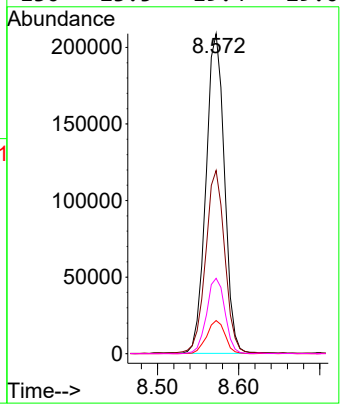


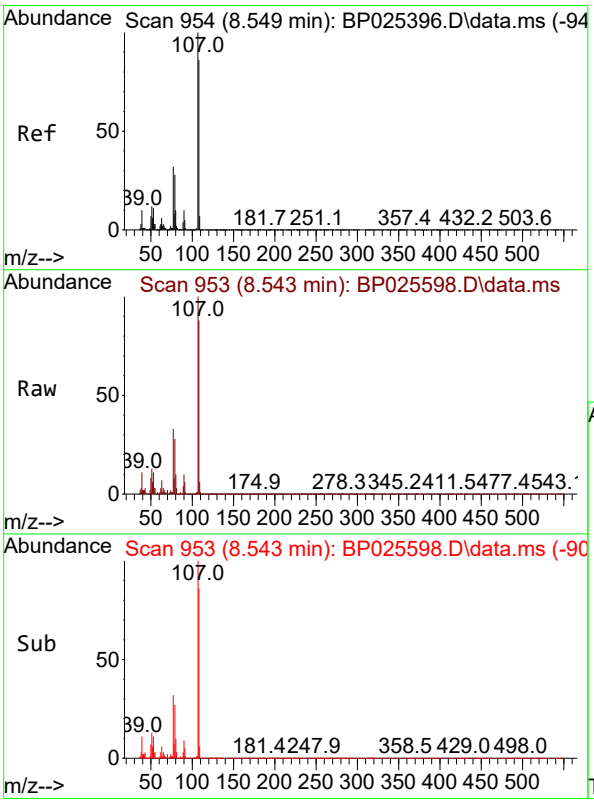
#19
n-Nitroso-di-n-propylamine
Concen: 43.540 ng
RT: 8.572 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 70 Resp: 329611

Ion	Ratio	Lower	Upper
70	100		
42	57.3	43.8	65.6
101	10.4	8.5	12.7
130	23.5	19.4	29.0

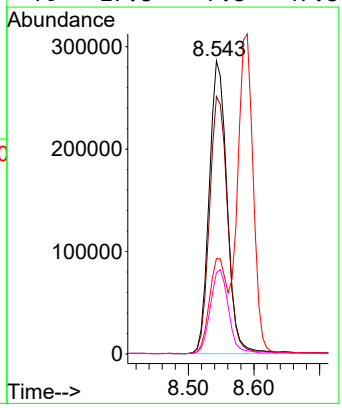


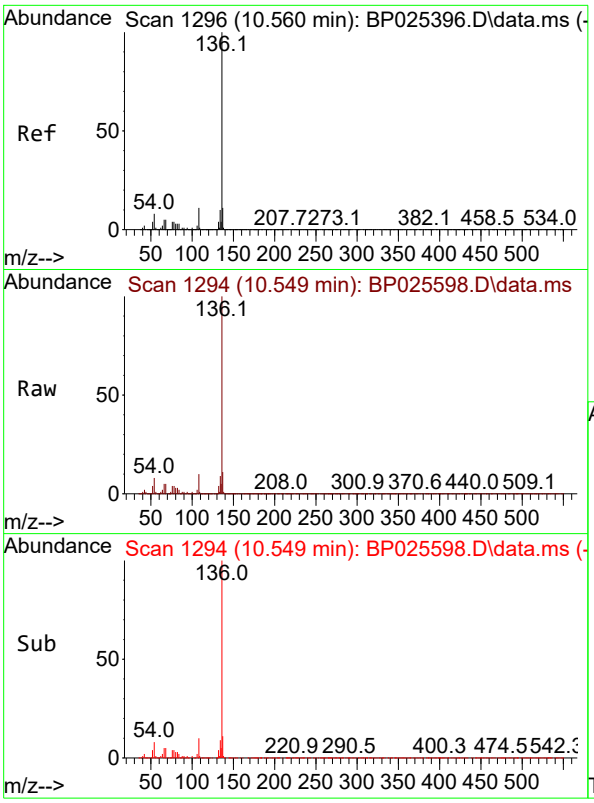


#20
3+4-Methylphenols
Concen: 46.785 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:107 Resp: 540152

Ion	Ratio	Lower	Upper
107	100		
108	87.8	66.3	106.3
77	32.6	12.3	52.3
79	27.8	7.8	47.8



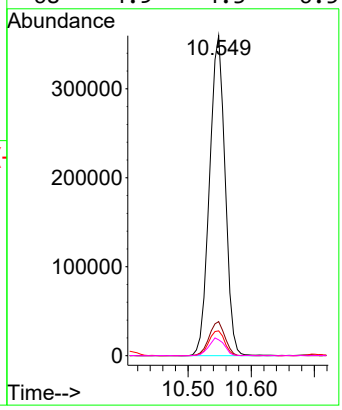


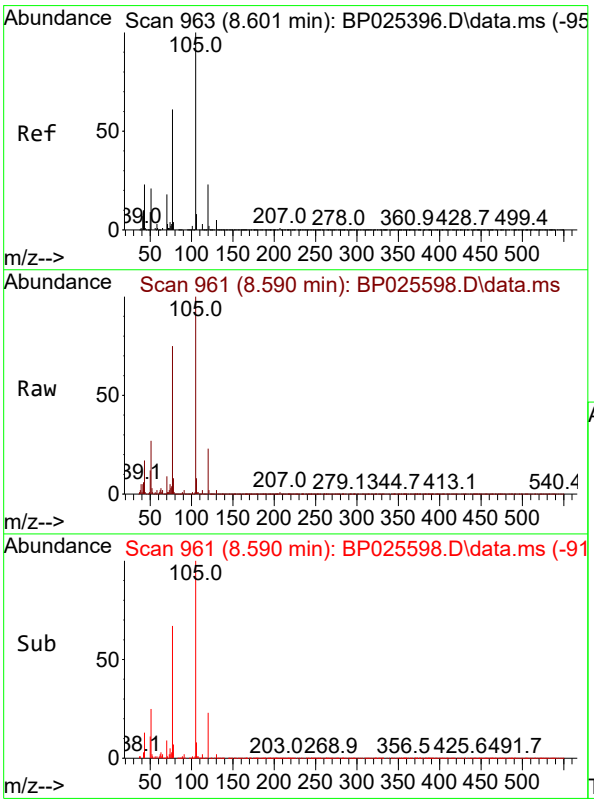
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:136 Resp: 615021

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.7	6.0	9.0
68	4.9	4.3	6.5

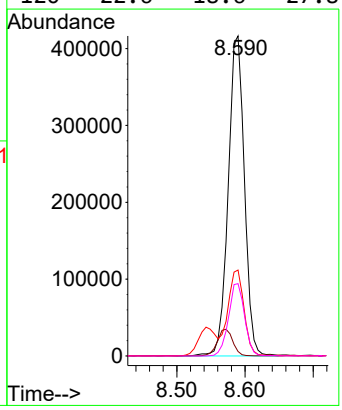


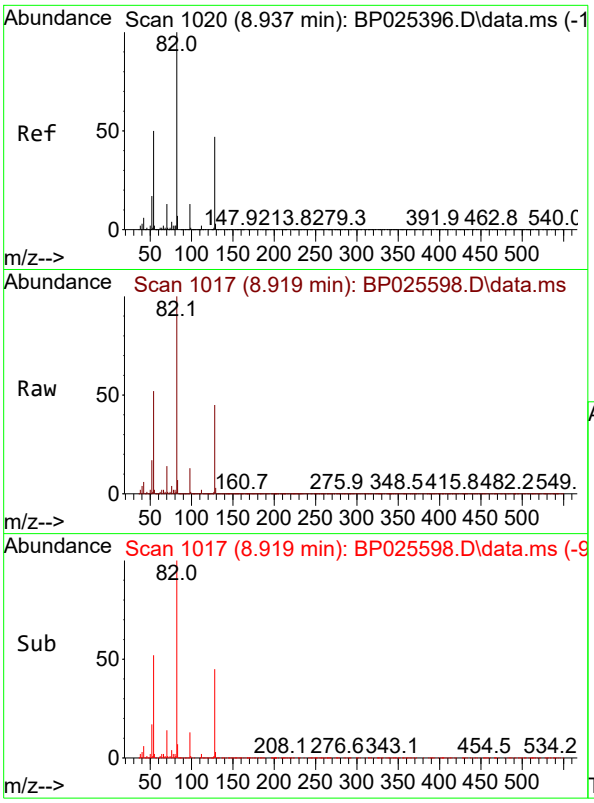


#22
Acetophenone
Concen: 44.628 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:105 Resp: 688325

Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.6	4.0#
51	26.8	20.6	30.8
120	22.6	18.6	27.8



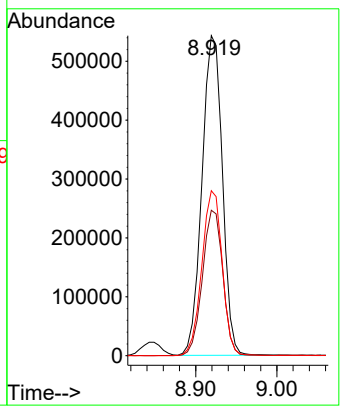


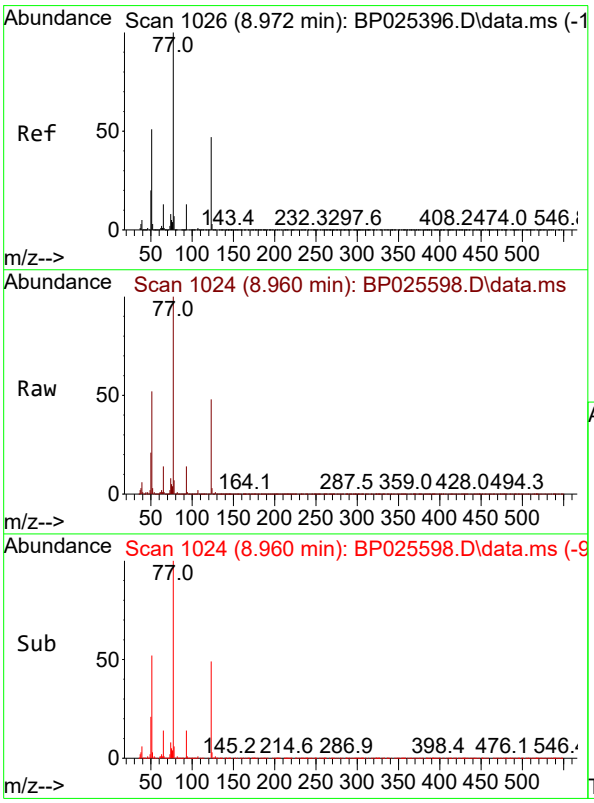
#23
Nitrobenzene-d5
Concen: 77.890 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 82 Resp: 946996

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	51.6	39.8	59.6

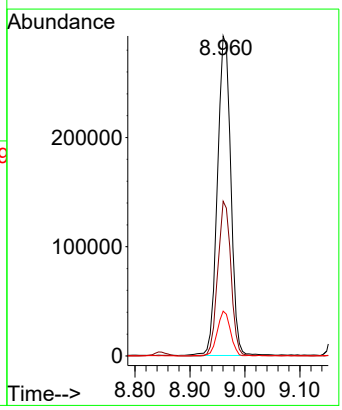


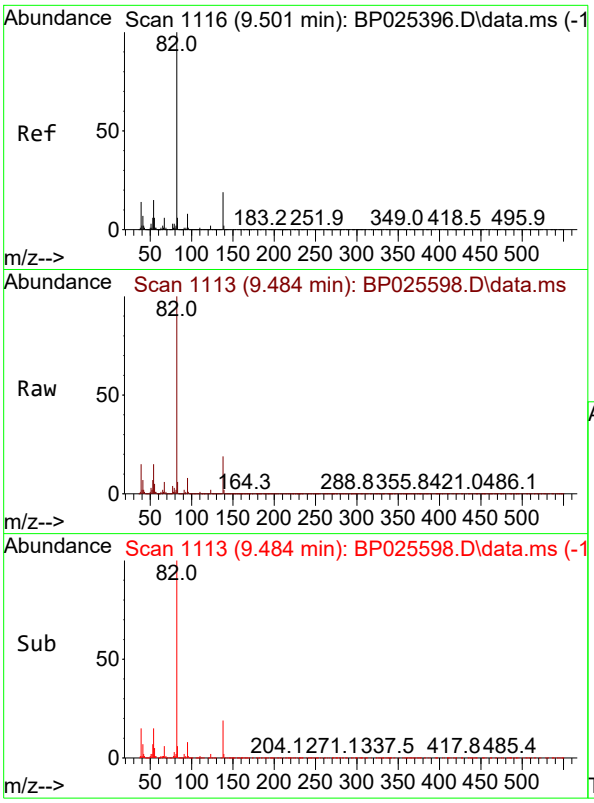


#24
Nitrobenzene
Concen: 45.592 ng
RT: 8.960 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 77 Resp: 495396

Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.6	58.0
65	14.0	10.6	15.8



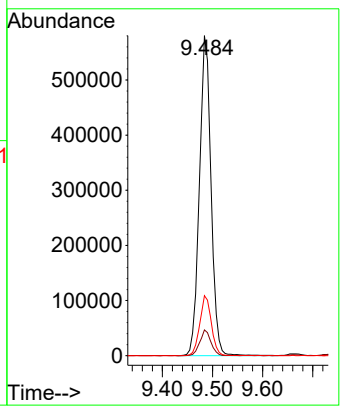


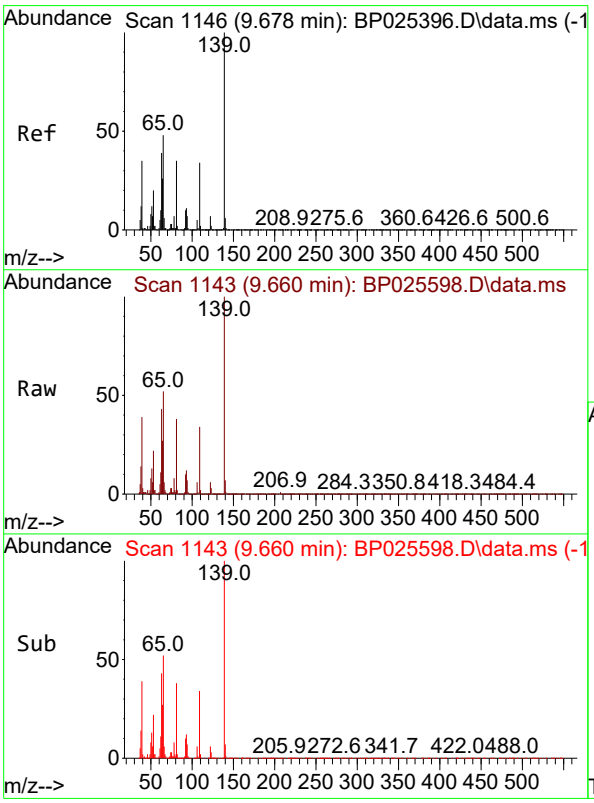
#25
Isophorone
Concen: 43.379 ng
RT: 9.484 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 82 Resp: 933372

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.4	9.6
138	18.8	15.4	23.0

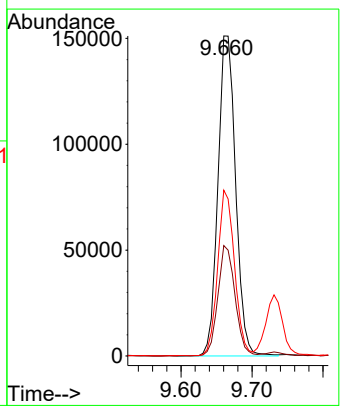


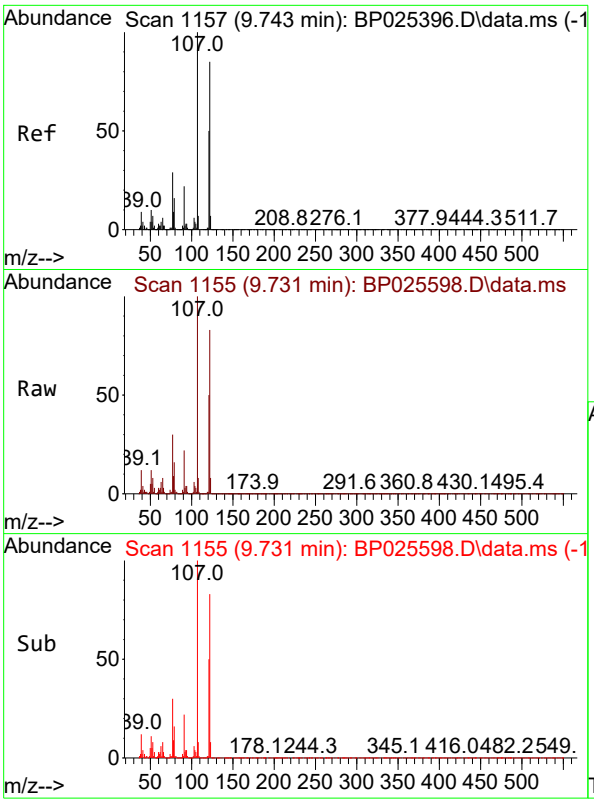


#26
2-Nitrophenol
Concen: 46.727 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:139 Resp: 260567

Ion	Ratio	Lower	Upper
139	100		
109	34.5	26.9	40.3
65	51.8	38.3	57.5



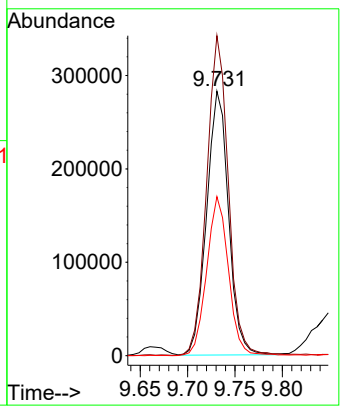


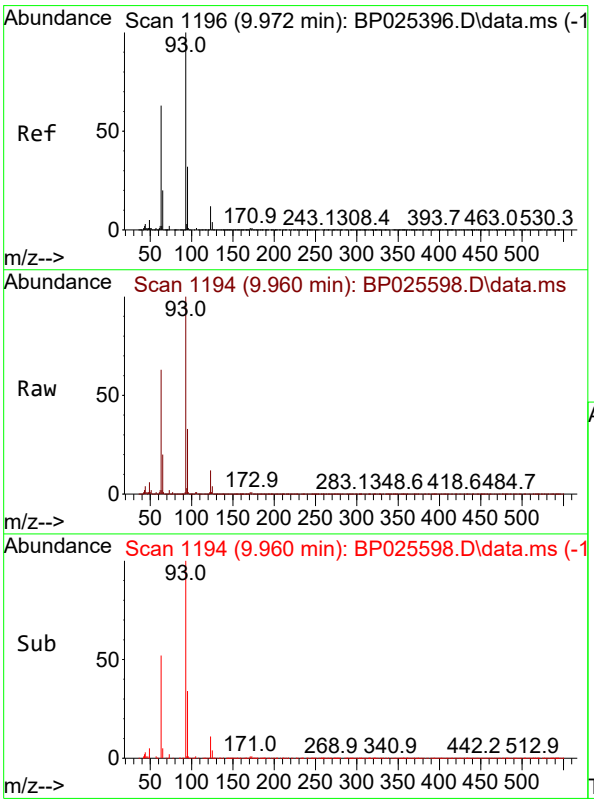
#27
2,4-Dimethylphenol
Concen: 47.256 ng
RT: 9.731 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:122 Resp: 453181

Ion	Ratio	Lower	Upper
122	100		
107	121.0	93.7	140.5
121	60.1	46.6	69.8

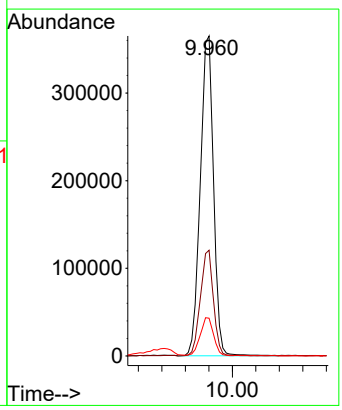


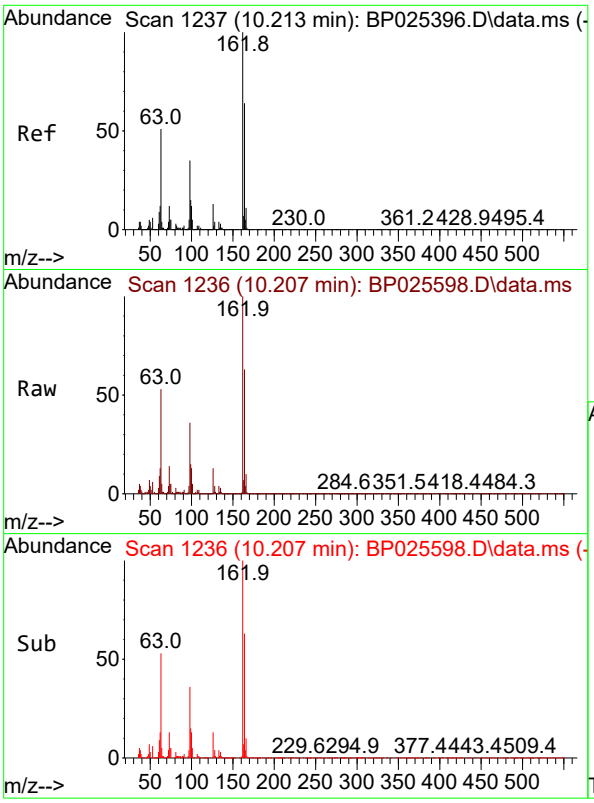


#28
bis(2-Chloroethoxy)methane
Concen: 43.919 ng
RT: 9.960 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 93 Resp: 571226

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.4	38.0
123	11.8	9.4	14.0



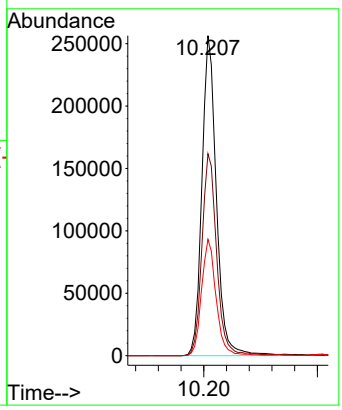


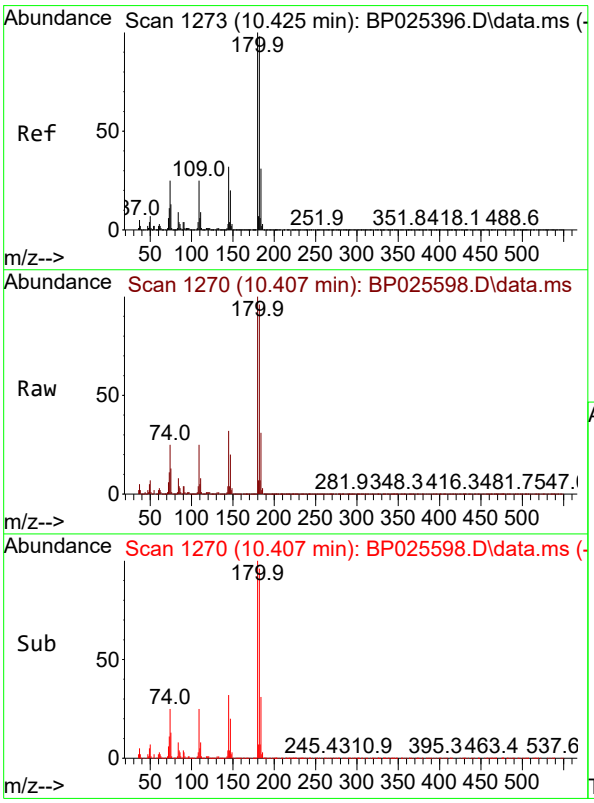
#29
2,4-Dichlorophenol
Concen: 47.484 ng
RT: 10.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:162 Resp: 452353

Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.4	84.4
98	36.4	14.9	54.9

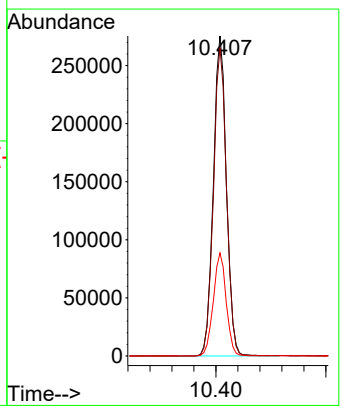


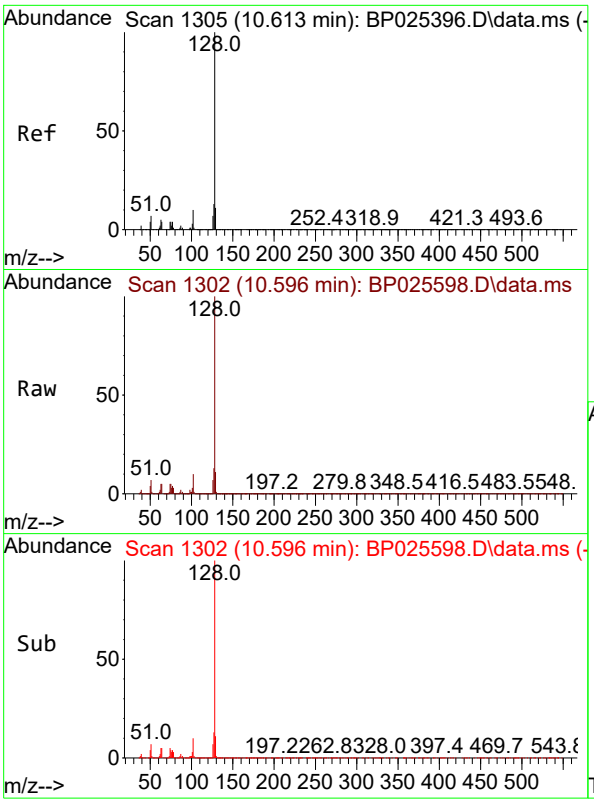


#30
1,2,4-Trichlorobenzene
Concen: 43.508 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:180 Resp: 454350

Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.0	117.0
145	32.2	25.9	38.9



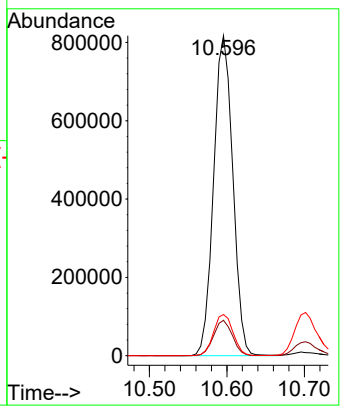


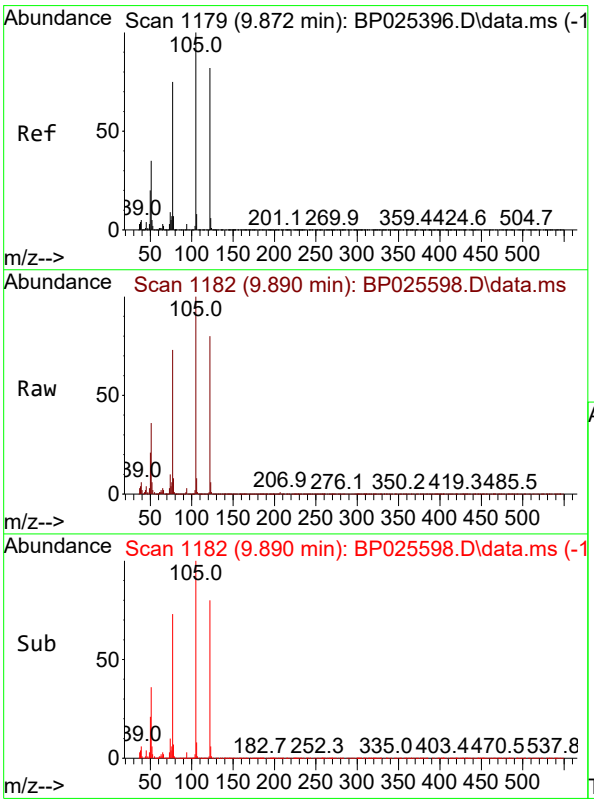
#31
Naphthalene
Concen: 43.921 ng
RT: 10.596 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:128 Resp: 1403986

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.9	10.7	16.1

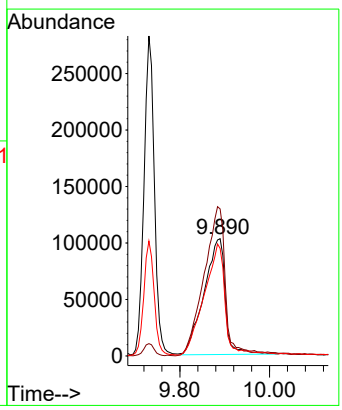


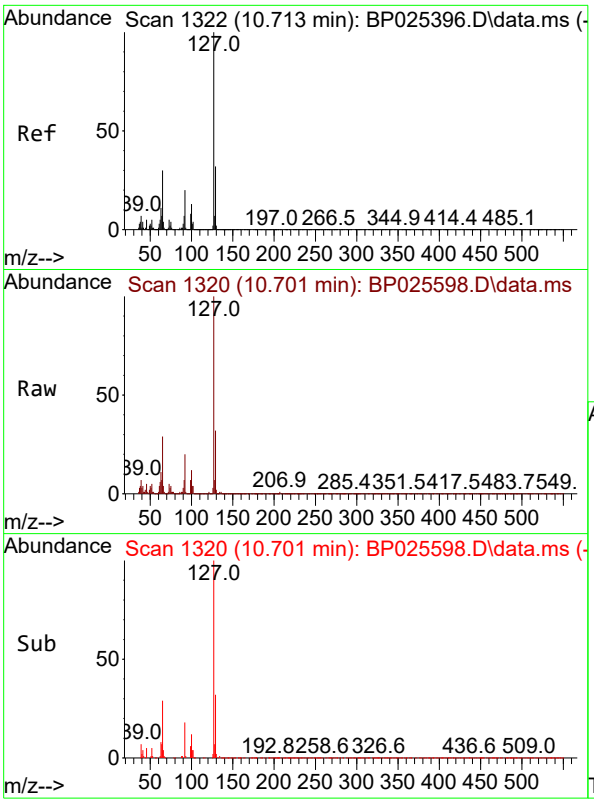


#32
Benzoic acid
Concen: 47.704 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:122 Resp: 337738

Ion	Ratio	Lower	Upper
122	100		
105	125.5	100.6	140.6
77	91.8	71.5	111.5



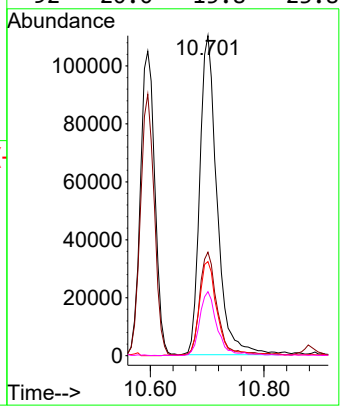


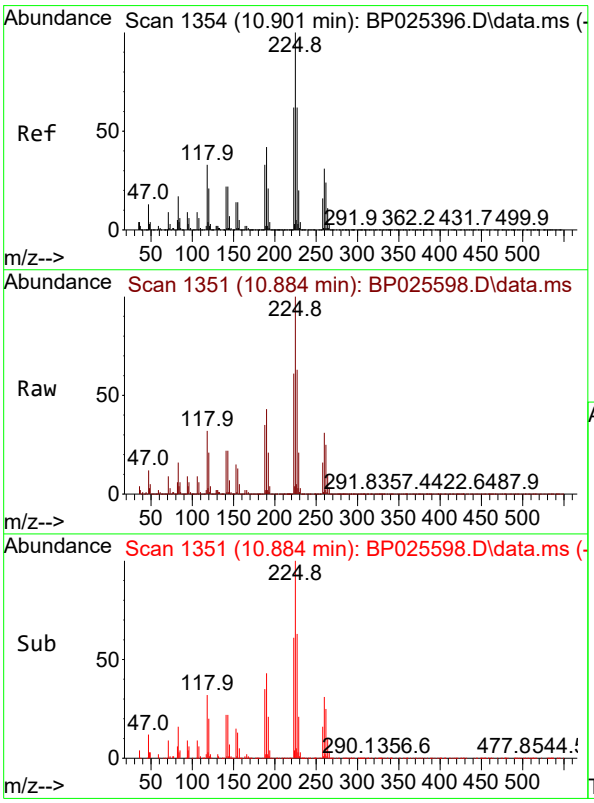
#33
4-Chloroaniline
Concen: 16.443 ng
RT: 10.701 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:127 Resp: 232182

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	29.4	23.8	35.6
92	20.0	15.8	23.8

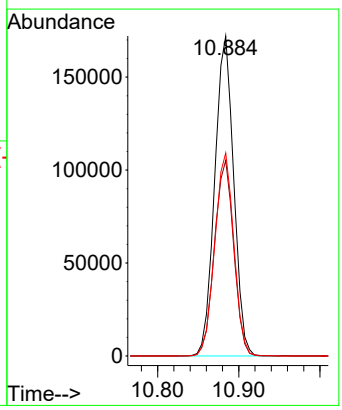


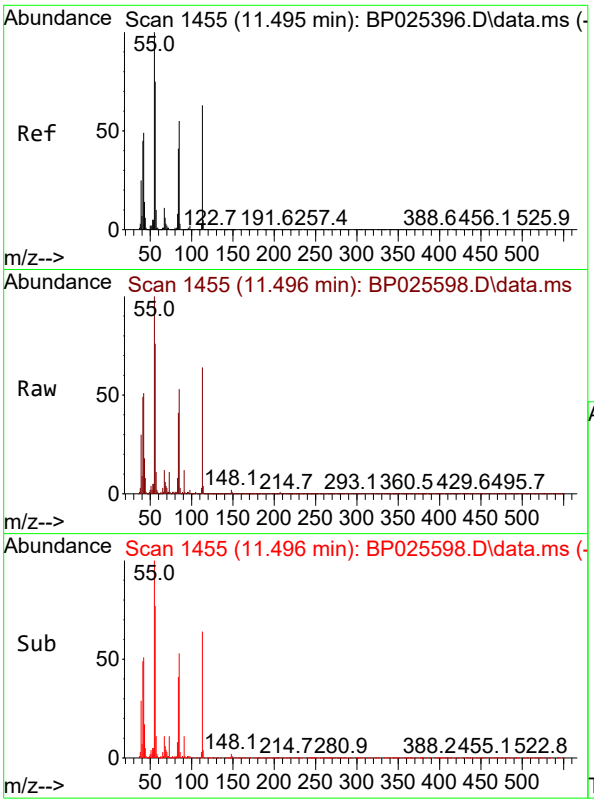


#34
Hexachlorobutadiene
Concen: 42.953 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:225 Resp: 279348

Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.0	75.0
227	63.5	49.7	74.5



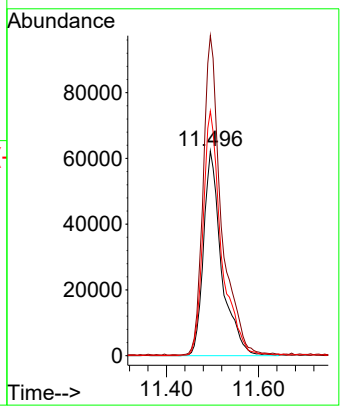


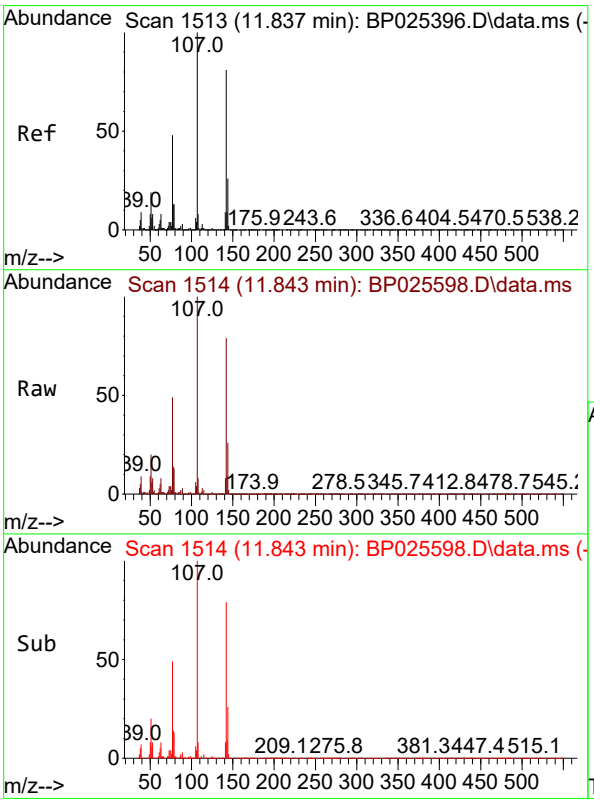
#35
Caprolactam
Concen: 48.609 ng
RT: 11.496 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:113 Resp: 169799

Ion	Ratio	Lower	Upper
113	100		
55	156.4	140.0	180.0
56	119.6	100.0	140.0

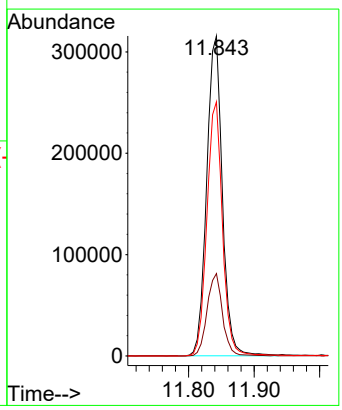


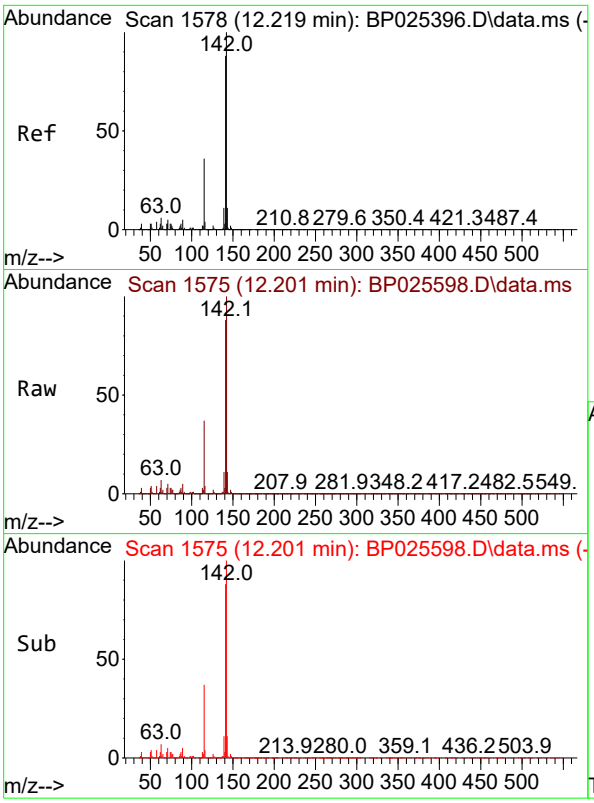


#36
4-Chloro-3-methylphenol
Concen: 47.987 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:107 Resp: 524556

Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.4
142	79.4	64.6	97.0



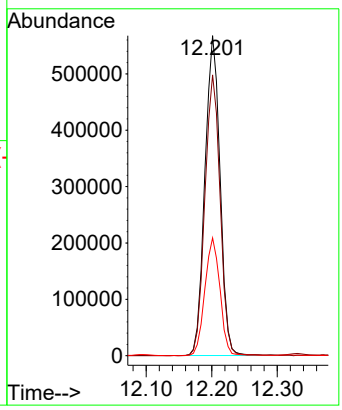


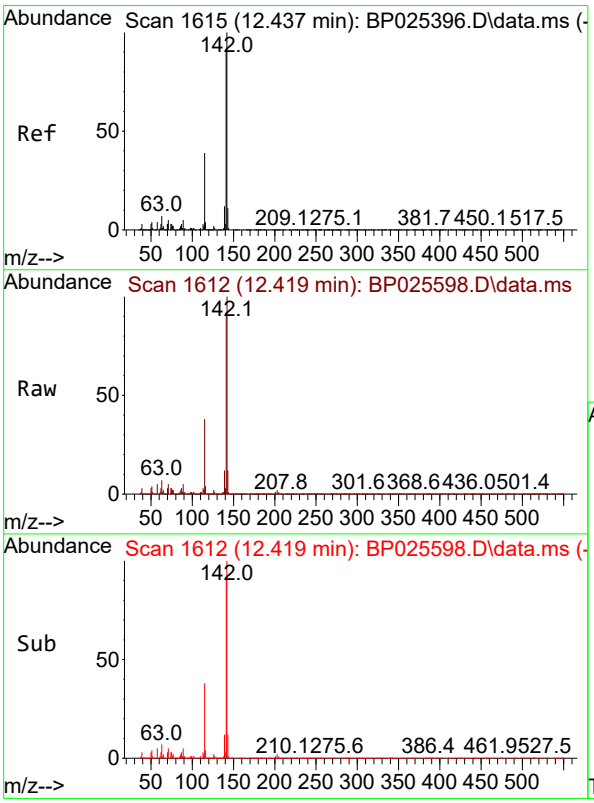
#37
2-Methylnaphthalene
Concen: 43.929 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:142 Resp: 913846

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	36.8	28.9	43.3

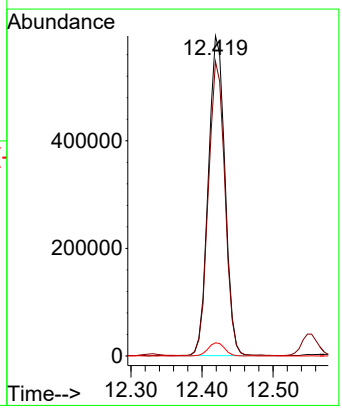


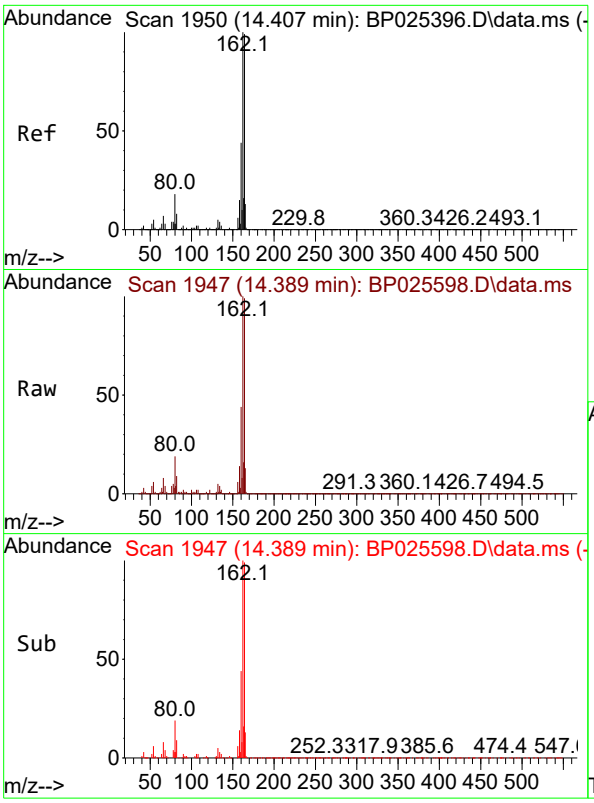


#38
1-Methylnaphthalene
Concen: 43.582 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:142 Resp: 964156

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.1	109.7
116	4.1	3.2	4.8



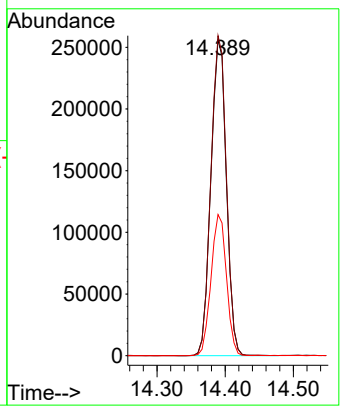


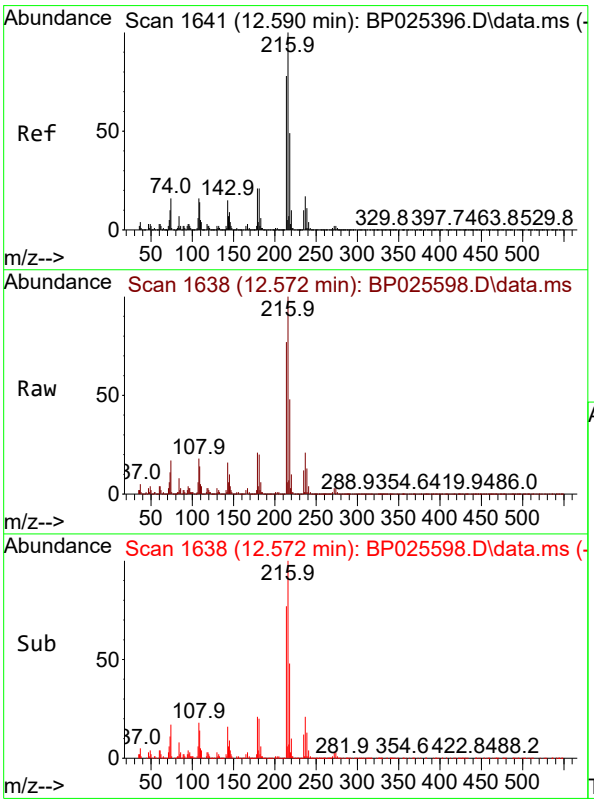
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:164 Resp: 404292

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.0	121.6
160	44.6	35.4	53.2

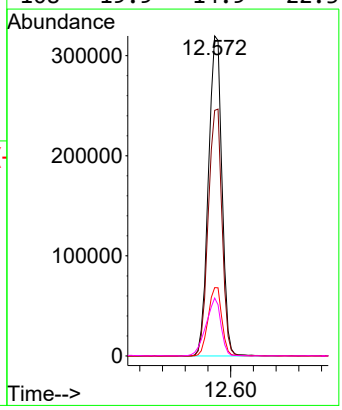


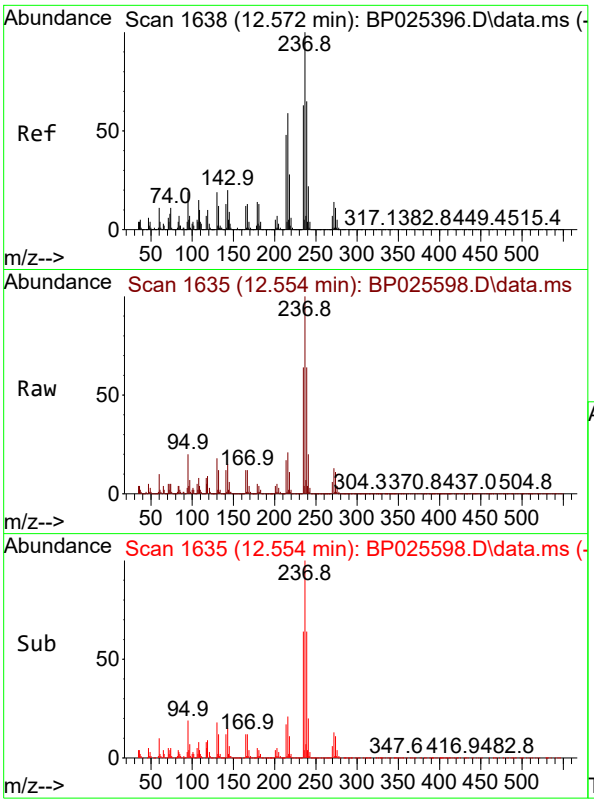


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.060 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:216 Resp: 526139

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.5	17.1	25.7
108	19.9	14.9	22.3



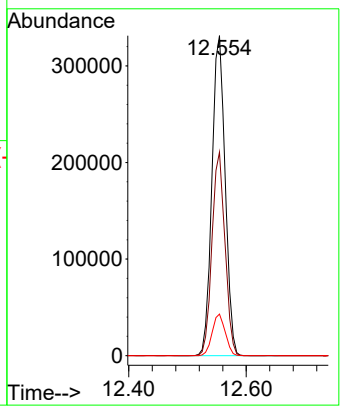


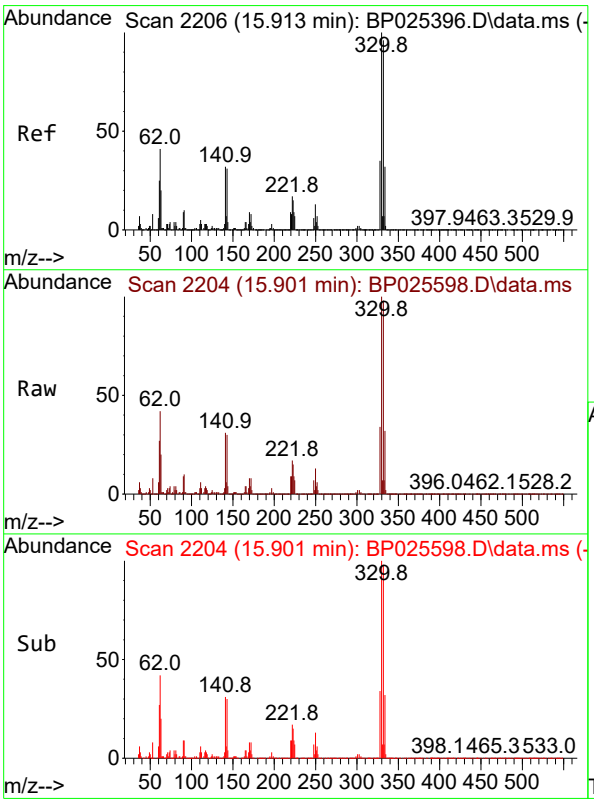
#41
Hexachlorocyclopentadiene
Concen: 73.254 ng
RT: 12.554 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:237 Resp: 516663

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.7	82.7
272	13.0	0.0	34.0

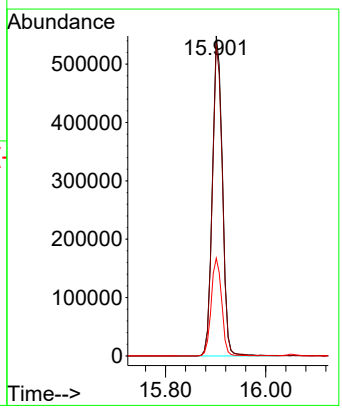


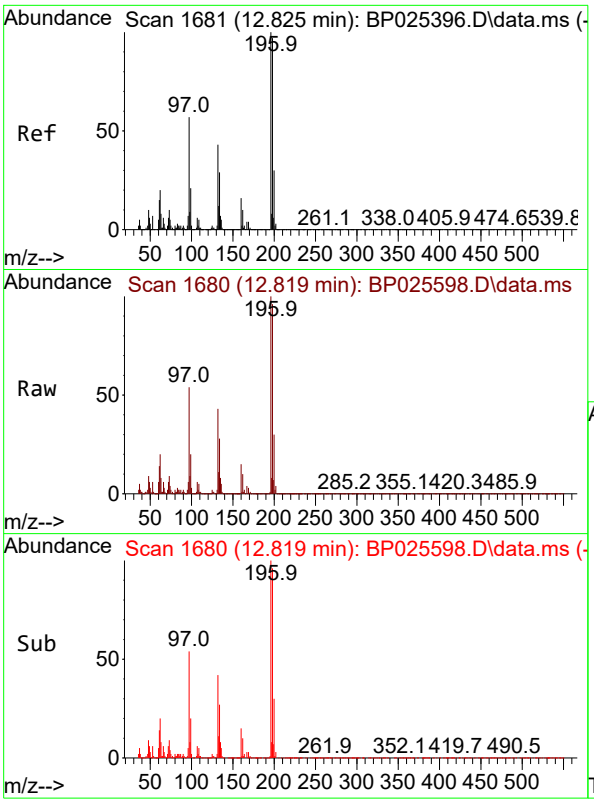


#42
2,4,6-Tribromophenol
Concen: 139.751 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:330 Resp: 760500

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	31.7	26.6	39.8



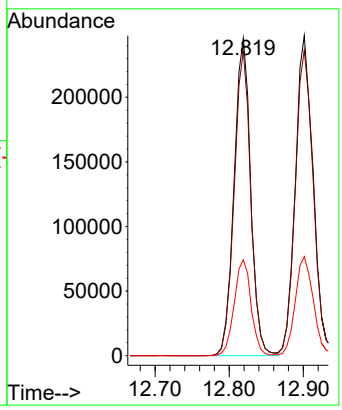


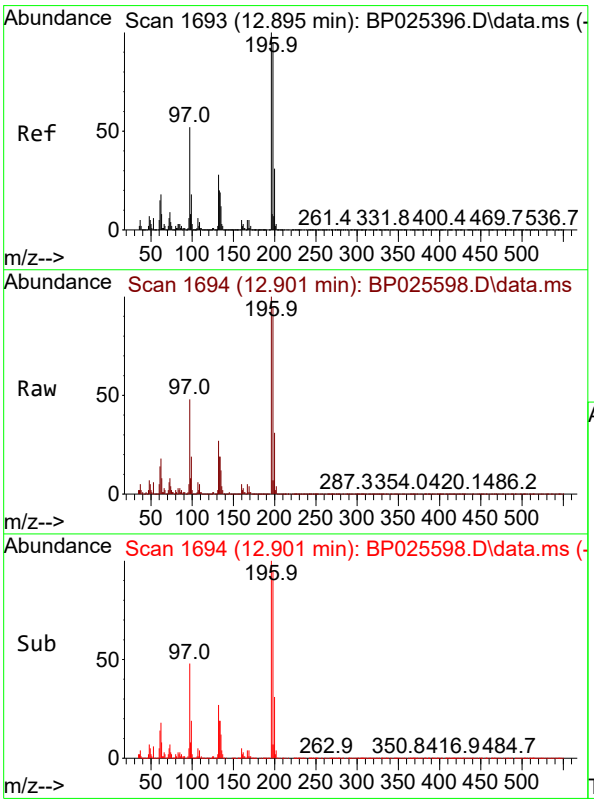
#43
2,4,6-Trichlorophenol
Concen: 48.516 ng
RT: 12.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:196 Resp: 382444

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.2	115.8
200	30.3	23.9	35.9

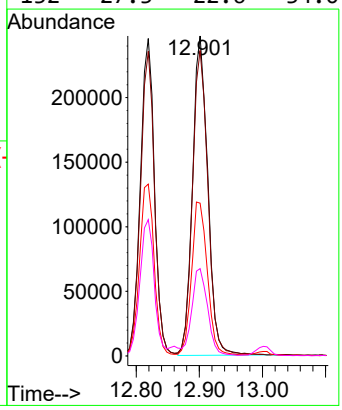


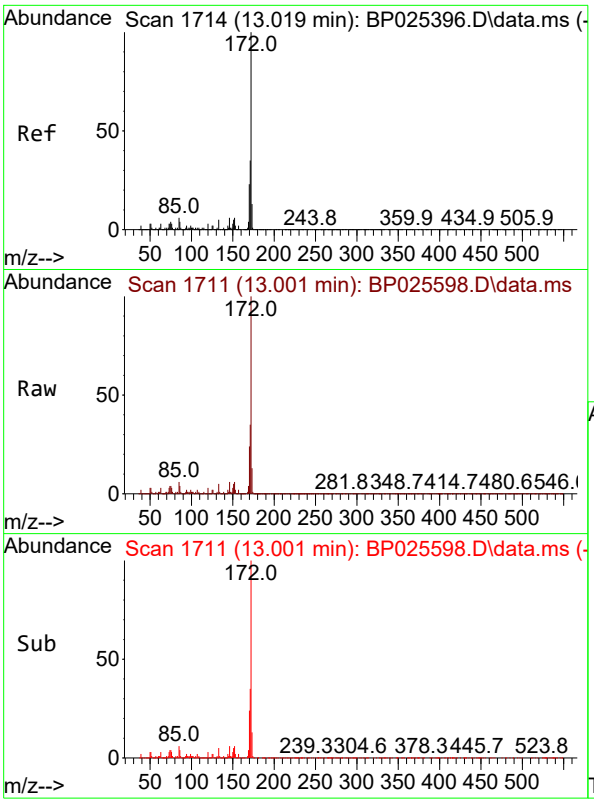


#44
2,4,5-Trichlorophenol
Concen: 48.086 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:196 Resp: 415430

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.2
97	47.7	41.2	61.8
132	27.3	22.6	34.0



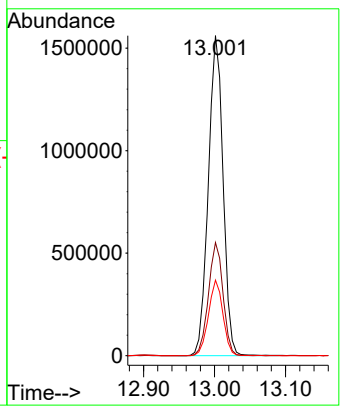


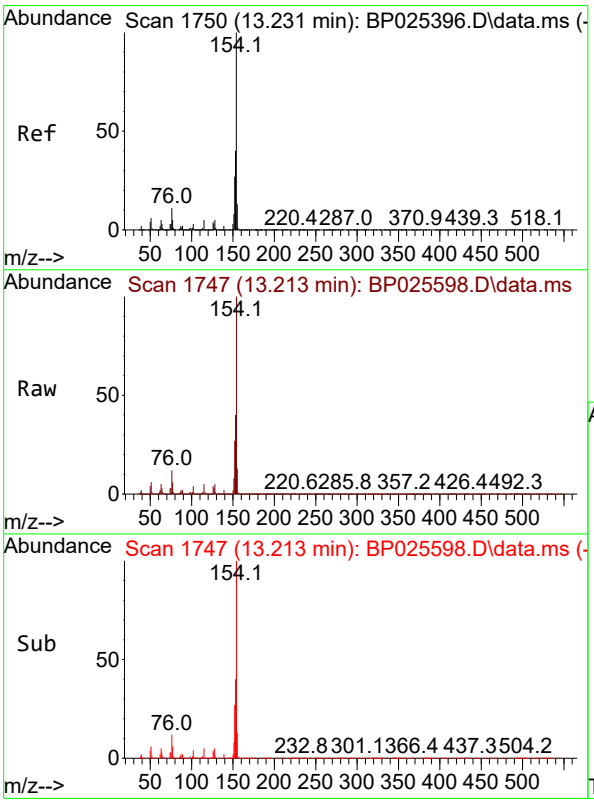
#45
2-Fluorobiphenyl
Concen: 76.139 ng
RT: 13.001 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:172 Resp: 2252347

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	23.6	18.6	28.0

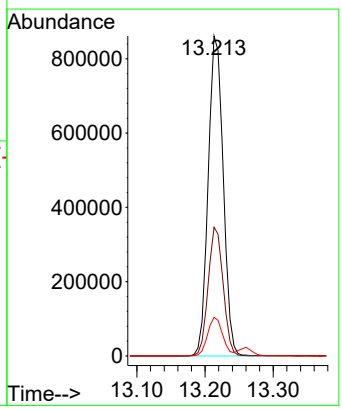


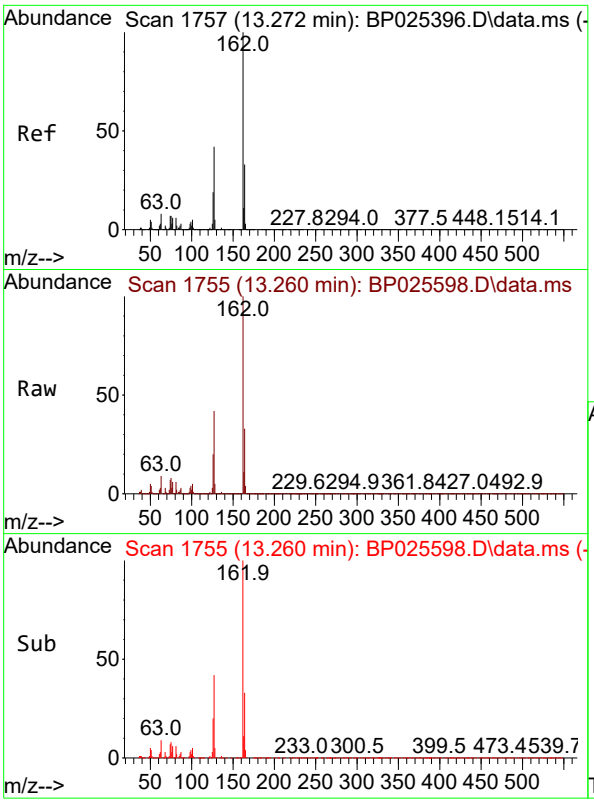


#46
1,1'-Biphenyl
Concen: 45.110 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:154 Resp: 1324535

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	12.1	0.0	31.1



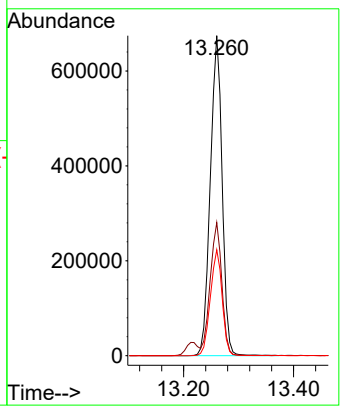


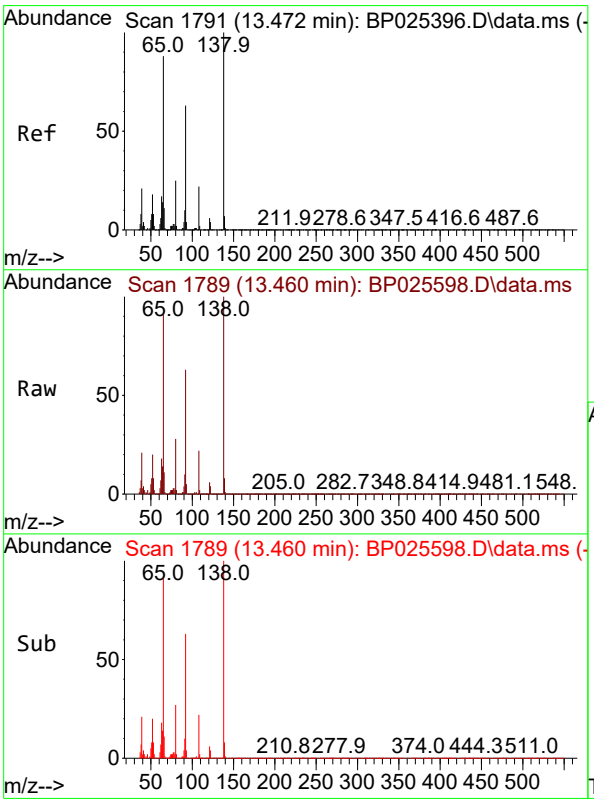
#47
2-Chloronaphthalene
Concen: 44.140 ng
RT: 13.260 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:162 Resp: 1008960

Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.4	50.2
164	33.1	26.2	39.2

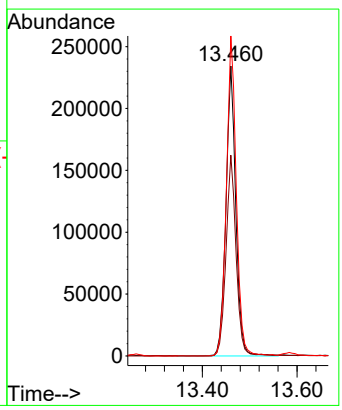


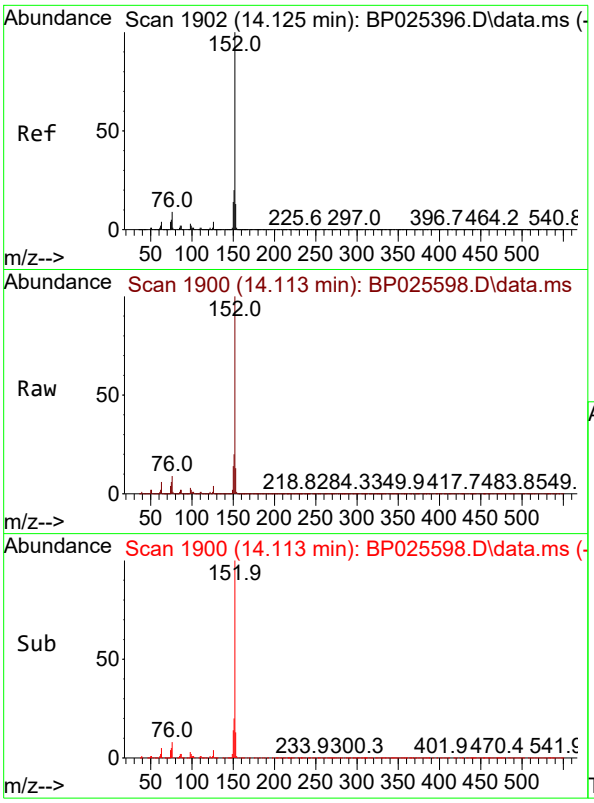


#48
2-Nitroaniline
Concen: 51.059 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion: 65 Resp: 340067

Ion	Ratio	Lower	Upper
65	100		
92	69.3	57.6	86.4
138	110.4	91.0	136.6



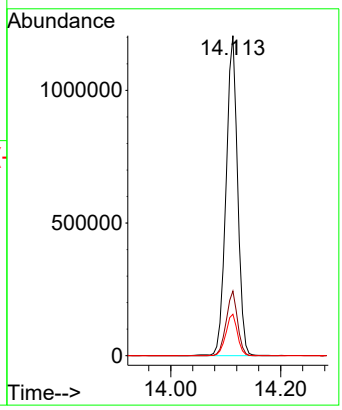


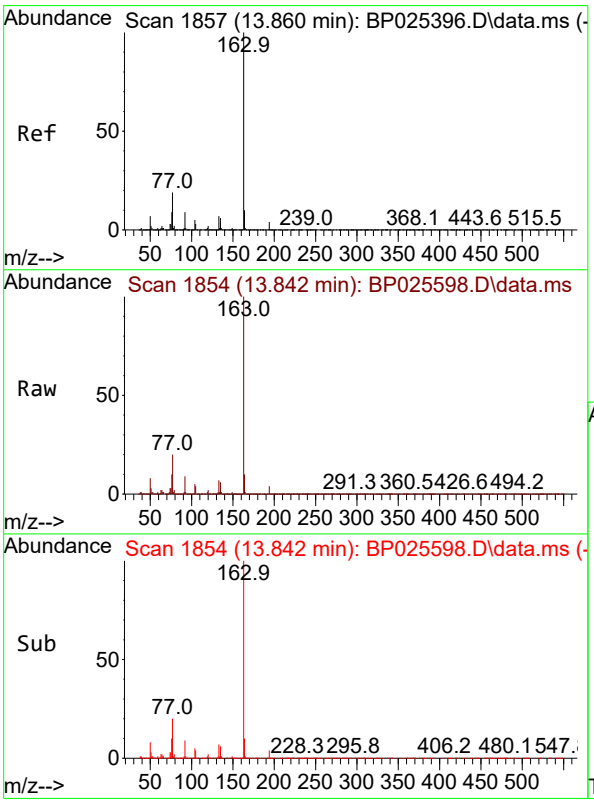
#49
Acenaphthylene
Concen: 46.477 ng
RT: 14.113 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:152 Resp: 1757916

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.0	10.6	15.8

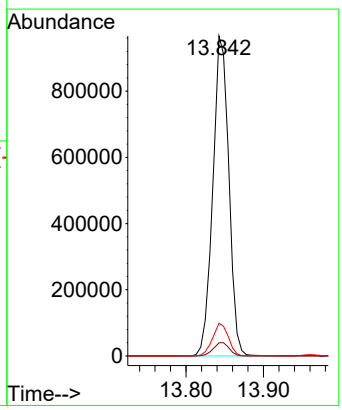


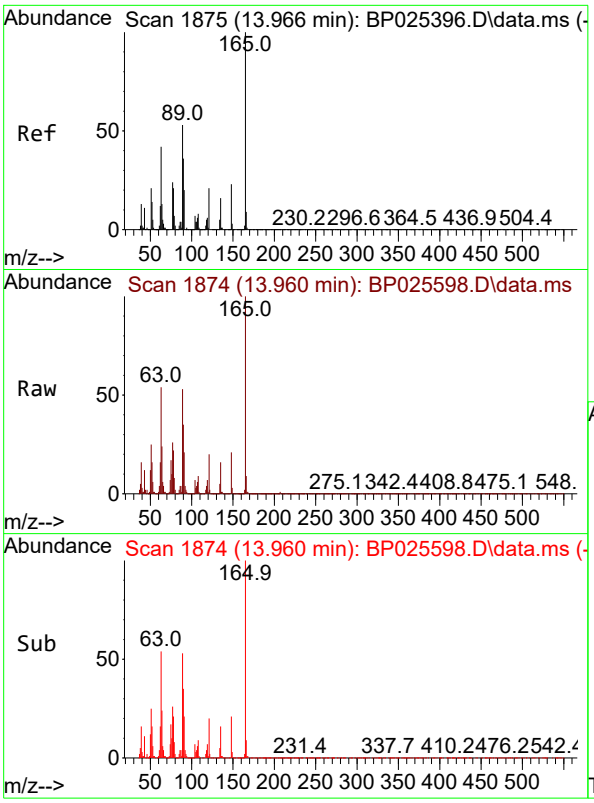


#50
Dimethylphthalate
Concen: 46.949 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:163 Resp: 1389966

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	7.9	11.9



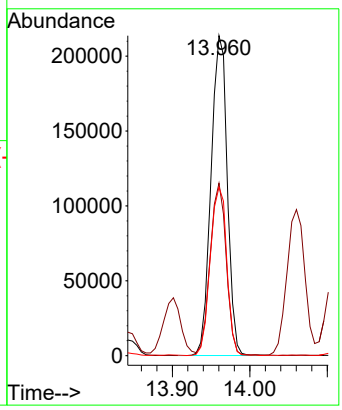


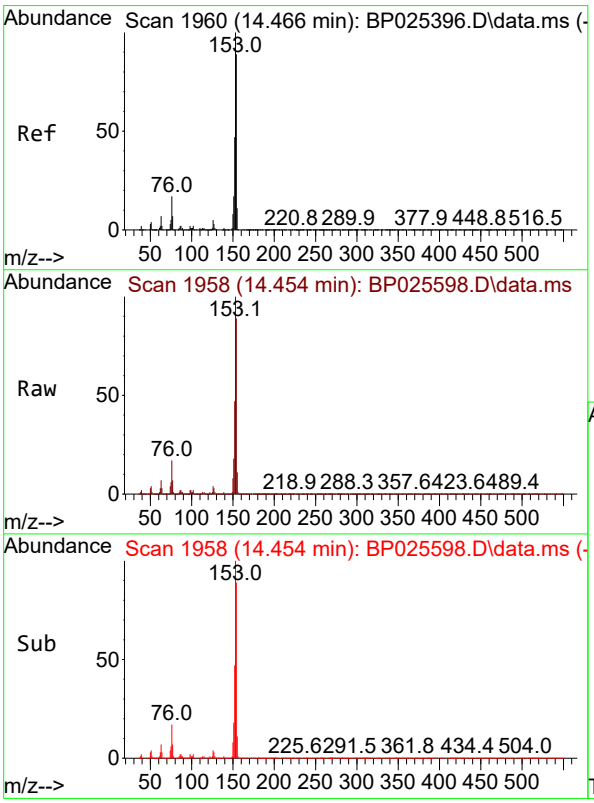
#51
2,6-Dinitrotoluene
Concen: 49.834 ng
RT: 13.960 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:165 Resp: 310968

Ion	Ratio	Lower	Upper
165	100		
63	53.9	40.9	61.3
89	52.7	42.1	63.1

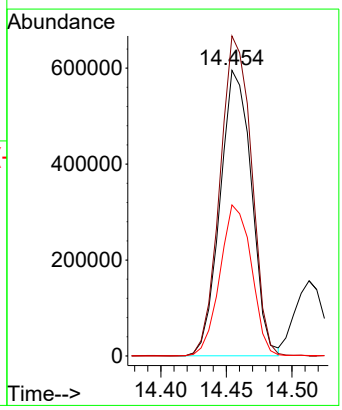


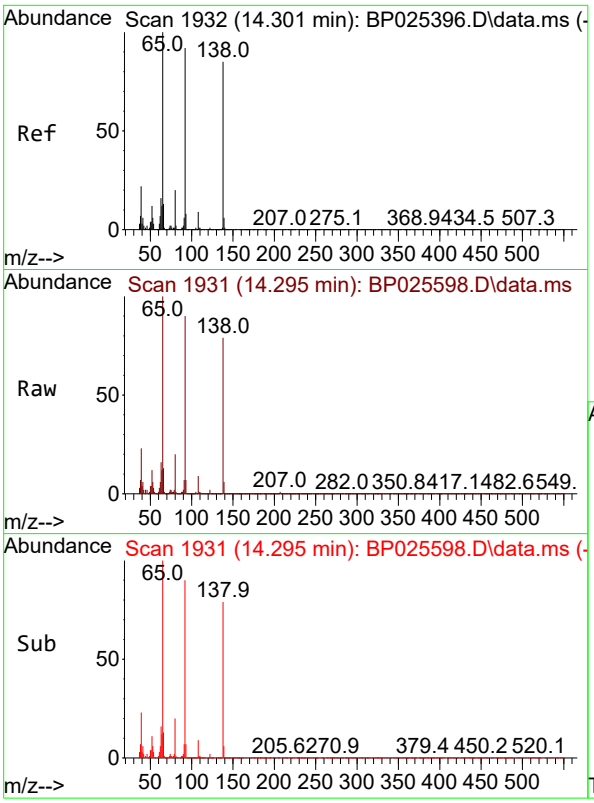


#52
Acenaphthene
Concen: 44.794 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:154 Resp: 994508

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.2	135.2
152	52.9	42.1	63.1



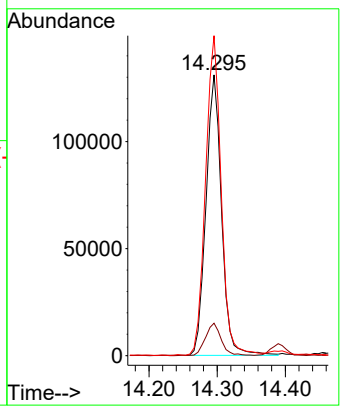


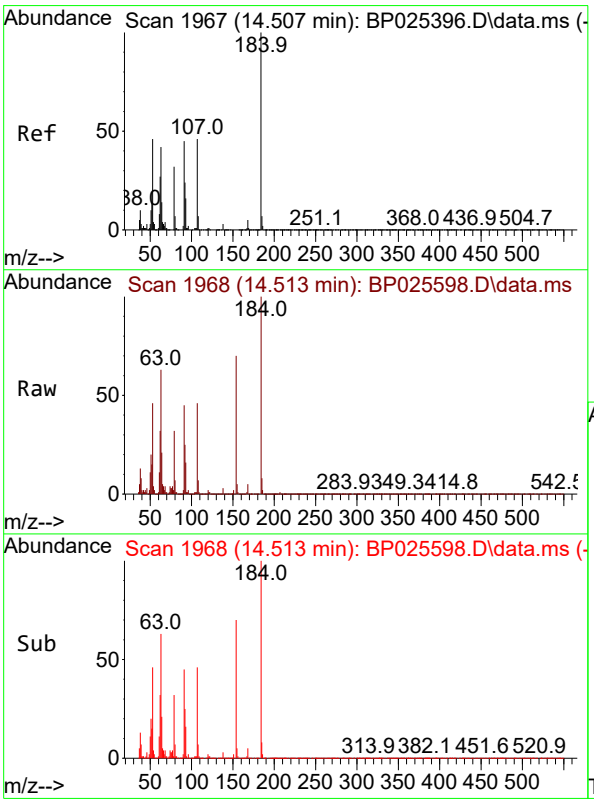
#53
3-Nitroaniline
Concen: 29.714 ng
RT: 14.295 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:138 Resp: 208610

Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.3	12.5
92	114.0	86.2	129.2

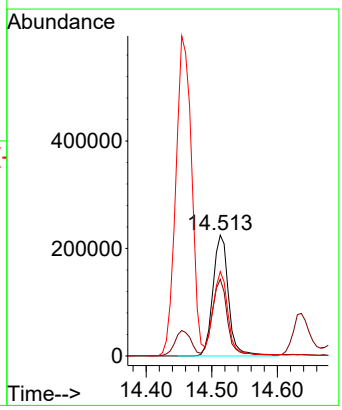


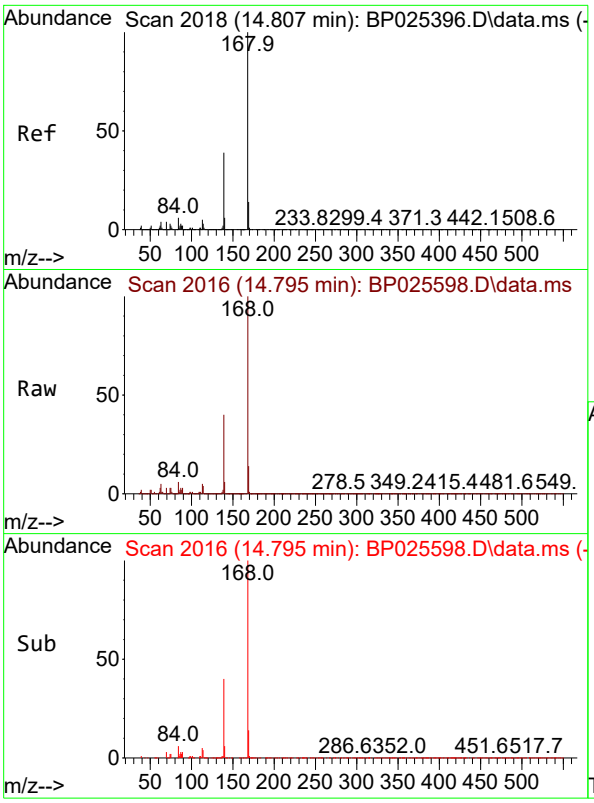


#54
2,4-Dinitrophenol
Concen: 111.480 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:184 Resp: 371494

Ion	Ratio	Lower	Upper
184	100		
63	63.4	49.4	74.2
154	69.8	54.6	82.0



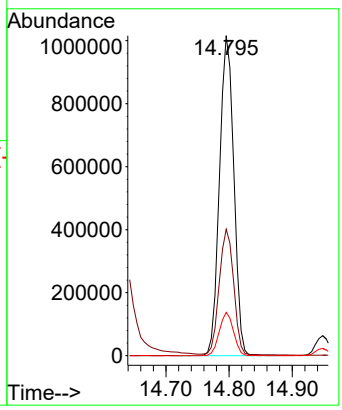


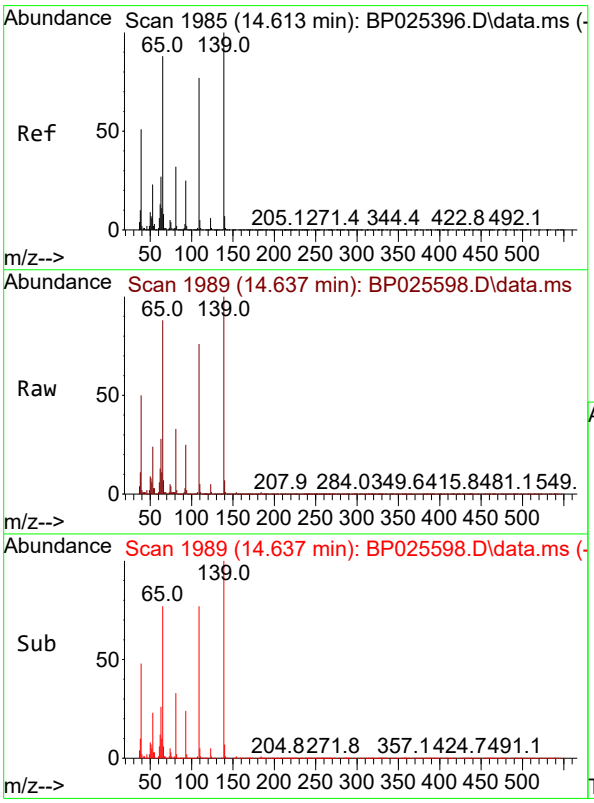
#55
Dibenzofuran
Concen: 45.542 ng
RT: 14.795 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:168 Resp: 1598571

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.5	47.3
169	13.6	10.9	16.3

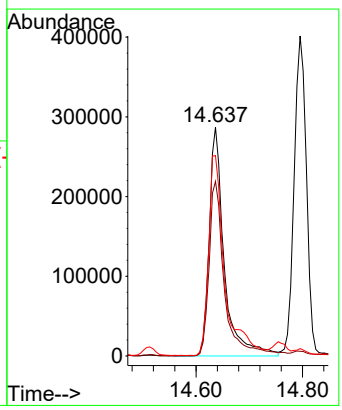


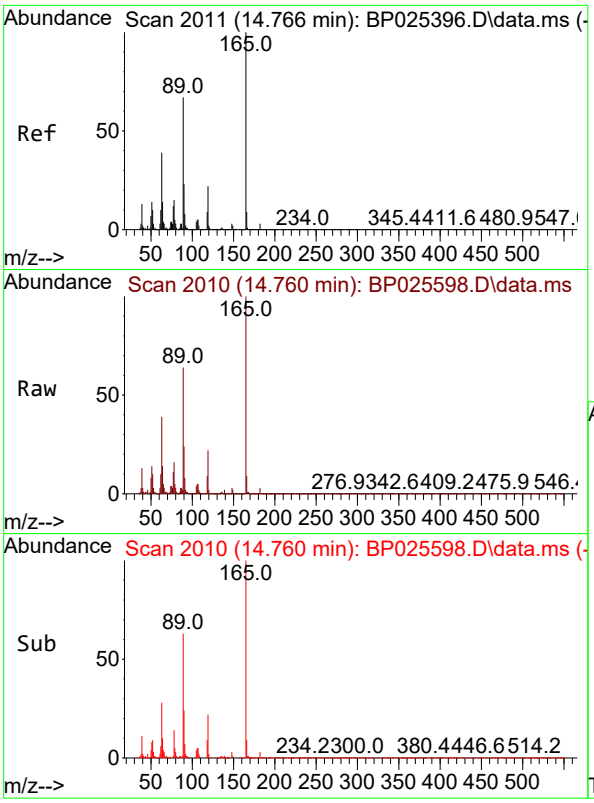


#56
4-Nitrophenol
Concen: 96.869 ng
RT: 14.637 min Scan# 1989
Delta R.T. 0.024 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:139 Resp: 558851

Ion	Ratio	Lower	Upper
139	100		
109	76.3	56.6	96.6
65	87.5	68.2	108.2



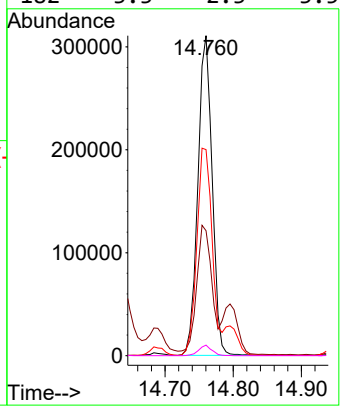


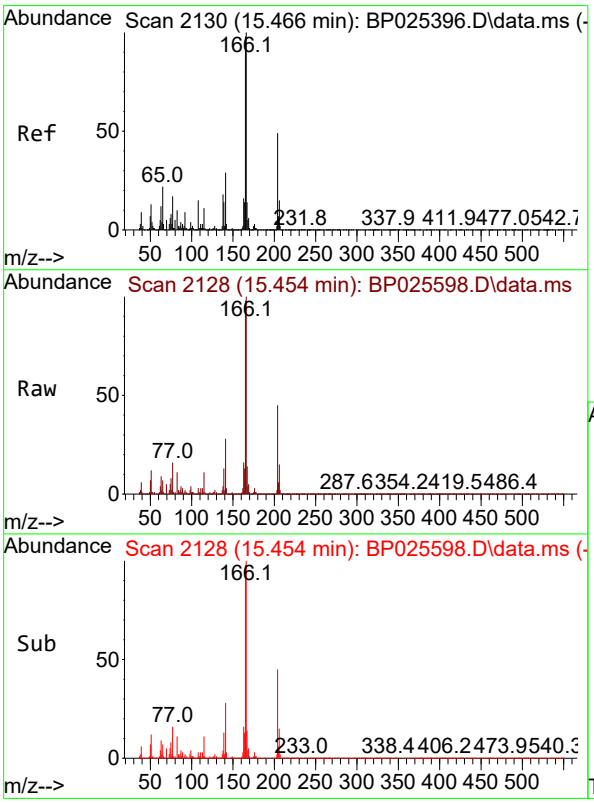
#57
2,4-Dinitrotoluene
Concen: 50.781 ng
RT: 14.760 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:165 Resp: 452100

Ion	Ratio	Lower	Upper
165	100		
63	39.1	31.4	47.2
89	64.4	53.3	79.9
182	3.3	2.3	3.5

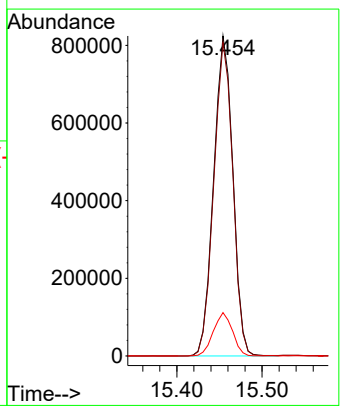


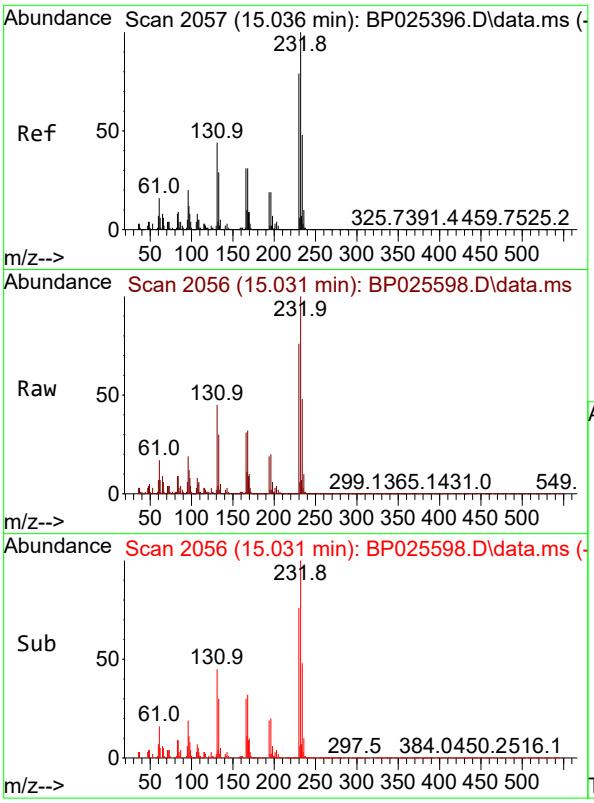


#58
Fluorene
Concen: 46.806 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:166 Resp: 1296385

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.8	118.2
167	13.5	11.0	16.4



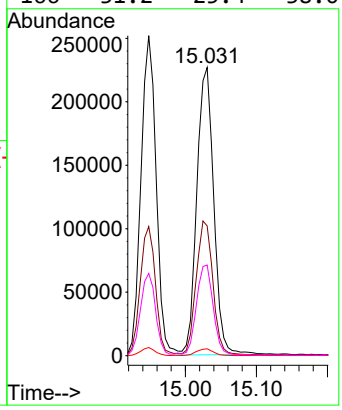


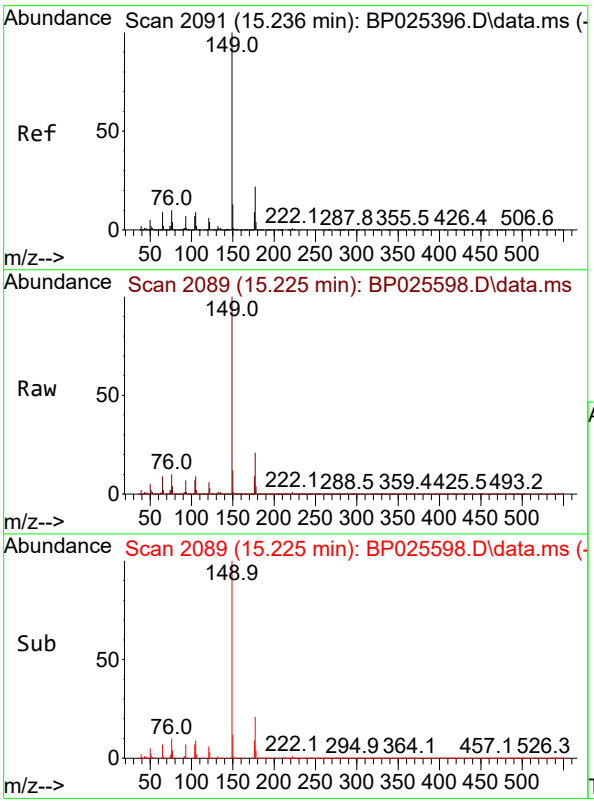
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.388 ng
RT: 15.031 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:232 Resp: 376756

Ion	Ratio	Lower	Upper
232	100		
131	45.6	37.0	55.6
130	2.4	1.9	2.9
166	31.2	25.4	38.0

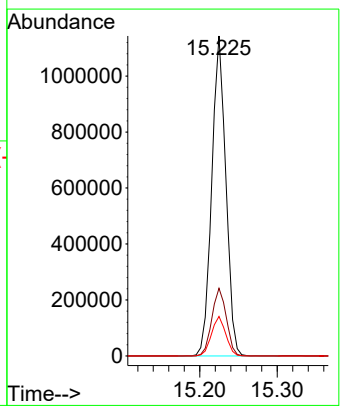


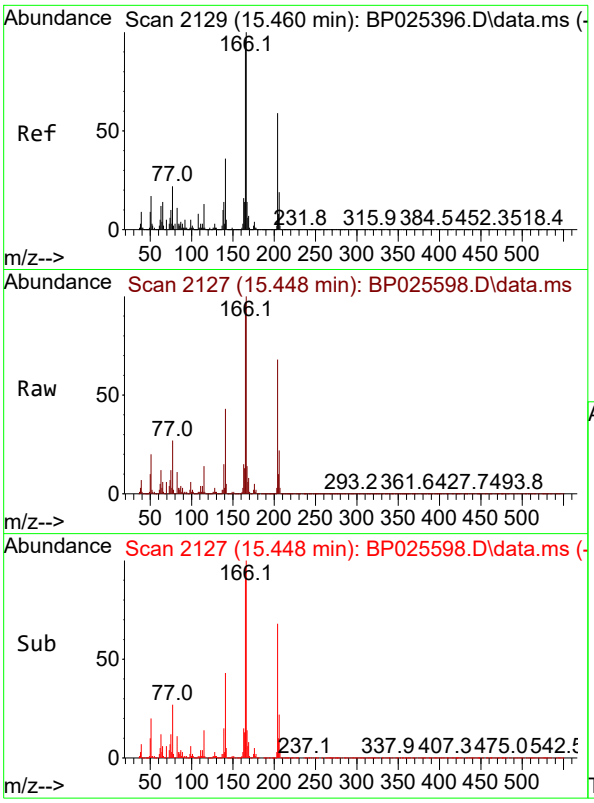


#60
Diethylphthalate
Concen: 47.987 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:149 Resp: 1443571

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.3	25.9
150	12.4	10.3	15.5



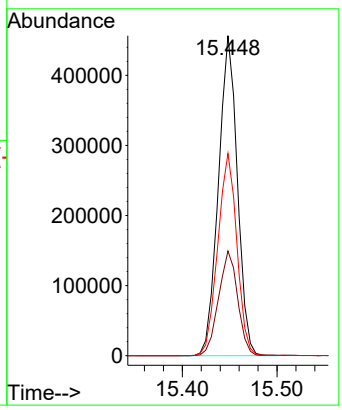


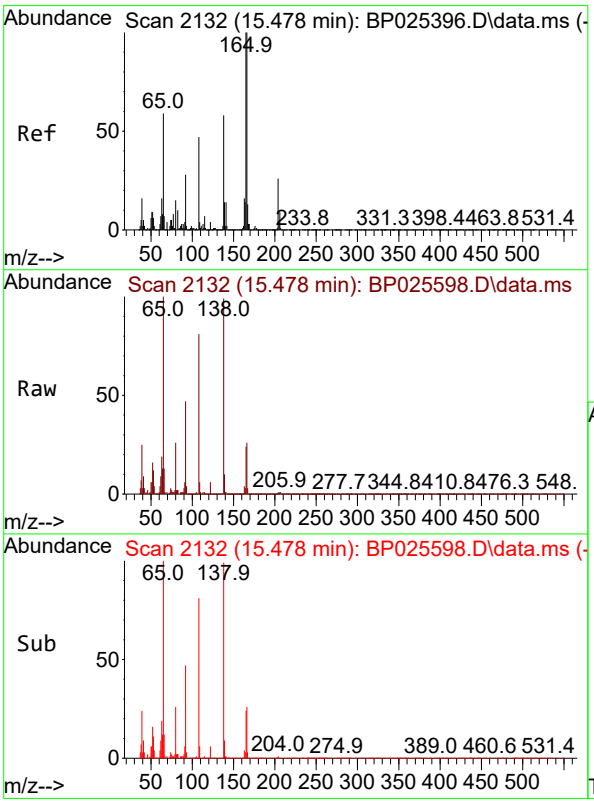
#61
4-Chlorophenyl-phenylether
Concen: 46.063 ng
RT: 15.448 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:204 Resp: 634515

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	63.2	49.4	74.2

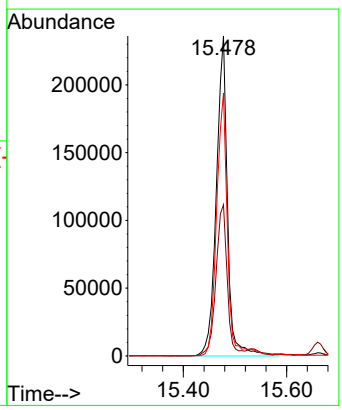


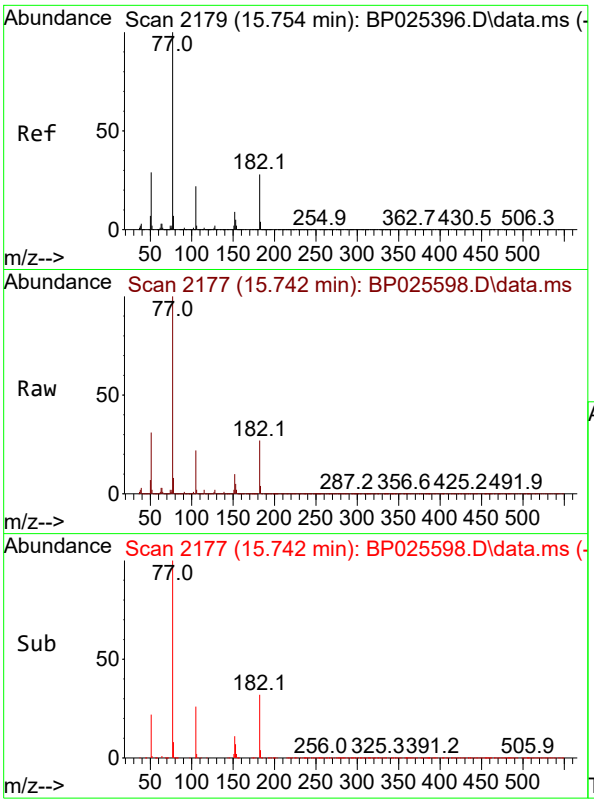


#62
4-Nitroaniline
Concen: 49.190 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:138 Resp: 354037

Ion	Ratio	Lower	Upper
138	100		
92	47.3	29.1	69.1
108	82.1	61.5	101.5



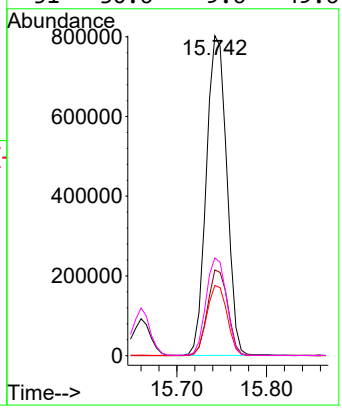


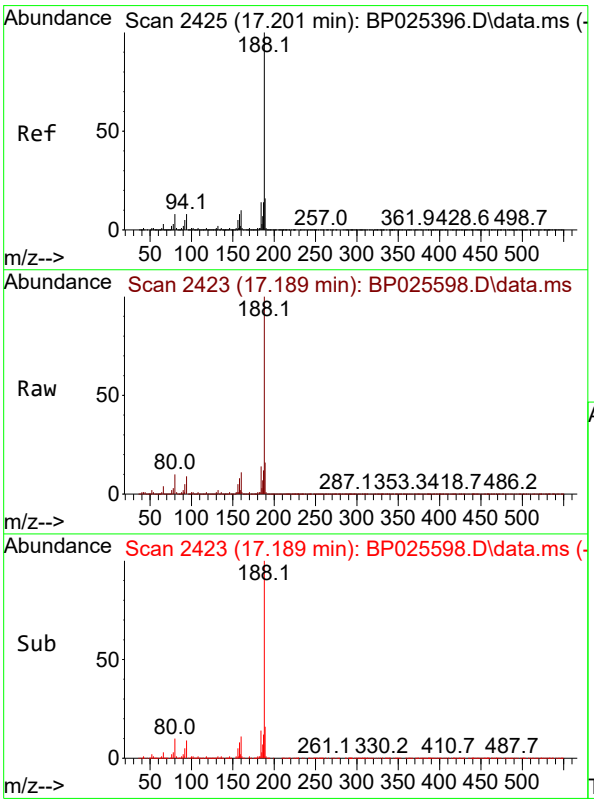
#63
Azobenzene
Concen: 49.158 ng
RT: 15.742 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion: 77 Resp: 1266252

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.5	47.5
105	22.0	2.1	42.1
51	30.6	9.6	49.6

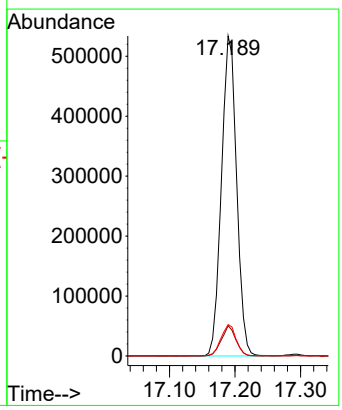


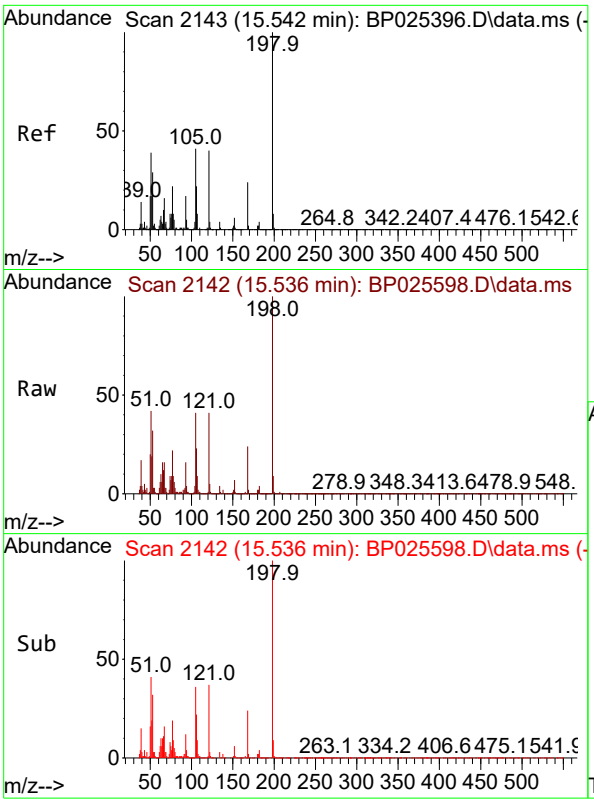


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:188 Resp: 853901

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	10.0
80	9.8	6.7	10.1



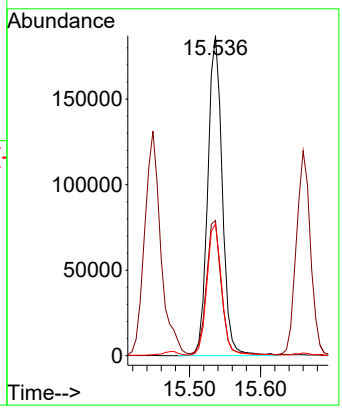


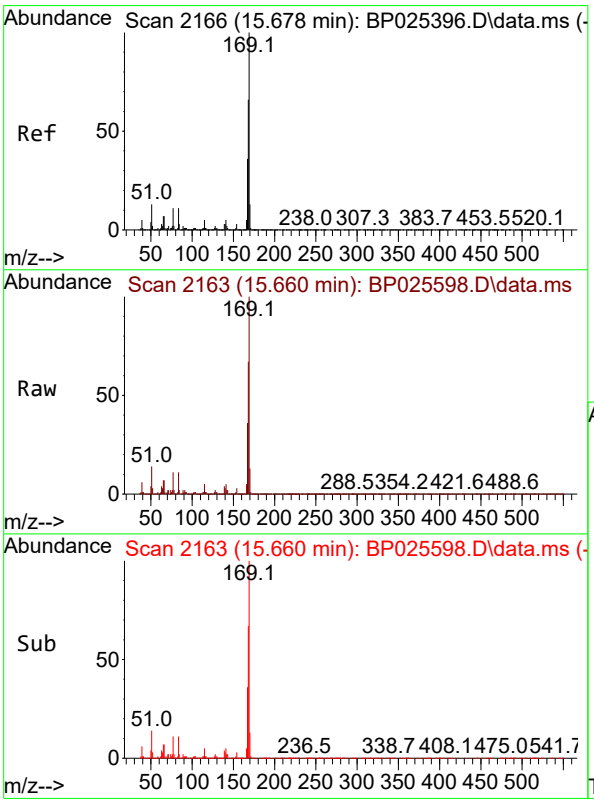
#65
4,6-Dinitro-2-methylphenol
Concen: 49.885 ng
RT: 15.536 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:198 Resp: 265528

Ion	Ratio	Lower	Upper
198	100		
51	42.3	19.6	59.6
105	41.2	20.9	60.9

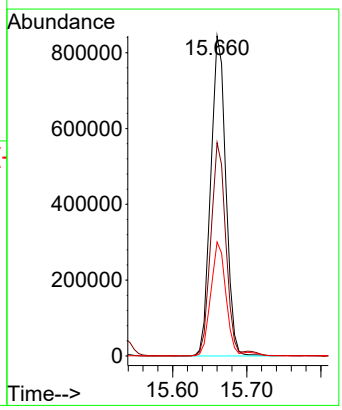


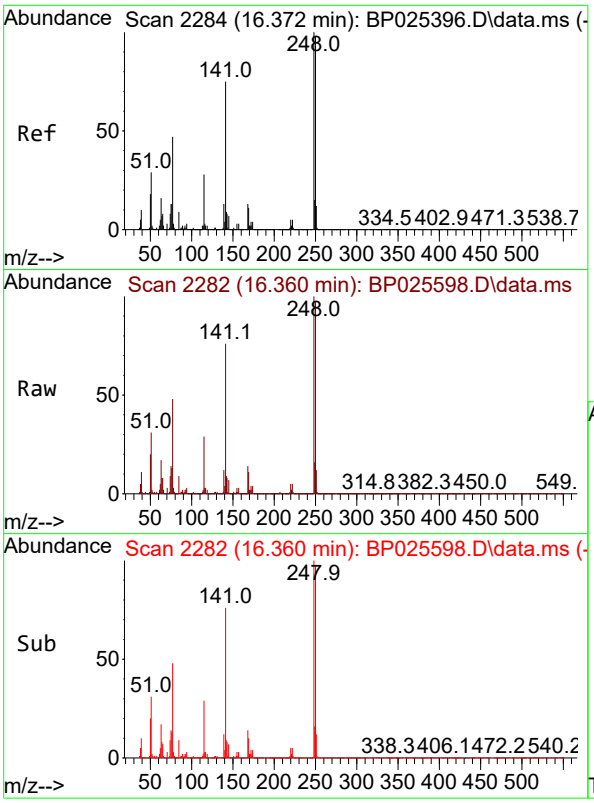


#66
n-Nitrosodiphenylamine
Concen: 45.853 ng
RT: 15.660 min Scan# 2163
Delta R.T. -0.018 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:169 Resp: 1193960

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	35.6	28.7	43.1



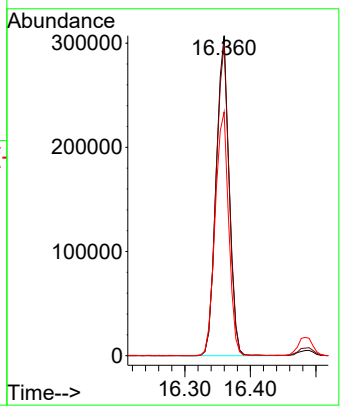


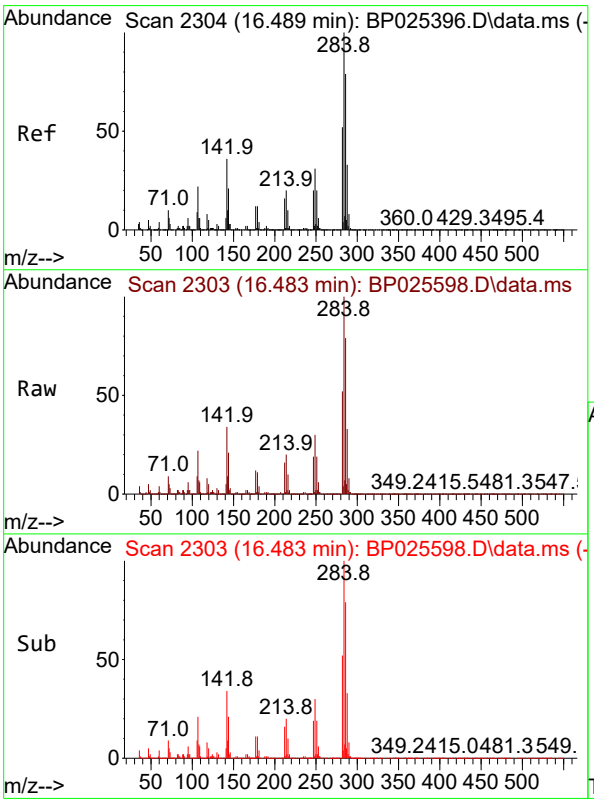
#67
4-Bromophenyl-phenylether
Concen: 44.965 ng
RT: 16.360 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:248 Resp: 422284

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.2	117.2
141	76.1	59.6	89.4

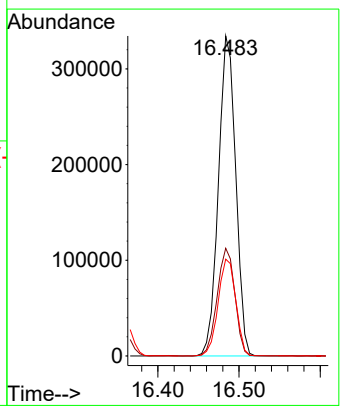


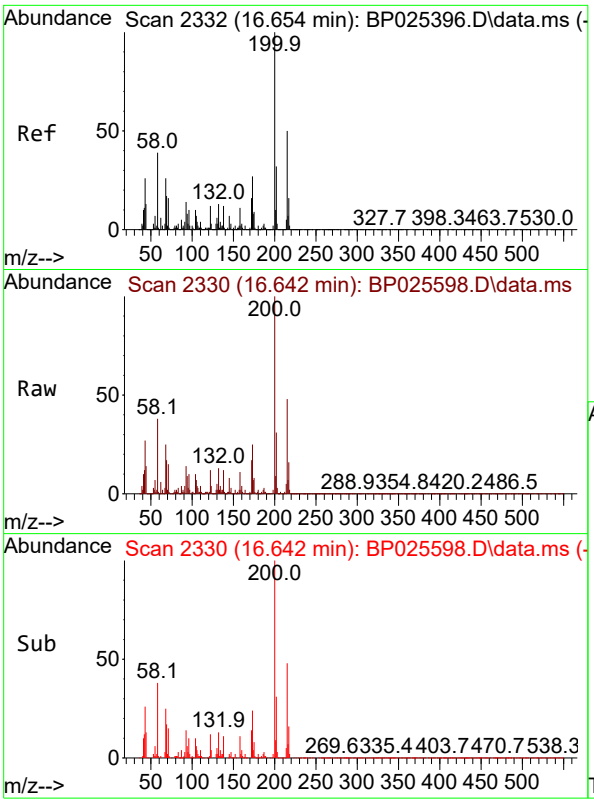


#68
Hexachlorobenzene
Concen: 45.538 ng
RT: 16.483 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:284 Resp: 495747

Ion	Ratio	Lower	Upper
284	100		
142	33.7	29.1	43.7
249	30.3	25.0	37.4



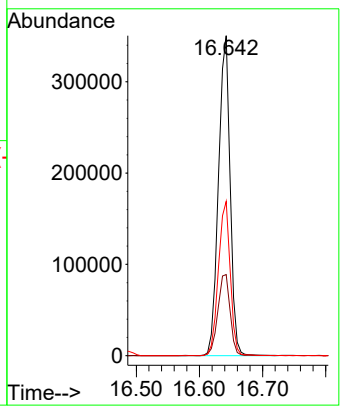


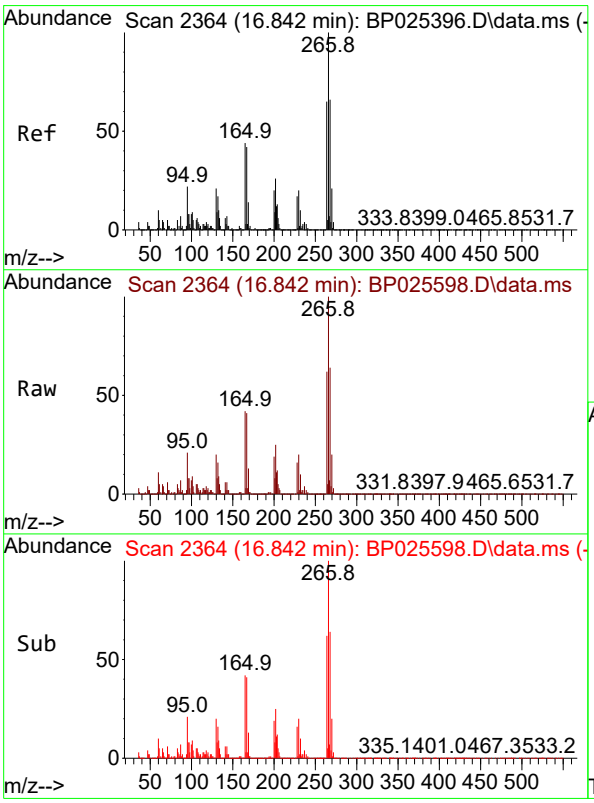
#69
Atrazine
Concen: 45.940 ng
RT: 16.642 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:200 Resp: 447985

Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.7	46.7
215	48.2	29.7	69.7

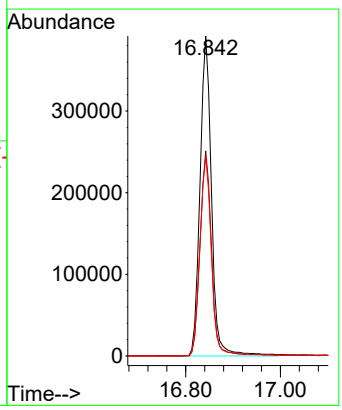


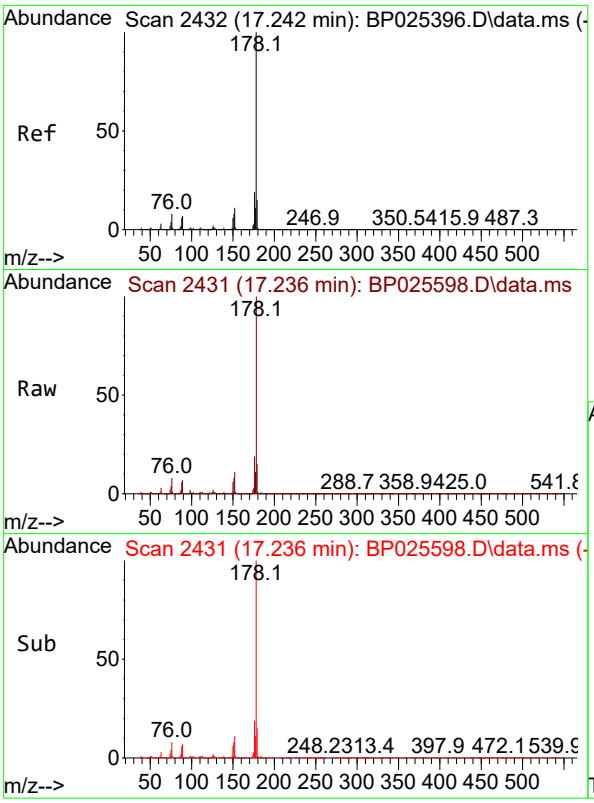


#70
Pentachlorophenol
Concen: 95.643 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:266 Resp: 657272

Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.6	79.0
264	62.3	52.0	78.0



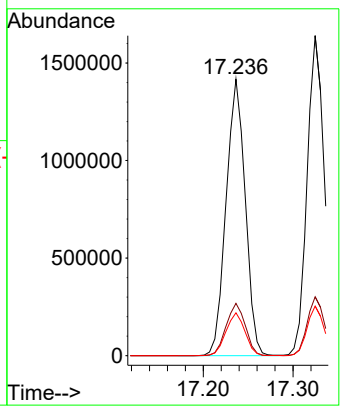


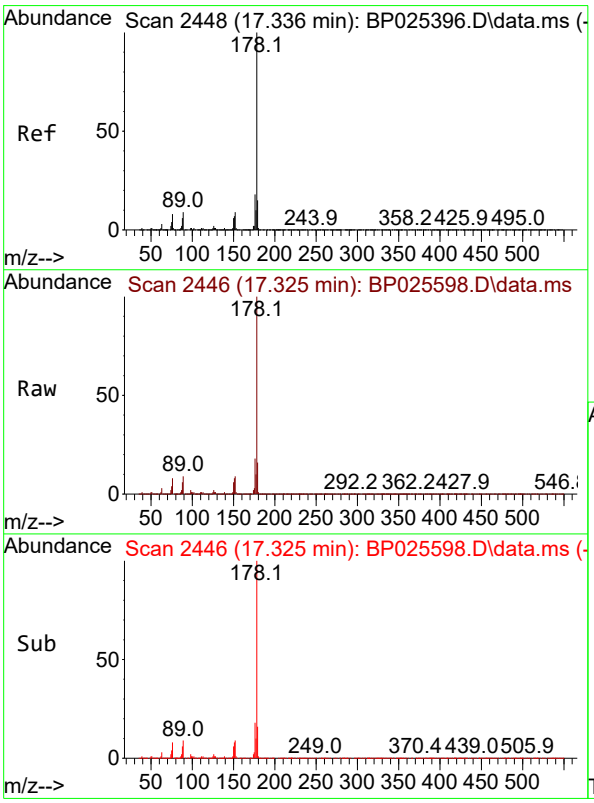
#71
Phenanthrene
Concen: 44.783 ng
RT: 17.236 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:178 Resp: 2100644

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.5	12.2	18.4

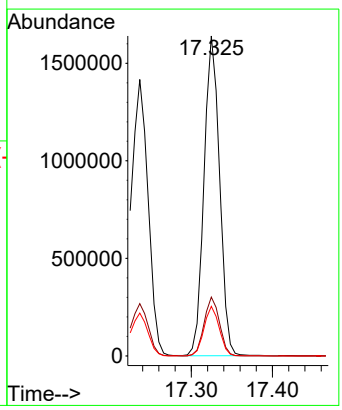


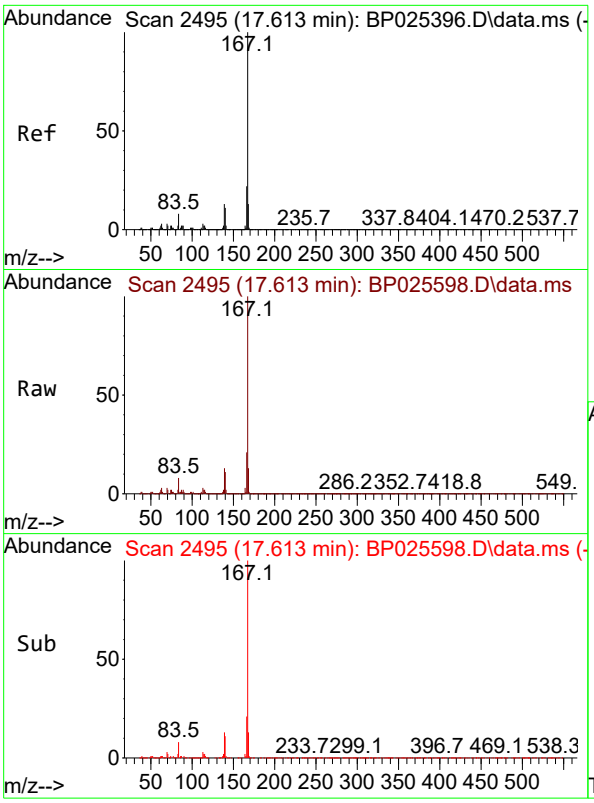


#72
Anthracene
Concen: 45.493 ng
RT: 17.325 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:178 Resp: 2179229

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.5	12.2	18.2



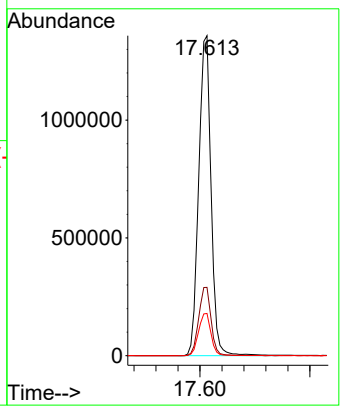


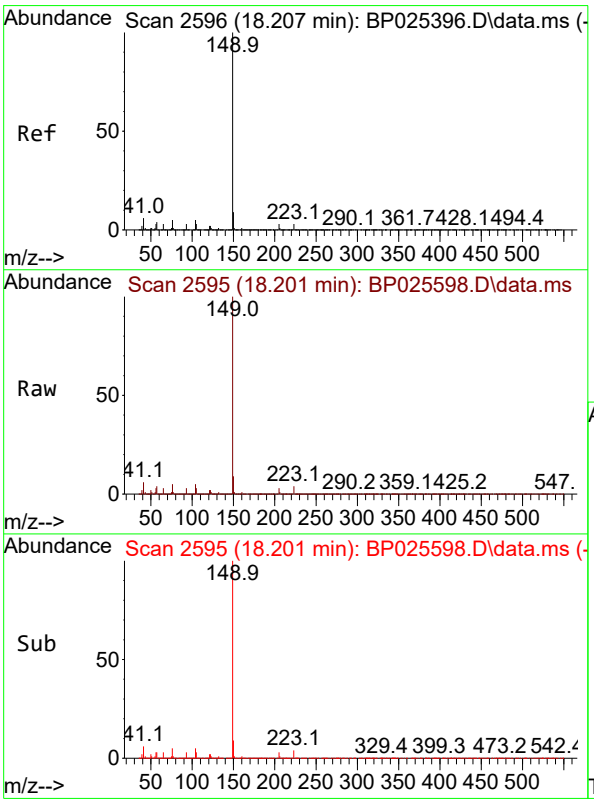
#73
Carbazole
Concen: 46.844 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:167 Resp: 2113591

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.2	10.6	16.0

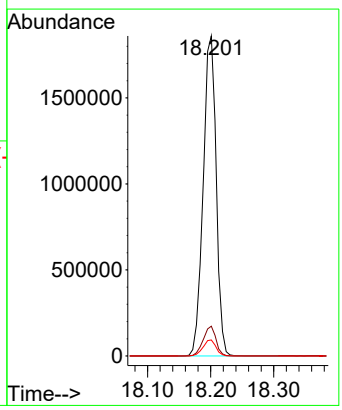


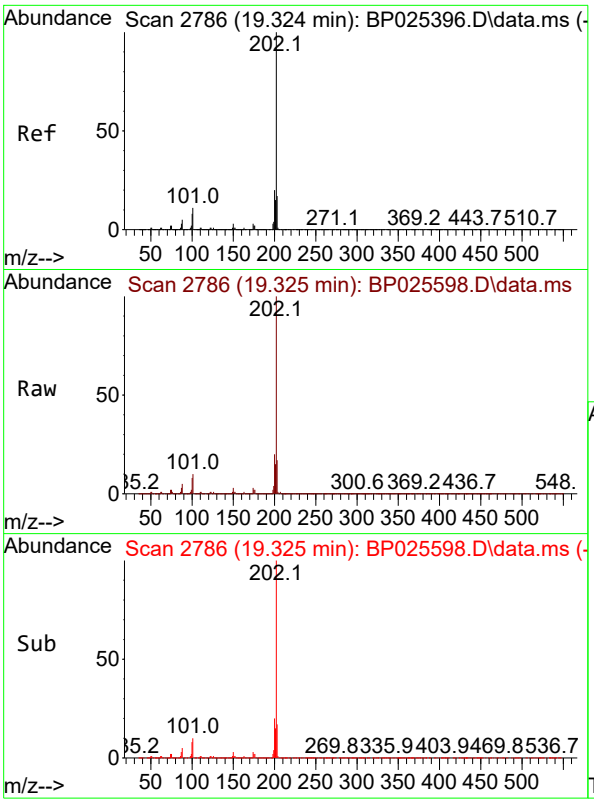


#74
Di-n-butylphthalate
Concen: 47.980 ng
RT: 18.201 min Scan# 2595
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:149 Resp: 2663481

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.2	6.2



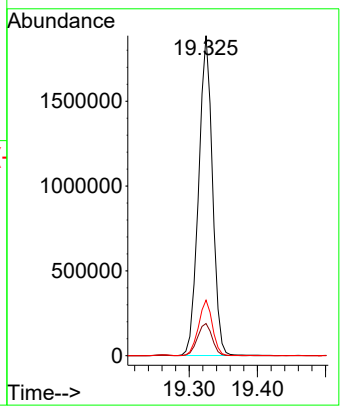


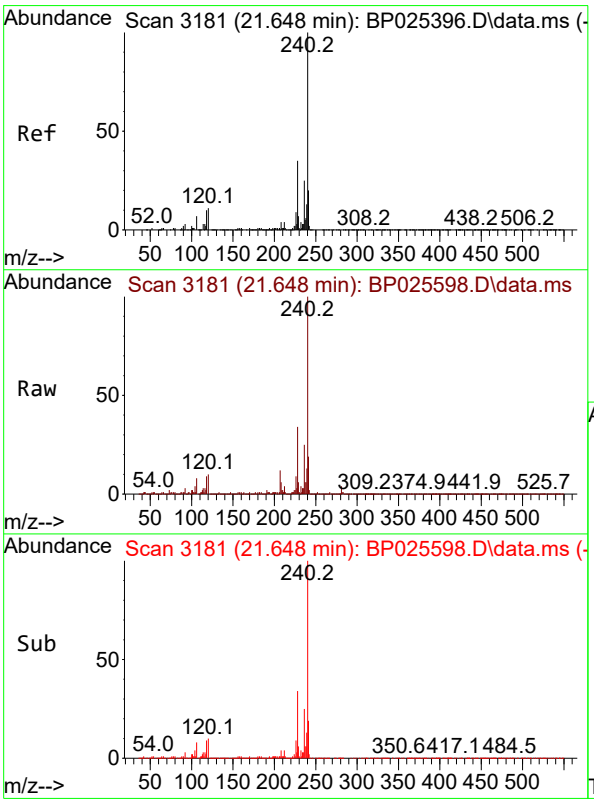
#75
Fluoranthene
Concen: 47.529 ng
RT: 19.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:202 Resp: 2659369

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.3	0.0	37.3

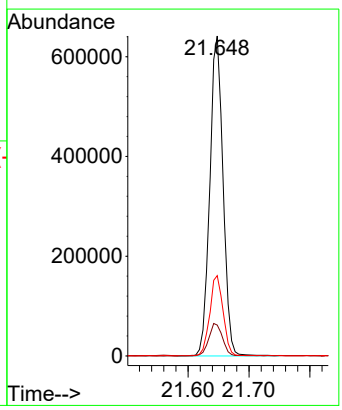


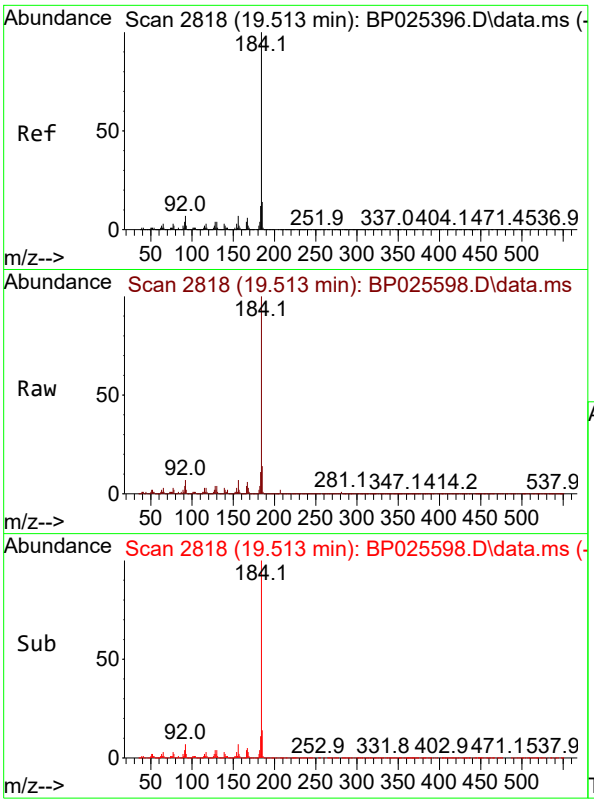


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:240 Resp: 969472

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.9	13.3
236	25.1	19.8	29.8



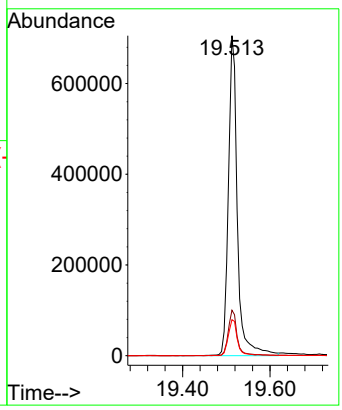


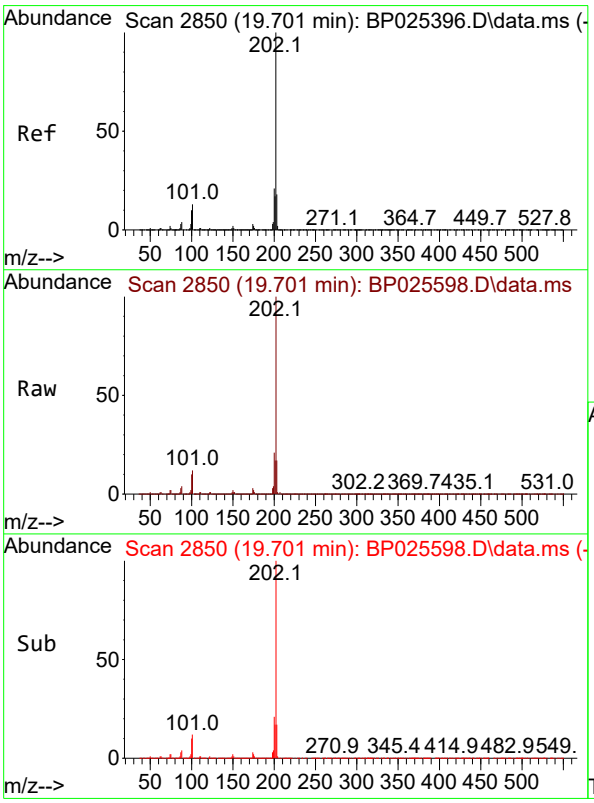
#77
Benzidine
Concen: 30.194 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:184 Resp: 999000

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.3	9.4	14.2

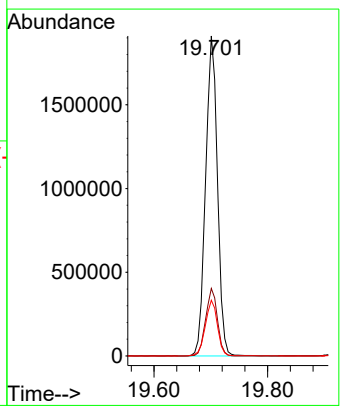


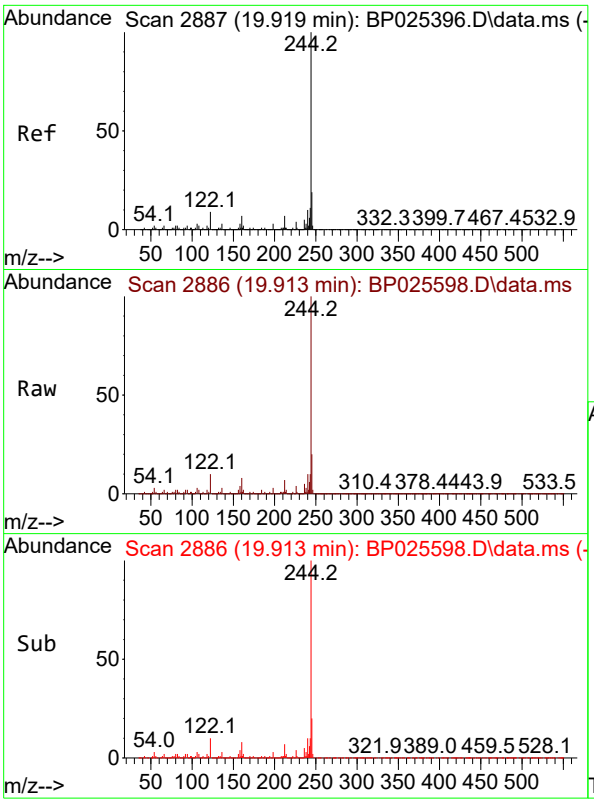


#78
Pyrene
Concen: 43.681 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:202 Resp: 2752492

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	14.2	21.2



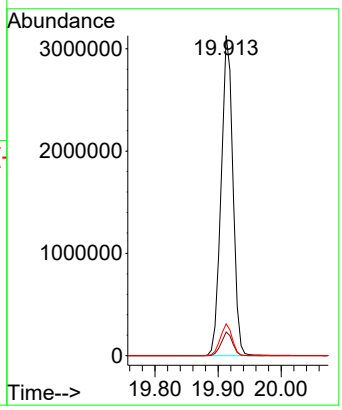


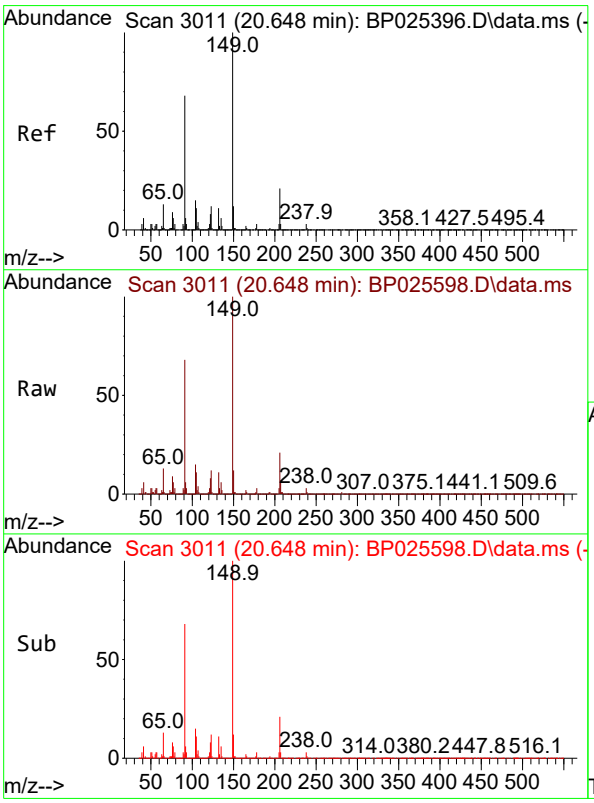
#79
Terphenyl-d14
Concen: 76.615 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:244 Resp: 4059745

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.9	7.4	11.2

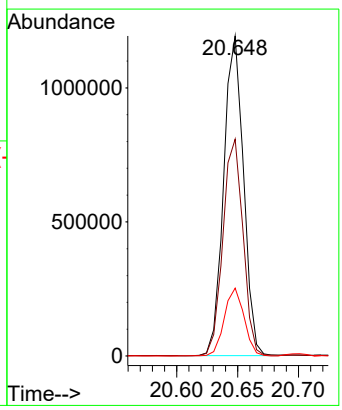


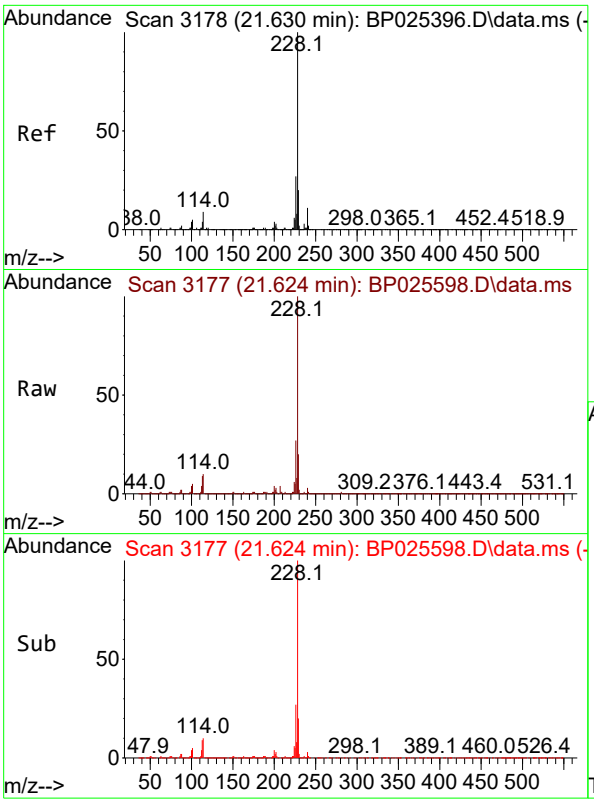


#80
Butylbenzylphthalate
Concen: 47.241 ng
RT: 20.648 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:149 Resp: 1349125

Ion	Ratio	Lower	Upper
149	100		
91	67.8	54.2	81.2
206	21.2	16.6	24.8



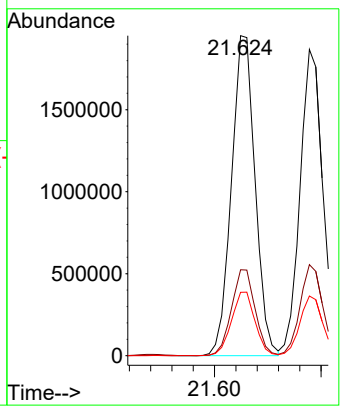


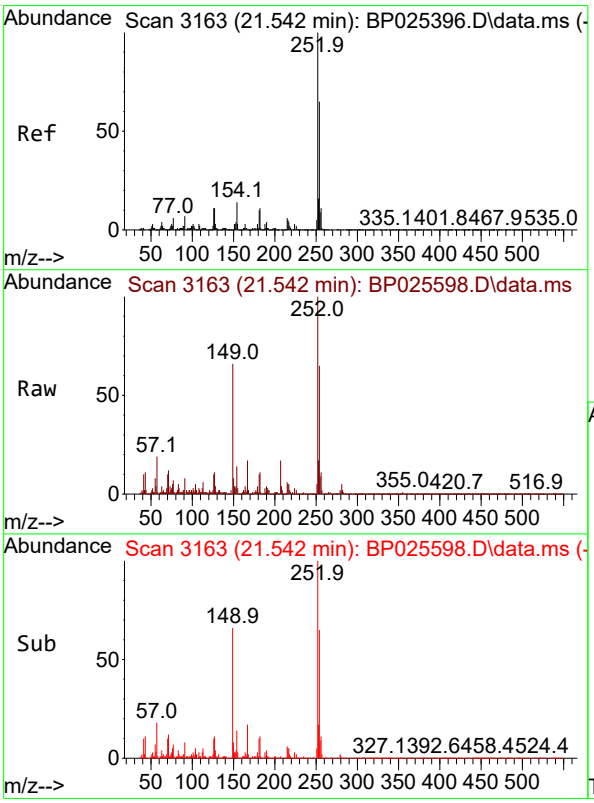
#81
Benzo(a)anthracene
Concen: 47.067 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:228 Resp: 3009321

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.8	15.6	23.4

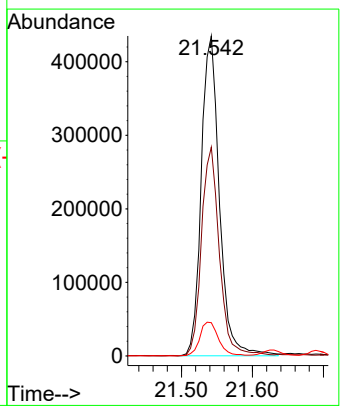


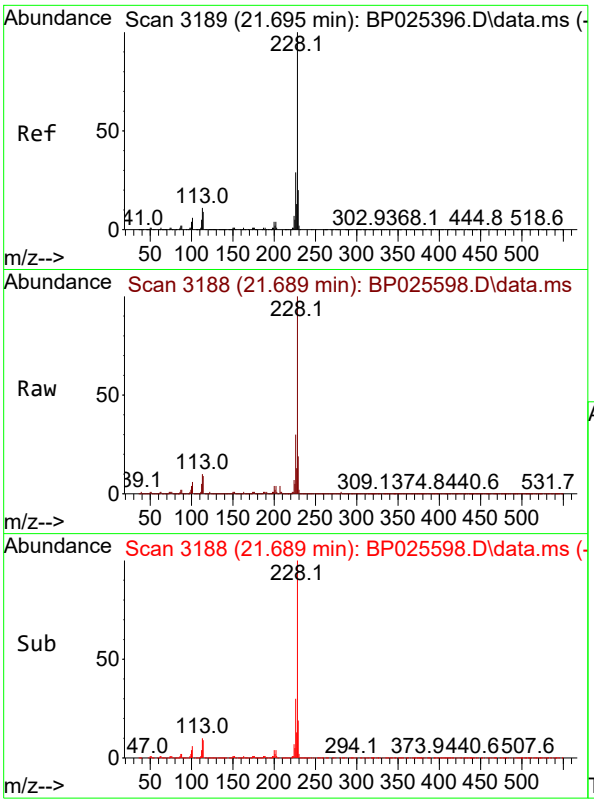


#82
3,3'-Dichlorobenzidine
Concen: 32.063 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:252 Resp: 772708

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.8	77.6
126	10.4	9.1	13.7



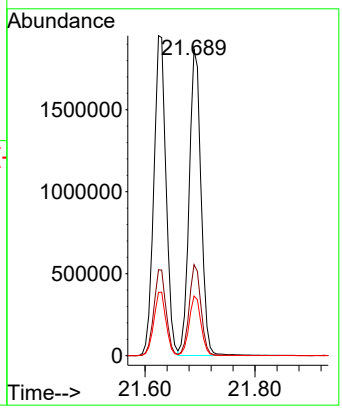


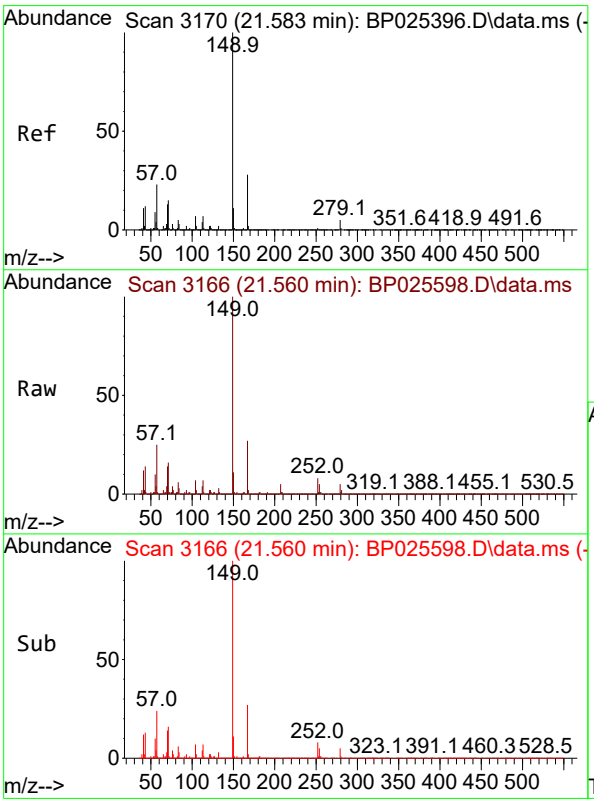
#83
Chrysene
Concen: 46.581 ng
RT: 21.689 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:228 Resp: 2789151

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.5	15.6	23.4

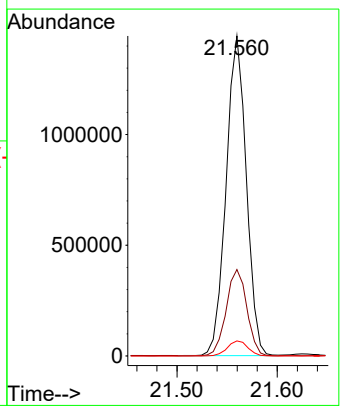


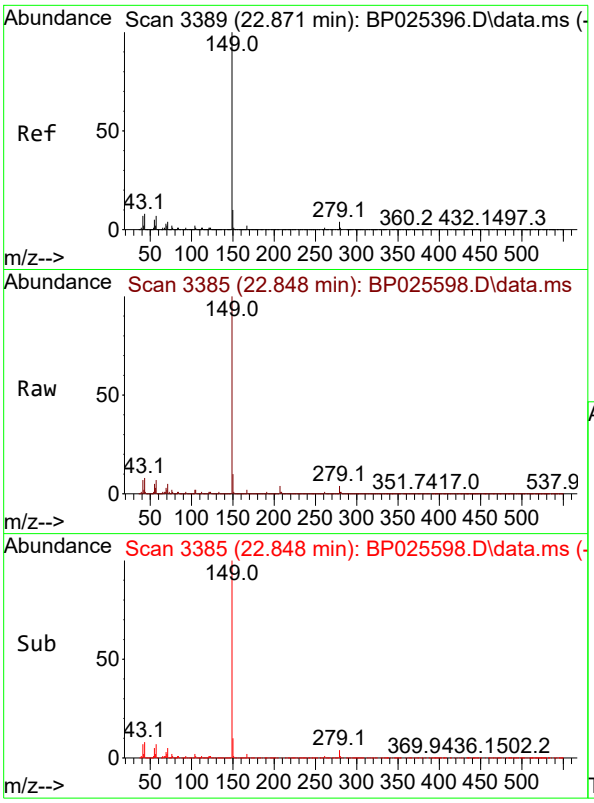


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.980 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.023 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:149 Resp: 2017022

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.7	3.8	5.6



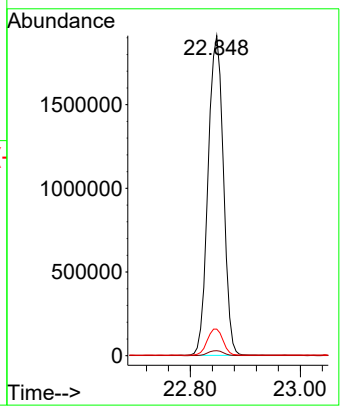


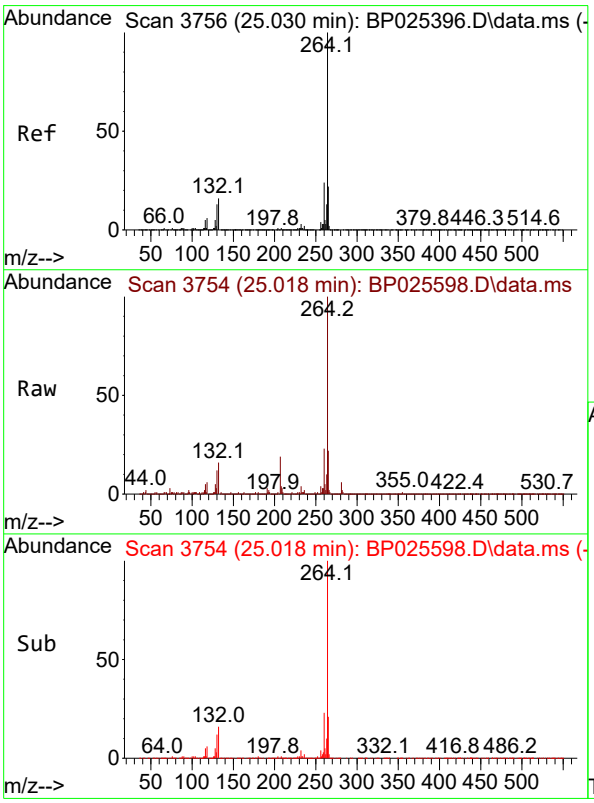
#85
Di-n-octyl phthalate
Concen: 51.027 ng
RT: 22.848 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:149 Resp: 3689681

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.3	9.5

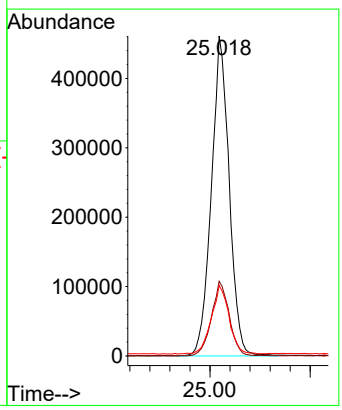


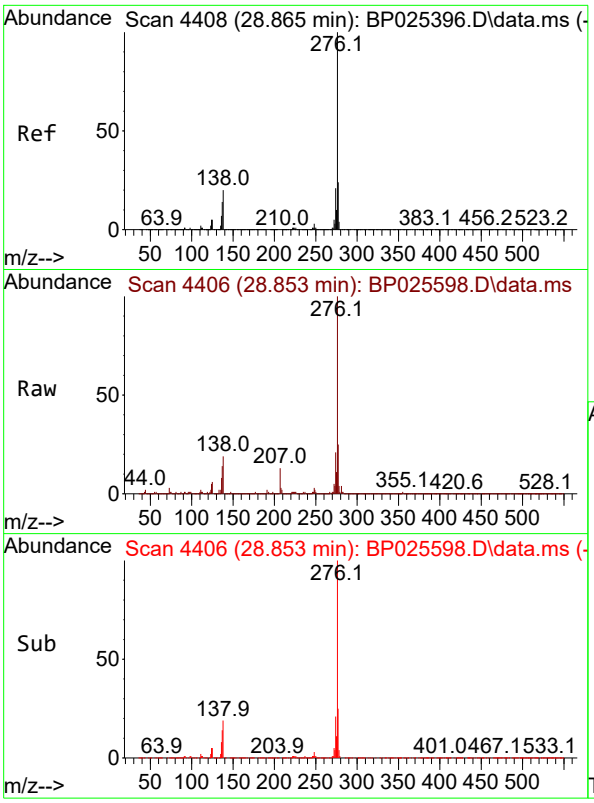


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:264 Resp: 1139124

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	22.0	17.4	26.0



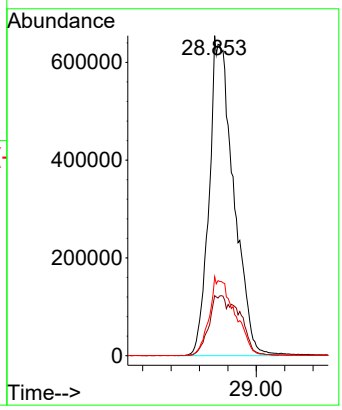


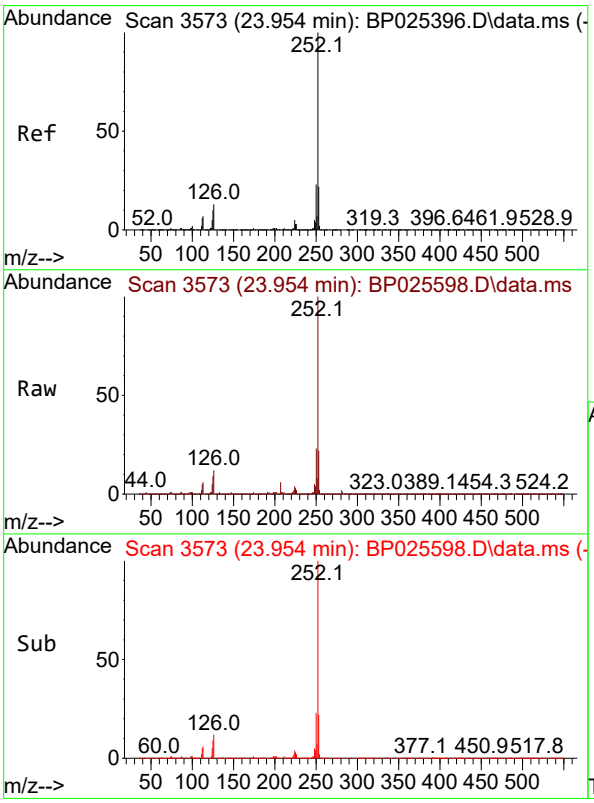
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.594 ng
RT: 28.853 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:276 Resp: 3892421

Ion	Ratio	Lower	Upper
276	100		
138	7.7	12.9	19.3#
277	10.9	17.0	25.6#

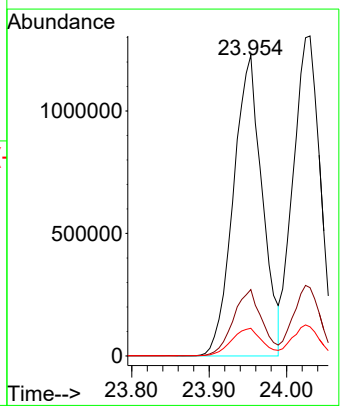


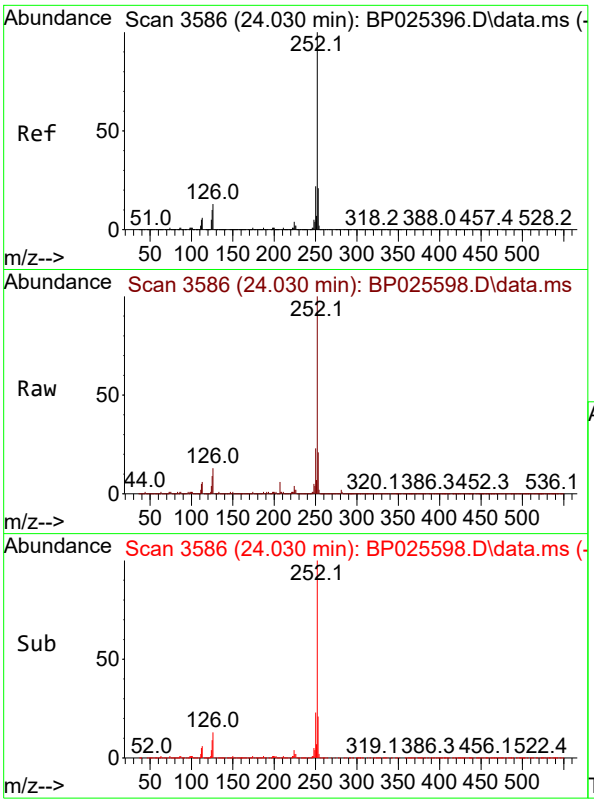


#88
Benzo(b)fluoranthene
Concen: 47.324 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:252 Resp: 3178801

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.2	7.9	11.9



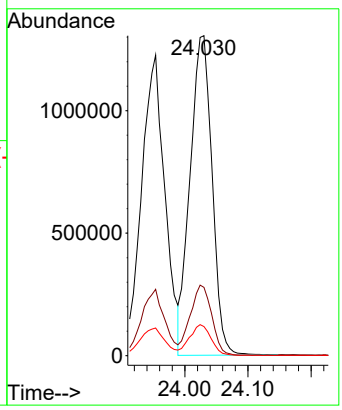


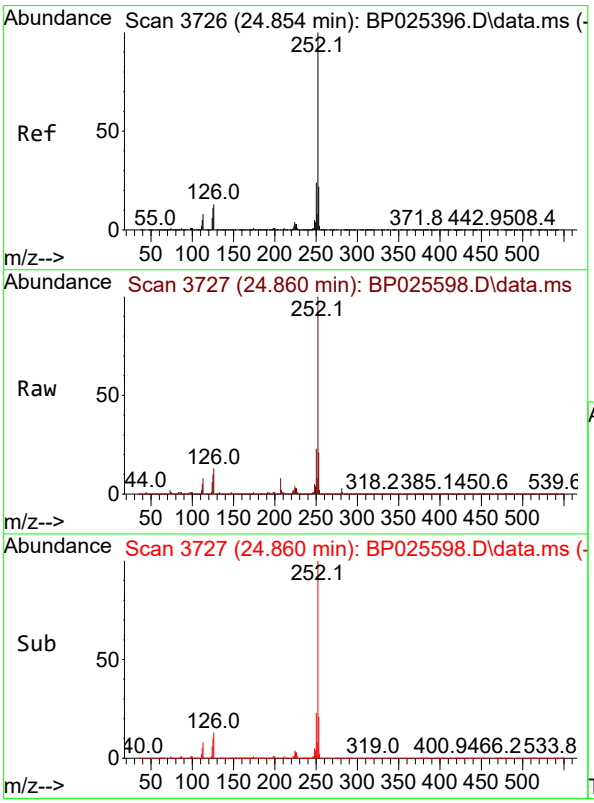
#89
Benzo(k)fluoranthene
Concen: 46.951 ng
RT: 24.030 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:252 Resp: 3155896

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.1	7.8	11.6

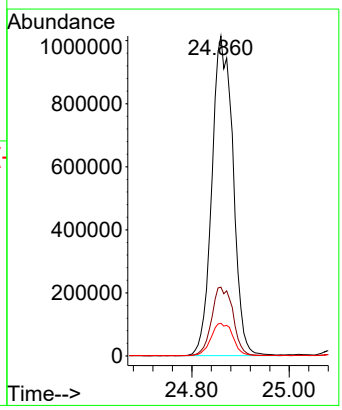


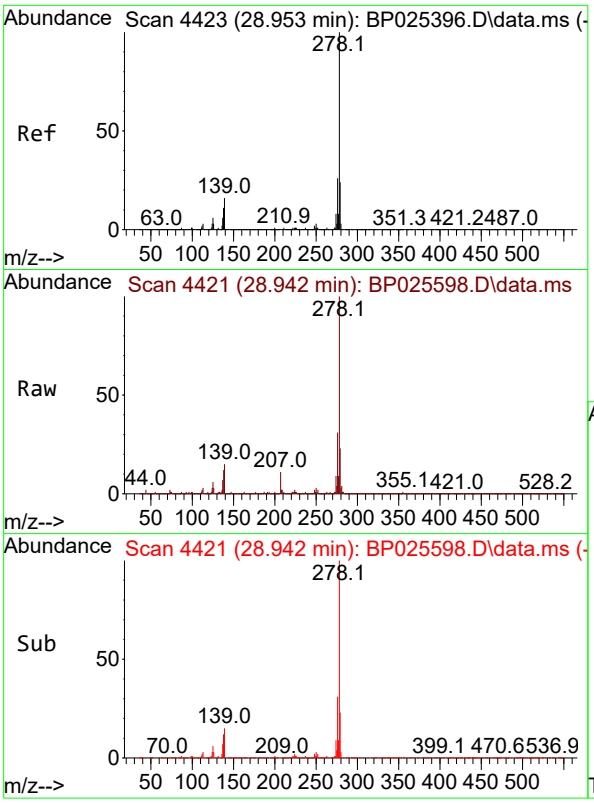


#90
Benzo(a)pyrene
Concen: 46.640 ng
RT: 24.860 min Scan# 3727
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:252 Resp: 3049595

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.2	8.7	13.1



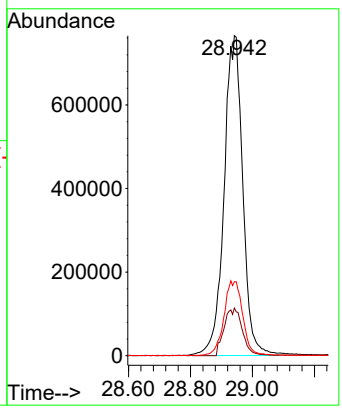


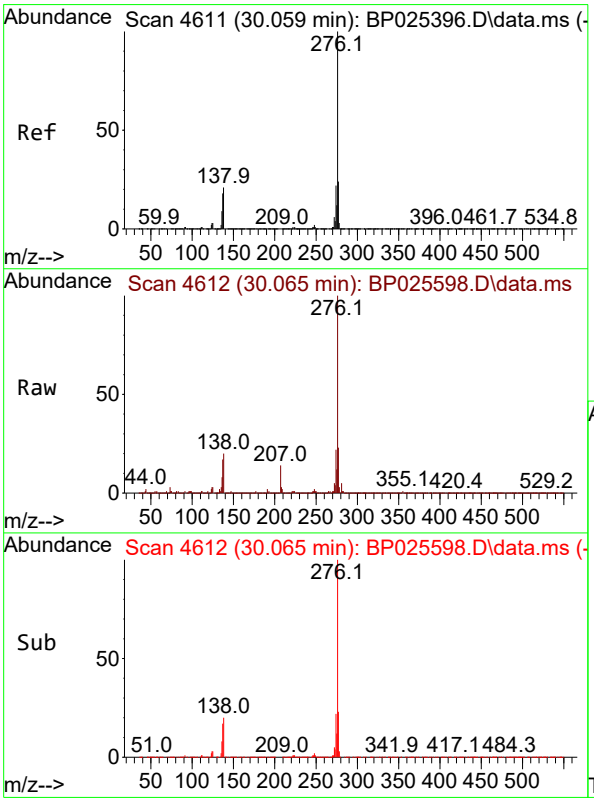
#91
Dibenzo(a,h)anthracene
Concen: 46.999 ng
RT: 28.942 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Instrument :
BNA_P
ClientSampleId :
PB169370BS

Tgt Ion:278 Resp: 3208547

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.0	19.4
279	23.1	19.4	29.2

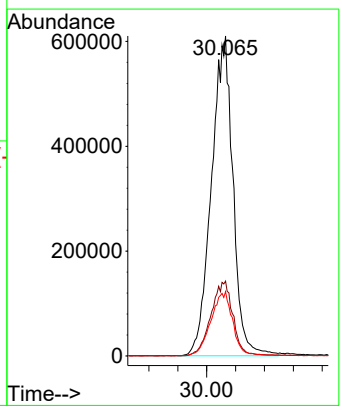




#92
Benzo(g,h,i)perylene
Concen: 46.983 ng
RT: 30.065 min Scan# 4612
Delta R.T. 0.006 min
Lab File: BP025598.D
Acq: 27 Aug 2025 11:01

Tgt Ion:276 Resp: 3152886

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	20.1	16.7	25.1



Raw Data: **BP025565.D**

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

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	29-SEPTICMS	SDG No.:	Q2928
Lab Sample ID:	Q2933-04MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025565.D	1	08/25/25 08:55	08/25/25 15:02	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	610		110	230	ug/Kg
108-95-2	Phenol	1100		15.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		16.9	120	ug/Kg
95-57-8	2-Chlorophenol	1100		17.0	120	ug/Kg
95-48-7	2-Methylphenol	1100		20.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		26.1	120	ug/Kg
98-86-2	Acetophenone	1000		20.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		28.6	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	980		32.9	55.6	ug/Kg
67-72-1	Hexachloroethane	1000		12.2	120	ug/Kg
98-95-3	Nitrobenzene	1000		12.7	120	ug/Kg
78-59-1	Isophorone	990		22.8	120	ug/Kg
88-75-5	2-Nitrophenol	1100		40.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		45.0	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		21.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		19.7	120	ug/Kg
91-20-3	Naphthalene	1000		15.8	120	ug/Kg
106-47-8	4-Chloroaniline	350		24.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	990		17.6	120	ug/Kg
105-60-2	Caprolactam	1000		36.2	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		19.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	990		17.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	80.6	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		13.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		20.2	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		15.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.6	120	ug/Kg
88-74-4	2-Nitroaniline	1100		33.4	120	ug/Kg
131-11-3	Dimethylphthalate	1000		18.8	120	ug/Kg

Raw Data: **BP025565.D**

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

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	29-SEPTICMS	SDG No.:	Q2928
Lab Sample ID:	Q2933-04MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025565.D	1	08/25/25 08:55	08/25/25 15:02	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1000		20.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		23.4	120	ug/Kg
99-09-2	3-Nitroaniline	600		32.0	120	ug/Kg
83-32-9	Acenaphthene	1000		14.8	120	ug/Kg
51-28-5	2,4-Dinitrophenol	2600	E	160	230	ug/Kg
100-02-7	4-Nitrophenol	2300	E	74.4	230	ug/Kg
132-64-9	Dibenzofuran	1000		15.8	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		34.8	120	ug/Kg
84-66-2	Diethylphthalate	1100		19.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		18.6	120	ug/Kg
86-73-7	Fluorene	1000		17.6	120	ug/Kg
100-01-6	4-Nitroaniline	1100		44.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		71.6	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		22.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		19.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		17.6	120	ug/Kg
1912-24-9	Atrazine	1100		23.6	120	ug/Kg
87-86-5	Pentachlorophenol	2200	E	35.7	230	ug/Kg
85-01-8	Phenanthrene	1000		14.5	120	ug/Kg
120-12-7	Anthracene	1000		23.1	120	ug/Kg
86-74-8	Carbazole	1100		21.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		33.3	120	ug/Kg
206-44-0	Fluoranthene	1000		20.8	120	ug/Kg
129-00-0	Pyrene	1100		25.0	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		49.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580		25.5	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		16.0	120	ug/Kg
218-01-9	Chrysene	1100		13.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		41.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		60.3	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		13.2	120	ug/Kg

Raw Data: **BP025565.D**

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

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	29-SEPTICMS	SDG No.:	Q2928
Lab Sample ID:	Q2933-04MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025565.D	1	08/25/25 08:55	08/25/25 15:02	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		15.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		20.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		20.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		19.0	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		17.8	120	ug/Kg
123-91-1	1,4-Dioxane	900		31.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		19.0	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	83.4		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	86.5		15 - 107	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.8		18 - 107	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	39.7		20 - 109	40%	SPK: 100
118-79-6	2,4,6-Tribromophenol	81.2		10 - 116	54%	SPK: 150
1718-51-0	Terphenyl-d14	48.4		10 - 105	48%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	206000	7.772			
1146-65-2	Naphthalene-d8	836000	10.549			
15067-26-2	Acenaphthene-d10	527000	14.401			
1517-22-2	Phenanthrene-d10	1060000	17.201			
1719-03-5	Chrysene-d12	1060000	21.63			
1520-96-3	Perylene-d12	1200000	25.001			

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\BP082525\
Data File : BP025565.D
Acq On : 25 Aug 2025 15:02
Operator : CG/JU
Sample : Q2933-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Quant Time: Aug 25 15:29:17 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	7.772	152	205907	20.000	ng		-0.02
21) Naphthalene-d8	10.549	136	835934	20.000	ng		-0.01
39) Acenaphthene-d10	14.401	164	527211	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	1060871	20.000	ng		0.00
76) Chrysene-d12	21.630	240	1061845	20.000	ng		-0.02
86) Perylene-d12	25.001	264	1196731	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	1034462	83.432	ng		0.00
7) Phenol-d6	6.966	99	1375575	86.534	ng		0.00
23) Nitrobenzene-d5	8.919	82	772777	46.764	ng		-0.02
42) 2,4,6-Tribromophenol	15.913	330	576291	81.210	ng		0.00
45) 2-Fluorobiphenyl	13.007	172	1532999	39.740	ng		-0.01
79) Terphenyl-d14	19.913	244	2806127	48.350	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	188935	38.903	ng		97
3) Pyridine	3.720	79	526166	39.582	ng		97
4) n-Nitrosodimethylamine	3.625	42	254070	46.361	ng		97
6) Aniline	7.113	93	513008	23.952	ng		100
8) 2-Chlorophenol	7.355	128	648147	46.324	ng		99
9) Benzaldehyde	6.925	77	293574	26.360	ng		97
10) Phenol	6.990	94	796646	47.760	ng		99
11) bis(2-Chloroethyl)ether	7.202	93	579482	44.572	ng		98
12) 1,3-Dichlorobenzene	7.672	146	673512	43.655	ng		99
13) 1,4-Dichlorobenzene	7.808	146	687132	43.575	ng		99
14) 1,2-Dichlorobenzene	8.125	146	659170	43.183	ng		99
15) Benzyl Alcohol	8.013	79	560397	44.368	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	793746	45.575	ng		97
17) 2-Methylphenol	8.219	107	537573	46.403	ng		99
18) Hexachloroethane	8.849	117	253201	43.671	ng		94
19) n-Nitroso-di-n-propyla...	8.572	70	443870	42.155	ng		98
20) 3+4-Methylphenols	8.543	107	725648	45.188	ng		96
22) Acetophenone	8.590	105	926700	44.205	ng	#	99
24) Nitrobenzene	8.966	77	658216	44.568	ng		99
25) Isophorone	9.484	82	1247538	42.658	ng		99
26) 2-Nitrophenol	9.666	139	353062	46.582	ng		99
27) 2,4-Dimethylphenol	9.731	122	595850	45.713	ng		99
28) bis(2-Chloroethoxy)met...	9.960	93	775259	43.854	ng		100
29) 2,4-Dichlorophenol	10.202	162	596081	46.036	ng		98
30) 1,2,4-Trichlorobenzene	10.419	180	614695	43.306	ng		98
31) Naphthalene	10.596	128	1895026	43.616	ng		99
32) Benzoic acid	9.896	122	478429	49.717	ng		98
33) 4-Chloroaniline	10.707	127	288080	15.010	ng		99
34) Hexachlorobutadiene	10.884	225	376319	42.571	ng		98
35) Caprolactam	11.501	113	213531	44.974	ng		93
36) 4-Chloro-3-methylphenol	11.831	107	672836	45.285	ng		97
37) 2-Methylnaphthalene	12.207	142	1209364	42.772	ng		99
38) 1-Methylnaphthalene	12.425	142	1249987	41.571	ng		99
40) 1,2,4,5-Tetrachloroben...	12.578	216	679643	44.636	ng		99
41) Hexachlorocyclopentadiene	12.560	237	772893	84.034	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	490481	47.714	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025565.D
Acq On : 25 Aug 2025 15:02
Operator : CG/JU
Sample : Q2933-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Quant Time: Aug 25 15:29:17 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

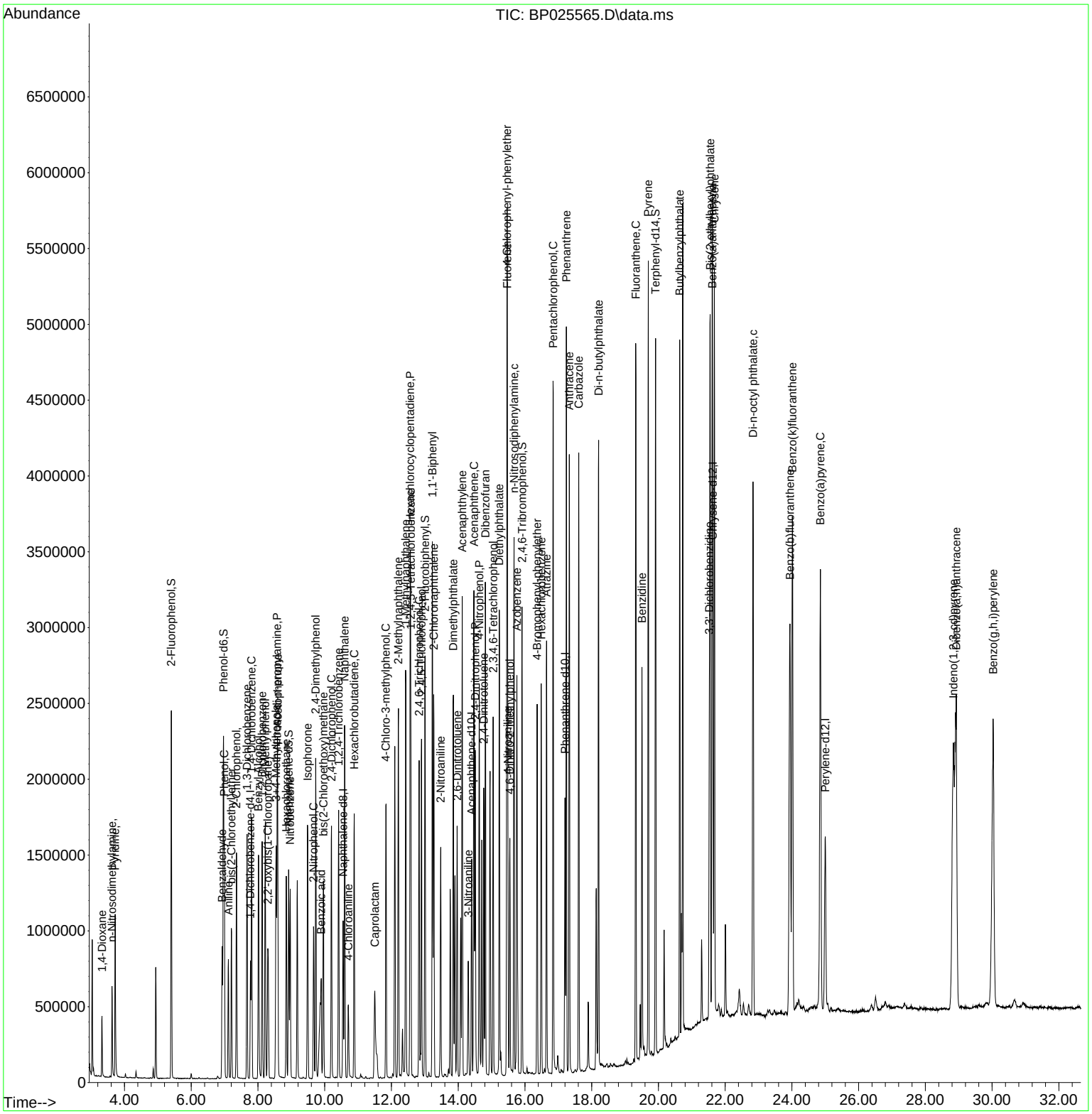
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	538774	47.823	ng	99
46) 1,1'-Biphenyl	13.225	154	1721615	44.964	ng	98
47) 2-Chloronaphthalene	13.266	162	1332234	44.694	ng	98
48) 2-Nitroaniline	13.478	65	428155	49.297	ng	99
49) Acenaphthylene	14.119	152	2224704	45.104	ng	99
50) Dimethylphthalate	13.854	163	1747556	45.265	ng	99
51) 2,6-Dinitrotoluene	13.972	165	390881	48.036	ng	100
52) Acenaphthene	14.472	154	1283298	44.325	ng	99
53) 3-Nitroaniline	14.301	138	238389	26.039	ng	96
54) 2,4-Dinitrophenol	14.513	184	496861	114.339	ng	98
55) Dibenzofuran	14.813	168	2033583	44.427	ng	99
56) 4-Nitrophenol	14.631	139	745371	99.077	ng	99
57) 2,4-Dinitrotoluene	14.766	165	563187	48.509	ng	98
58) Fluorene	15.466	166	1601851	44.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.048	232	474681	47.717	ng	100
60) Diethylphthalate	15.231	149	1822222	46.451	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	797341	44.388	ng	98
62) 4-Nitroaniline	15.490	138	429354	45.746	ng	98
63) Azobenzene	15.760	77	1769039	52.665	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	329416	49.814	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1470562	45.457	ng	98
67) 4-Bromophenyl-phenylether	16.366	248	530330	45.453	ng	98
68) Hexachlorobenzene	16.489	284	610029	45.103	ng	98
69) Atrazine	16.648	200	556233	45.912	ng	99
70) Pentachlorophenol	16.848	266	818363	95.852	ng	98
71) Phenanthrene	17.242	178	2591309	44.465	ng	100
72) Anthracene	17.331	178	2685607	45.127	ng	100
73) Carbazole	17.613	167	2589392	46.193	ng	99
74) Di-n-butylphthalate	18.207	149	3275337	47.491	ng	100
75) Fluoranthene	19.319	202	3103657	44.648	ng	99
77) Benzidine	19.507	184	1583483	43.696	ng	99
78) Pyrene	19.695	202	3179817	46.073	ng	100
80) Butylbenzylphthalate	20.636	149	1519100	48.566	ng	97
81) Benzo(a)anthracene	21.613	228	3194973	45.624	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	664050	25.158	ng	98
83) Chrysene	21.677	228	2973777	45.344	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	2203948	47.866	ng	100
85) Di-n-octyl phthalate	22.836	149	3787383	47.821	ng	98
87) Indeno(1,2,3-cd)pyrene	28.842	276	4025080	45.863	ng	92
88) Benzo(b)fluoranthene	23.942	252	3237700	45.881	ng	99
89) Benzo(k)fluoranthene	24.013	252	3202545	45.352	ng	99
90) Benzo(a)pyrene	24.854	252	3120605	45.429	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	3307356	46.114	ng	99
92) Benzo(g,h,i)perylene	30.030	276	3241073	45.972	ng	99

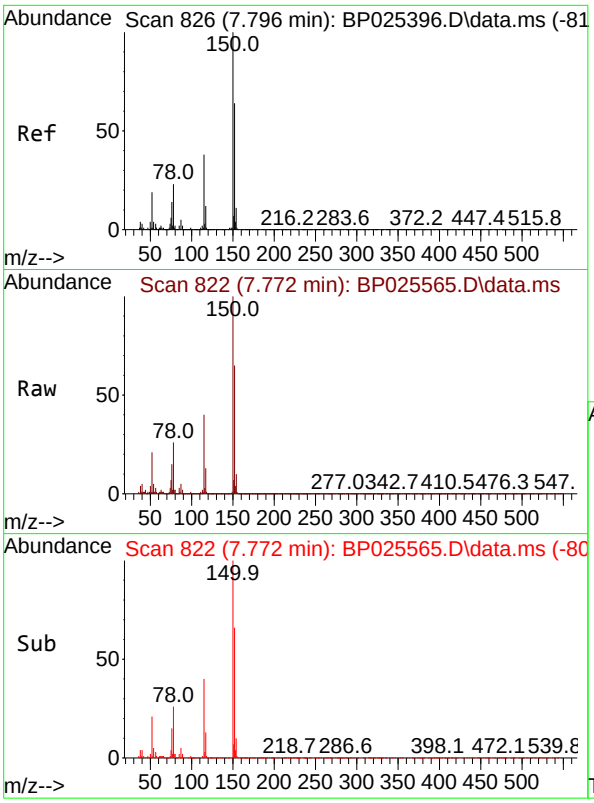
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025565.D
Acq On : 25 Aug 2025 15:02
Operator : CG/JU
Sample : Q2933-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Quant Time: Aug 25 15:29:17 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



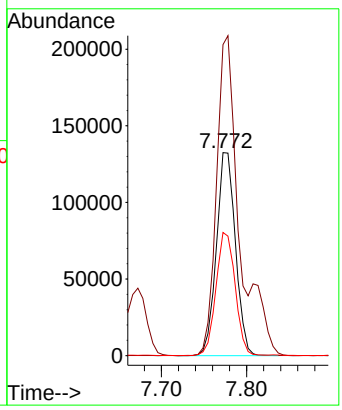


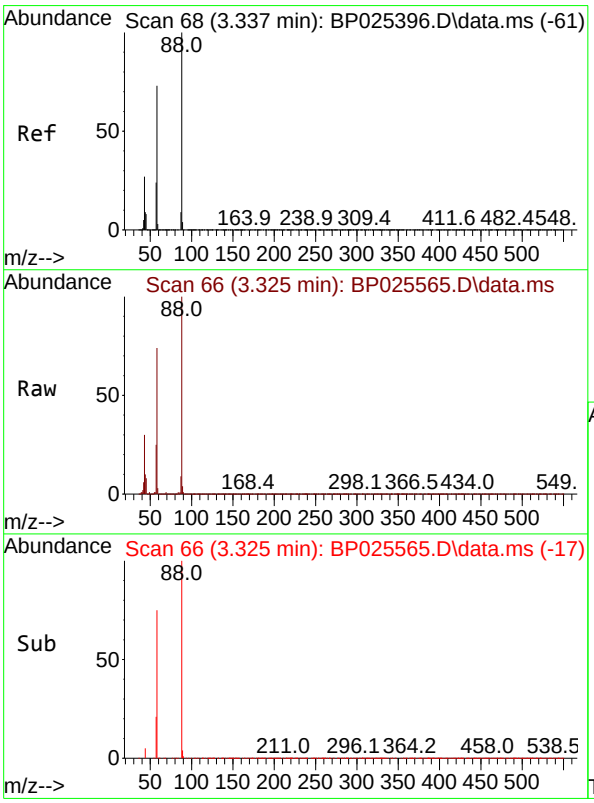
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:152 Resp: 205907

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.9	188.9
115	60.7	48.5	72.7

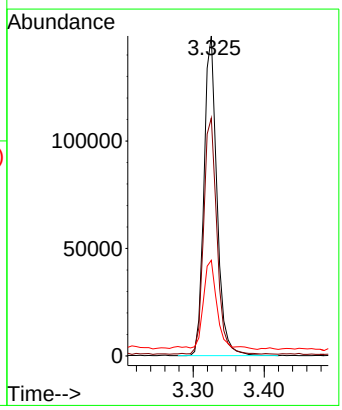


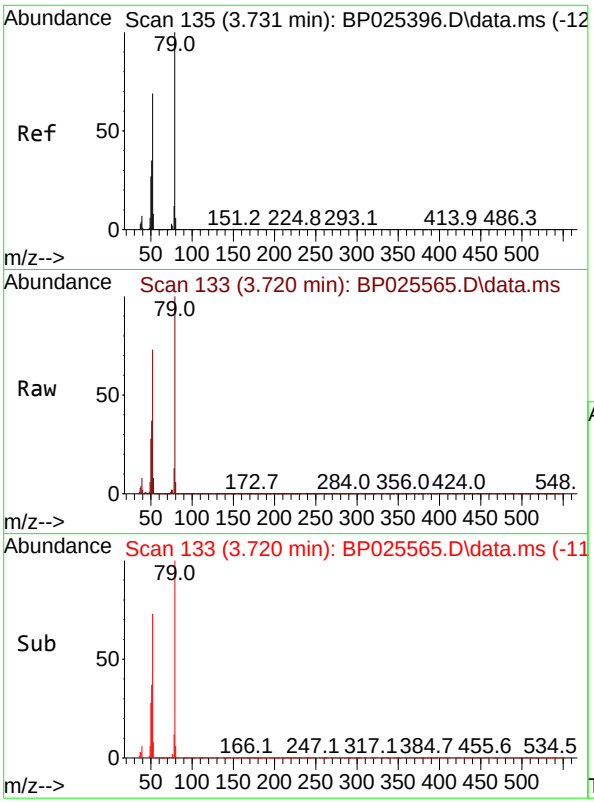


#2
1,4-Dioxane
Concen: 38.903 ng
RT: 3.325 min Scan# 66
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion: 88 Resp: 188935

Ion	Ratio	Lower	Upper
88	100		
58	75.8	59.2	88.8
43	29.4	21.7	32.5



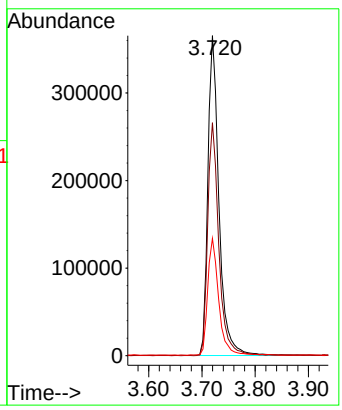


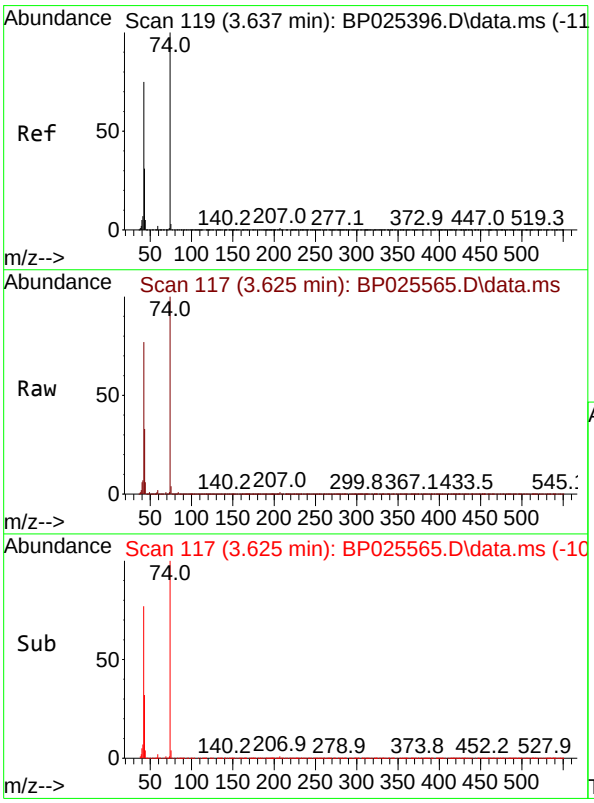
#3
Pyridine
Concen: 39.582 ng
RT: 3.720 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion: 79 Resp: 526166

Ion	Ratio	Lower	Upper
79	100		
52	72.8	55.5	83.3
51	36.6	28.3	42.5

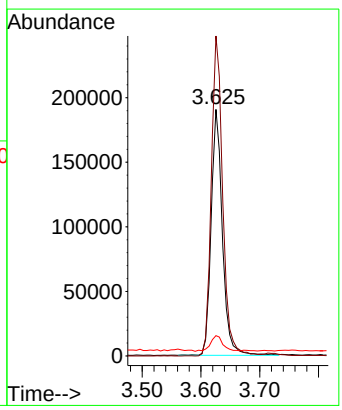


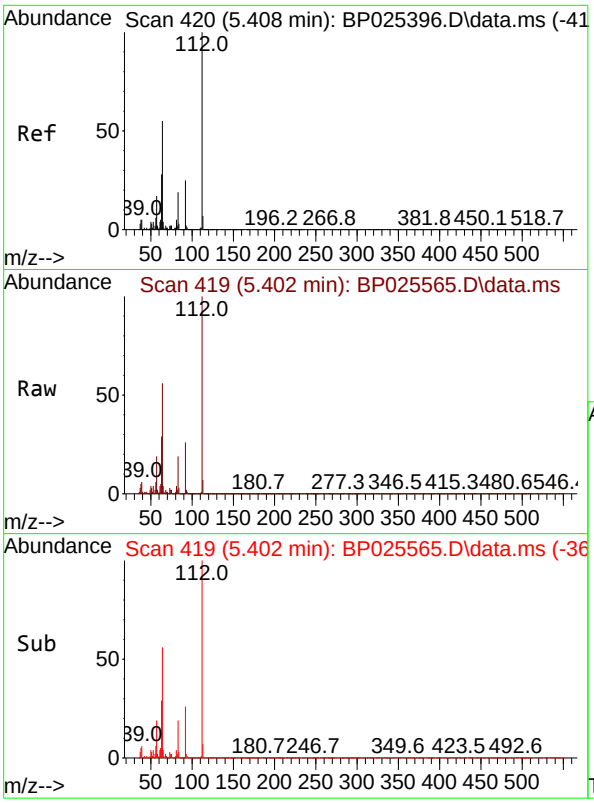


#4
n-Nitrosodimethylamine
Concen: 46.361 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion: 42 Resp: 254070

Ion	Ratio	Lower	Upper
42	100		
74	129.8	107.0	160.4
44	8.2	6.2	9.4



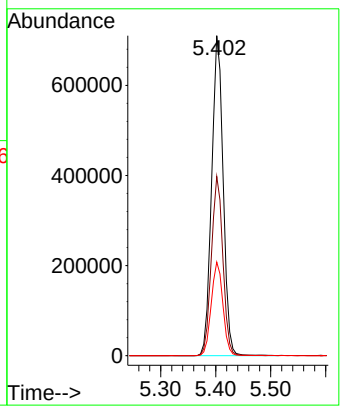


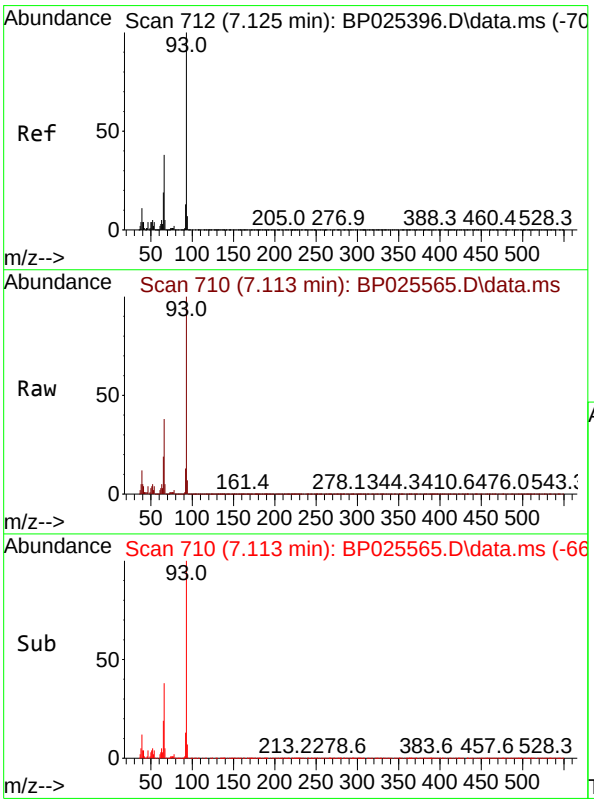
#5
2-Fluorophenol
Concen: 83.432 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:112 Resp: 1034462

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.8	65.8
63	29.3	22.7	34.1

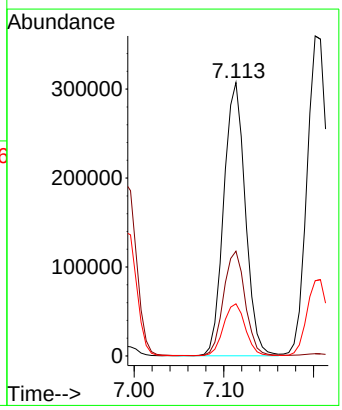


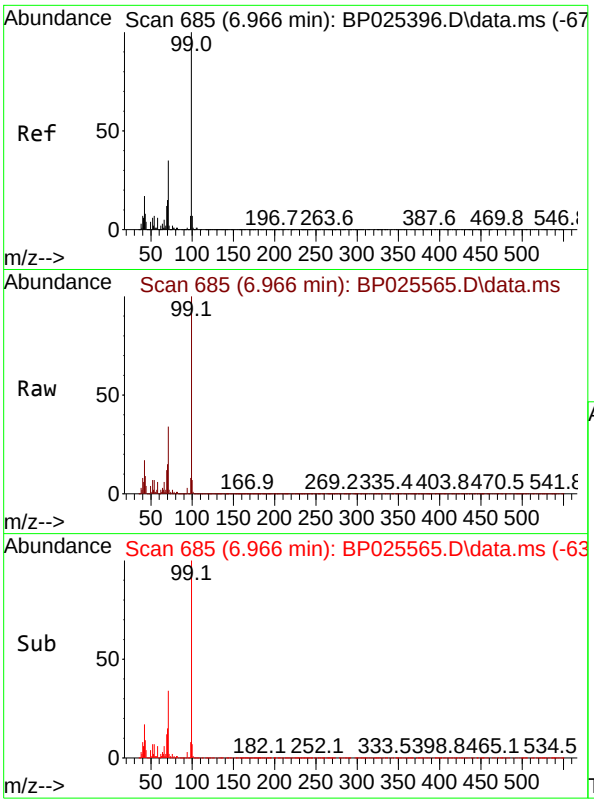


#6
Aniline
Concen: 23.952 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion: 93 Resp: 513008

Ion	Ratio	Lower	Upper
93	100		
66	38.3	30.4	45.6
65	19.1	15.3	22.9



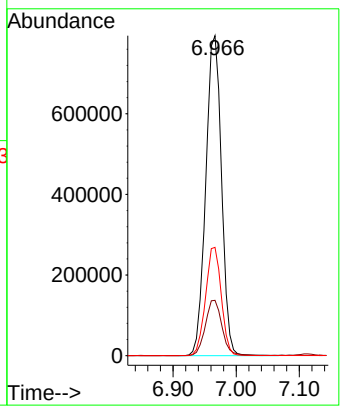


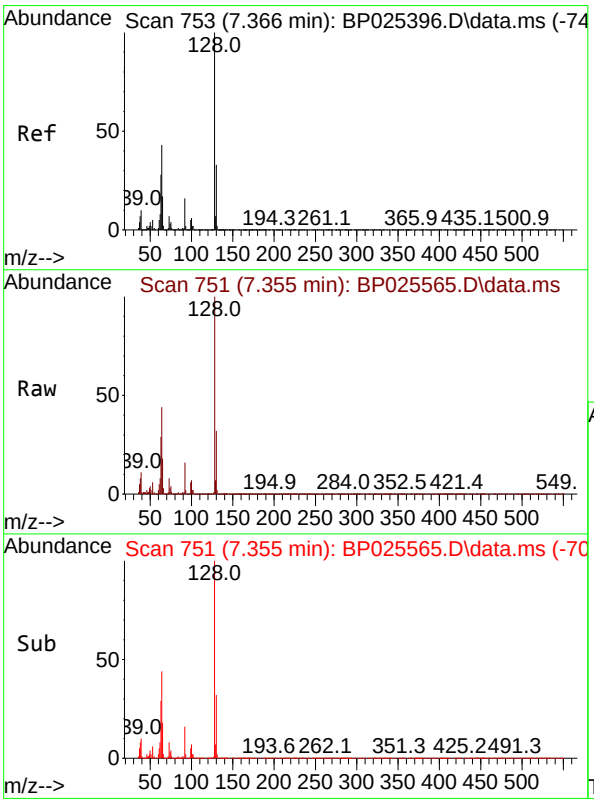
#7
Phenol-d6
Concen: 86.534 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion: 99 Resp: 1375575

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	33.9	28.2	42.4

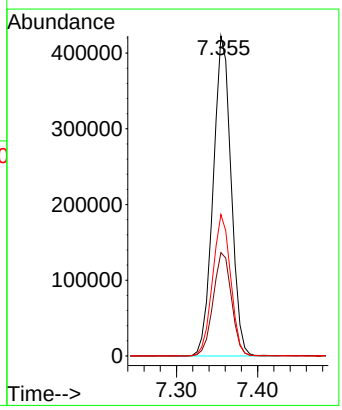


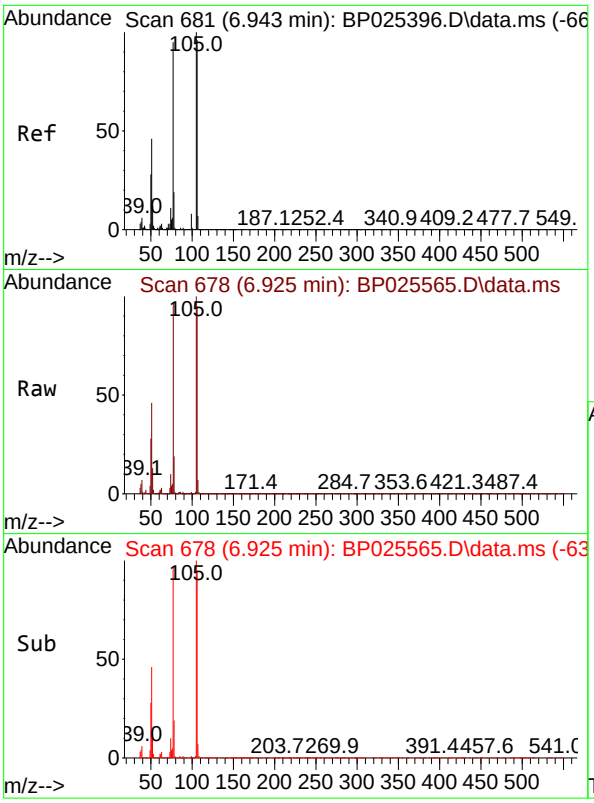


#8
2-Chlorophenol
Concen: 46.324 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:128 Resp: 648147

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	44.2	23.4	63.4



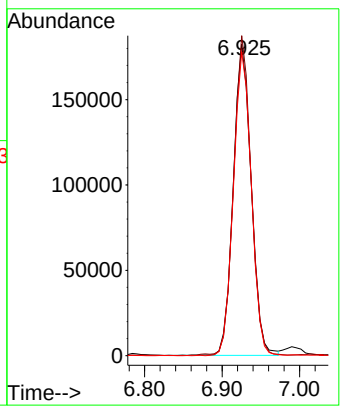


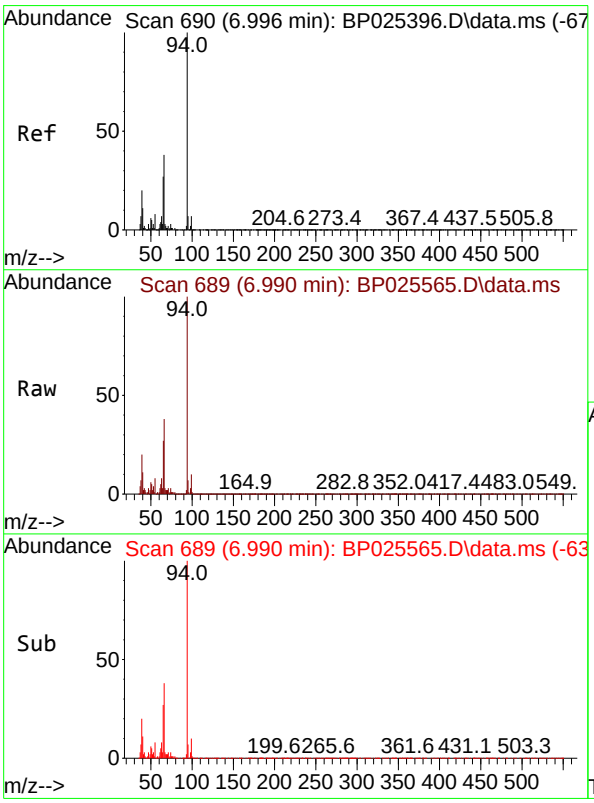
#9
Benzaldehyde
Concen: 26.360 ng
RT: 6.925 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion: 77 Resp: 293574

Ion	Ratio	Lower	Upper
77	100		
105	102.7	84.8	124.8
106	97.4	80.5	120.5

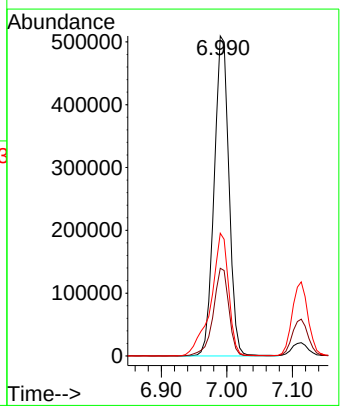


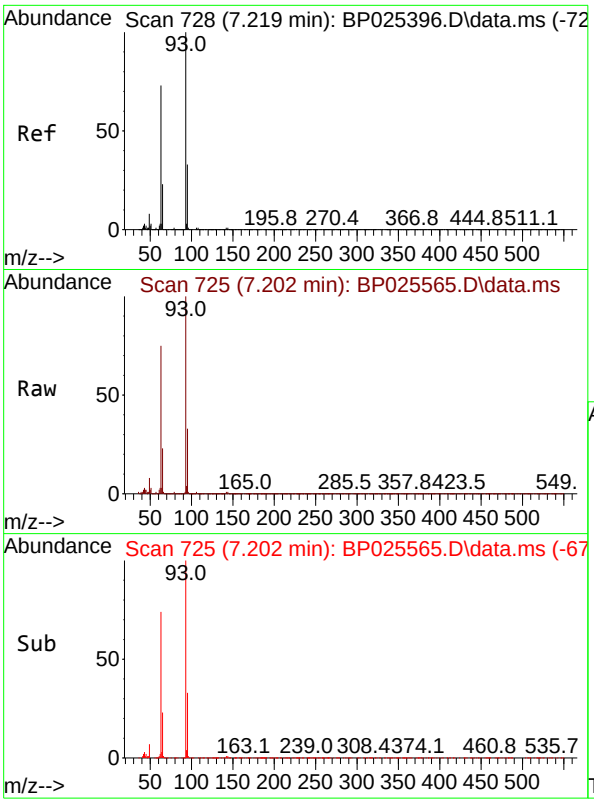


#10
Phenol
Concen: 47.760 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion: 94 Resp: 796646

Ion	Ratio	Lower	Upper
94	100		
65	27.4	6.8	46.8
66	38.3	18.2	58.2



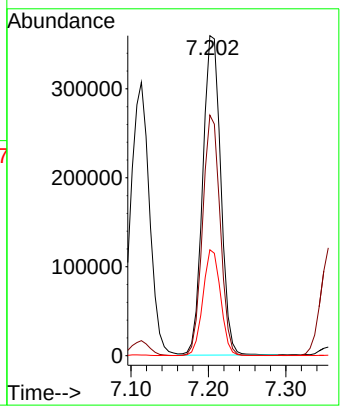


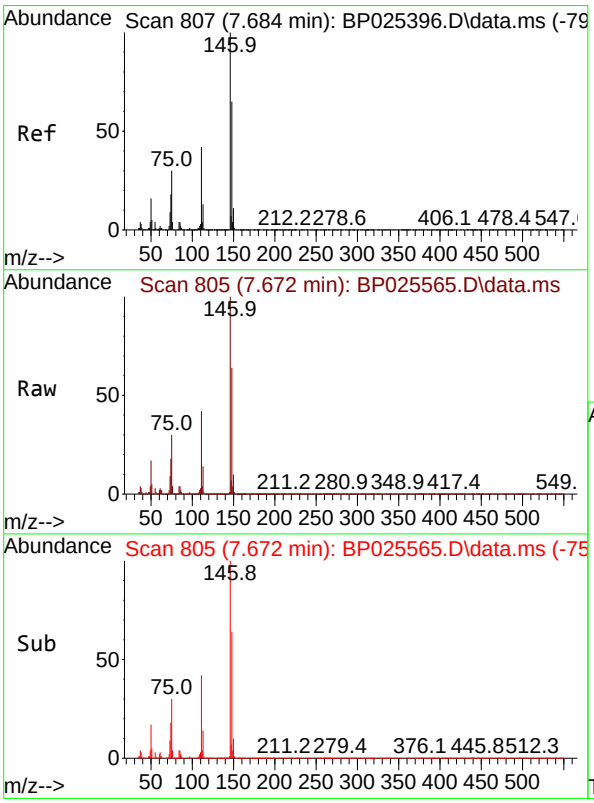
#11
bis(2-Chloroethyl)ether
Concen: 44.572 ng
RT: 7.202 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion: 93 Resp: 579482

Ion	Ratio	Lower	Upper
93	100		
63	75.2	52.6	92.6
95	33.1	12.7	52.7

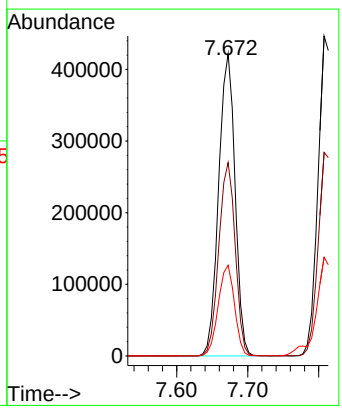


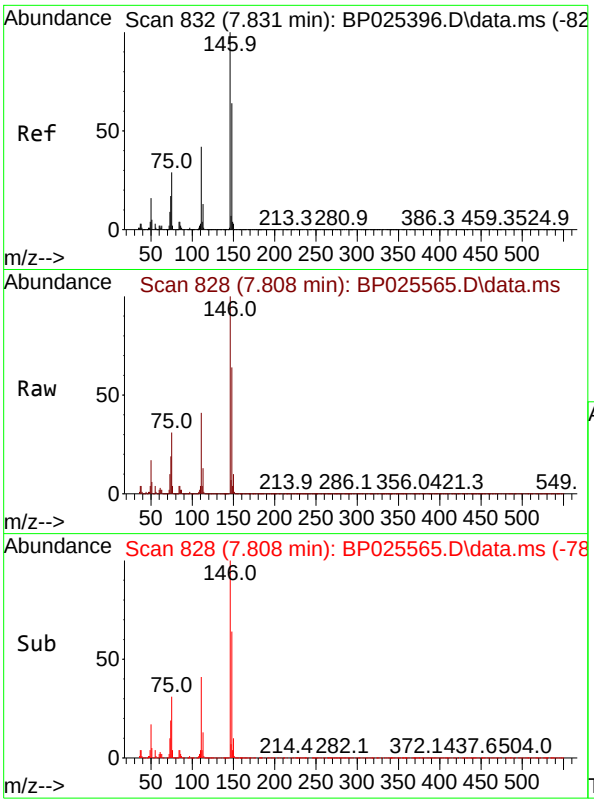


#12
1,3-Dichlorobenzene
Concen: 43.655 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:146 Resp: 673512

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
75	30.0	23.7	35.5



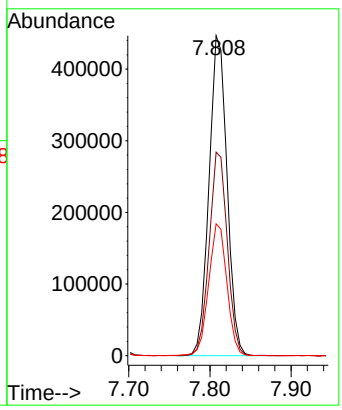


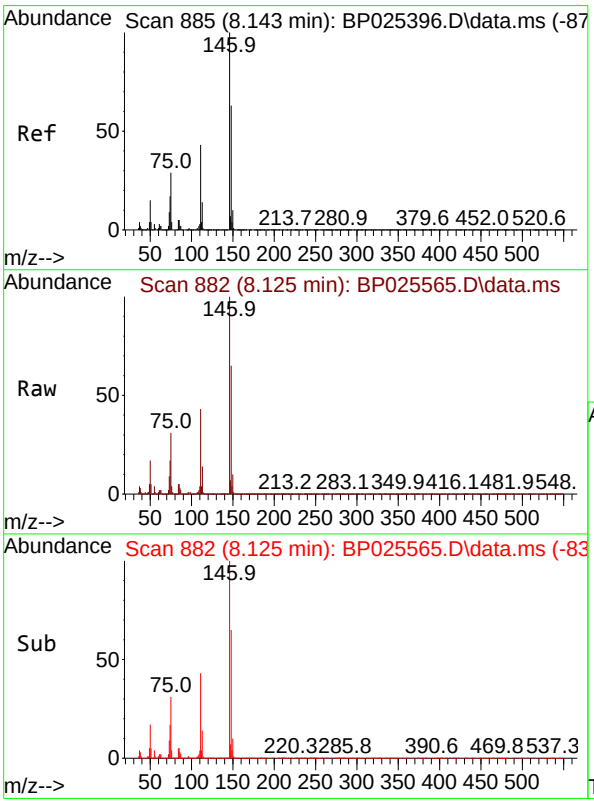
#13
1,4-Dichlorobenzene
Concen: 43.575 ng
RT: 7.808 min Scan# 8
Delta R.T. -0.023 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:146 Resp: 687132

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	41.2	33.4	50.0

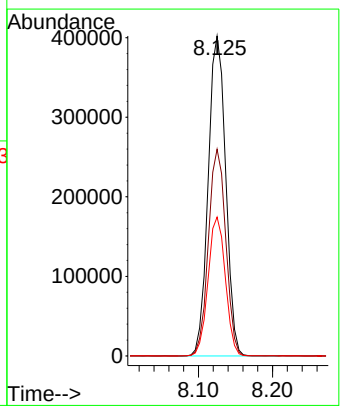


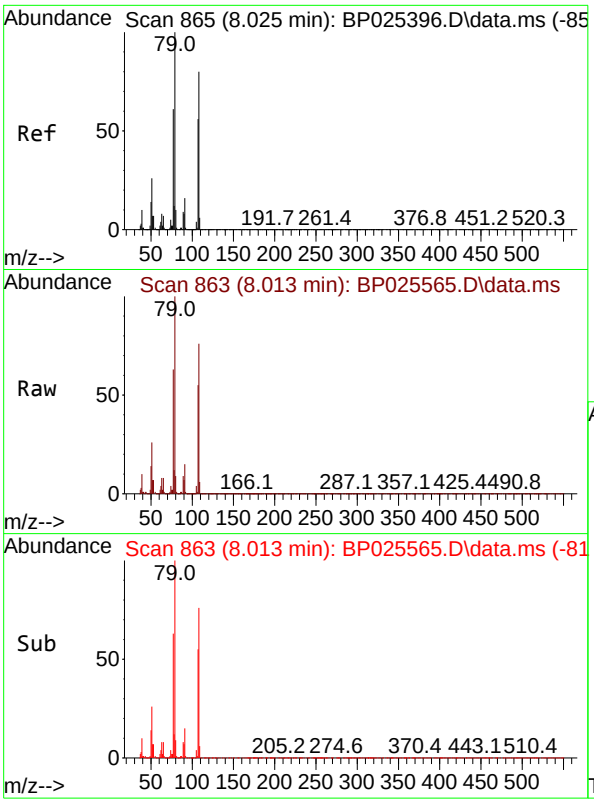


#14
1,2-Dichlorobenzene
Concen: 43.183 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:146 Resp: 659170

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	43.4	34.5	51.7



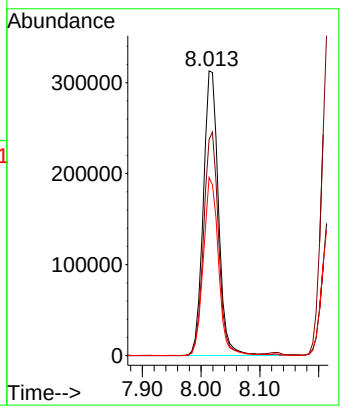


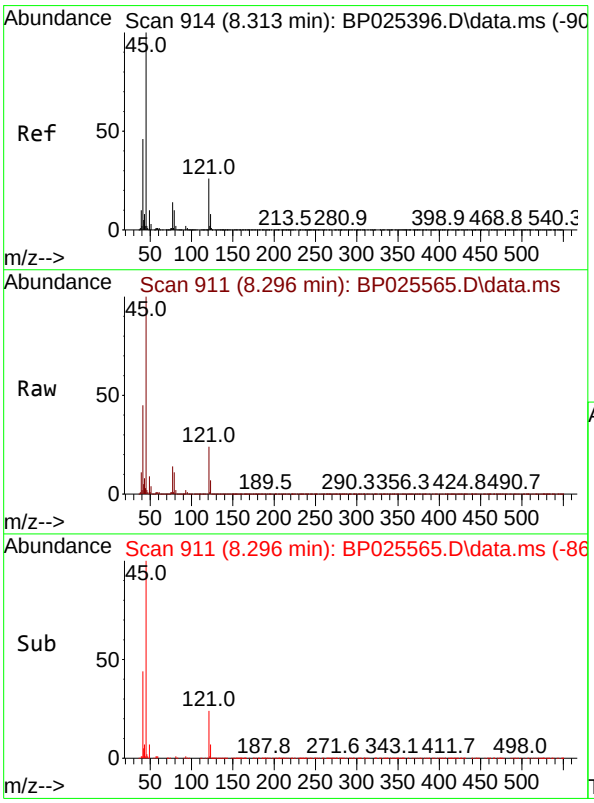
#15
Benzyl Alcohol
Concen: 44.368 ng
RT: 8.013 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion: 79 Resp: 560397

Ion	Ratio	Lower	Upper
79	100		
108	75.8	63.8	95.6
77	62.5	49.0	73.4

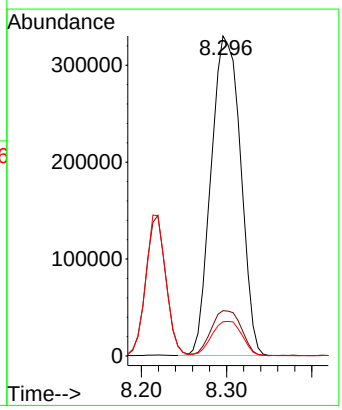


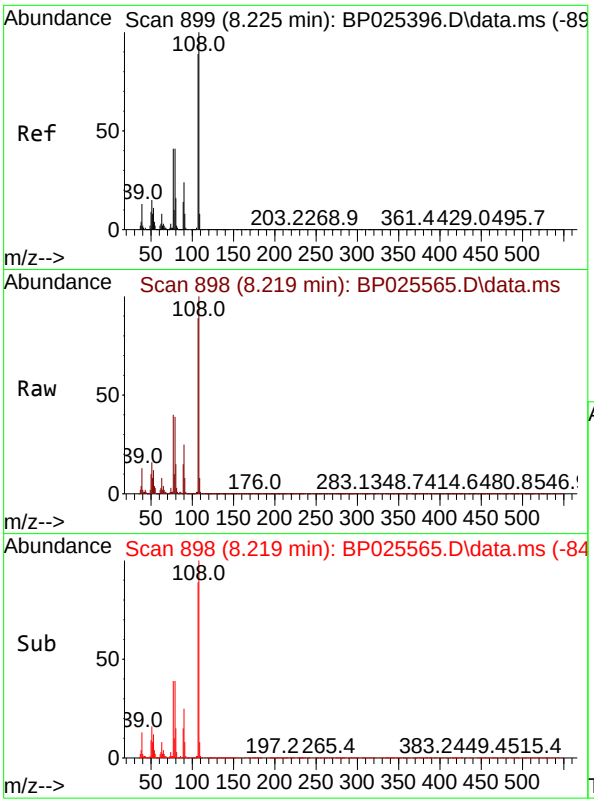


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.575 ng
RT: 8.296 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion: 45 Resp: 793746

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.3
79	10.7	0.0	31.8



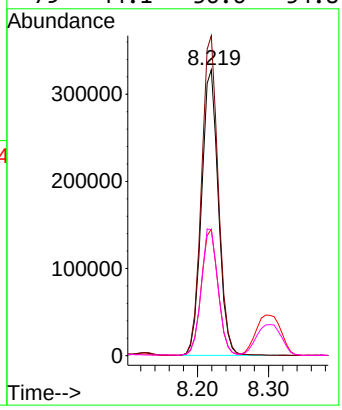


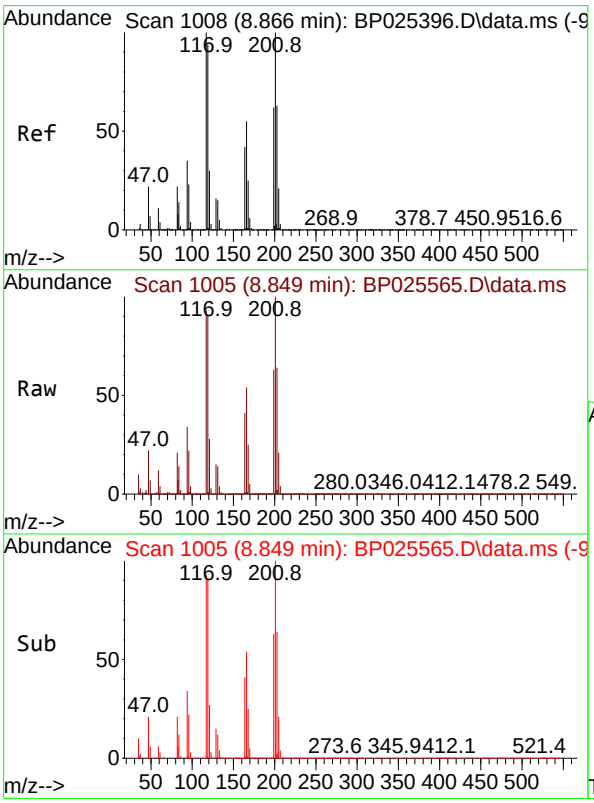
#17
2-Methylphenol
Concen: 46.403 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:107 Resp: 537573

Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.4	134.0
77	44.2	36.3	54.5
79	44.1	36.6	54.8

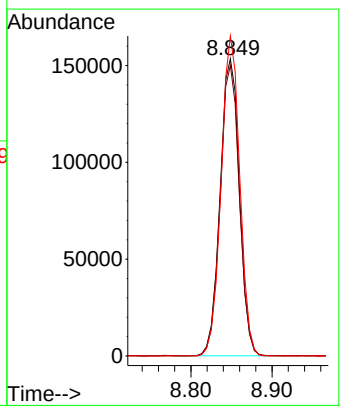


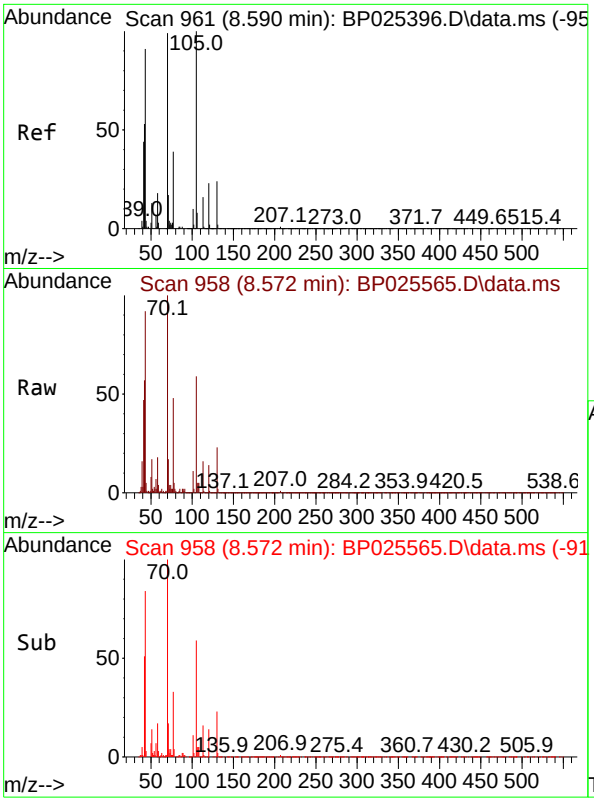


#18
Hexachloroethane
Concen: 43.671 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:117 Resp: 253201

Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.1	112.7
201	107.7	80.1	120.1



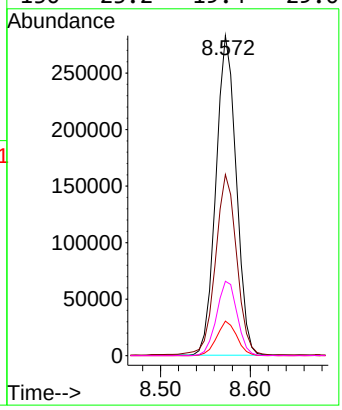


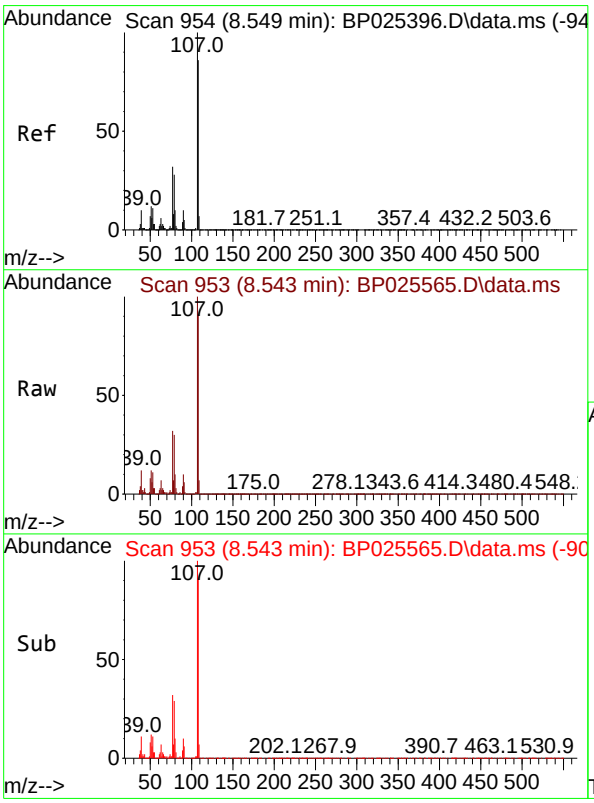
#19
n-Nitroso-di-n-propylamine
Concen: 42.155 ng
RT: 8.572 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion: 70 Resp: 443870

Ion	Ratio	Lower	Upper
70	100		
42	56.6	43.8	65.6
101	10.8	8.5	12.7
130	23.2	19.4	29.0

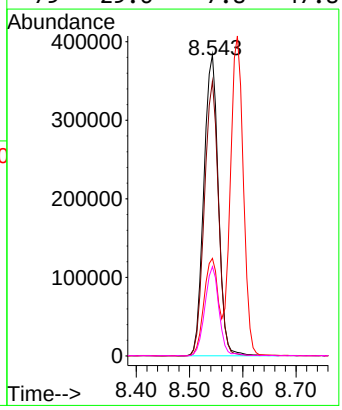


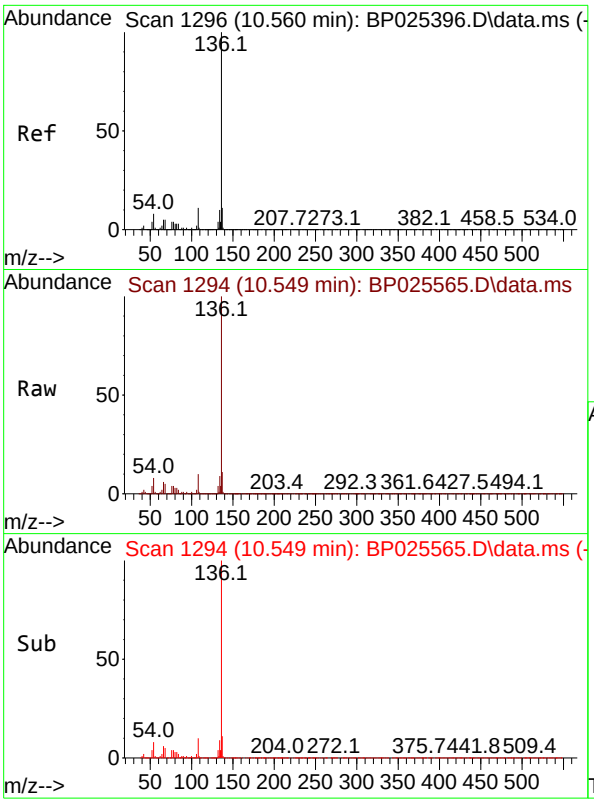


#20
3+4-Methylphenols
Concen: 45.188 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:107 Resp: 725648

Ion	Ratio	Lower	Upper
107	100		
108	91.1	66.3	106.3
77	32.4	12.3	52.3
79	29.6	7.8	47.8



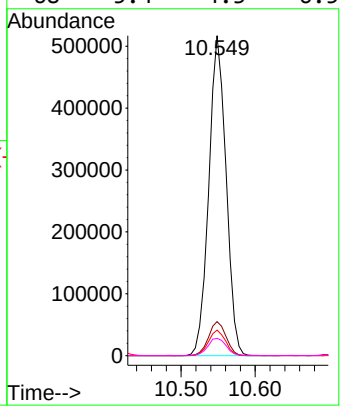


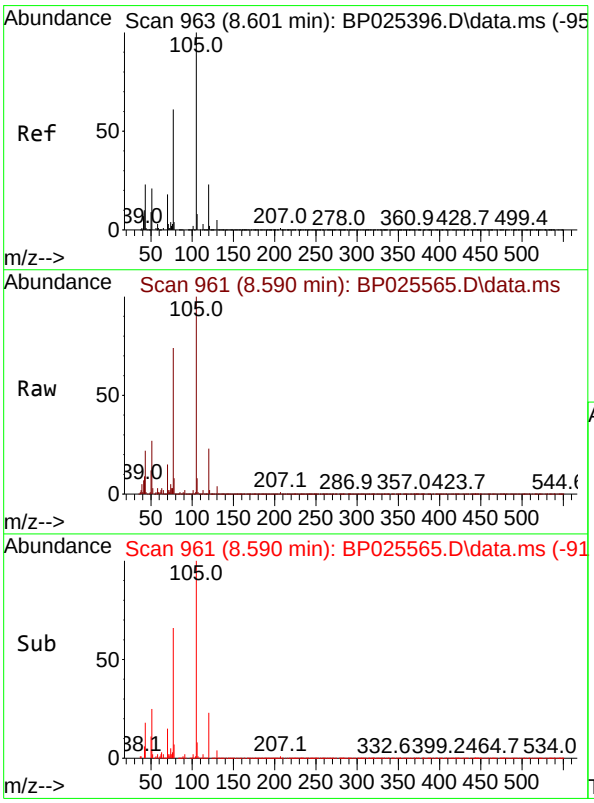
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:136 Resp: 835934

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.0	6.0	9.0
68	5.4	4.3	6.5

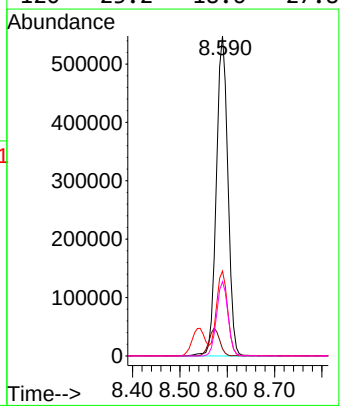


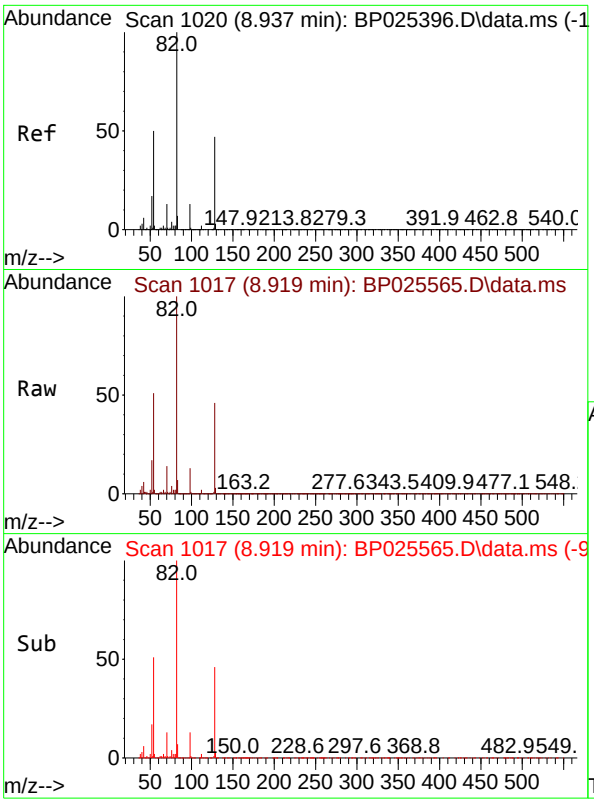


#22
Acetophenone
Concen: 44.205 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:105 Resp: 926700

Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.6	4.0#
51	26.5	20.6	30.8
120	23.2	18.6	27.8



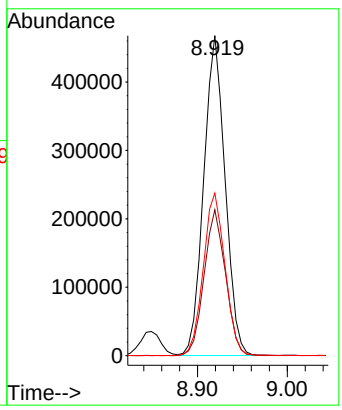


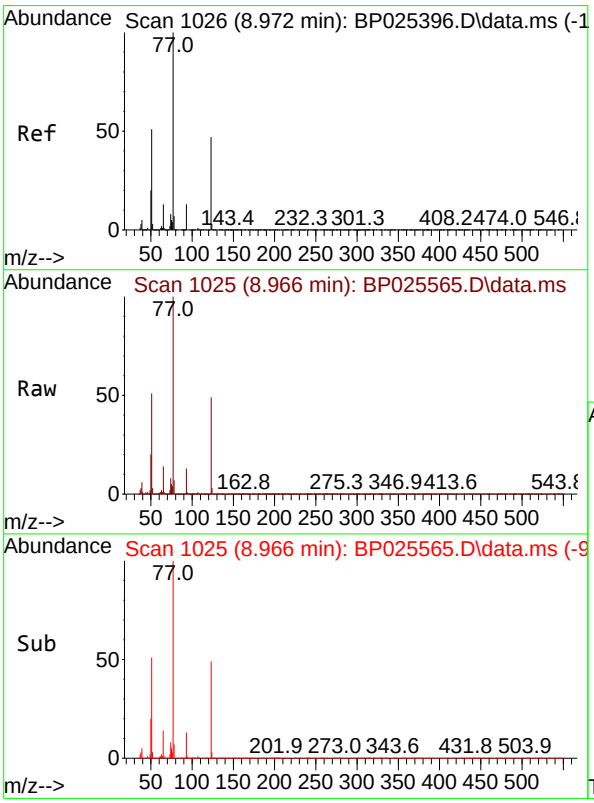
#23
Nitrobenzene-d5
Concen: 46.764 ng
RT: 8.919 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion: 82 Resp: 772777

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.7	56.5
54	50.8	39.8	59.6

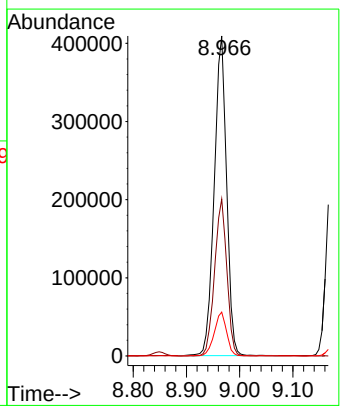


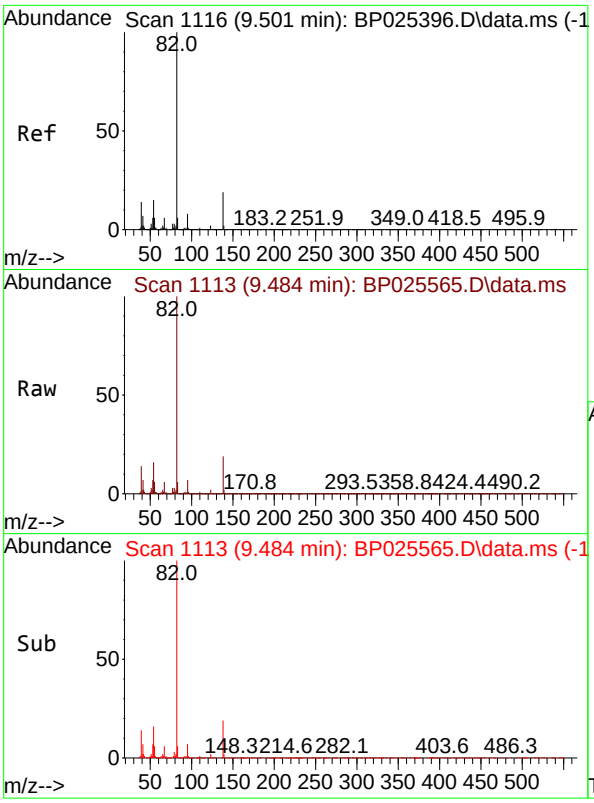


#24
Nitrobenzene
Concen: 44.568 ng
RT: 8.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion: 77 Resp: 658216

Ion	Ratio	Lower	Upper
77	100		
123	49.0	38.6	58.0
65	13.7	10.6	15.8



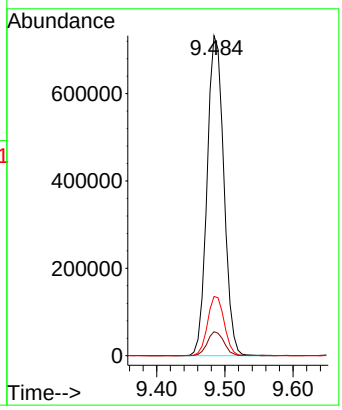


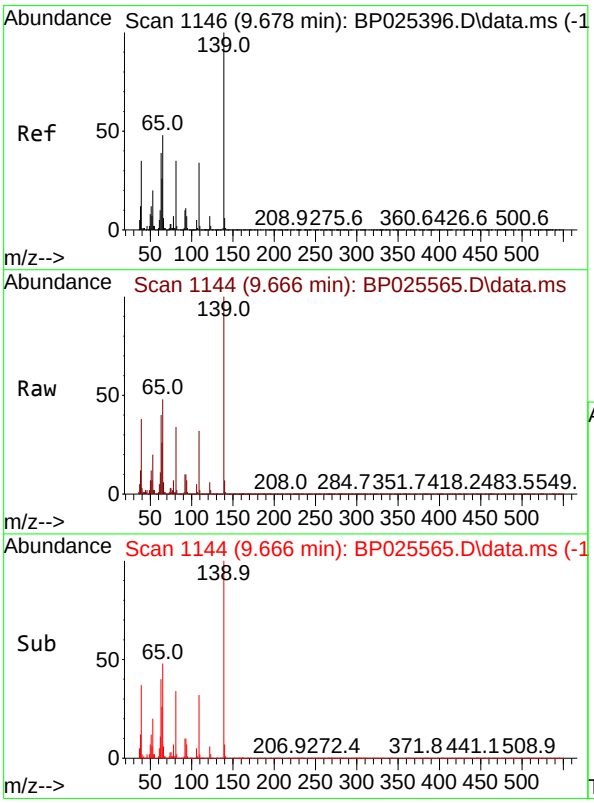
#25
Isophorone
Concen: 42.658 ng
RT: 9.484 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion: 82 Resp: 1247538

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.4	9.6
138	18.5	15.4	23.0

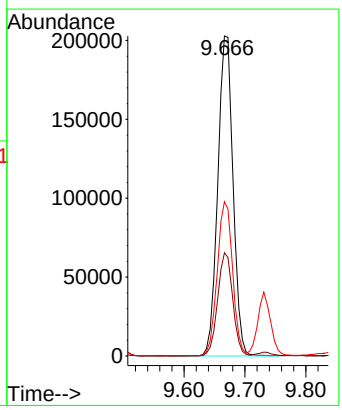


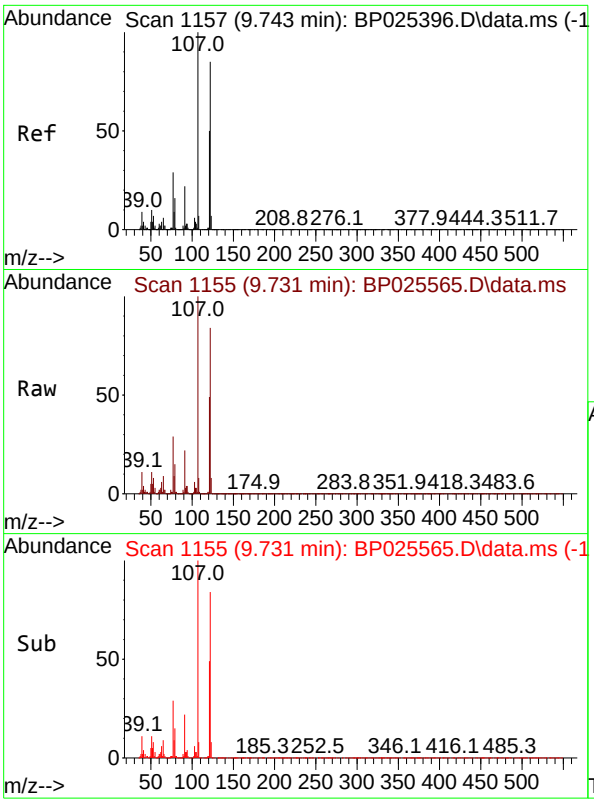


#26
2-Nitrophenol
Concen: 46.582 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:139 Resp: 353062

Ion	Ratio	Lower	Upper
139	100		
109	32.2	26.9	40.3
65	48.2	38.3	57.5



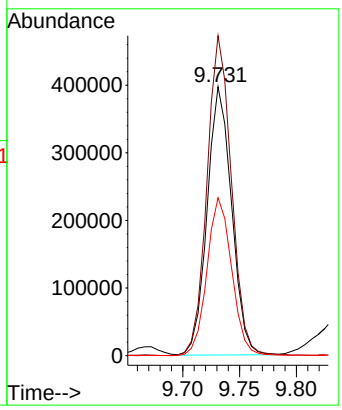


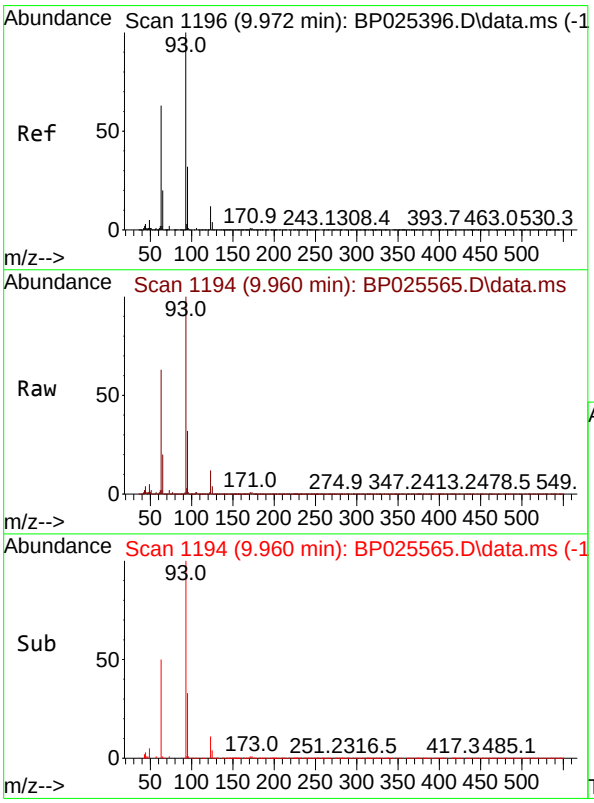
#27
2,4-Dimethylphenol
Concen: 45.713 ng
RT: 9.731 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:122 Resp: 595850

Ion	Ratio	Lower	Upper
122	100		
107	119.0	93.7	140.5
121	58.7	46.6	69.8

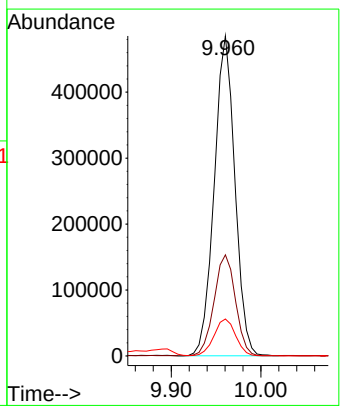


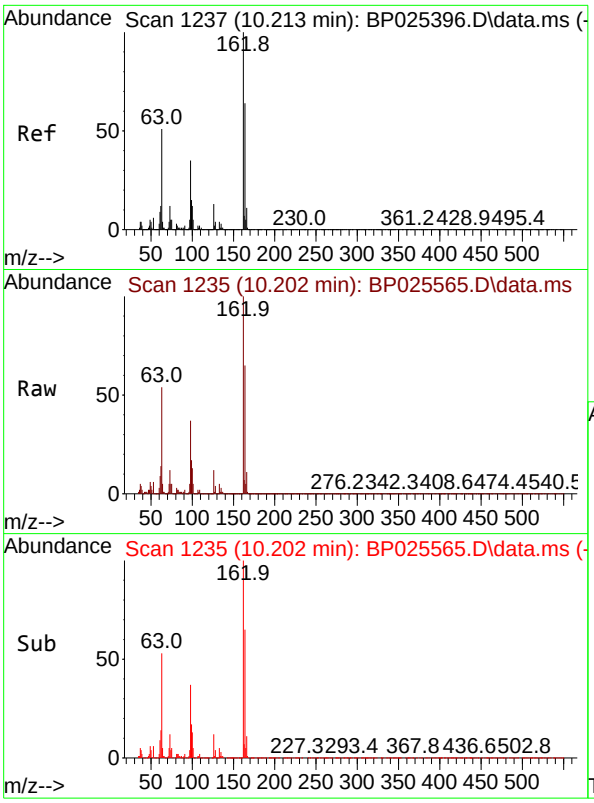


#28
bis(2-Chloroethoxy)methane
Concen: 43.854 ng
RT: 9.960 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion: 93 Resp: 775259

Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.4	38.0
123	11.5	9.4	14.0



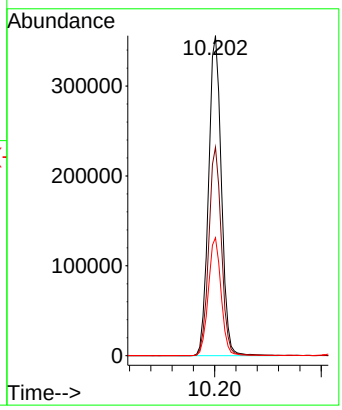


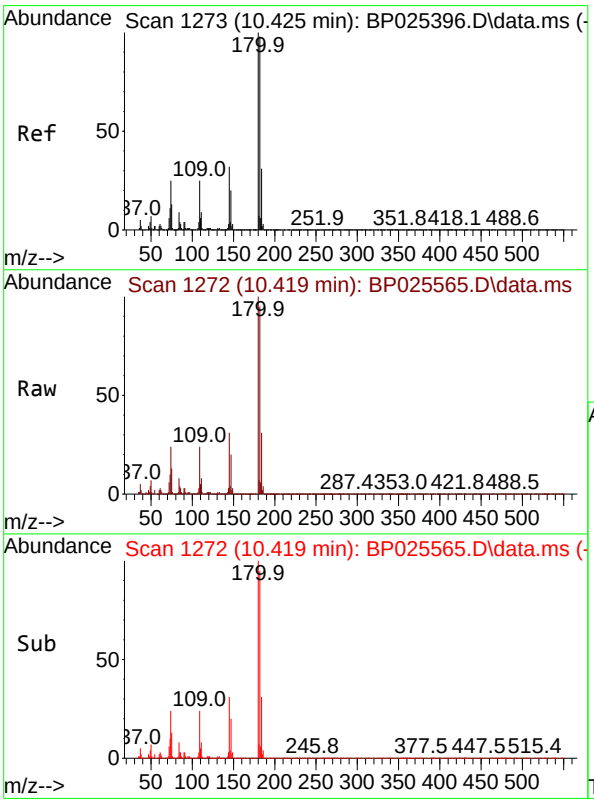
#29
2,4-Dichlorophenol
Concen: 46.036 ng
RT: 10.202 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:162 Resp: 596081

Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.4	84.4
98	36.9	14.9	54.9

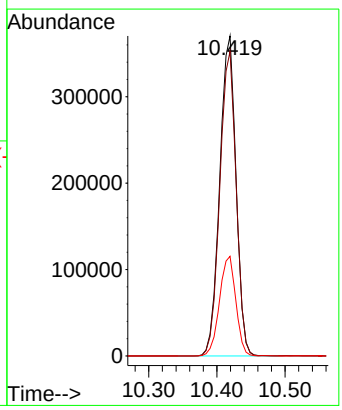


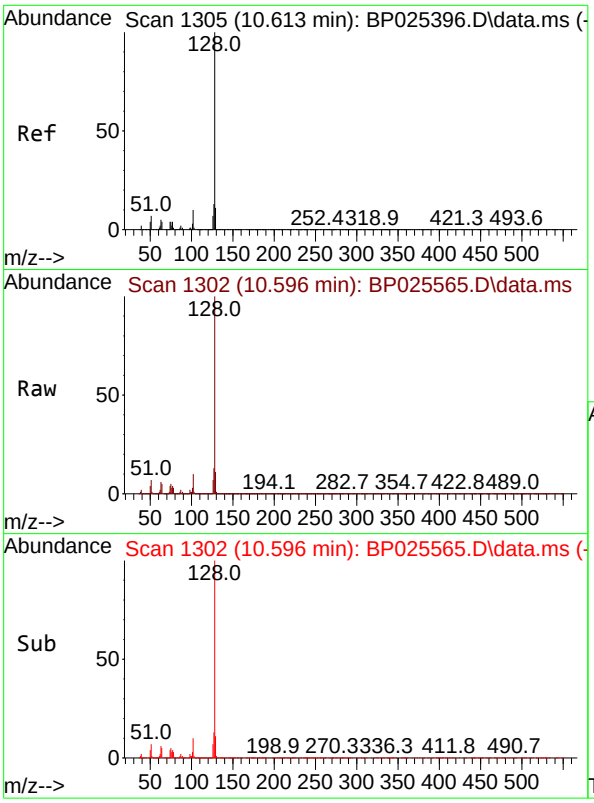


#30
1,2,4-Trichlorobenzene
Concen: 43.306 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:180 Resp: 614695

Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.0	117.0
145	31.2	25.9	38.9



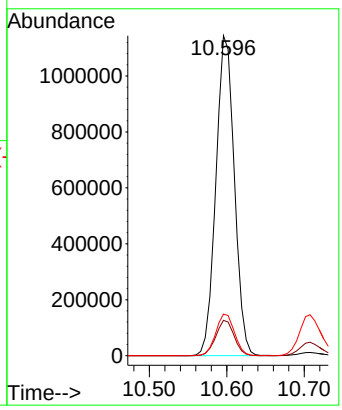


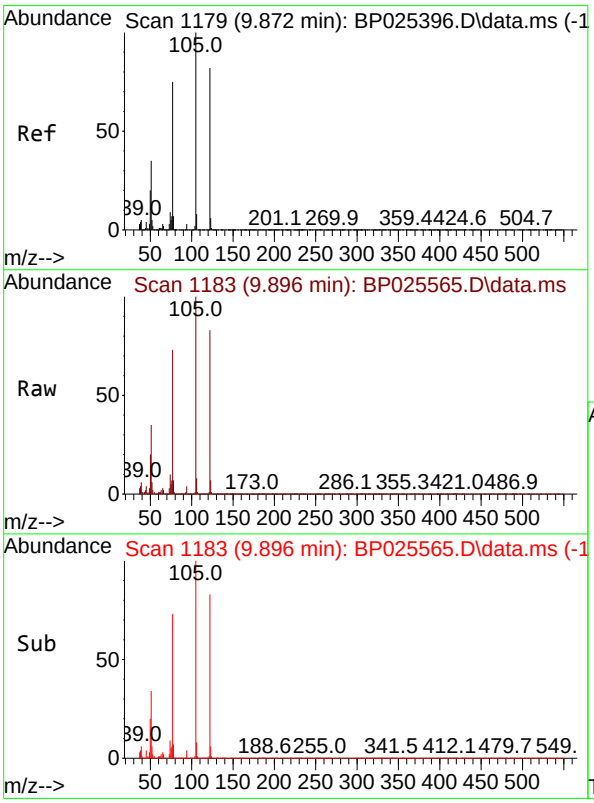
#31
Naphthalene
Concen: 43.616 ng
RT: 10.596 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:128 Resp: 1895026

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.0	10.7	16.1

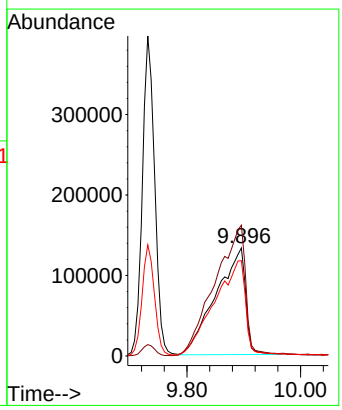


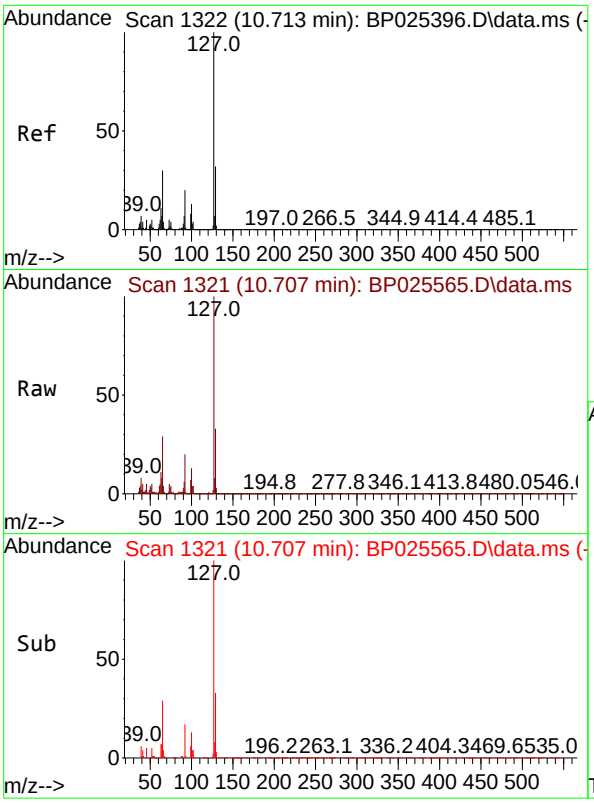


#32
Benzoic acid
Concen: 49.717 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.024 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:122 Resp: 478429

Ion	Ratio	Lower	Upper
122	100		
105	121.1	100.6	140.6
77	88.1	71.5	111.5



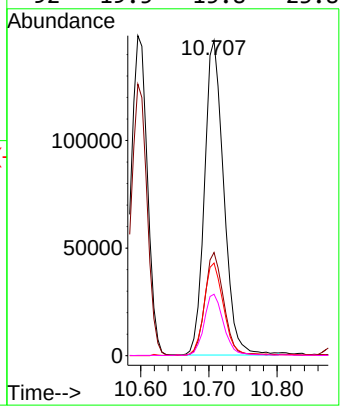


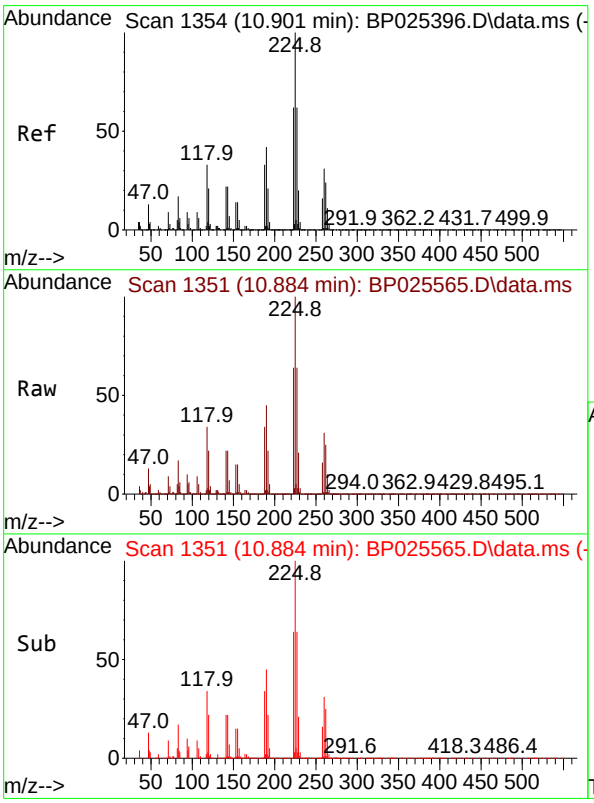
#33
4-Chloroaniline
Concen: 15.010 ng
RT: 10.707 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:127 Resp: 288080

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.2
65	29.4	23.8	35.6
92	19.5	15.8	23.8

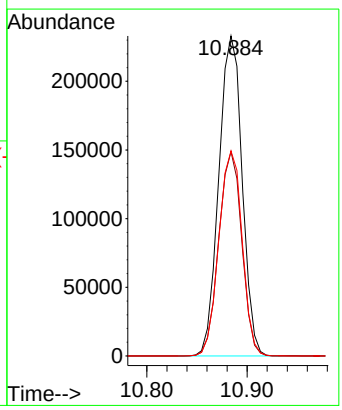


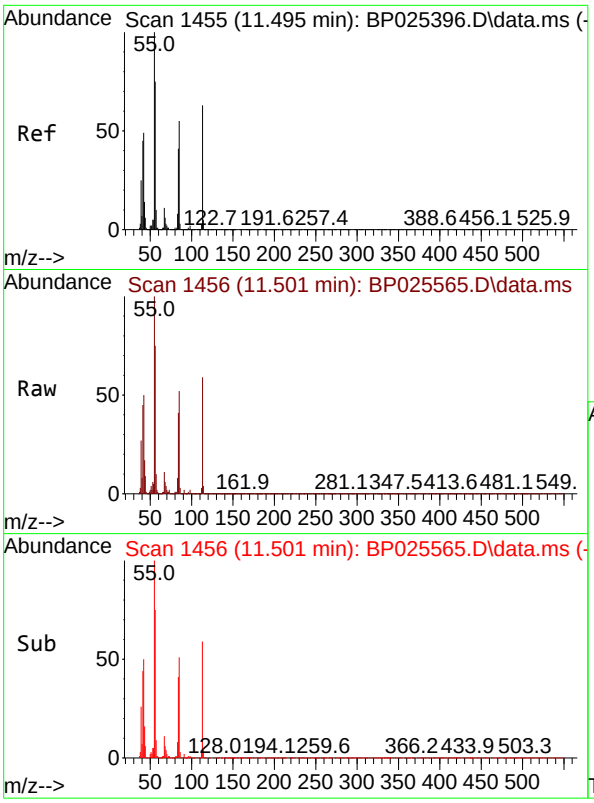


#34
Hexachlorobutadiene
Concen: 42.571 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:225 Resp: 376319

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.0	75.0
227	64.0	49.7	74.5



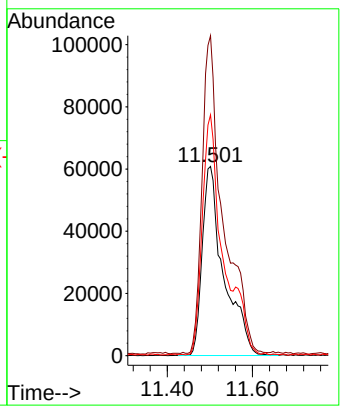


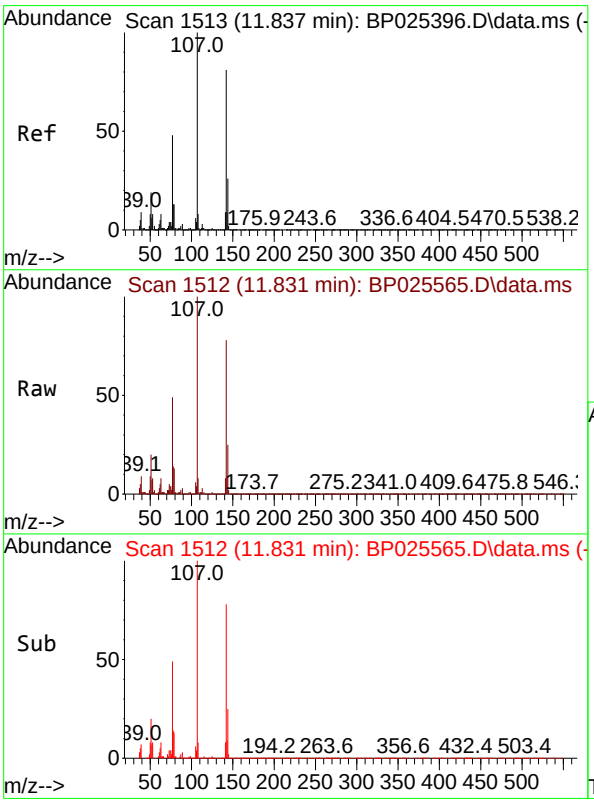
#35
Caprolactam
Concen: 44.974 ng
RT: 11.501 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:113 Resp: 213531

Ion	Ratio	Lower	Upper
113	100		
55	169.1	140.0	180.0
56	127.3	100.0	140.0

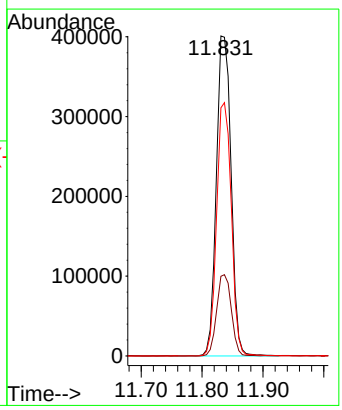


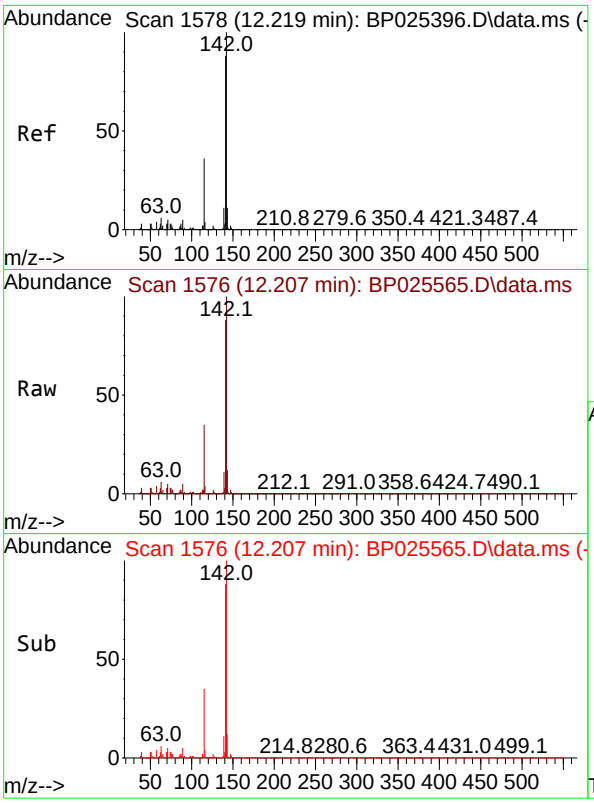


#36
4-Chloro-3-methylphenol
Concen: 45.285 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:107 Resp: 672836

Ion	Ratio	Lower	Upper
107	100		
144	24.9	21.0	31.4
142	77.6	64.6	97.0



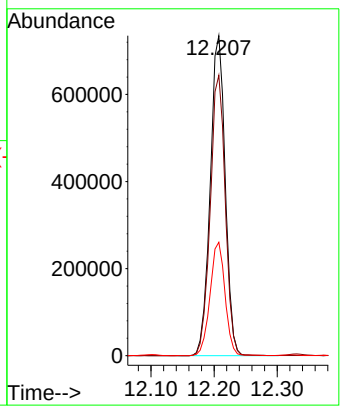


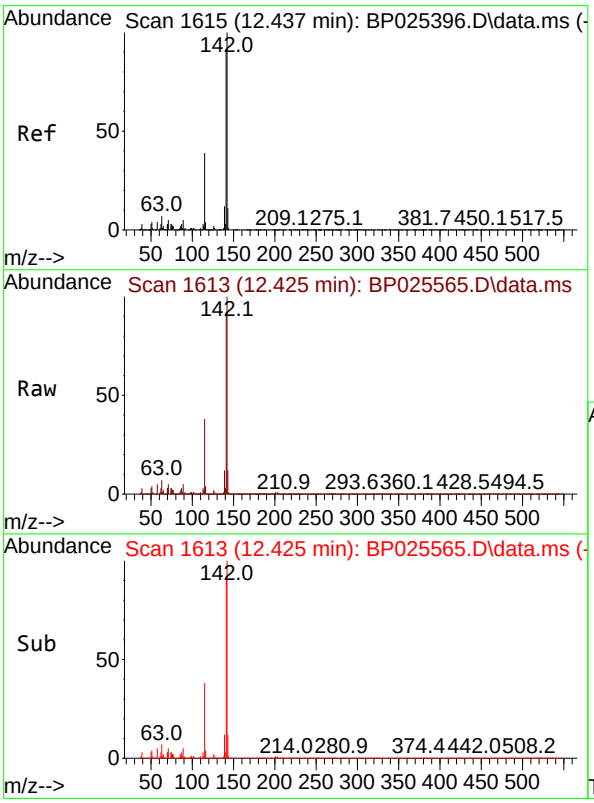
#37
2-Methylnaphthalene
Concen: 42.772 ng
RT: 12.207 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:142 Resp: 1209364

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.3	105.5
115	35.5	28.9	43.3

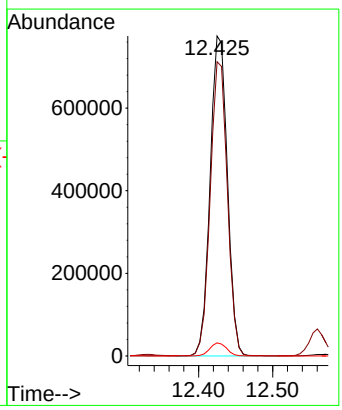


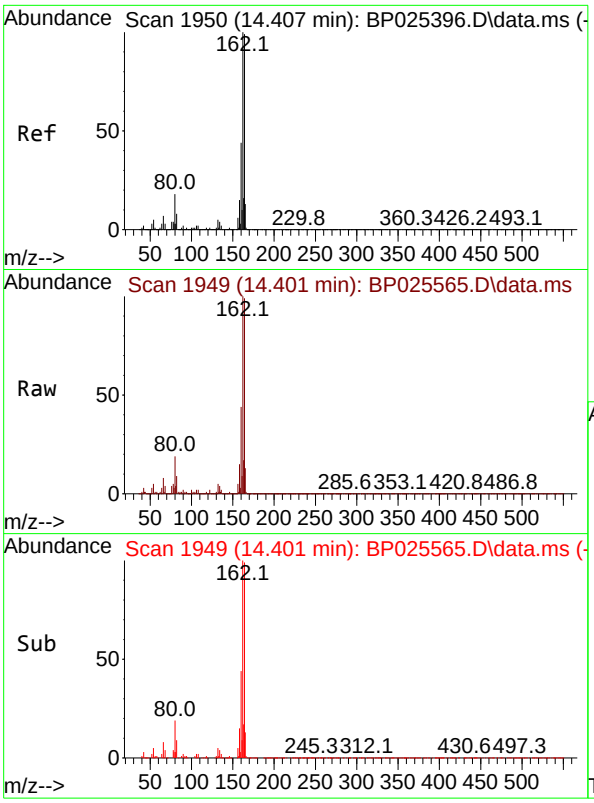


#38
1-Methylnaphthalene
Concen: 41.571 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:142 Resp: 1249987

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.1	109.7
116	4.1	3.2	4.8



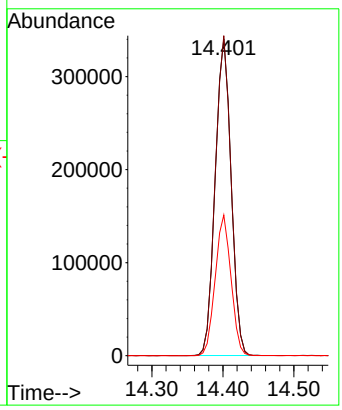


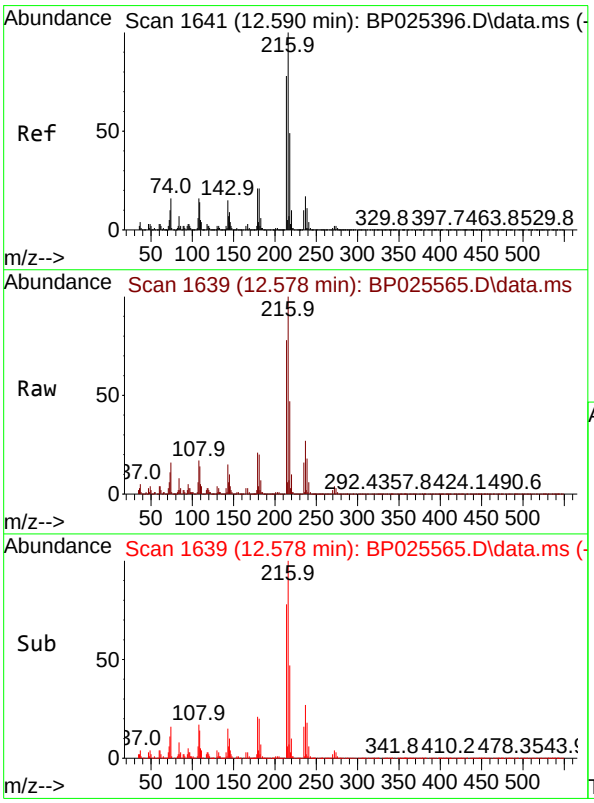
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:164 Resp: 527211

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.0	121.6
160	44.4	35.4	53.2

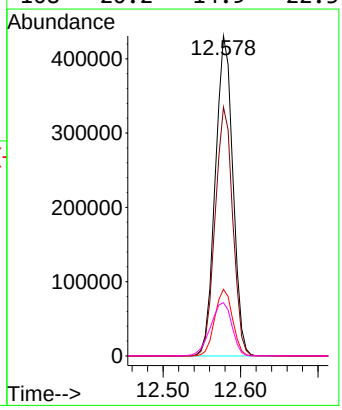


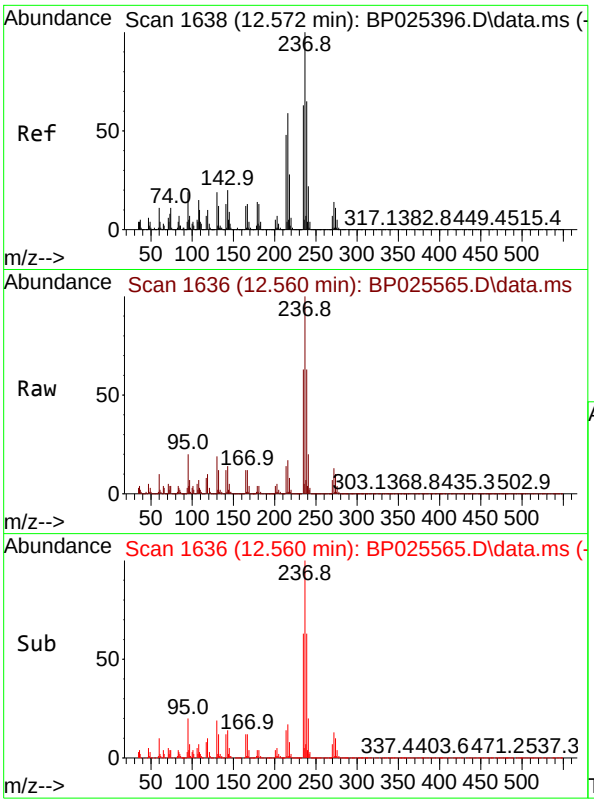


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.636 ng
RT: 12.578 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:216 Resp: 679643

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	21.1	17.1	25.7
108	20.2	14.9	22.3



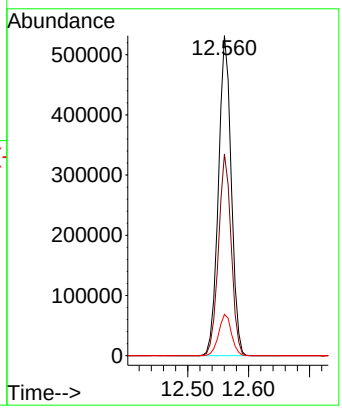


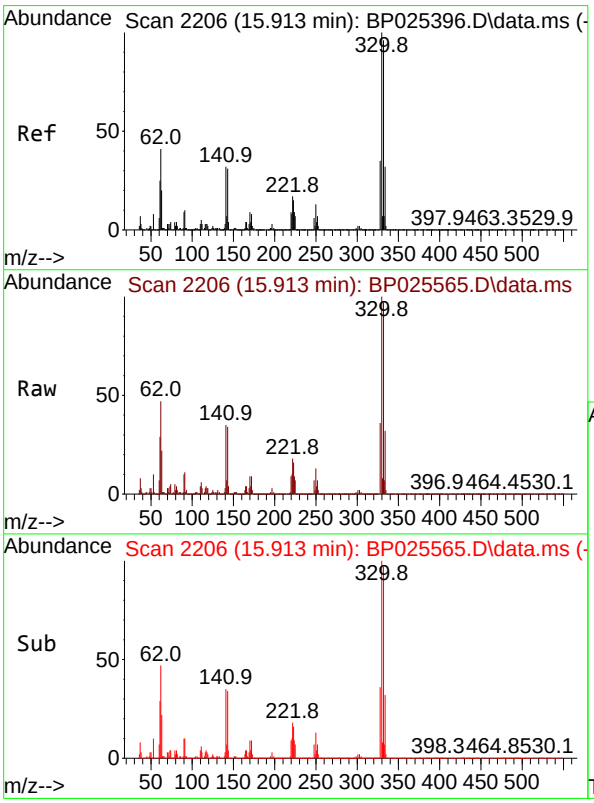
#41
Hexachlorocyclopentadiene
Concen: 84.034 ng
RT: 12.560 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:237 Resp: 772893

Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.7	82.7
272	12.9	0.0	34.0

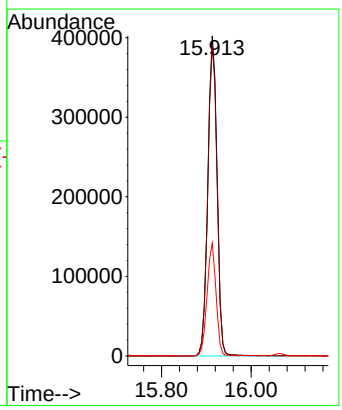


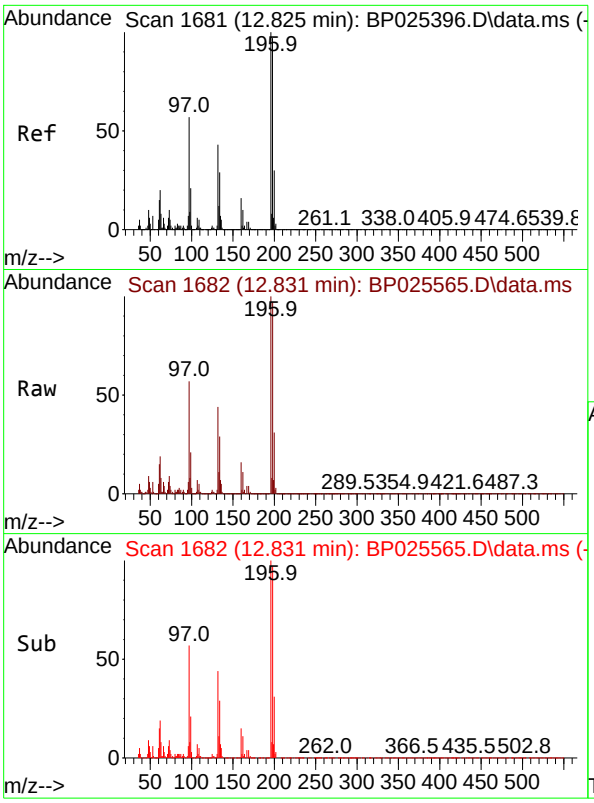


#42
2,4,6-Tribromophenol
Concen: 81.210 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:330 Resp: 576291

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	34.1	26.6	39.8



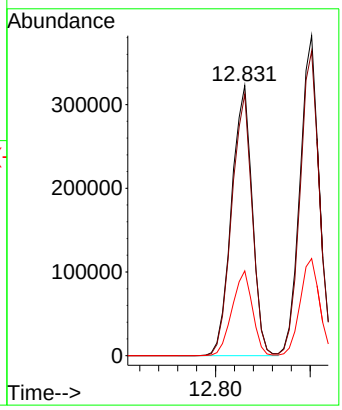


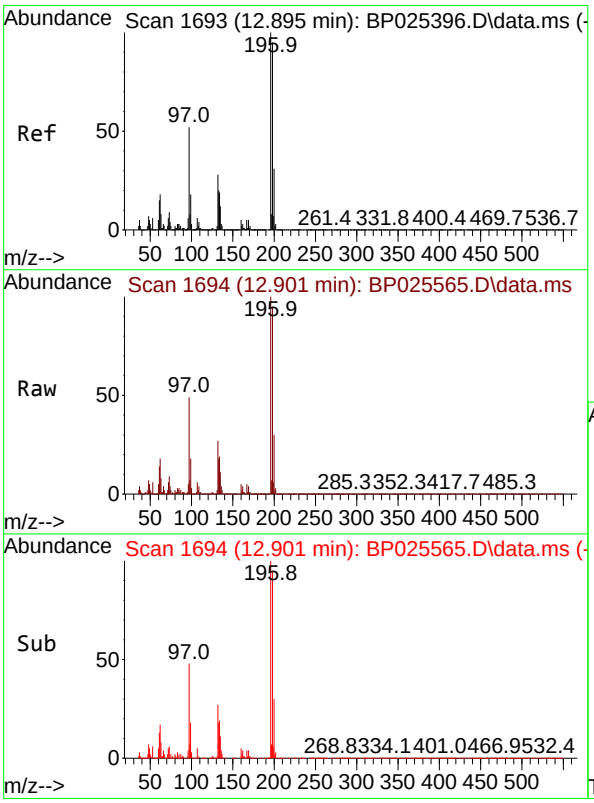
#43
2,4,6-Trichlorophenol
Concen: 47.714 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:196 Resp: 490481

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.2	115.8
200	31.4	23.9	35.9

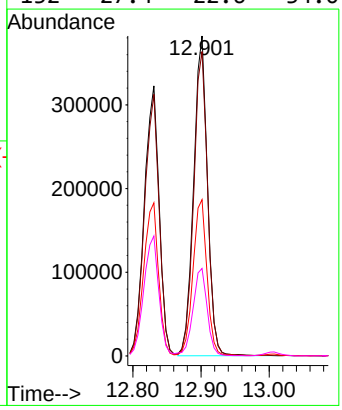


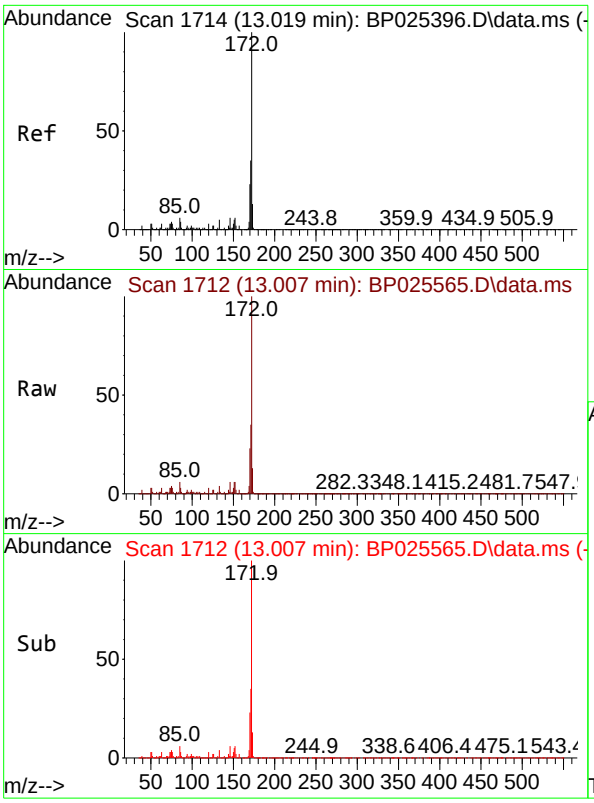


#44
2,4,5-Trichlorophenol
Concen: 47.823 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:196 Resp: 538774

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.2	114.2
97	48.8	41.2	61.8
132	27.4	22.6	34.0



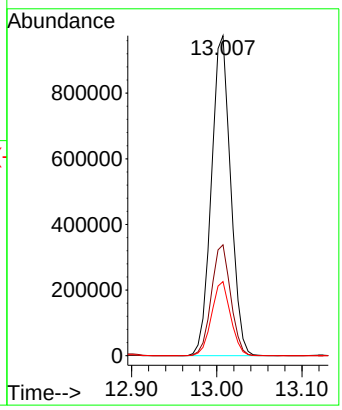


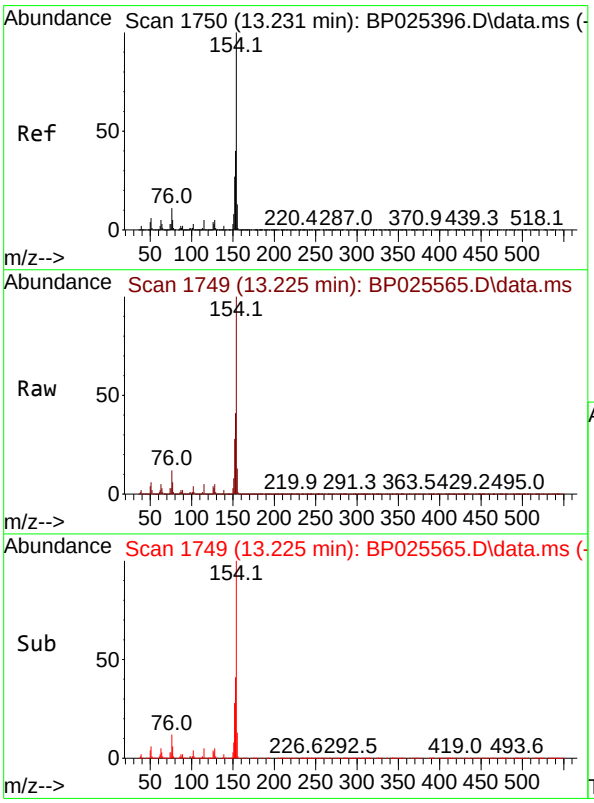
#45
2-Fluorobiphenyl
Concen: 39.740 ng
RT: 13.007 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:172 Resp: 1532999

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.1	18.6	28.0

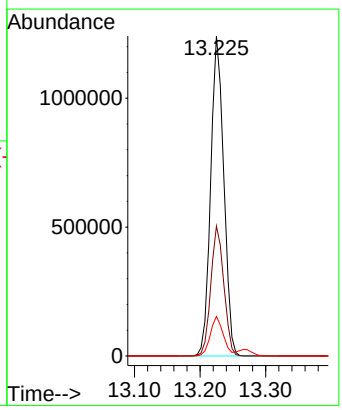


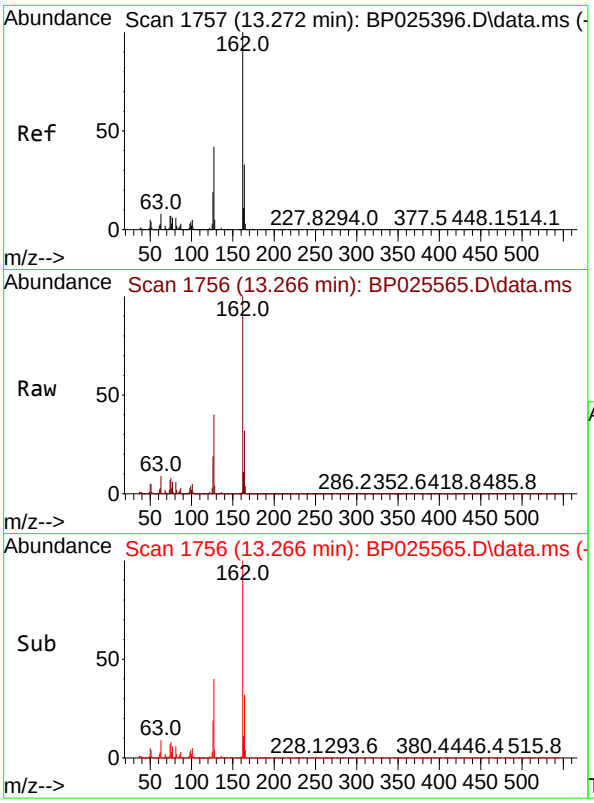


#46
1,1'-Biphenyl
Concen: 44.964 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:154 Resp: 1721615

Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.5	59.5
76	12.3	0.0	31.1



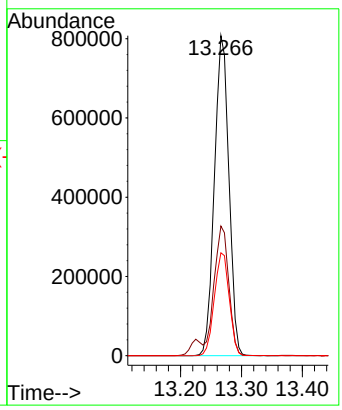


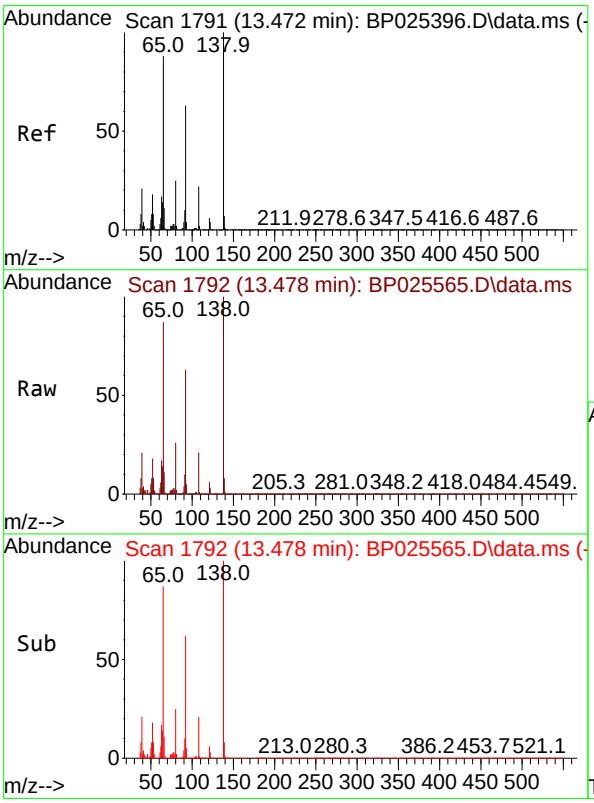
#47
2-Chloronaphthalene
Concen: 44.694 ng
RT: 13.266 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:162 Resp: 1332234

Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.4	50.2
164	32.2	26.2	39.2

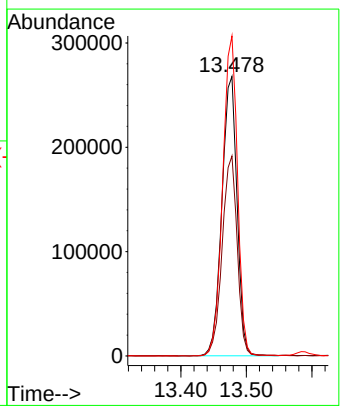


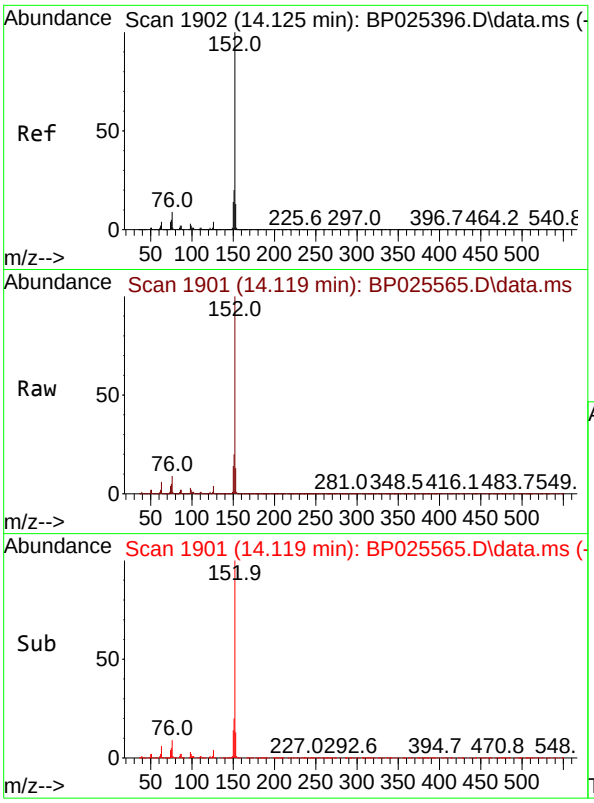


#48
2-Nitroaniline
Concen: 49.297 ng
RT: 13.478 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion: 65 Resp: 428155

Ion	Ratio	Lower	Upper
65	100		
92	71.6	57.6	86.4
138	114.5	91.0	136.6



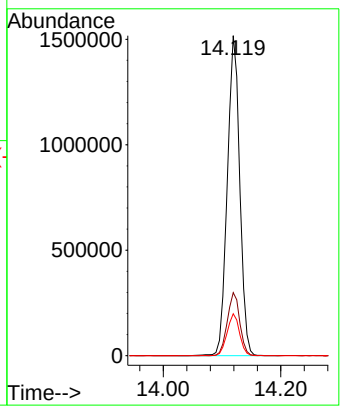


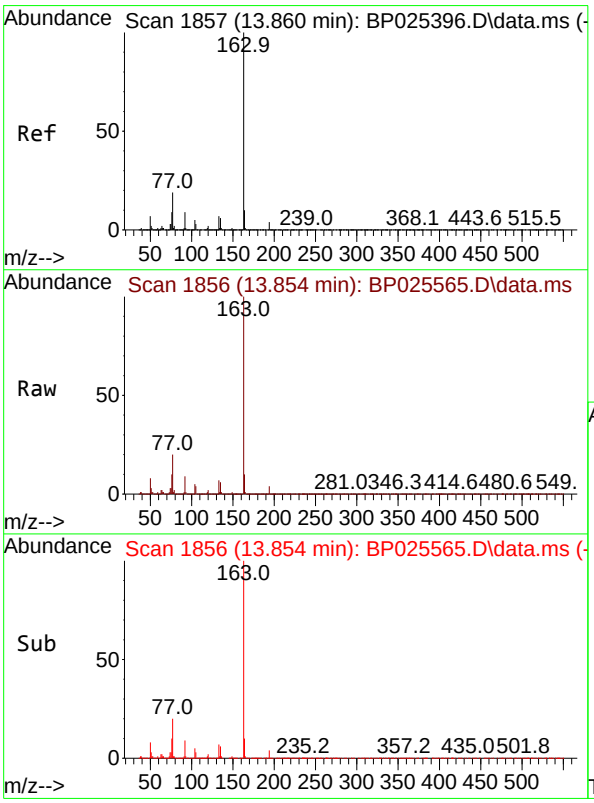
#49
Acenaphthylene
Concen: 45.104 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:152 Resp: 2224704

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.1	10.6	15.8

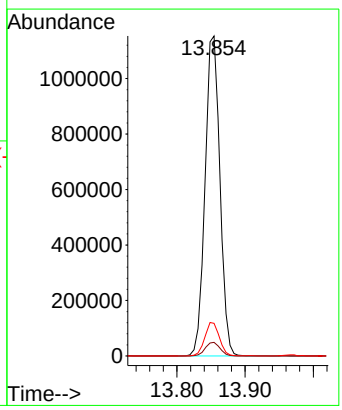


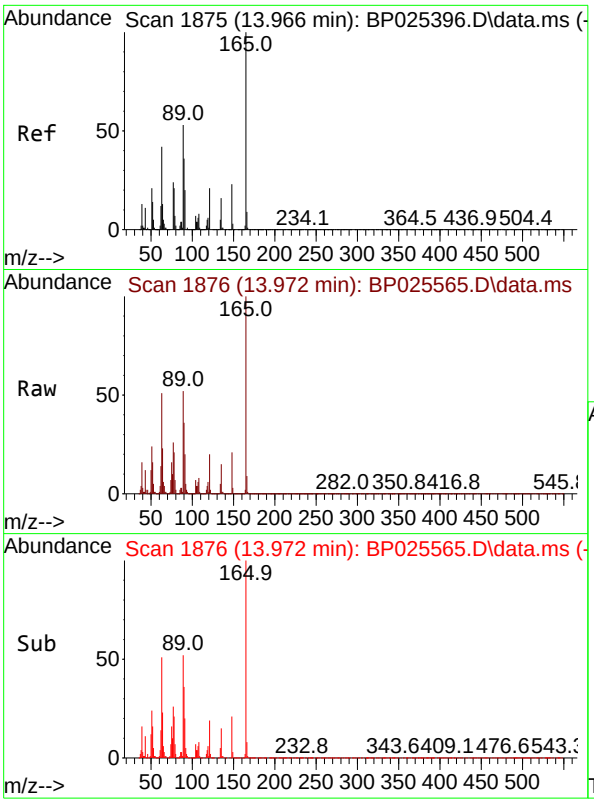


#50
Dimethylphthalate
Concen: 45.265 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:163 Resp: 1747556

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	7.9	11.9



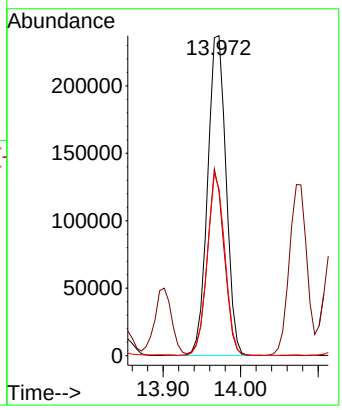


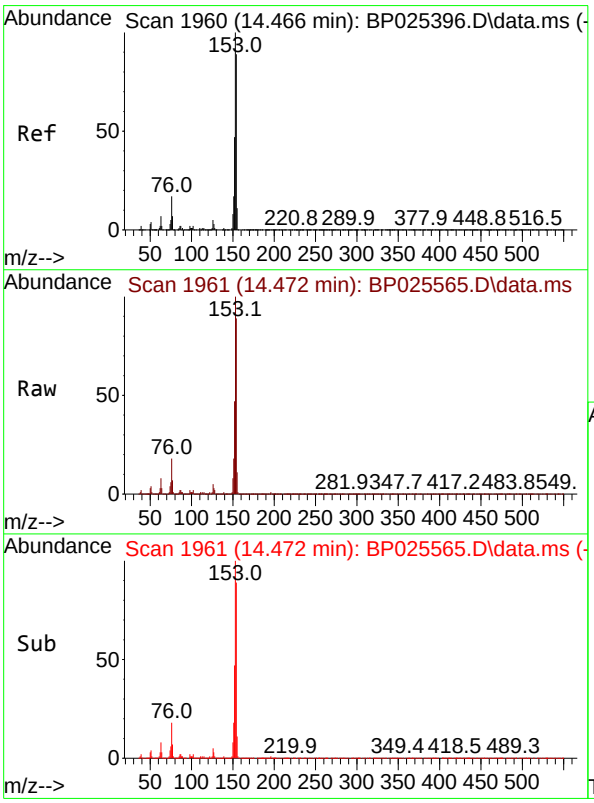
#51
2,6-Dinitrotoluene
Concen: 48.036 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:165 Resp: 390881

Ion	Ratio	Lower	Upper
165	100		
63	51.3	40.9	61.3
89	52.1	42.1	63.1

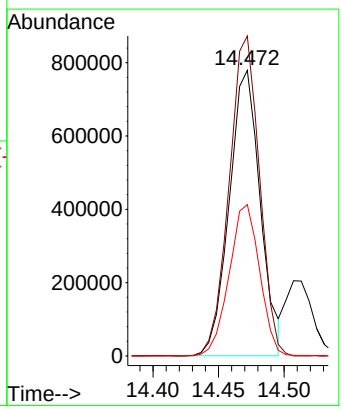


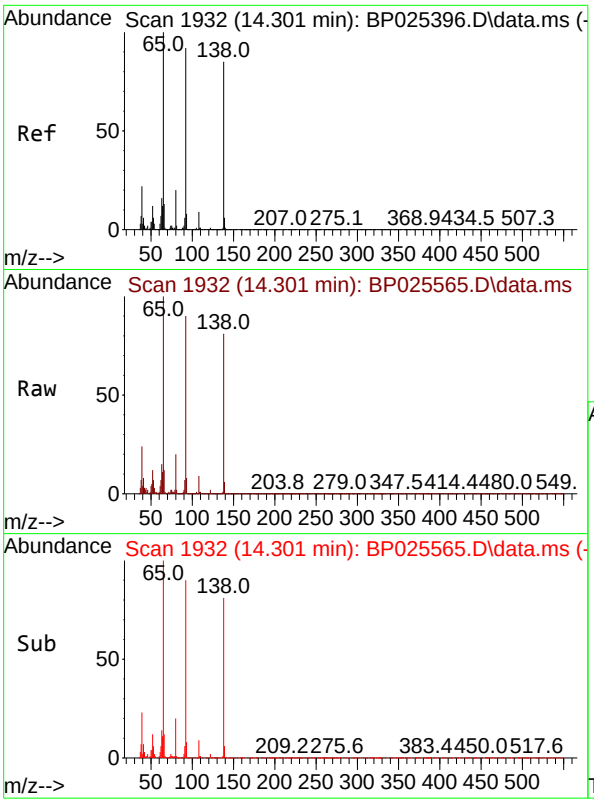


#52
Acenaphthene
Concen: 44.325 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:154 Resp: 1283298

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.2	135.2
152	53.0	42.1	63.1



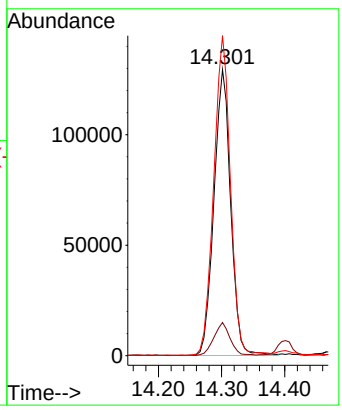


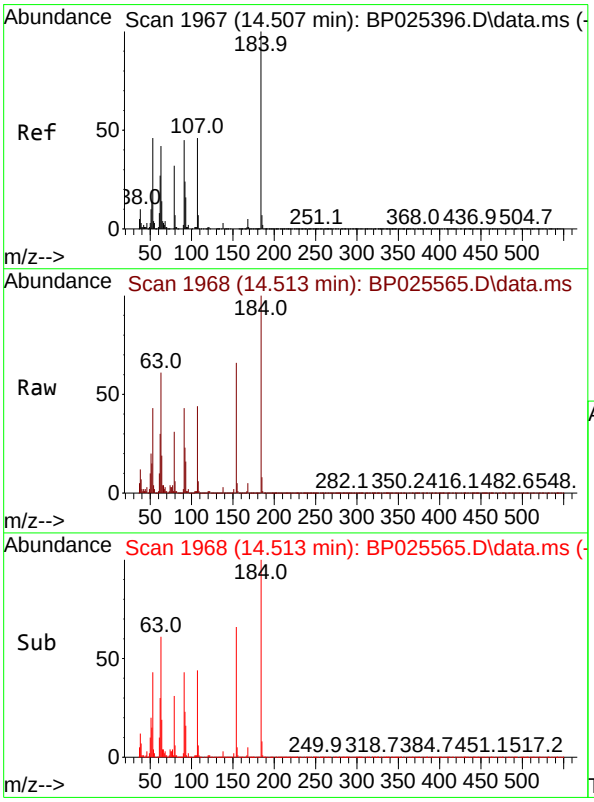
#53
3-Nitroaniline
Concen: 26.039 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:138 Resp: 238389

Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.3	12.5
92	111.8	86.2	129.2

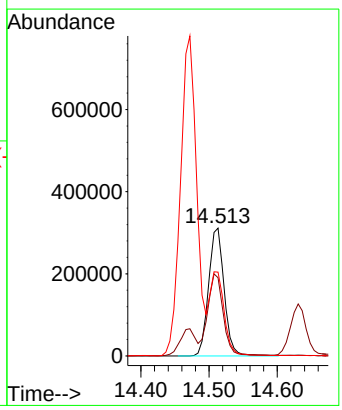


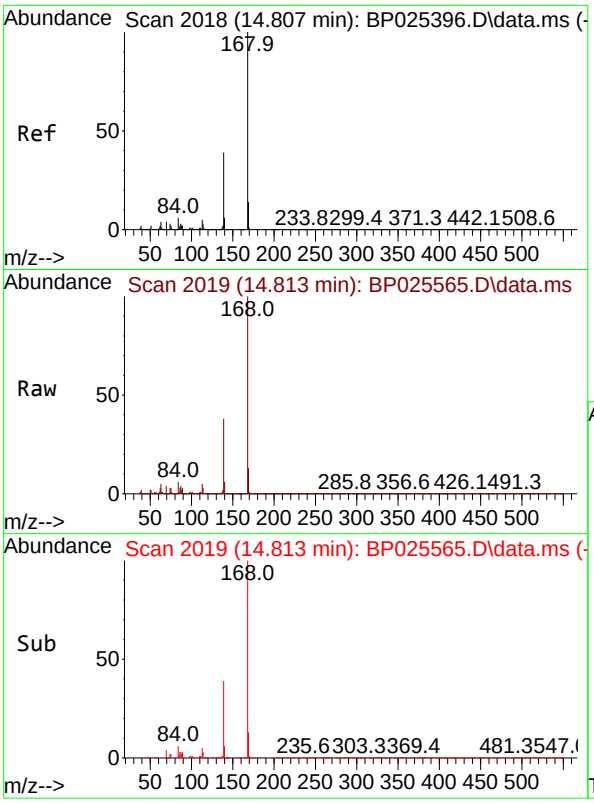


#54
2,4-Dinitrophenol
Concen: 114.339 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:184 Resp: 496861

Ion	Ratio	Lower	Upper
184	100		
63	61.3	49.4	74.2
154	65.6	54.6	82.0



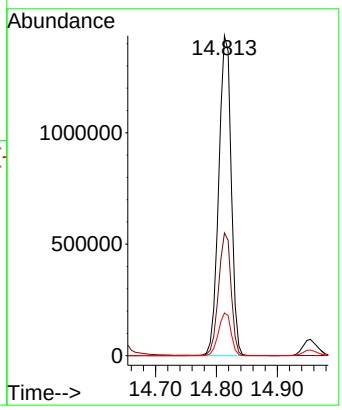


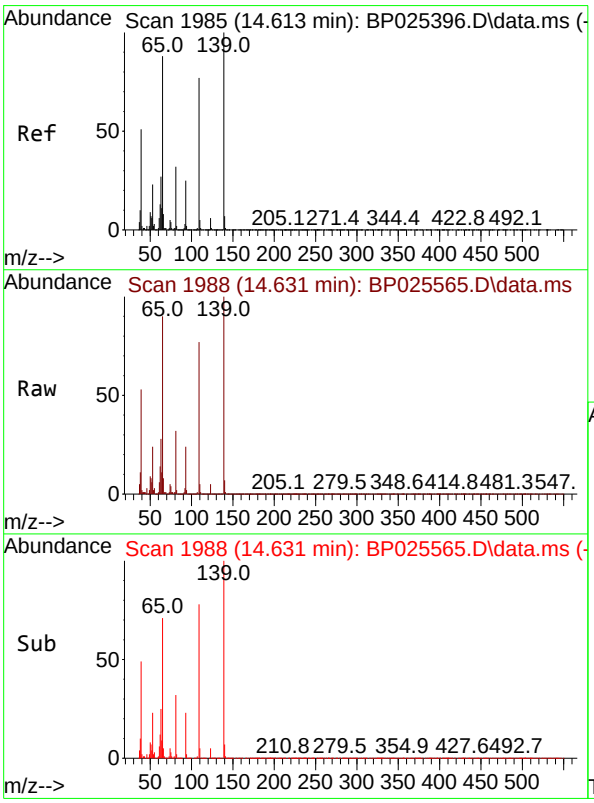
#55
Dibenzofuran
Concen: 44.427 ng
RT: 14.813 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:168 Resp: 2033583

Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.5	47.3
169	13.4	10.9	16.3

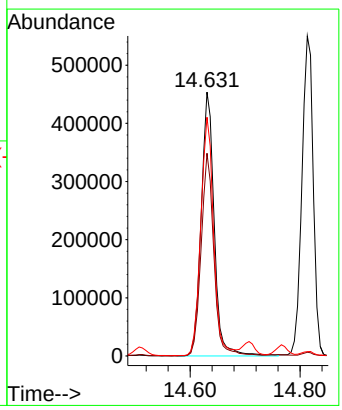


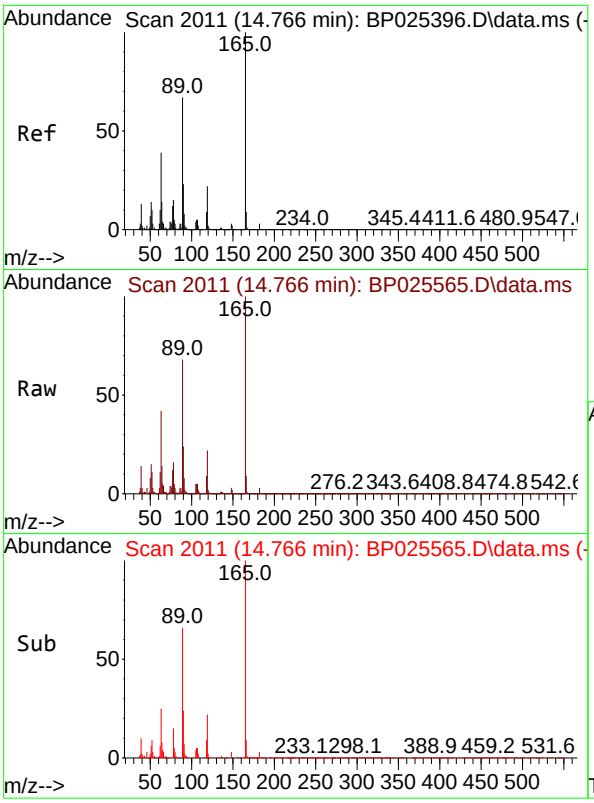


#56
4-Nitrophenol
Concen: 99.077 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:139 Resp: 745371

Ion	Ratio	Lower	Upper
139	100		
109	76.8	56.6	96.6
65	90.4	68.2	108.2



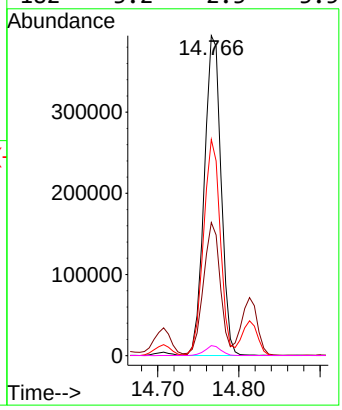


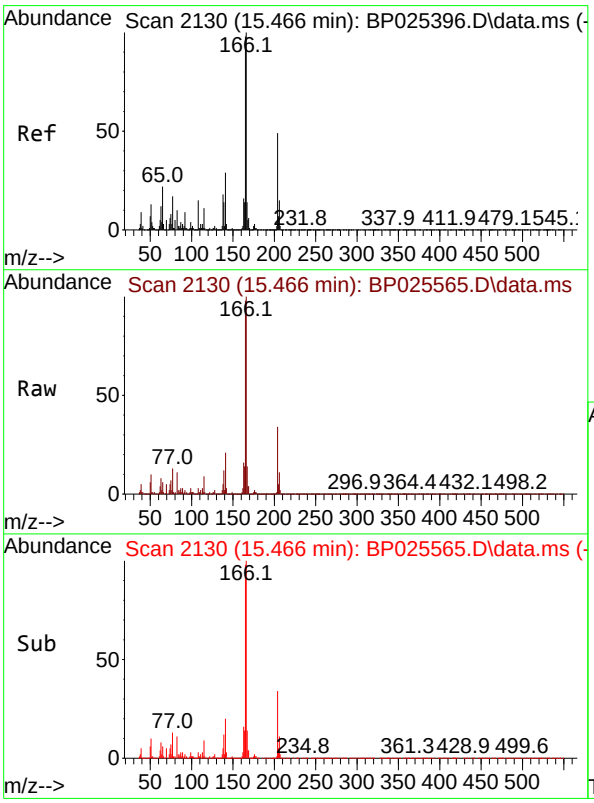
#57
2,4-Dinitrotoluene
Concen: 48.509 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:165 Resp: 563187

Ion	Ratio	Lower	Upper
165	100		
63	41.6	31.4	47.2
89	67.6	53.3	79.9
182	3.2	2.3	3.5

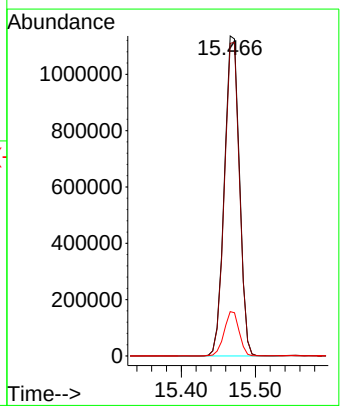


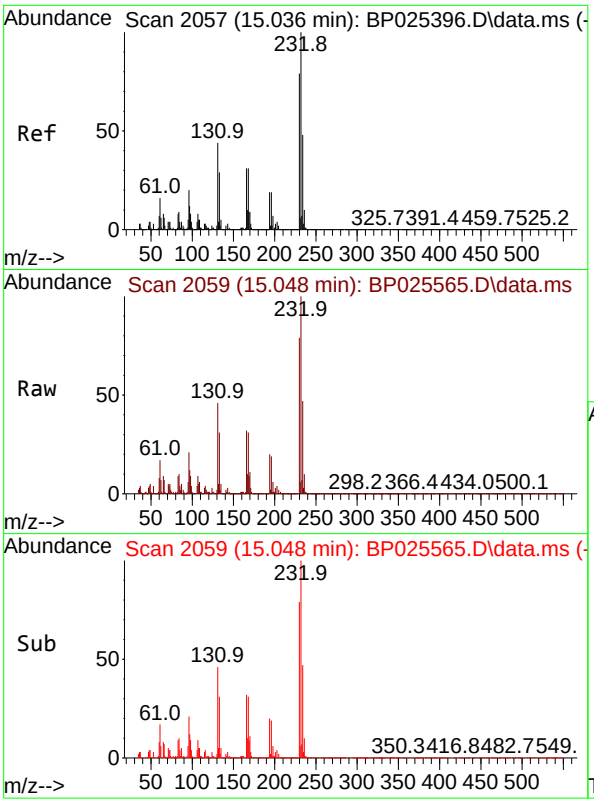


#58
Fluorene
Concen: 44.351 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:166 Resp: 1601851

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.8	118.2
167	13.9	11.0	16.4



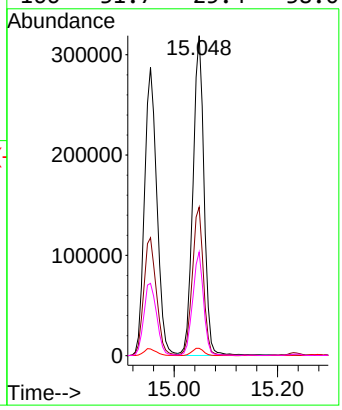


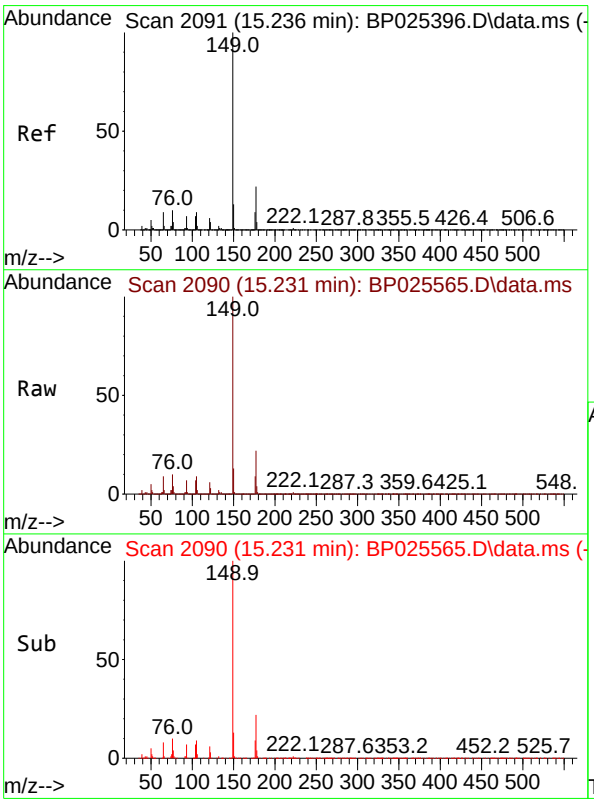
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.717 ng
RT: 15.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:232 Resp: 474681

Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.0	55.6
130	2.4	1.9	2.9
166	31.7	25.4	38.0

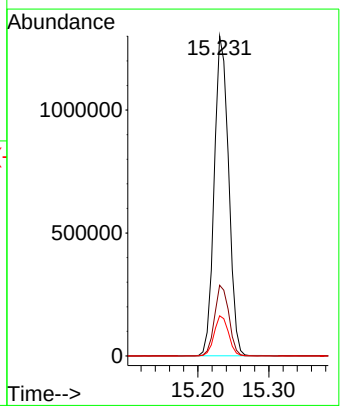


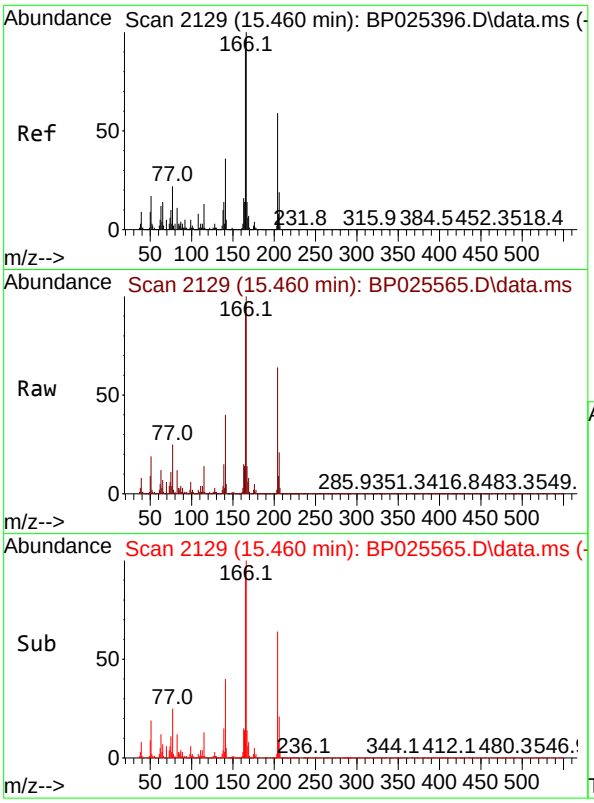


#60
Diethylphthalate
Concen: 46.451 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:149 Resp: 1822222

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.6	10.3	15.5



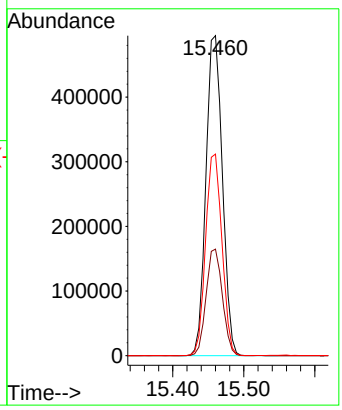


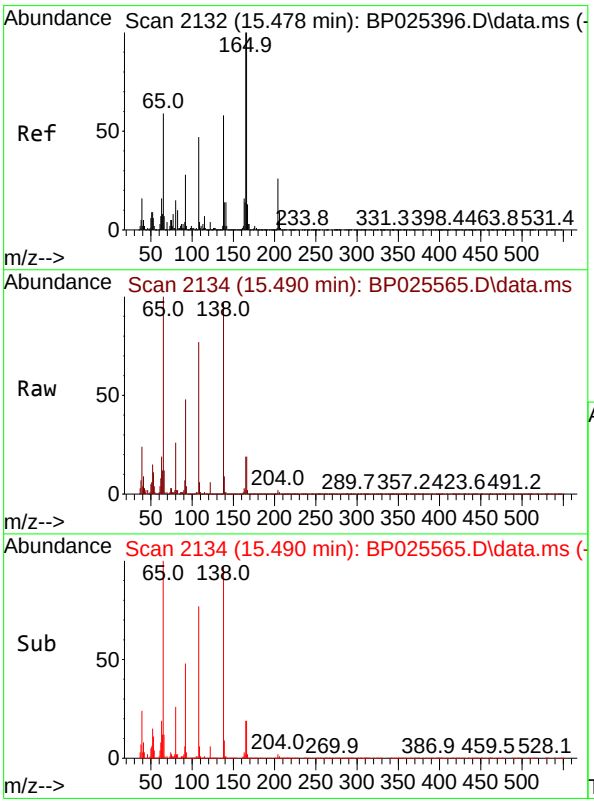
#61
4-Chlorophenyl-phenylether
Concen: 44.388 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:204 Resp: 797341

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.8
141	63.0	49.4	74.2

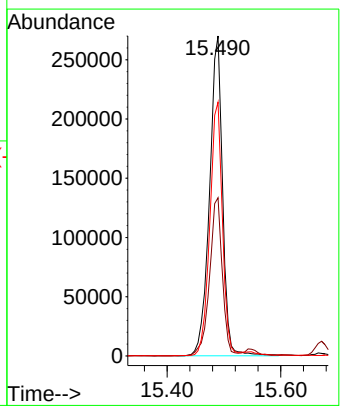


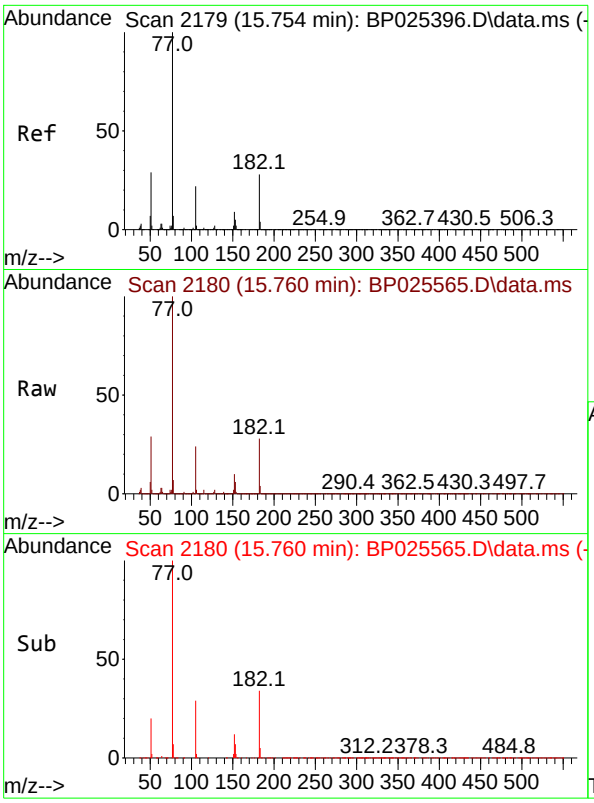


#62
4-Nitroaniline
Concen: 45.746 ng
RT: 15.490 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:138 Resp: 429354

Ion	Ratio	Lower	Upper
138	100		
92	49.5	29.1	69.1
108	79.3	61.5	101.5



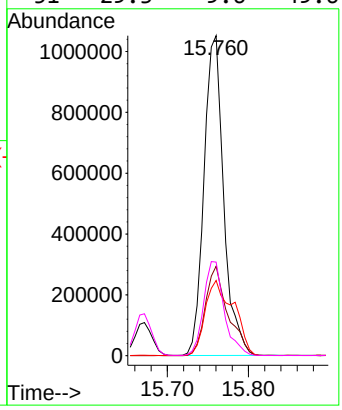


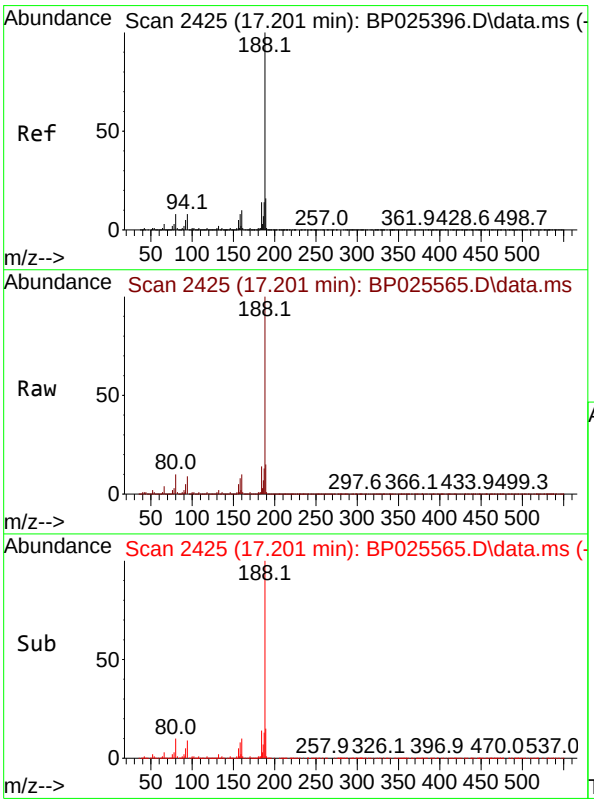
#63
Azobenzene
Concen: 52.665 ng
RT: 15.760 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion: 77 Resp: 1769039

Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.5	47.5
105	23.5	2.1	42.1
51	29.3	9.6	49.6

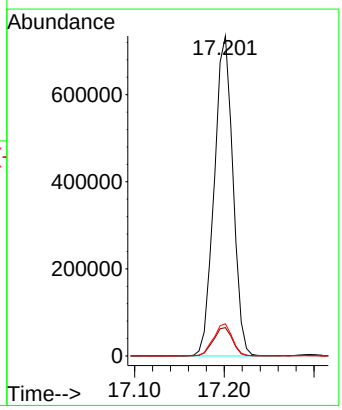


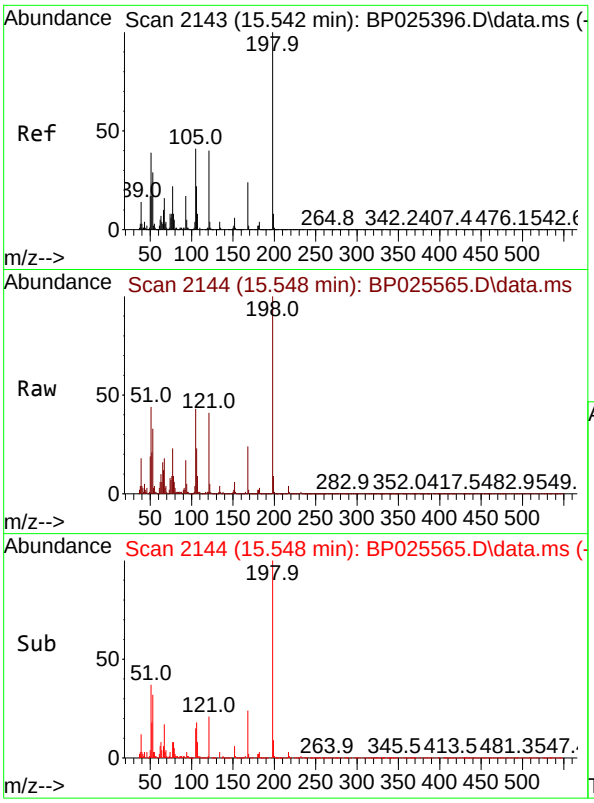


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:188 Resp: 1060871

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	10.1	6.7	10.1



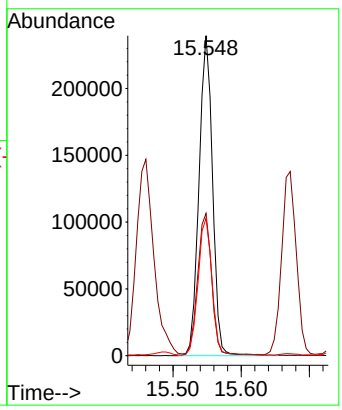


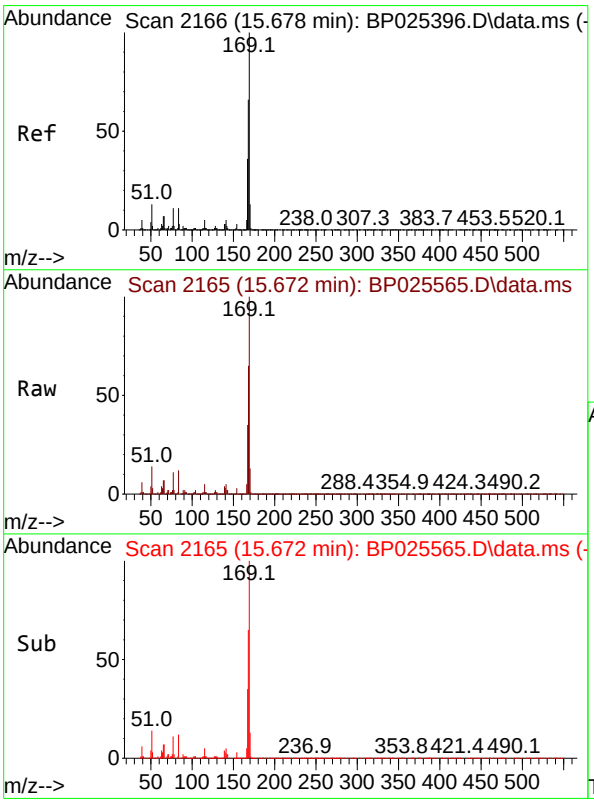
#65
4,6-Dinitro-2-methylphenol
Concen: 49.814 ng
RT: 15.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:198 Resp: 329416

Ion	Ratio	Lower	Upper
198	100		
51	44.5	19.6	59.6
105	43.0	20.9	60.9

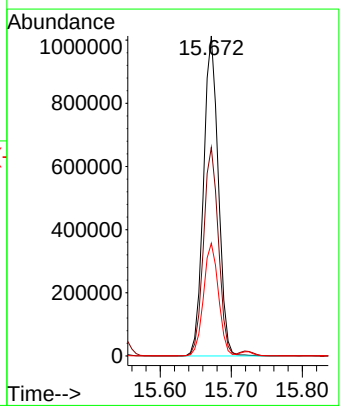


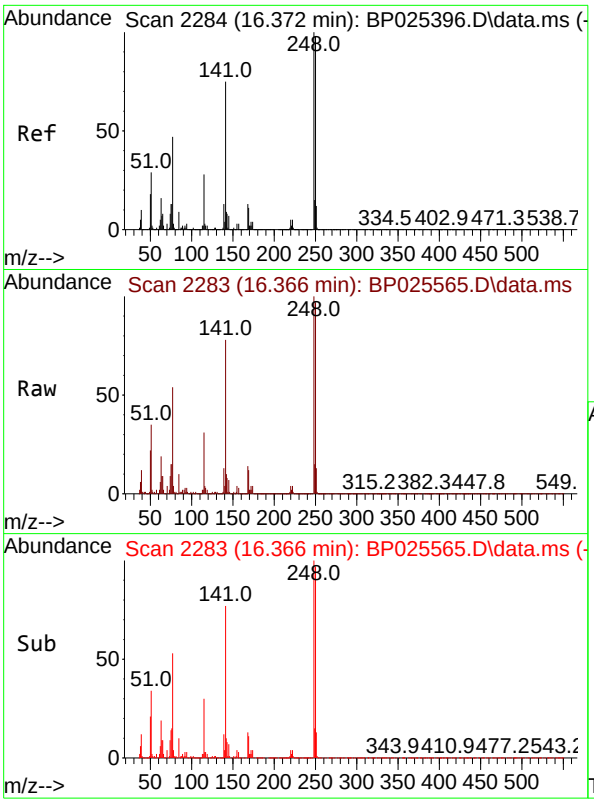


#66
n-Nitrosodiphenylamine
Concen: 45.457 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:169 Resp: 1470562

Ion	Ratio	Lower	Upper
169	100		
168	65.1	53.2	79.8
167	35.2	28.7	43.1



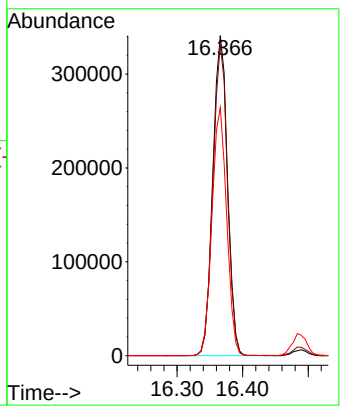


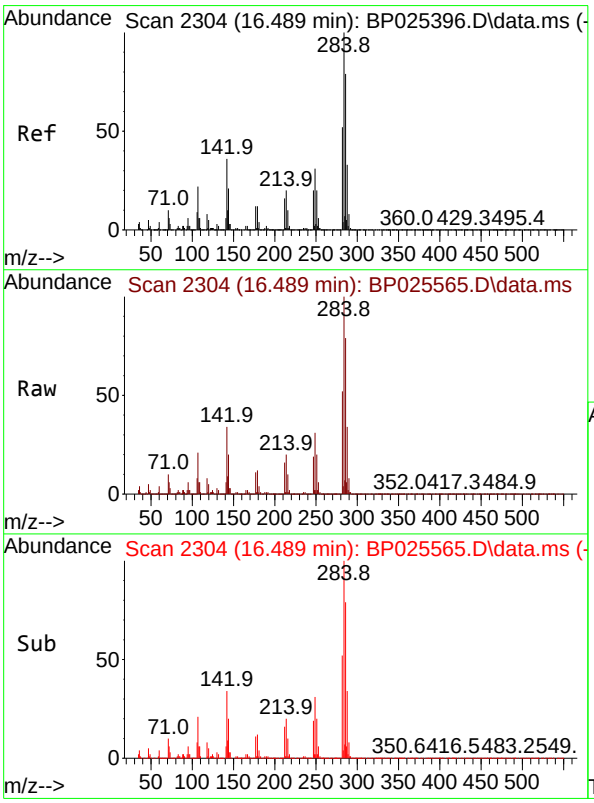
#67
4-Bromophenyl-phenylether
Concen: 45.453 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:248 Resp: 530330

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.2	117.2
141	77.6	59.6	89.4

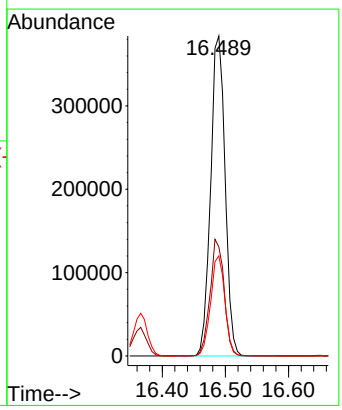


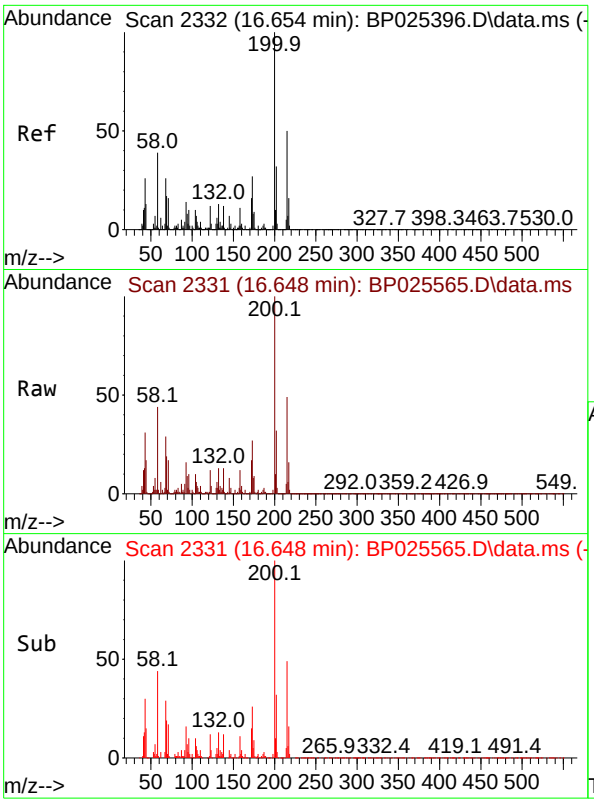


#68
Hexachlorobenzene
Concen: 45.103 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:284 Resp: 610029

Ion	Ratio	Lower	Upper
284	100		
142	34.1	29.1	43.7
249	31.3	25.0	37.4



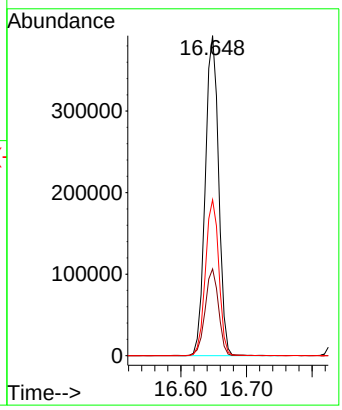


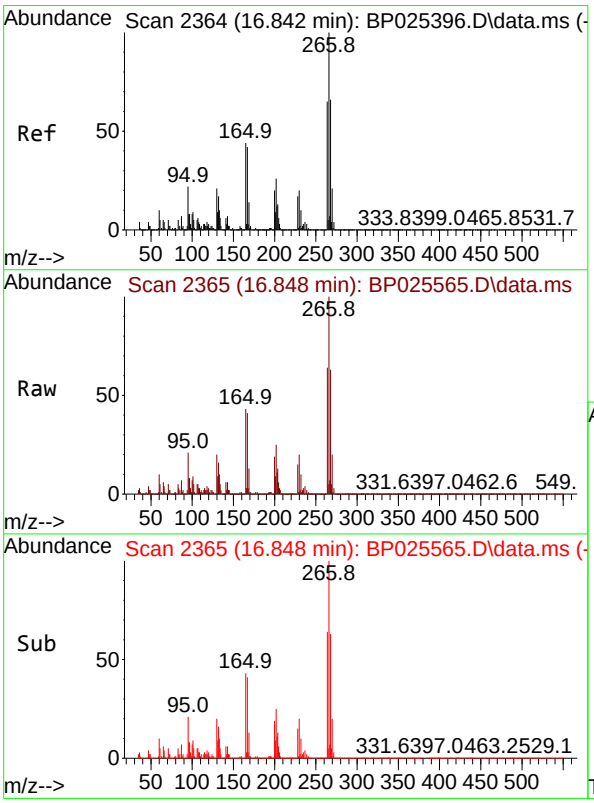
#69
Atrazine
Concen: 45.912 ng
RT: 16.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:200 Resp: 556233

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.7	46.7
215	48.7	29.7	69.7

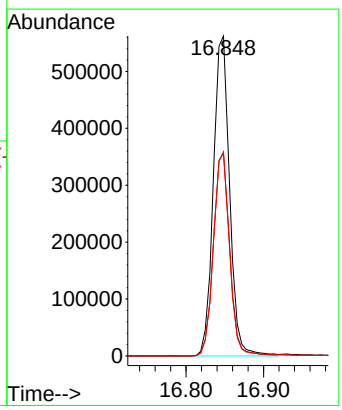


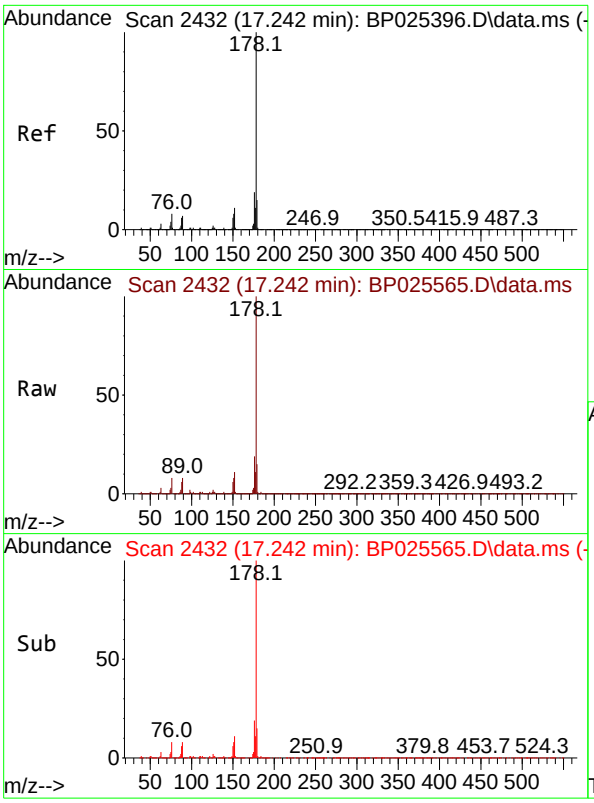


#70
Pentachlorophenol
Concen: 95.852 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:266 Resp: 818363

Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.6	79.0
264	63.8	52.0	78.0



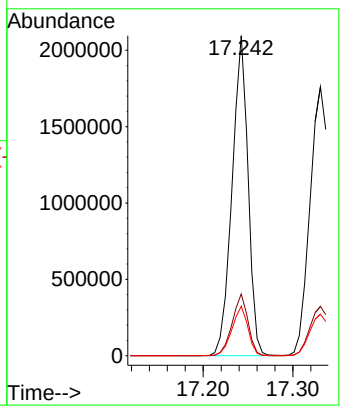


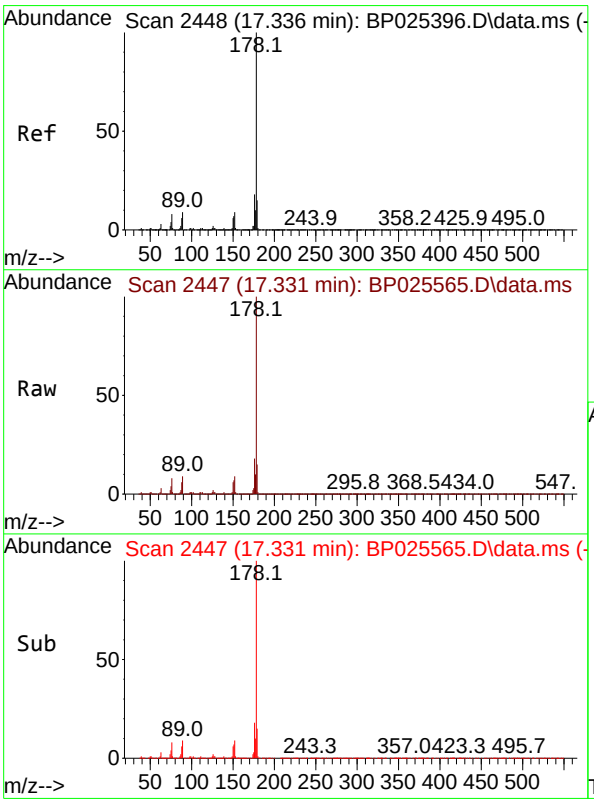
#71
Phenanthrene
Concen: 44.465 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:178 Resp: 2591309

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.2	18.4

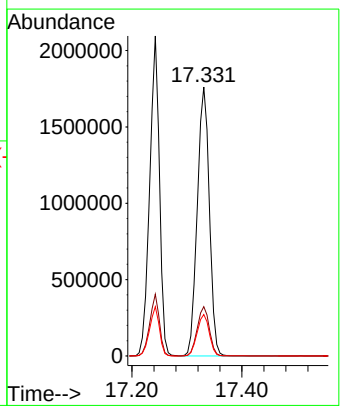


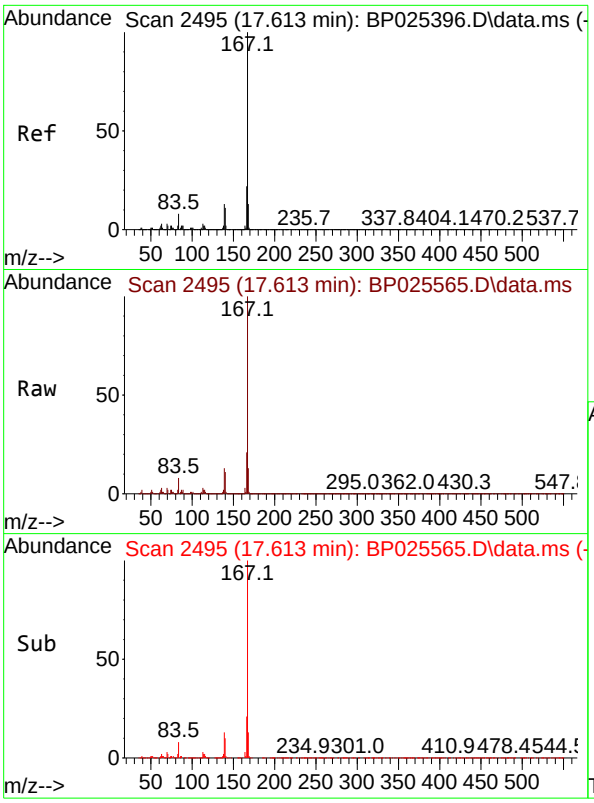


#72
Anthracene
Concen: 45.127 ng
RT: 17.331 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:178 Resp: 2685607

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.4	12.2	18.2



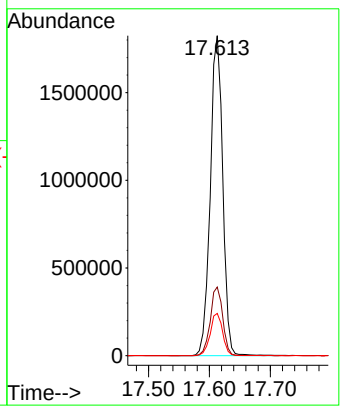


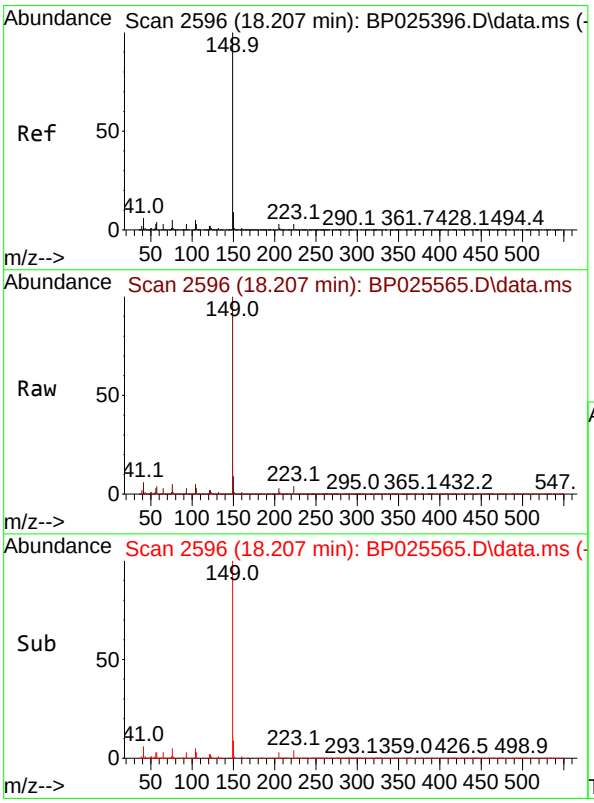
#73
Carbazole
Concen: 46.193 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:167 Resp: 2589392

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.2	10.6	16.0

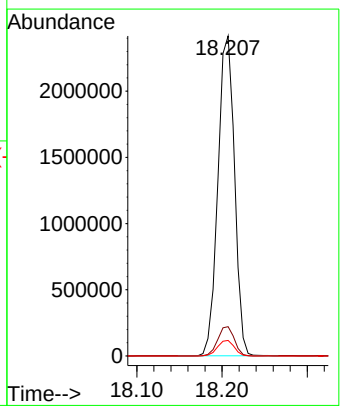


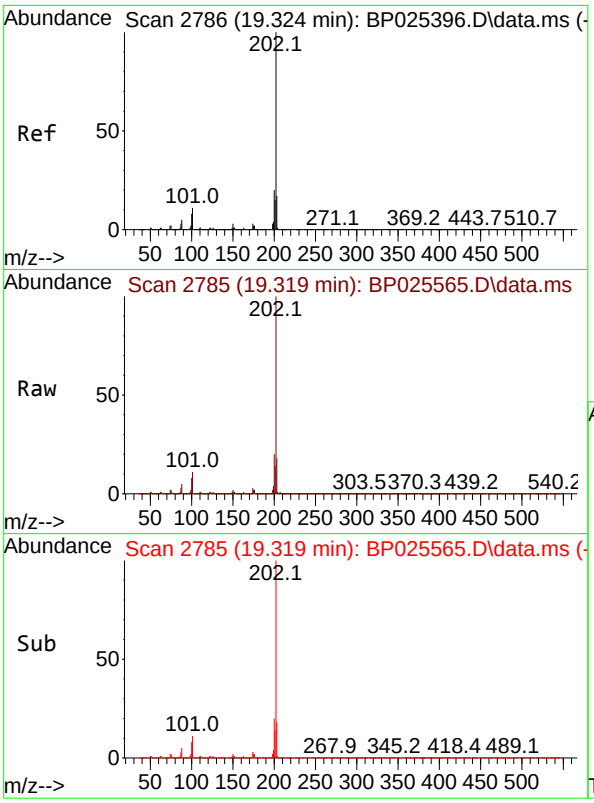


#74
Di-n-butylphthalate
Concen: 47.491 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:149 Resp: 3275337

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.9	4.2	6.2



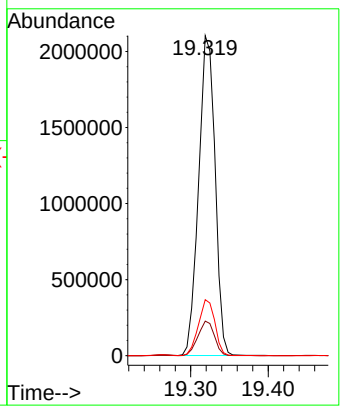


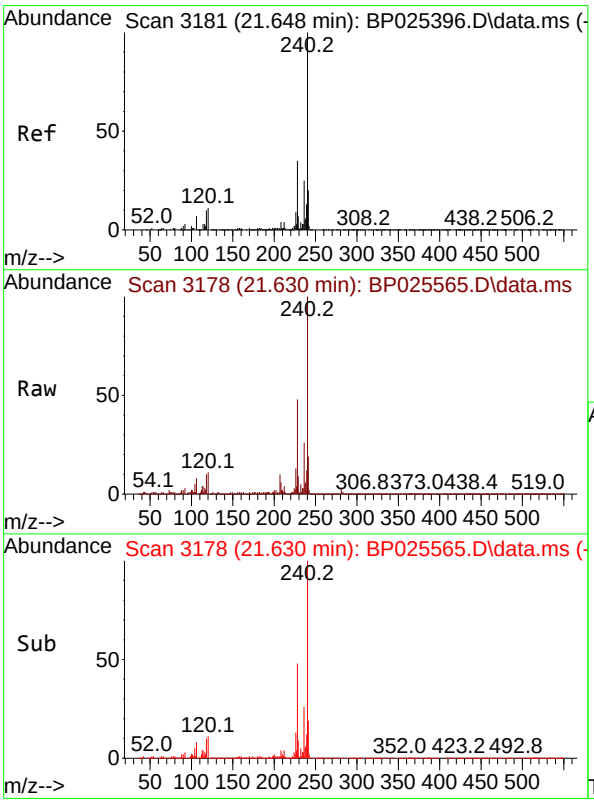
#75
Fluoranthene
Concen: 44.648 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:202 Resp: 3103657

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.1
203	17.5	0.0	37.3

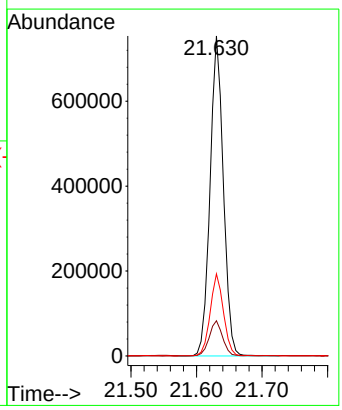


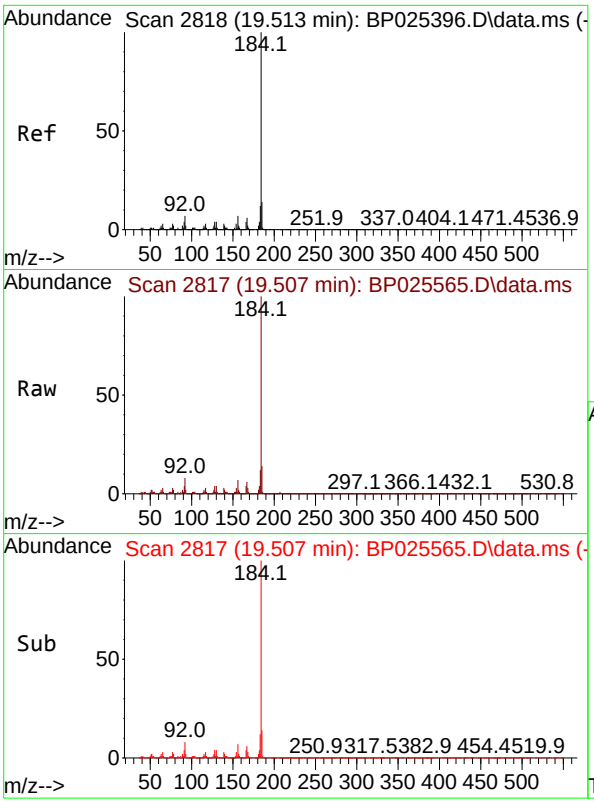


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:240 Resp: 1061845

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.7	19.8	29.8



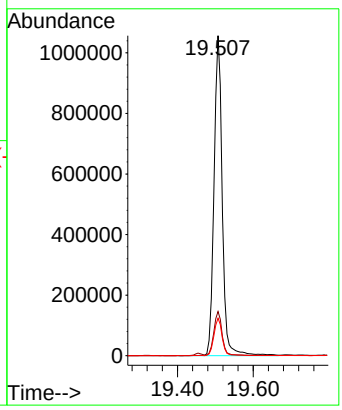


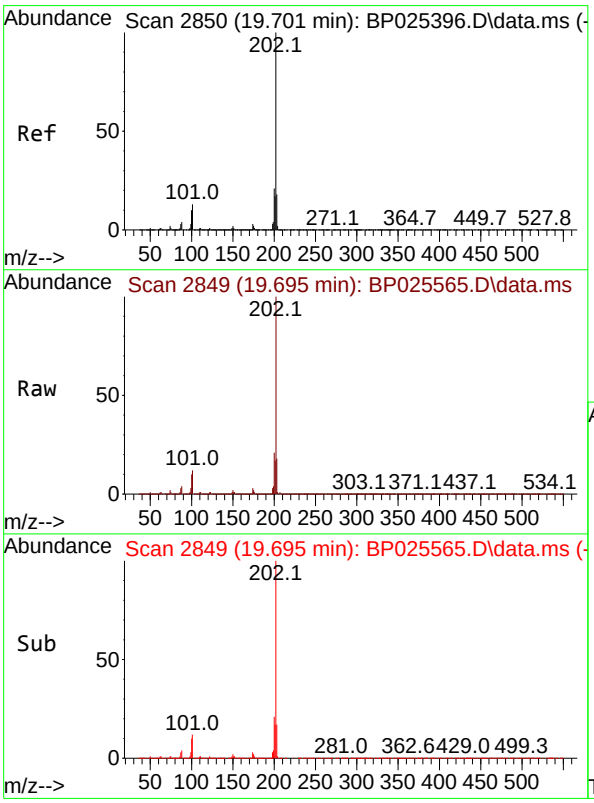
#77
Benzidine
Concen: 43.696 ng
RT: 19.507 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:184 Resp: 1583483

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	11.7	9.4	14.2

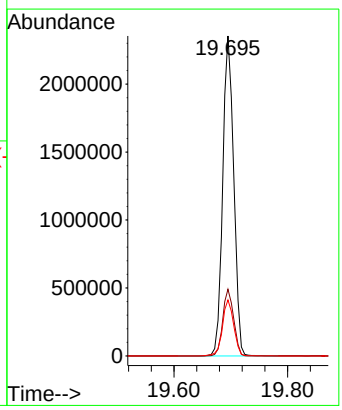


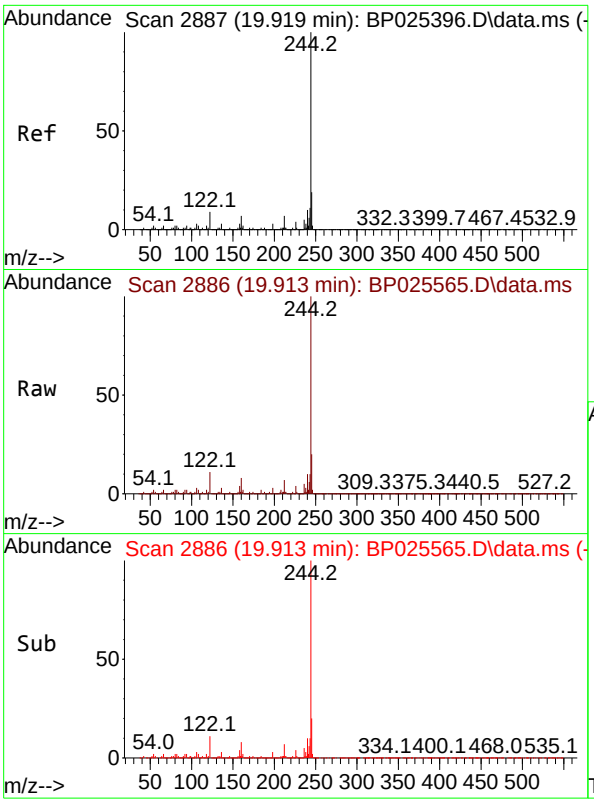


#78
Pyrene
Concen: 46.073 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:202 Resp: 3179817

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.5	14.2	21.2



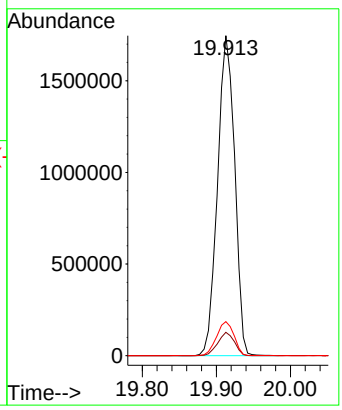


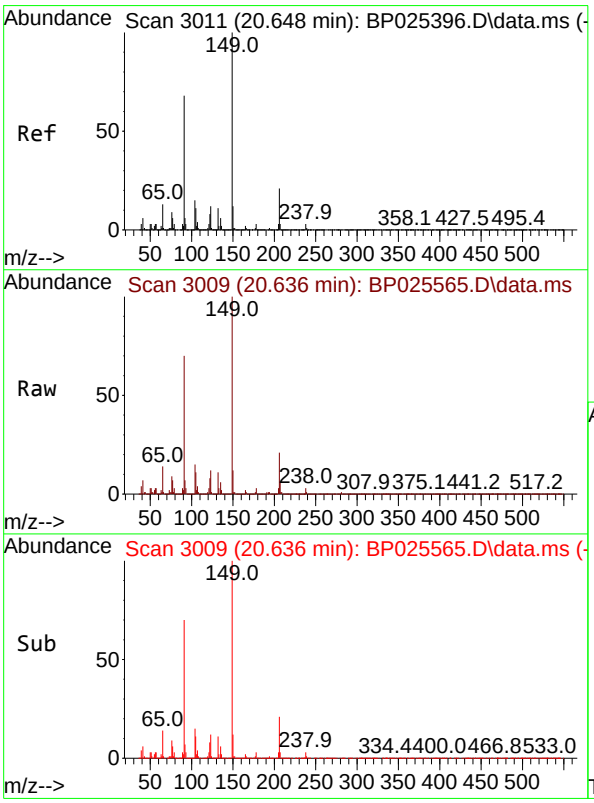
#79
Terphenyl-d14
Concen: 48.350 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:244 Resp: 2806127

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.7	7.4	11.2

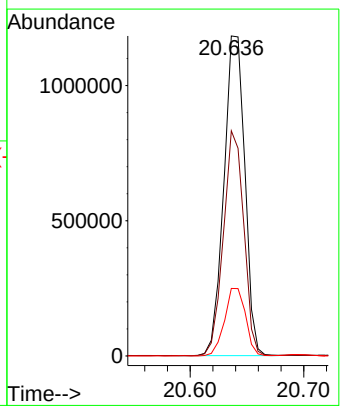


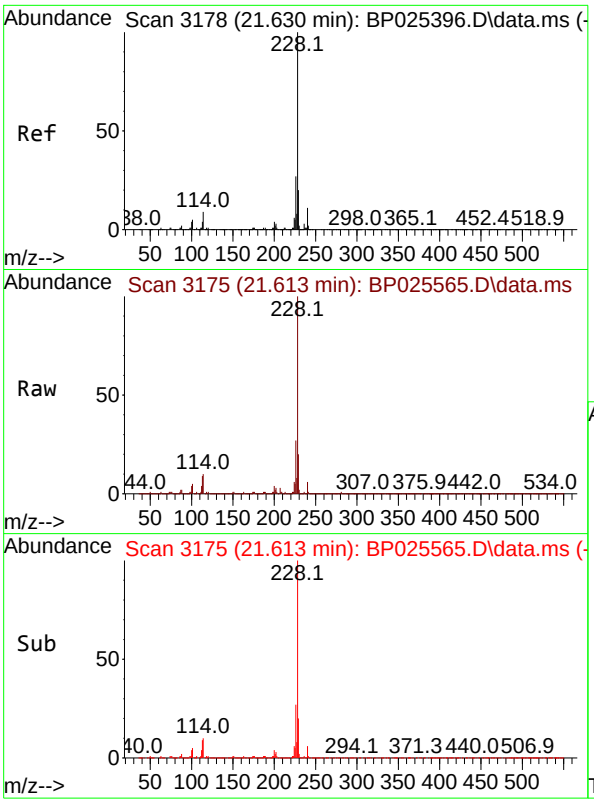


#80
Butylbenzylphthalate
Concen: 48.566 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:149 Resp: 1519100

Ion	Ratio	Lower	Upper
149	100		
91	70.3	54.2	81.2
206	21.1	16.6	24.8



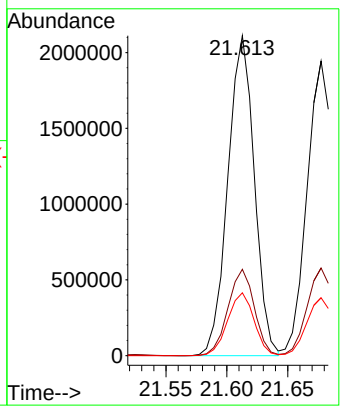


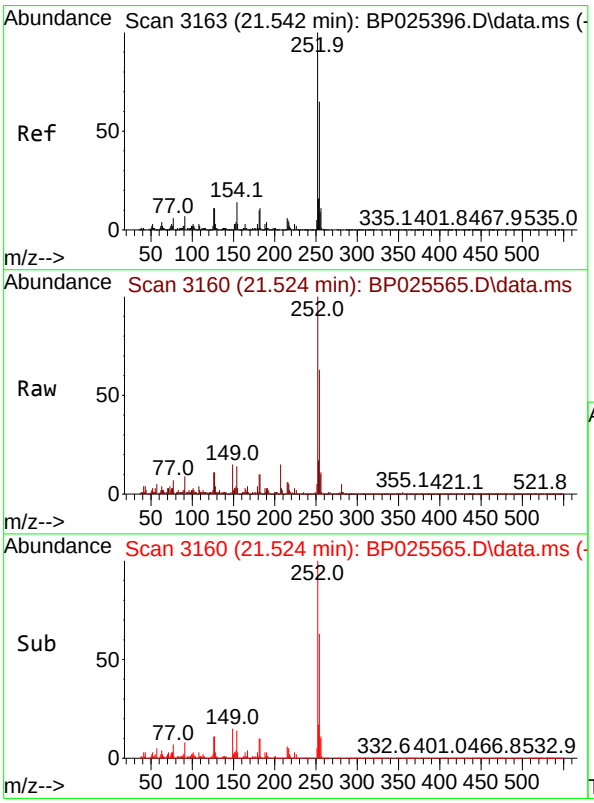
#81
Benzo(a)anthracene
Concen: 45.624 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:228 Resp: 3194973

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.6	15.6	23.4

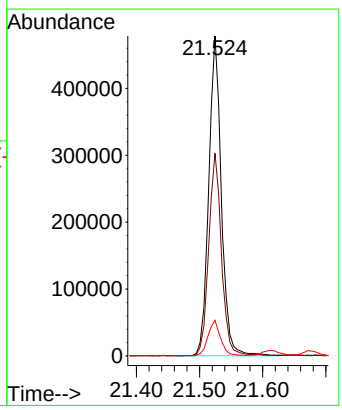


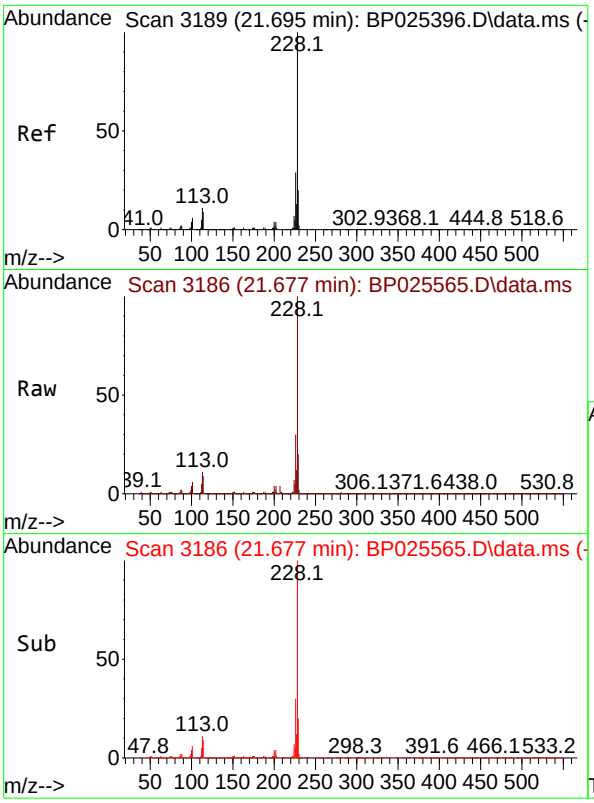


#82
3,3'-Dichlorobenzidine
Concen: 25.158 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:252 Resp: 664050

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.8	77.6
126	11.2	9.1	13.7



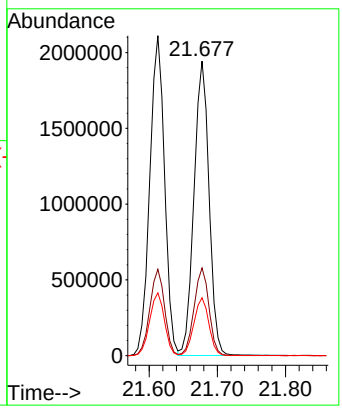


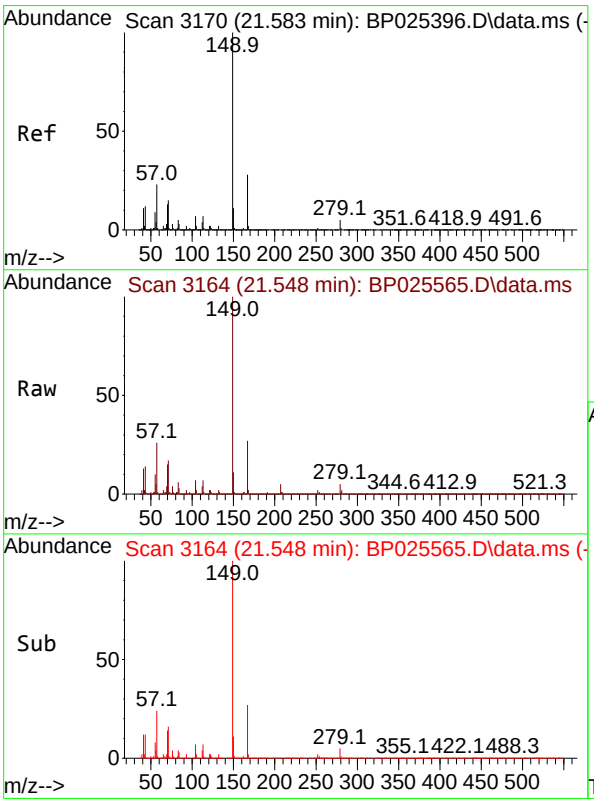
#83
Chrysene
Concen: 45.344 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:228 Resp: 2973777

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	19.7	15.6	23.4

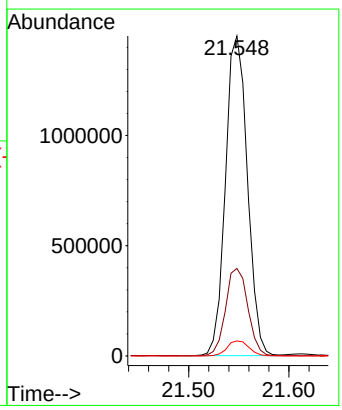


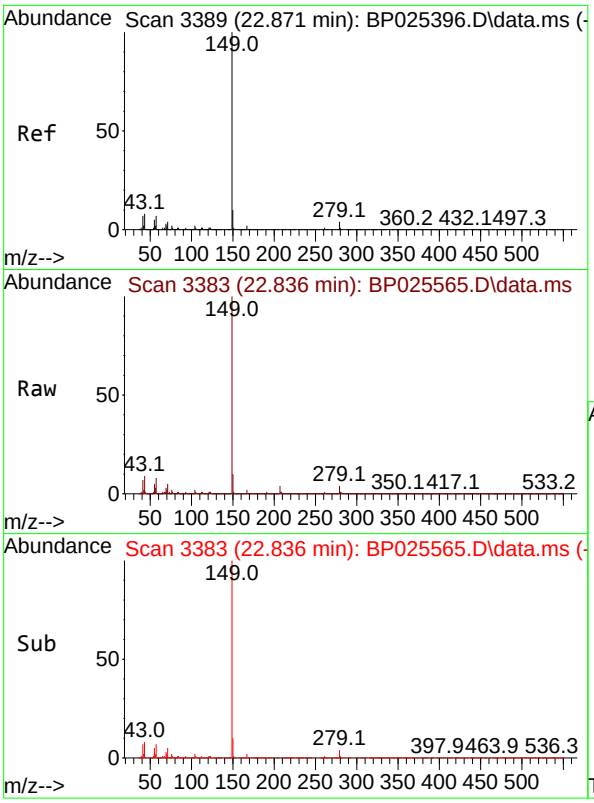


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.866 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.035 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:149 Resp: 2203948

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	4.7	3.8	5.6



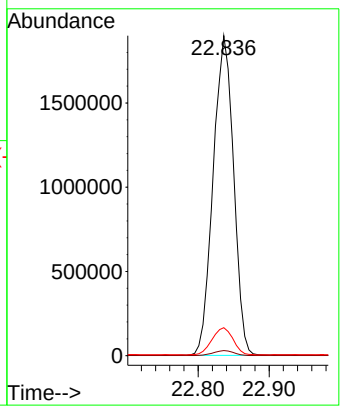


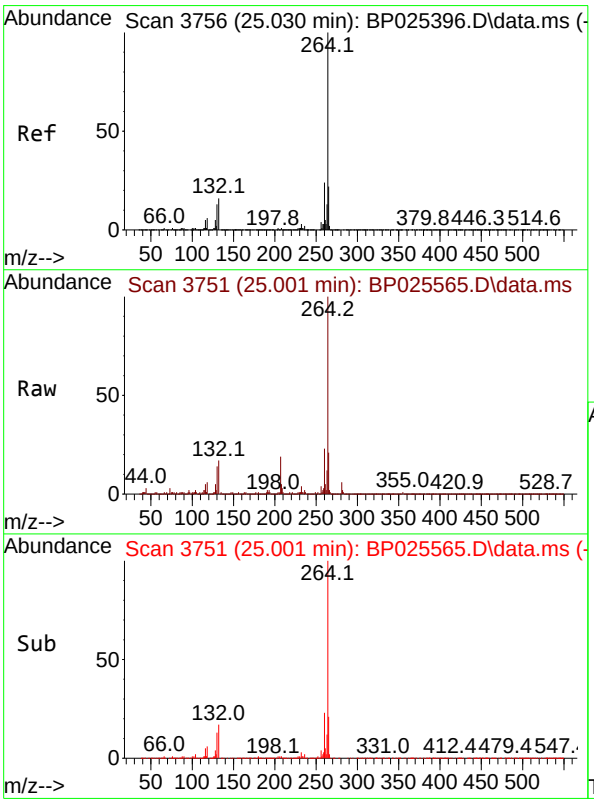
#85
Di-n-octyl phthalate
Concen: 47.821 ng
RT: 22.836 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:149 Resp: 3787383

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.6	6.3	9.5

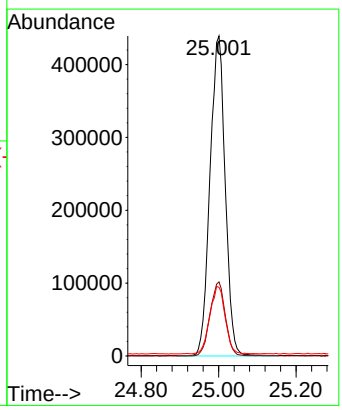


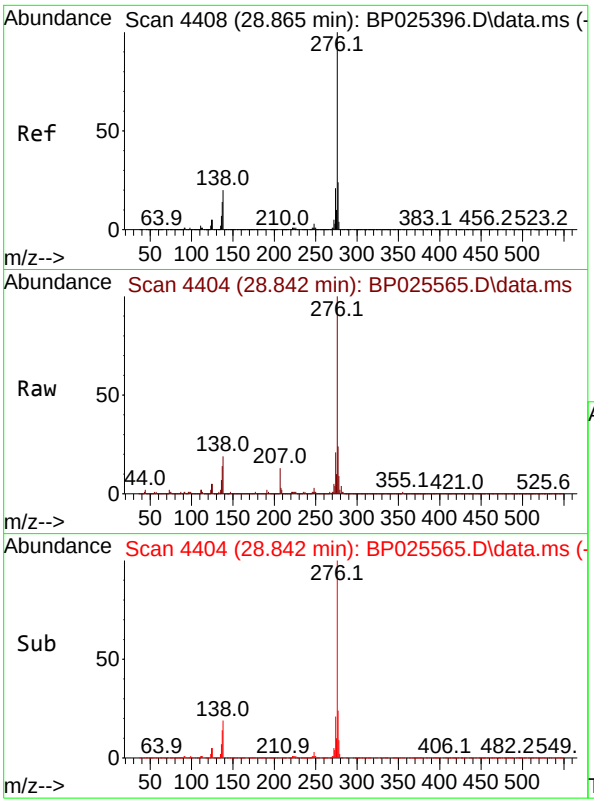


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:264 Resp: 1196731

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.5	17.4	26.0



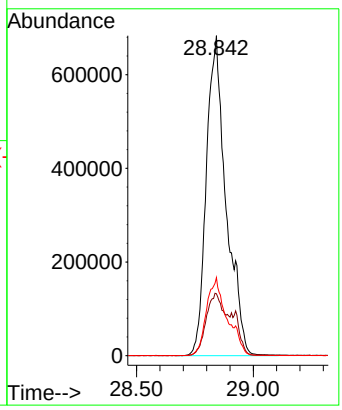


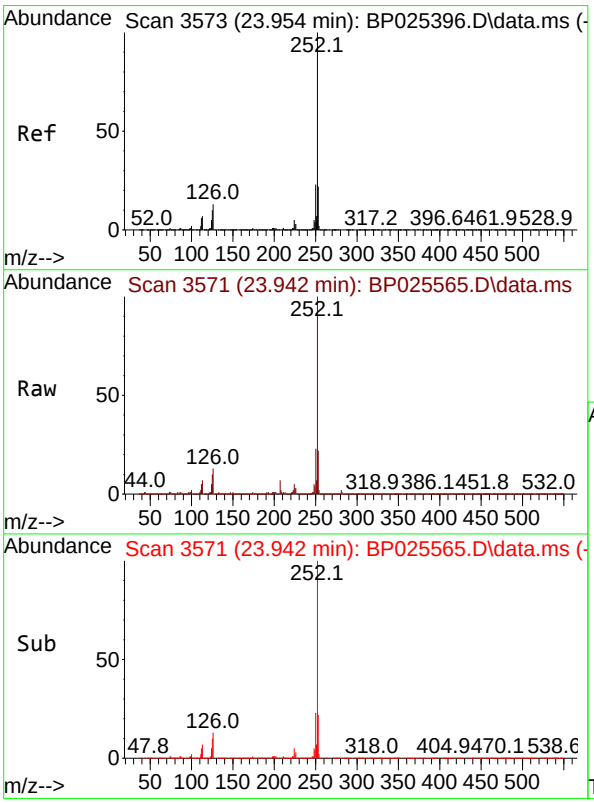
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.863 ng
RT: 28.842 min Scan# 44
Delta R.T. -0.023 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:276 Resp: 4025080

Ion	Ratio	Lower	Upper
276	100		
138	18.9	12.9	19.3
277	25.4	17.0	25.6

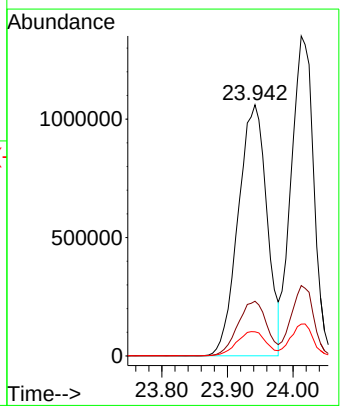


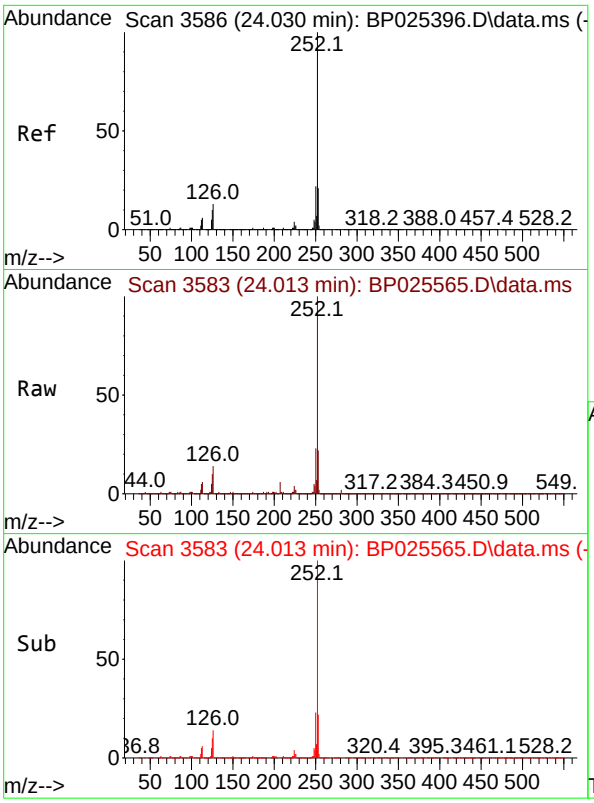


#88
Benzo(b)fluoranthene
Concen: 45.881 ng
RT: 23.942 min Scan# 3571
Delta R.T. -0.012 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:252 Resp: 3237700

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.6	7.9	11.9



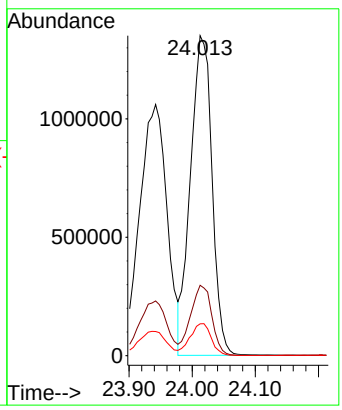


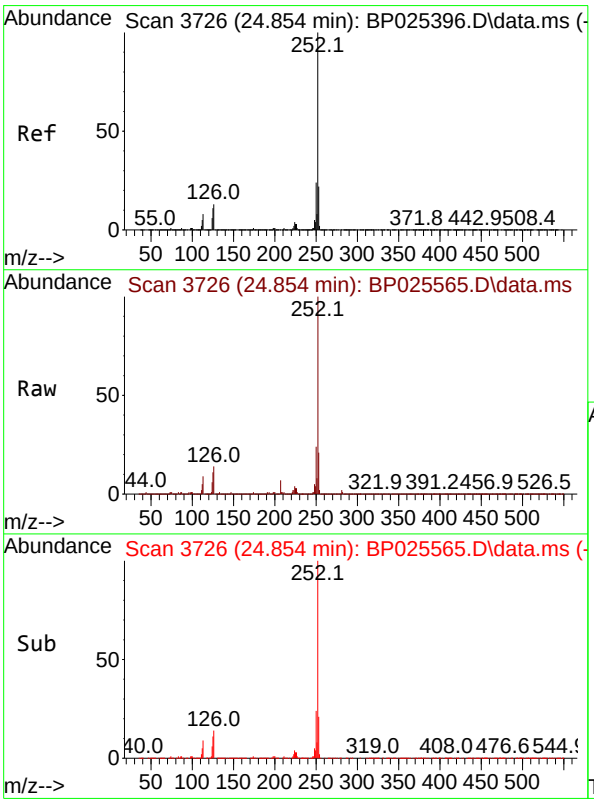
#89
Benzo(k)fluoranthene
Concen: 45.352 ng
RT: 24.013 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:252 Resp: 3202545

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.0	7.8	11.6

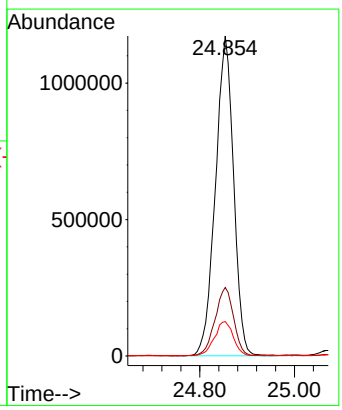


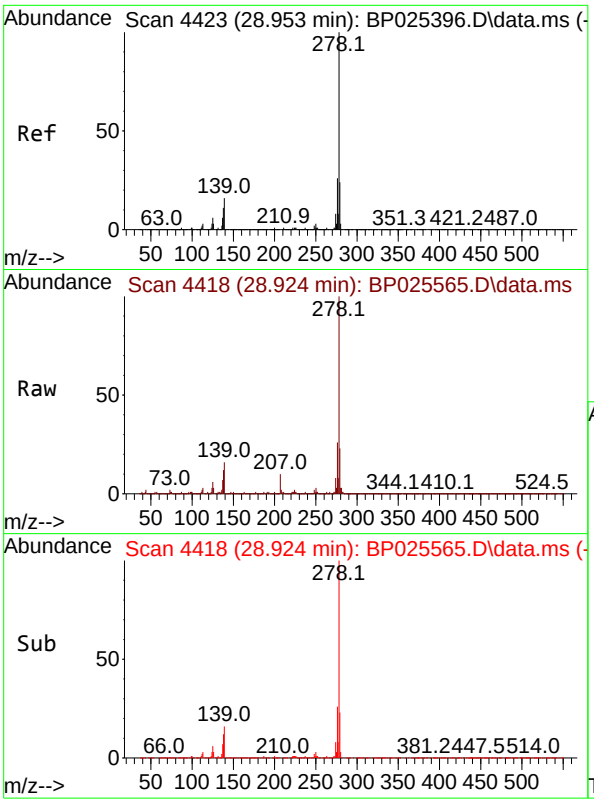


#90
Benzo(a)pyrene
Concen: 45.429 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:252 Resp: 3120605

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	10.8	8.7	13.1



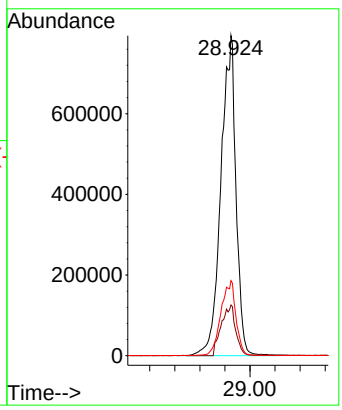


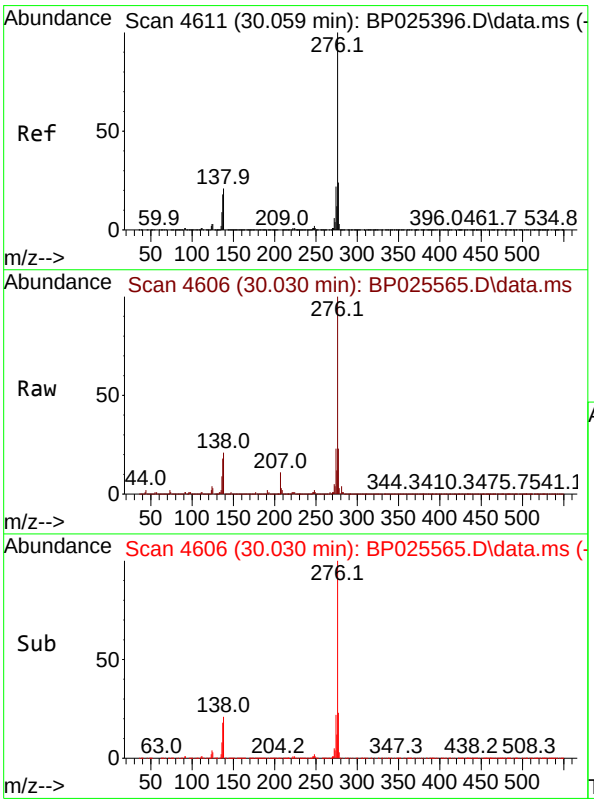
#91
Dibenzo(a,h)anthracene
Concen: 46.114 ng
RT: 28.924 min Scan# 44
Delta R.T. -0.029 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMS

Tgt Ion:278 Resp: 3307356

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.0	19.4
279	23.5	19.4	29.2

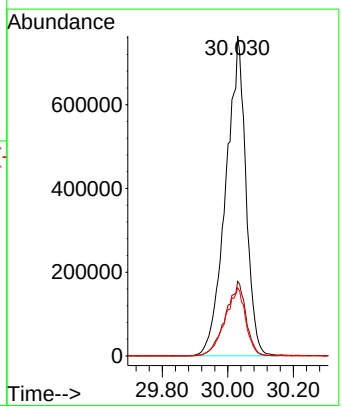




#92
Benzo(g,h,i)perylene
Concen: 45.972 ng
RT: 30.030 min Scan# 4606
Delta R.T. -0.029 min
Lab File: BP025565.D
Acq: 25 Aug 2025 15:02

Tgt Ion:276 Resp: 3241073

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	21.3	16.7	25.1



Raw Data: **BP025566.D**

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

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	29-SEPTICMSD	SDG No.:	Q2928
Lab Sample ID:	Q2933-04MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025566.D	1	08/25/25 08:55	08/25/25 15:43	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	590		110	230	ug/Kg
108-95-2	Phenol	1100		15.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		16.9	120	ug/Kg
95-57-8	2-Chlorophenol	1000		16.9	120	ug/Kg
95-48-7	2-Methylphenol	1000		20.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		26.0	120	ug/Kg
98-86-2	Acetophenone	1000		20.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		28.5	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	940		32.9	55.5	ug/Kg
67-72-1	Hexachloroethane	1000		12.2	120	ug/Kg
98-95-3	Nitrobenzene	1000		12.7	120	ug/Kg
78-59-1	Isophorone	990		22.8	120	ug/Kg
88-75-5	2-Nitrophenol	1100		40.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		45.0	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		21.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		19.6	120	ug/Kg
91-20-3	Naphthalene	1000		15.8	120	ug/Kg
106-47-8	4-Chloroaniline	330		24.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	990		17.6	120	ug/Kg
105-60-2	Caprolactam	1000		36.2	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		19.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	990		17.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	E	80.5	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		13.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		20.2	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		15.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.6	120	ug/Kg
88-74-4	2-Nitroaniline	1100		33.4	120	ug/Kg
131-11-3	Dimethylphthalate	1100		18.8	120	ug/Kg

Raw Data: **BP025566.D**

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

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	29-SEPTICMSD	SDG No.:	Q2928
Lab Sample ID:	Q2933-04MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025566.D	1	08/25/25 08:55	08/25/25 15:43	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1000		20.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		23.3	120	ug/Kg
99-09-2	3-Nitroaniline	590		31.9	120	ug/Kg
83-32-9	Acenaphthene	1000		14.8	120	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	160	230	ug/Kg
100-02-7	4-Nitrophenol	2300	E	74.3	230	ug/Kg
132-64-9	Dibenzofuran	1000		15.8	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		34.8	120	ug/Kg
84-66-2	Diethylphthalate	1100		19.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		18.5	120	ug/Kg
86-73-7	Fluorene	1000		17.6	120	ug/Kg
100-01-6	4-Nitroaniline	1100		44.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		71.5	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		22.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		19.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		17.6	120	ug/Kg
1912-24-9	Atrazine	1100		23.6	120	ug/Kg
87-86-5	Pentachlorophenol	2200	E	35.6	230	ug/Kg
85-01-8	Phenanthrene	1000		14.5	120	ug/Kg
120-12-7	Anthracene	1000		23.1	120	ug/Kg
86-74-8	Carbazole	1000		21.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		33.2	120	ug/Kg
206-44-0	Fluoranthene	1000		20.8	120	ug/Kg
129-00-0	Pyrene	1000		25.0	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		49.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570		25.5	230	ug/Kg
56-55-3	Benzo(a)anthracene	1000		16.0	120	ug/Kg
218-01-9	Chrysene	1000		13.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		41.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		60.3	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		13.2	120	ug/Kg

Raw Data: **BP025566.D**

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

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	29-SEPTICMSD	SDG No.:	Q2928
Lab Sample ID:	Q2933-04MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025566.D	1	08/25/25 08:55	08/25/25 15:43	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		15.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	1000		20.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		20.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		19.0	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		17.8	120	ug/Kg
123-91-1	1,4-Dioxane	880		31.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		19.0	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	81.5		18 - 112	54%	SPK: 150
13127-88-3	Phenol-d6	83.8		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.4		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.4		20 - 109	40%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.4		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	46.6		10 - 105	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	194000	7.772			
1146-65-2	Naphthalene-d8	771000	10.543			
15067-26-2	Acenaphthene-d10	477000	14.395			
1517-22-2	Phenanthrene-d10	981000	17.195			
1719-03-5	Chrysene-d12	1040000	21.636			
1520-96-3	Perylene-d12	1160000	24.995			

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\BP082525\
Data File : BP025566.D
Acq On : 25 Aug 2025 15:43
Operator : CG/JU
Sample : Q2933-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Quant Time: Aug 25 16:04:56 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	7.772	152	194167	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	771161	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	477098	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	981275	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1041821	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1158707	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	952894	81.500	ng	-0.01
7) Phenol-d6	6.961	99	1256886	83.848	ng	0.00
23) Nitrobenzene-d5	8.913	82	707395	46.403	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	535293	83.356	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1409740	40.383	ng	-0.02
79) Terphenyl-d14	19.919	244	2653819	46.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	174186	38.035	ng	96
3) Pyridine	3.720	79	484707	38.668	ng	97
4) n-Nitrosodimethylamine	3.625	42	233030	45.093	ng	100
6) Aniline	7.108	93	500698	24.791	ng	98
8) 2-Chlorophenol	7.349	128	596027	45.175	ng	97
9) Benzaldehyde	6.925	77	268159	25.534	ng	98
10) Phenol	6.984	94	721515	45.871	ng	99
11) bis(2-Chloroethyl)ether	7.202	93	532645	43.447	ng	98
12) 1,3-Dichlorobenzene	7.660	146	625184	42.973	ng	98
13) 1,4-Dichlorobenzene	7.813	146	637020	42.839	ng	98
14) 1,2-Dichlorobenzene	8.125	146	608991	42.308	ng	99
15) Benzyl Alcohol	8.008	79	515496	43.281	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.290	45	732315	44.590	ng	97
17) 2-Methylphenol	8.213	107	483801	44.287	ng	99
18) Hexachloroethane	8.843	117	237828	43.500	ng	98
19) n-Nitroso-di-n-propyla...	8.572	70	405023	40.792	ng	98
20) 3+4-Methylphenols	8.537	107	659057	43.523	ng	98
22) Acetophenone	8.584	105	846071	43.749	ng	99
24) Nitrobenzene	8.955	77	604557	44.373	ng	98
25) Isophorone	9.484	82	1150684	42.651	ng	99
26) 2-Nitrophenol	9.660	139	322149	46.073	ng	97
27) 2,4-Dimethylphenol	9.725	122	551731	45.884	ng	99
28) bis(2-Chloroethoxy)met...	9.954	93	705647	43.269	ng	98
29) 2,4-Dichlorophenol	10.196	162	548335	45.905	ng	99
30) 1,2,4-Trichlorobenzene	10.407	180	565476	43.185	ng	98
31) Naphthalene	10.596	128	1739416	43.397	ng	99
32) Benzoic acid	9.878	122	432780	48.751	ng	96
33) 4-Chloroaniline	10.696	127	250502	14.149	ng	98
34) Hexachlorobutadiene	10.878	225	349120	42.812	ng	98
35) Caprolactam	11.484	113	194679	44.447	ng	95
36) 4-Chloro-3-methylphenol	11.825	107	616152	44.953	ng	99
37) 2-Methylnaphthalene	12.196	142	1113567	42.692	ng	99
38) 1-Methylnaphthalene	12.419	142	1152934	41.563	ng	99
40) 1,2,4,5-Tetrachloroben...	12.566	216	628176	45.589	ng	99
41) Hexachlorocyclopentadiene	12.548	237	714543	85.850	ng	99
43) 2,4,6-Trichlorophenol	12.807	196	447656	48.123	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025566.D
Acq On : 25 Aug 2025 15:43
Operator : CG/JU
Sample : Q2933-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Quant Time: Aug 25 16:04:56 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

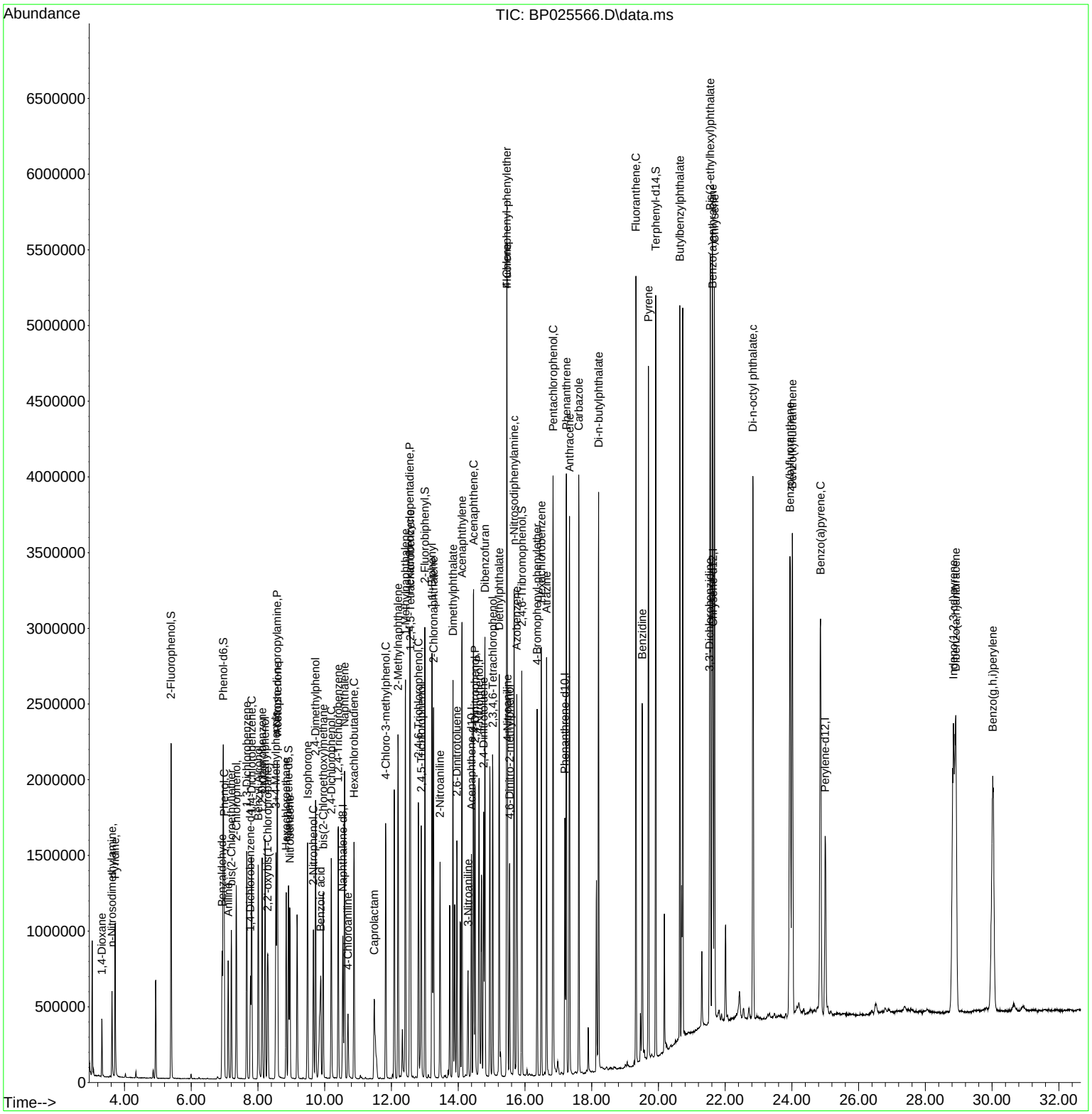
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	492053	48.263	ng	96
46) 1,1'-Biphenyl	13.213	154	1592453	45.959	ng	99
47) 2-Chloronaphthalene	13.260	162	1218201	45.161	ng	99
48) 2-Nitroaniline	13.454	65	385301	49.022	ng	99
49) Acenaphthylene	14.113	152	2021339	45.286	ng	99
50) Dimethylphthalate	13.843	163	1587113	45.427	ng	100
51) 2,6-Dinitrotoluene	13.960	165	354324	48.117	ng	96
52) Acenaphthene	14.460	154	1153338	44.021	ng	100
53) 3-Nitroaniline	14.295	138	209910	25.336	ng	94
54) 2,4-Dinitrophenol	14.507	184	456791	116.159	ng	96
55) Dibenzofuran	14.801	168	1847793	44.609	ng	98
56) 4-Nitrophenol	14.625	139	687231	100.944	ng	98
57) 2,4-Dinitrotoluene	14.760	165	510206	48.562	ng	97
58) Fluorene	15.460	166	1457490	44.592	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.037	232	430559	47.828	ng	99
60) Diethylphthalate	15.231	149	1674080	47.157	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	718739	44.215	ng	99
62) 4-Nitroaniline	15.478	138	389666	45.878	ng	99
63) Azobenzene	15.754	77	1607047	52.868	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	298793	48.848	ng	93
66) n-Nitrosodiphenylamine	15.672	169	1345679	44.971	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	482512	44.709	ng	97
68) Hexachlorobenzene	16.489	284	547409	43.756	ng	99
69) Atrazine	16.648	200	518208	46.243	ng	99
70) Pentachlorophenol	16.842	266	759126	96.126	ng	99
71) Phenanthrene	17.242	178	2410457	44.717	ng	99
72) Anthracene	17.336	178	2476625	44.991	ng	100
73) Carbazole	17.613	167	2351976	45.361	ng	99
74) Di-n-butylphthalate	18.207	149	3059800	47.965	ng	100
75) Fluoranthene	19.325	202	2891120	44.964	ng	99
77) Benzidine	19.513	184	1585871	44.603	ng	99
78) Pyrene	19.701	202	3011186	44.468	ng	99
80) Butylbenzylphthalate	20.642	149	1468810	47.861	ng	98
81) Benzo(a)anthracene	21.619	228	3095658	45.055	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	641046	24.753	ng	99
83) Chrysene	21.677	228	2884738	44.832	ng	98
84) Bis(2-ethylhexyl)phtha...	21.554	149	2169321	48.019	ng	99
85) Di-n-octyl phthalate	22.830	149	3767003	48.478	ng	99
87) Indeno(1,2,3-cd)pyrene	28.842	276	3846073	45.261	ng	93
88) Benzo(b)fluoranthene	23.942	252	3192995	46.732	ng	99
89) Benzo(k)fluoranthene	24.013	252	3145757	46.009	ng	99
90) Benzo(a)pyrene	24.860	252	2993187	45.004	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	3161289	45.524	ng	99
92) Benzo(g,h,i)perylene	30.018	276	3129365	45.844	ng	100

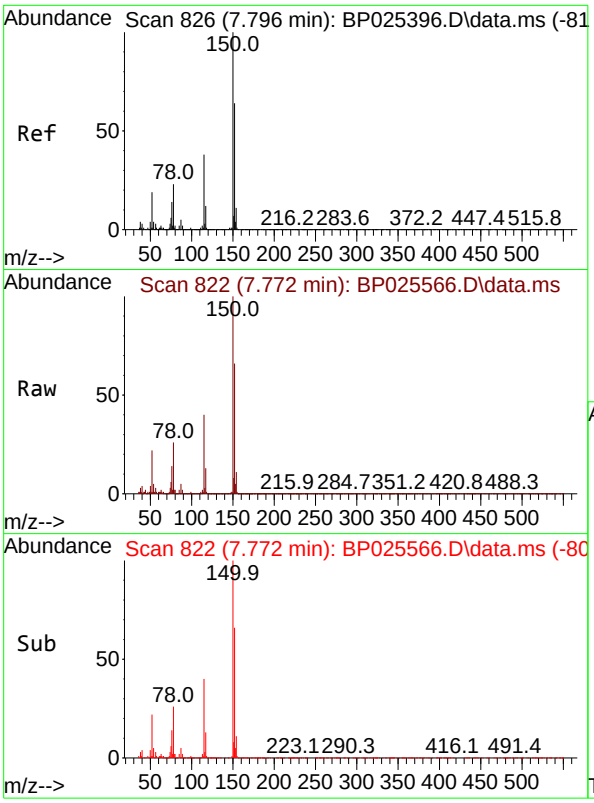
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025566.D
Acq On : 25 Aug 2025 15:43
Operator : CG/JU
Sample : Q2933-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Quant Time: Aug 25 16:04:56 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



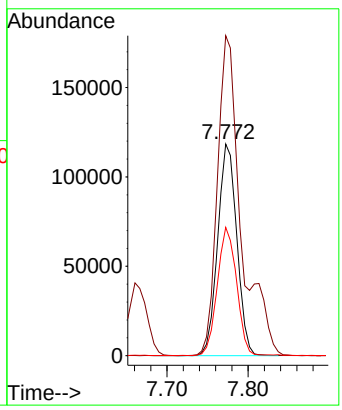


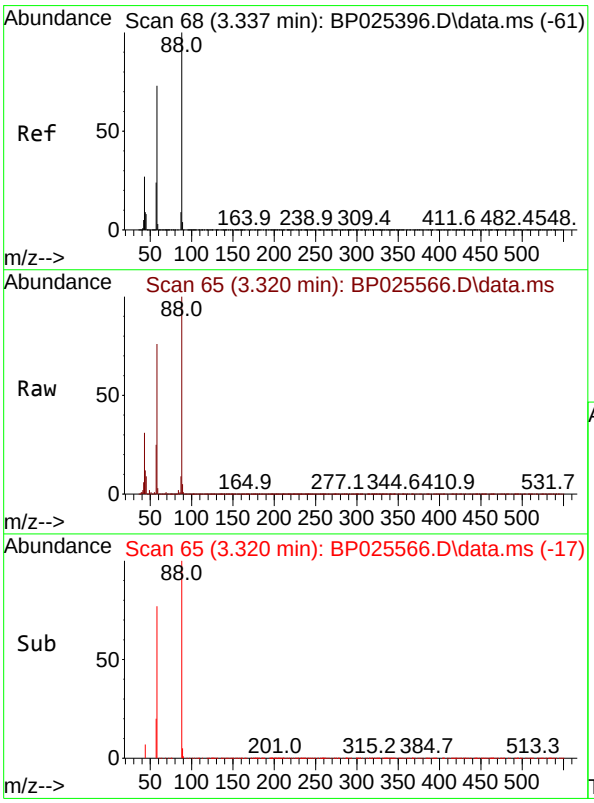
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:152 Resp: 194167

Ion	Ratio	Lower	Upper
152	100		
150	151.2	125.9	188.9
115	60.7	48.5	72.7

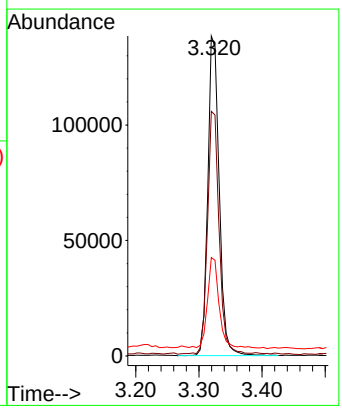


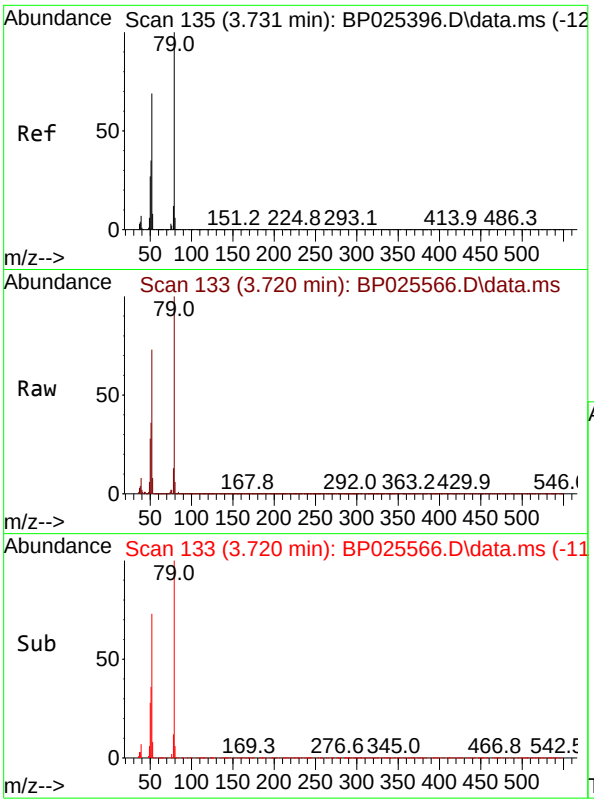


#2
1,4-Dioxane
Concen: 38.035 ng
RT: 3.320 min Scan# 65
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 88 Resp: 174186

Ion	Ratio	Lower	Upper
88	100		
58	76.4	59.2	88.8
43	29.8	21.7	32.5



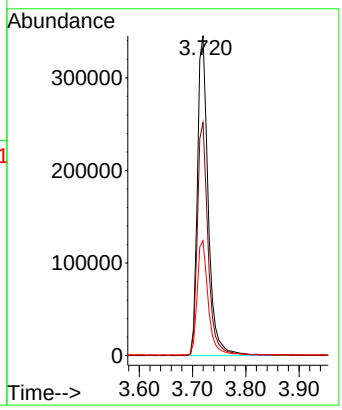


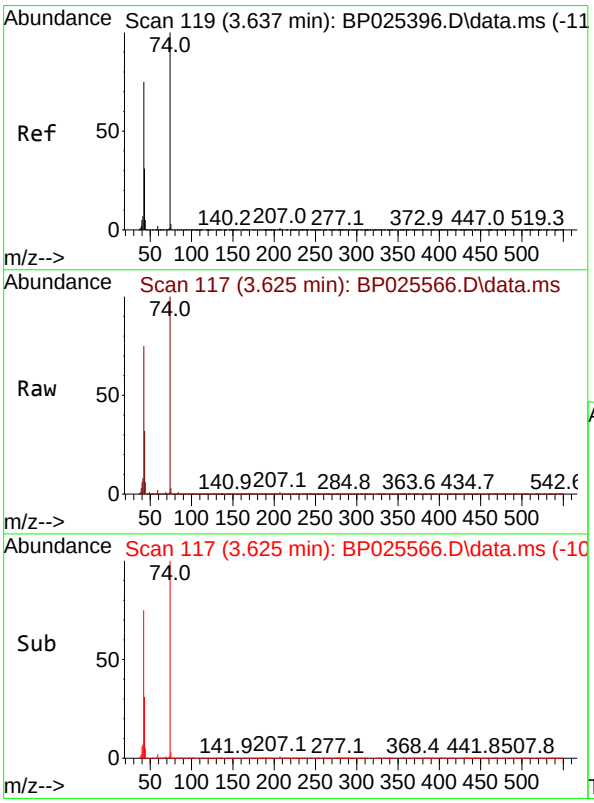
#3
Pyridine
Concen: 38.668 ng
RT: 3.720 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion: 79 Resp: 484707

Ion	Ratio	Lower	Upper
79	100		
52	72.8	55.5	83.3
51	36.0	28.3	42.5

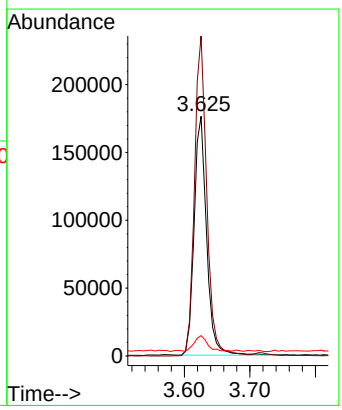


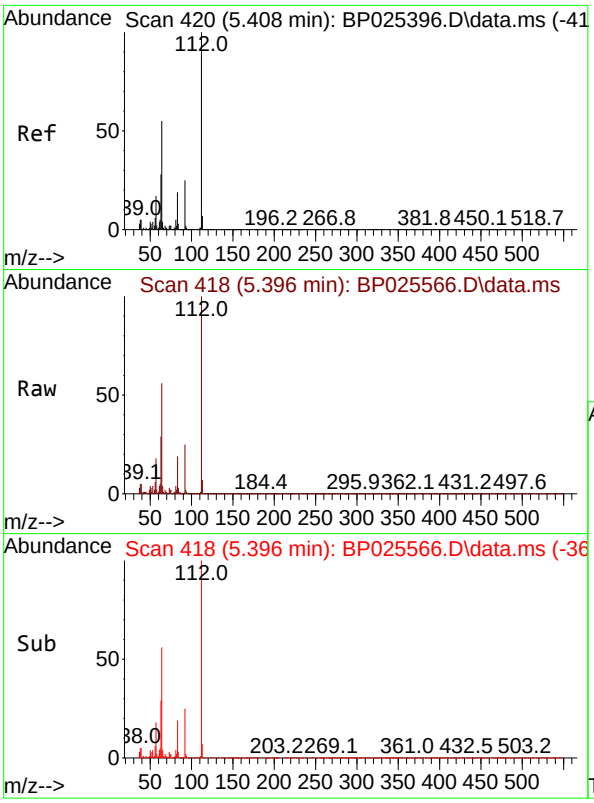


#4
n-Nitrosodimethylamine
Concen: 45.093 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 42 Resp: 233030

Ion	Ratio	Lower	Upper
42	100		
74	133.5	107.0	160.4
44	8.5	6.2	9.4



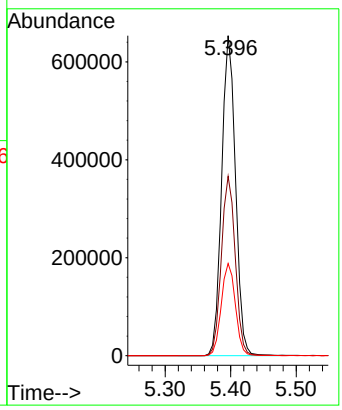


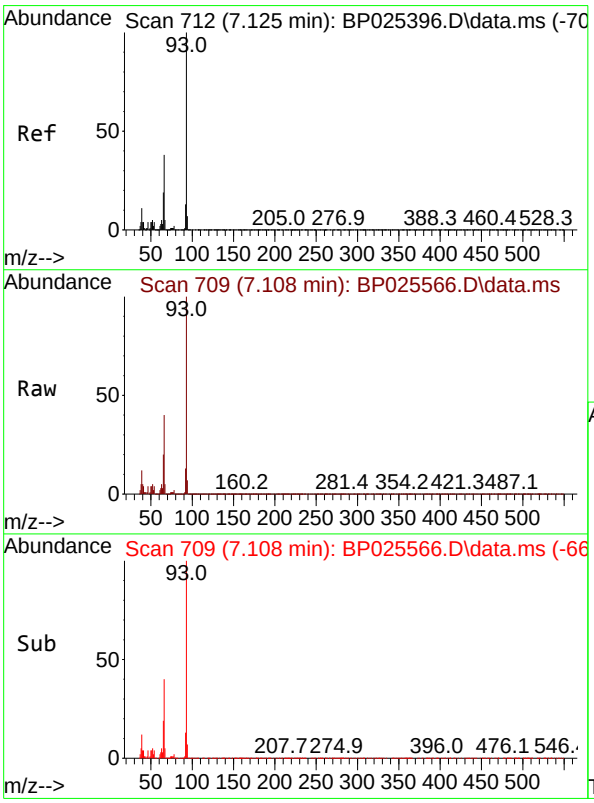
#5
2-Fluorophenol
Concen: 81.500 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:112 Resp: 952894

Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.8	65.8
63	28.8	22.7	34.1

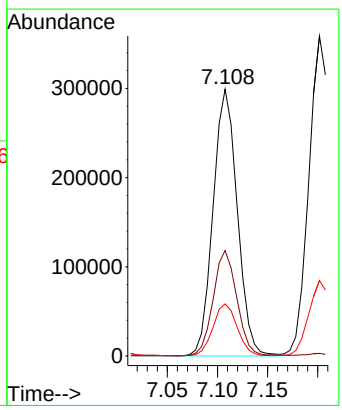


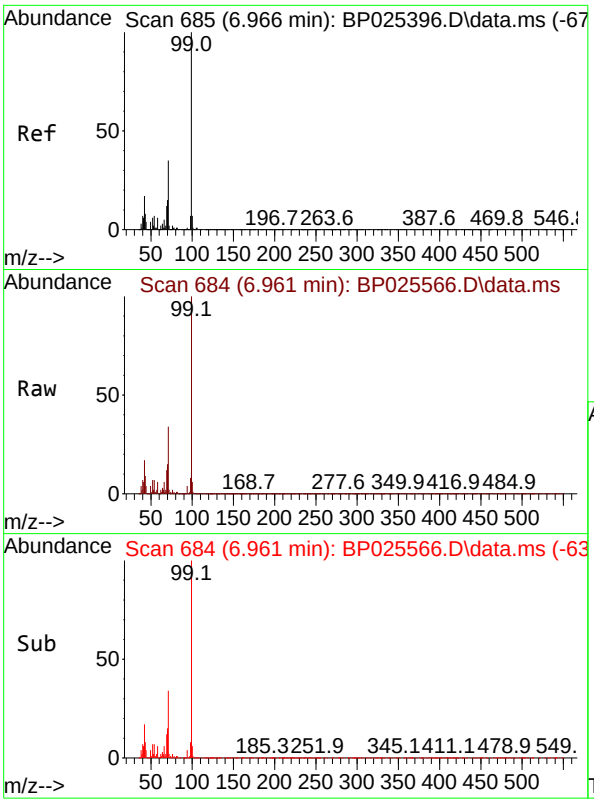


#6
Aniline
Concen: 24.791 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 93 Resp: 500698

Ion	Ratio	Lower	Upper
93	100		
66	39.5	30.4	45.6
65	19.5	15.3	22.9



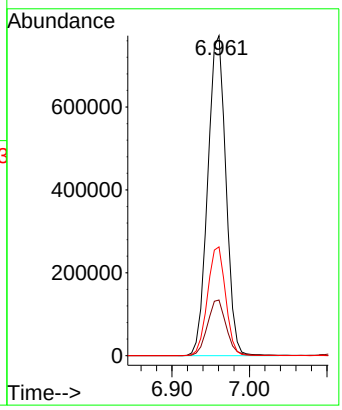


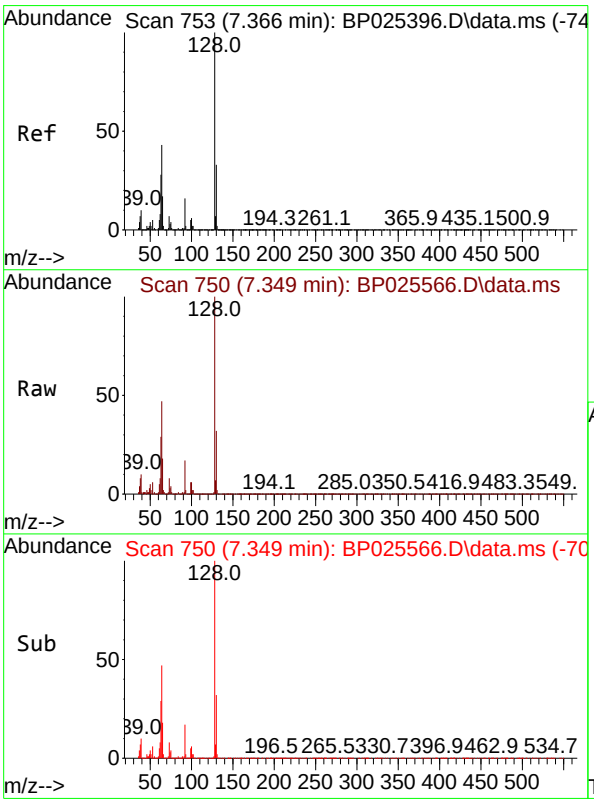
#7
Phenol-d6
Concen: 83.848 ng
RT: 6.961 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion: 99 Resp: 1256886

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.7	20.5
71	34.0	28.2	42.4

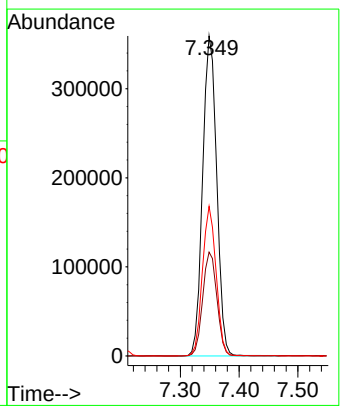


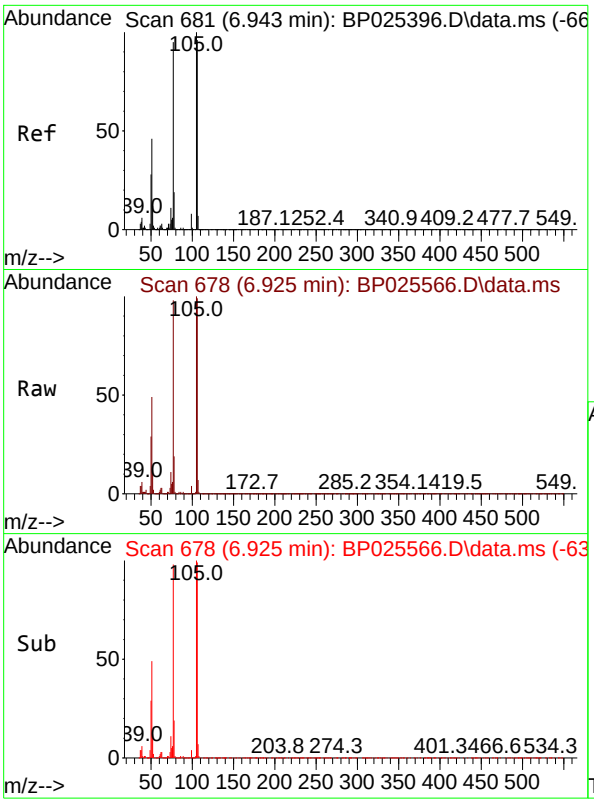


#8
2-Chlorophenol
Concen: 45.175 ng
RT: 7.349 min Scan# 750
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:128 Resp: 596027

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	46.8	23.4	63.4



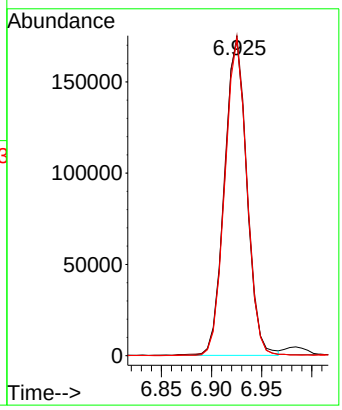


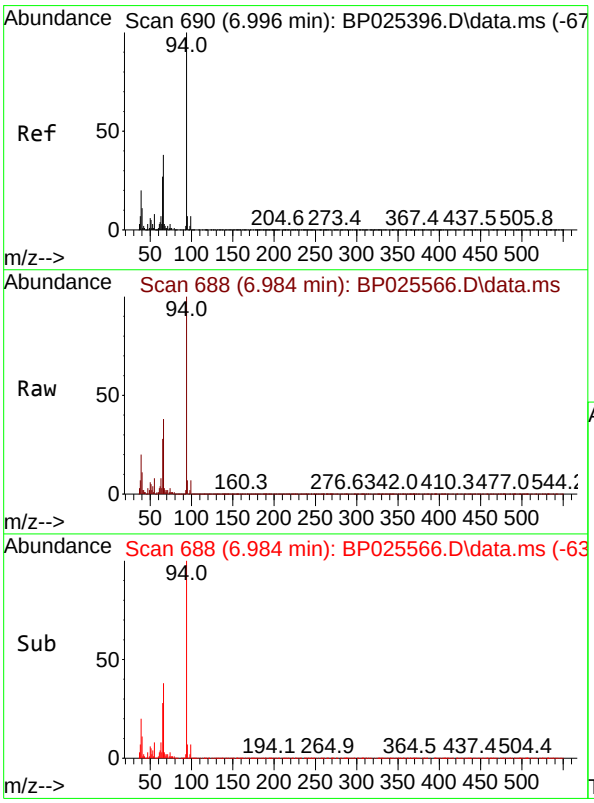
#9
Benzaldehyde
Concen: 25.534 ng
RT: 6.925 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion: 77 Resp: 268159

Ion	Ratio	Lower	Upper
77	100		
105	101.6	84.8	124.8
106	100.6	80.5	120.5

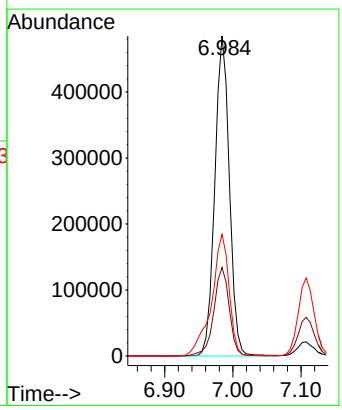


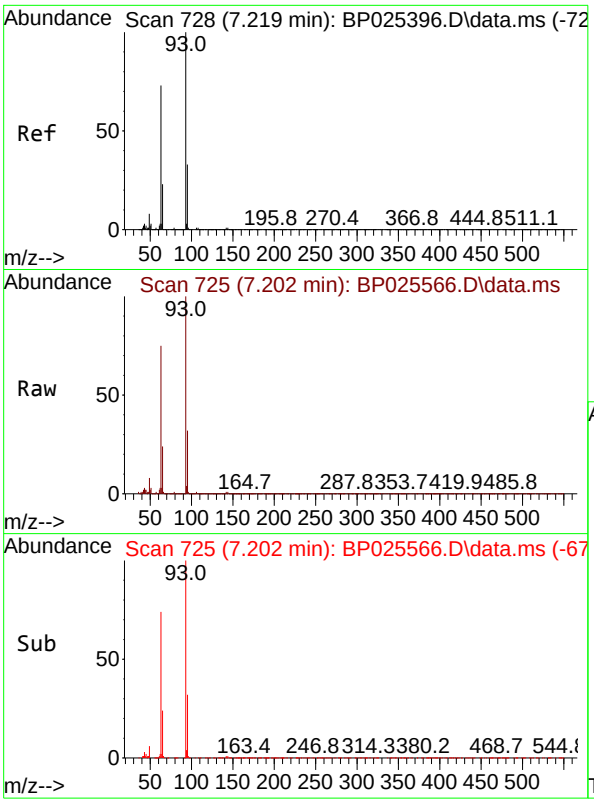


#10
Phenol
Concen: 45.871 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 94 Resp: 721515

Ion	Ratio	Lower	Upper
94	100		
65	27.7	6.8	46.8
66	38.0	18.2	58.2



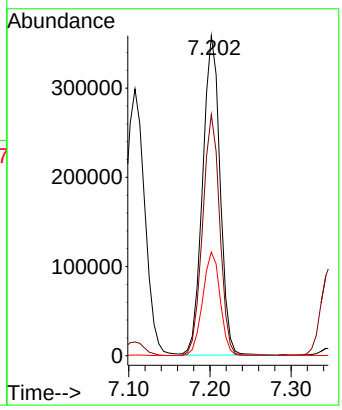


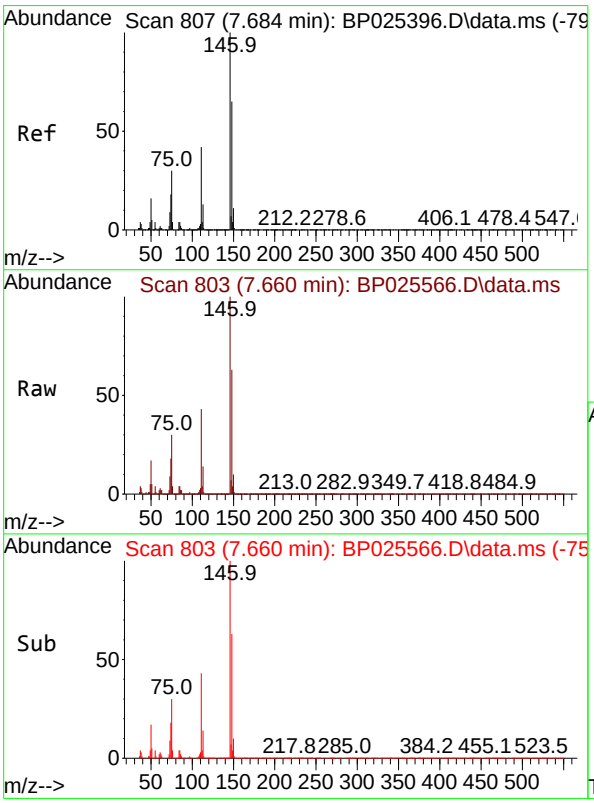
#11
bis(2-Chloroethyl)ether
Concen: 43.447 ng
RT: 7.202 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion: 93 Resp: 532645

Ion	Ratio	Lower	Upper
93	100		
63	75.4	52.6	92.6
95	32.4	12.7	52.7

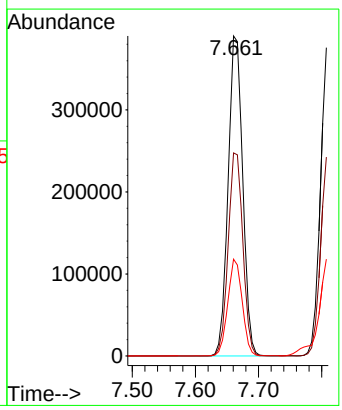


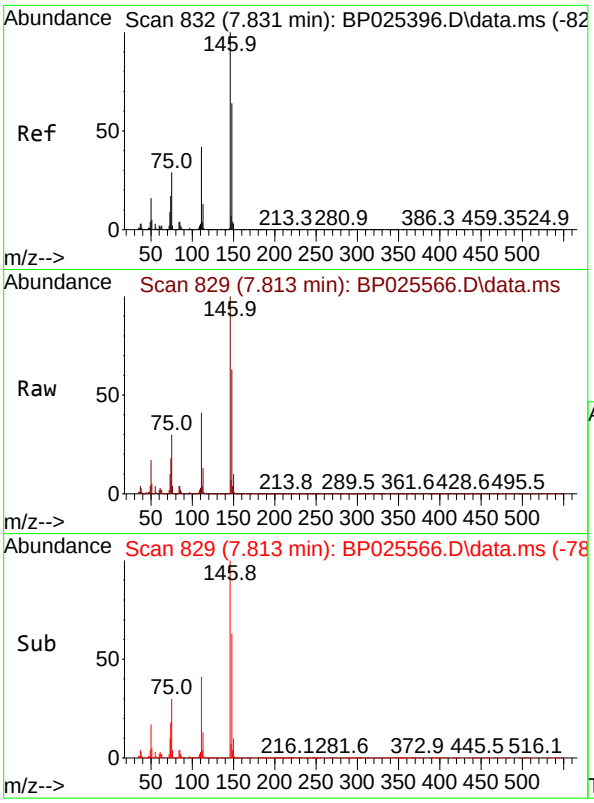


#12
1,3-Dichlorobenzene
Concen: 42.973 ng
RT: 7.660 min Scan# 803
Delta R.T. -0.023 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:146 Resp: 625184

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
75	30.3	23.7	35.5



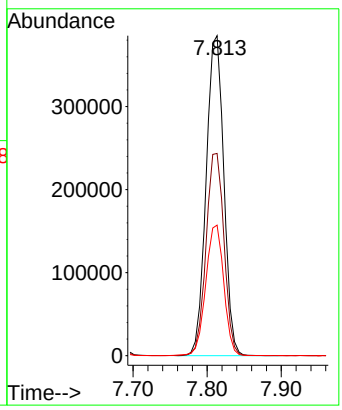


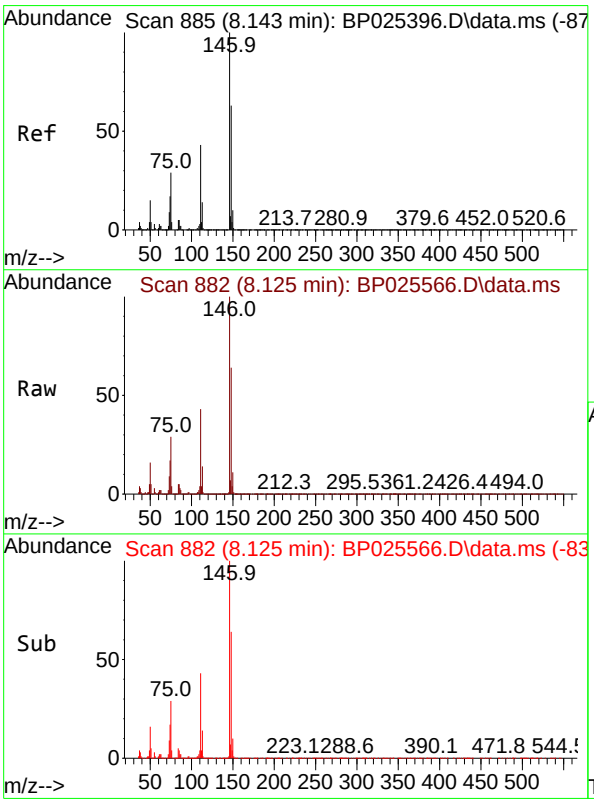
#13
1,4-Dichlorobenzene
Concen: 42.839 ng
RT: 7.813 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:146 Resp: 637020

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.6	77.4
111	40.8	33.4	50.0

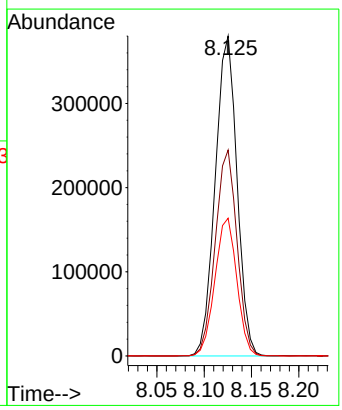


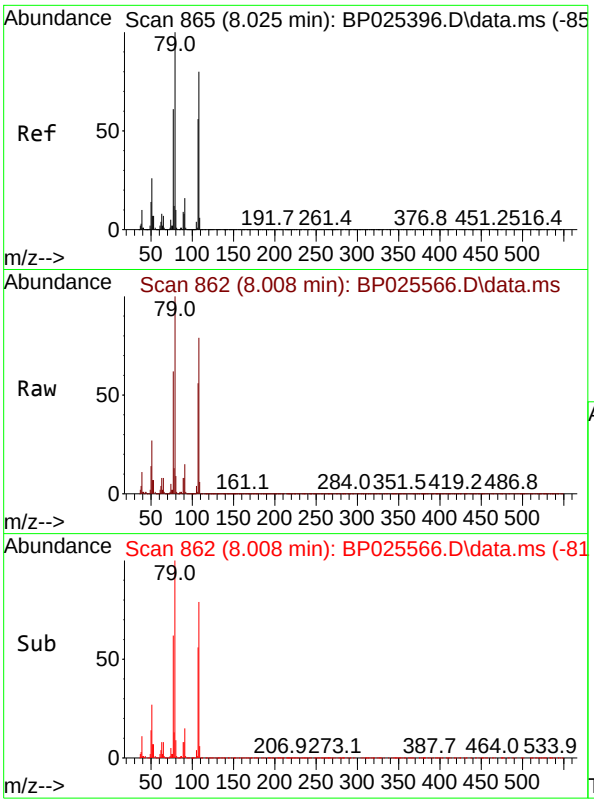


#14
1,2-Dichlorobenzene
Concen: 42.308 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:146 Resp: 608991

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	43.0	34.5	51.7



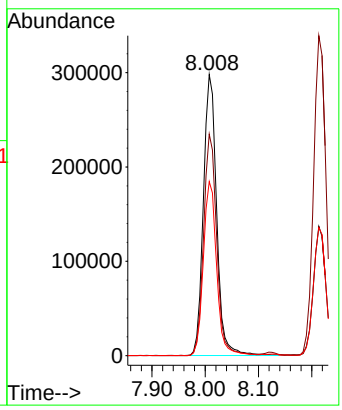


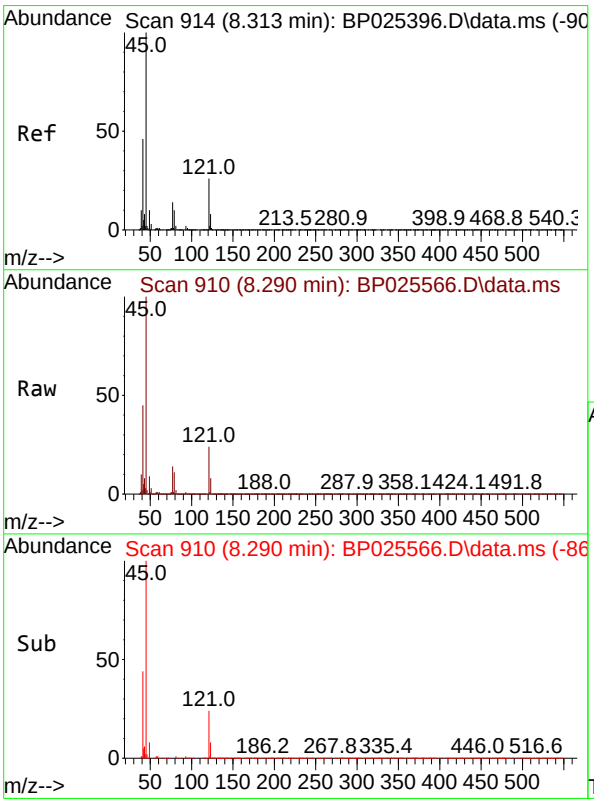
#15
Benzyl Alcohol
Concen: 43.281 ng
RT: 8.008 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion: 79 Resp: 515496

Ion	Ratio	Lower	Upper
79	100		
108	78.9	63.8	95.6
77	61.9	49.0	73.4

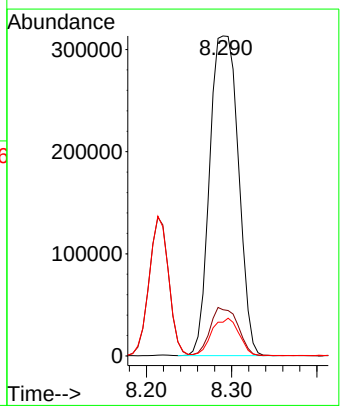


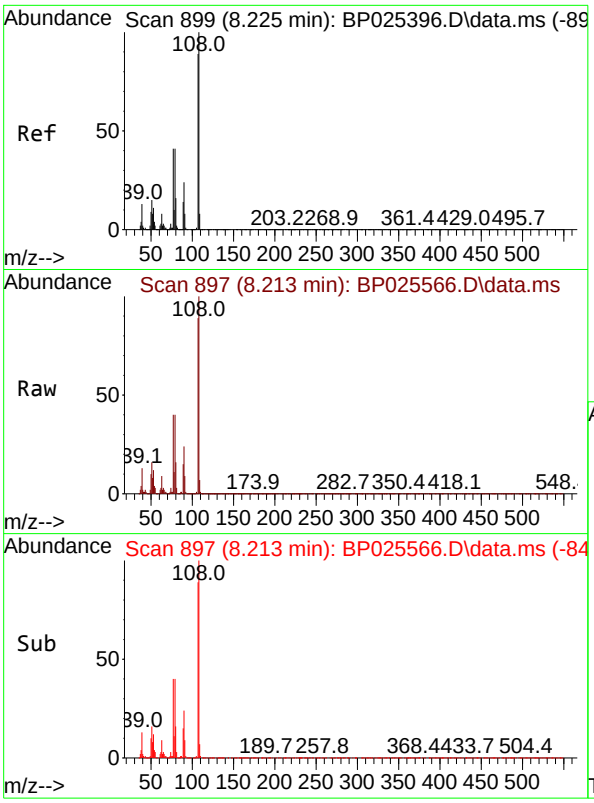


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.590 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 45 Resp: 732315

Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	35.3
79	10.5	0.0	31.8



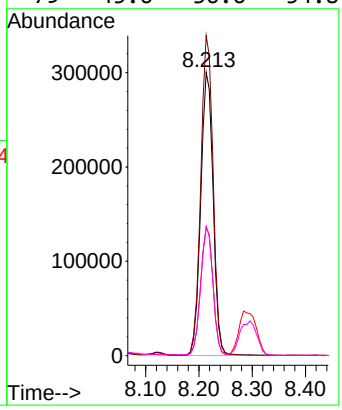


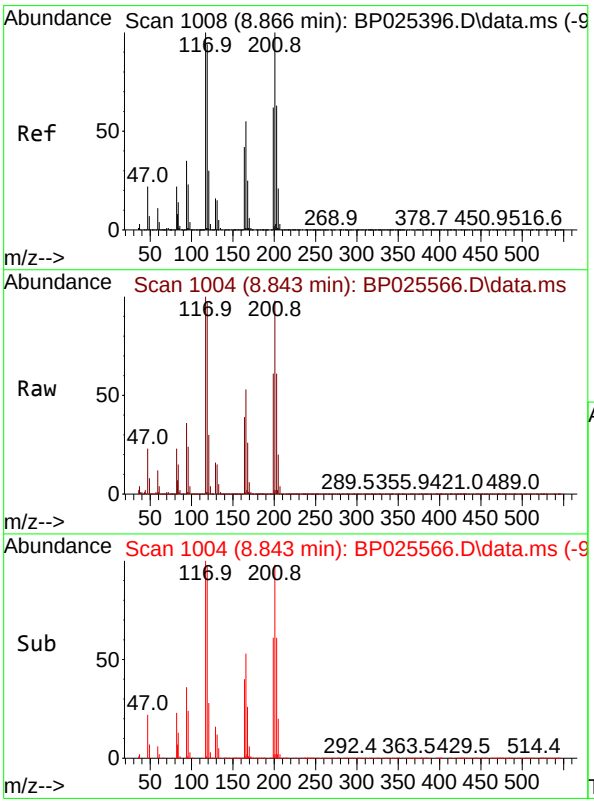
#17
2-Methylphenol
Concen: 44.287 ng
RT: 8.213 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:107 Resp: 483801

Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.4	134.0
77	45.2	36.3	54.5
79	45.6	36.6	54.8

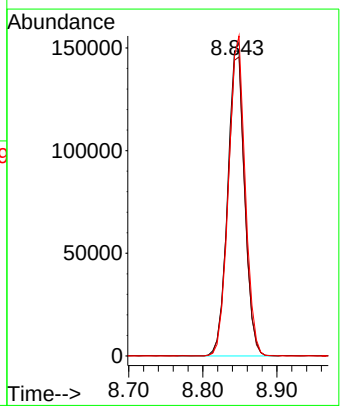


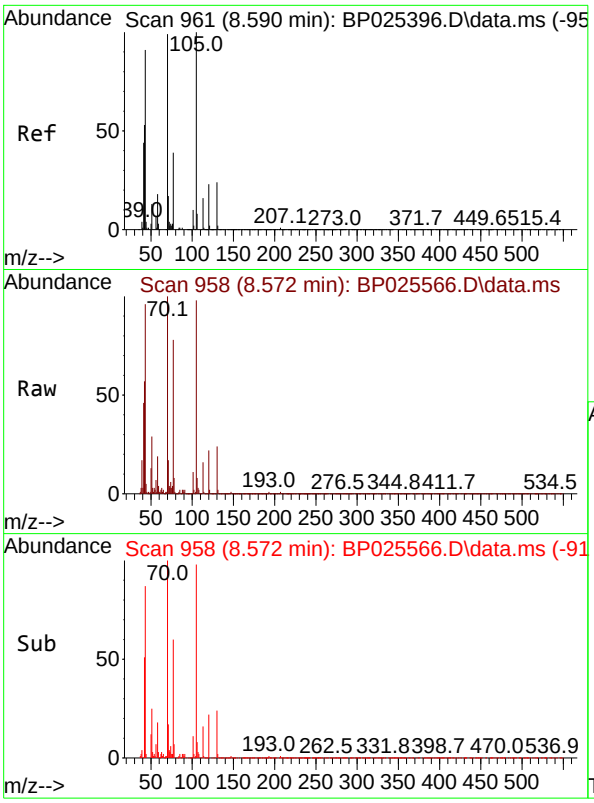


#18
Hexachloroethane
Concen: 43.500 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.023 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:117 Resp: 237828

Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.1	112.7
201	98.2	80.1	120.1



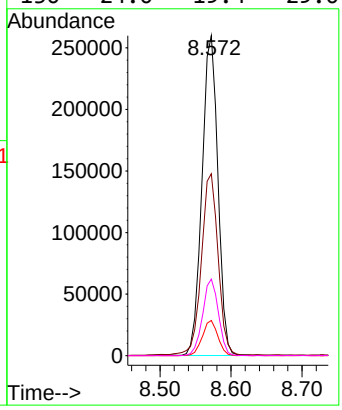


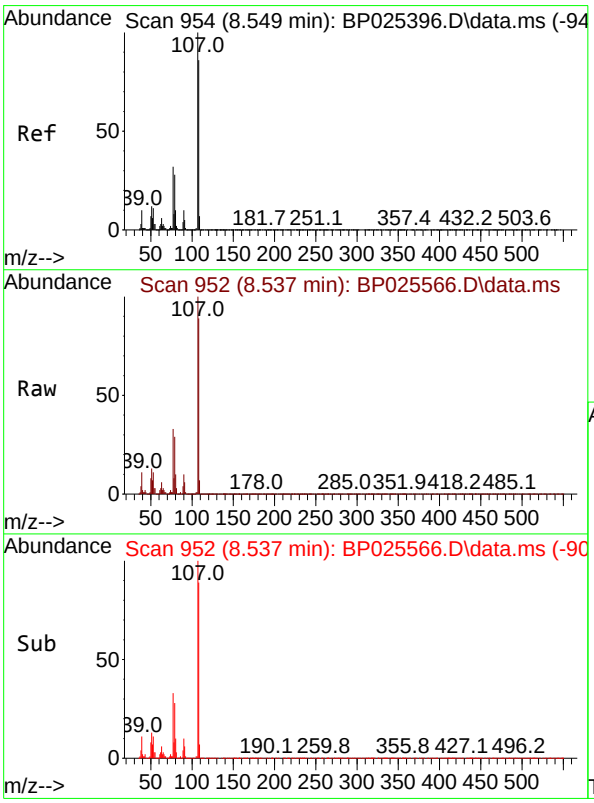
#19
n-Nitroso-di-n-propylamine
Concen: 40.792 ng
RT: 8.572 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion: 70 Resp: 405023

Ion	Ratio	Lower	Upper
70	100		
42	56.8	43.8	65.6
101	11.0	8.5	12.7
130	24.0	19.4	29.0

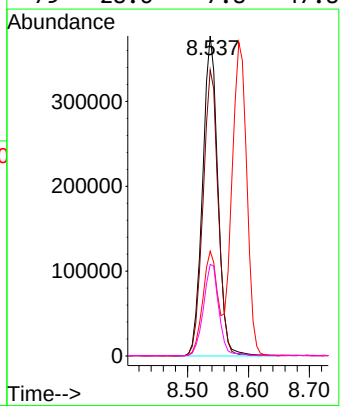


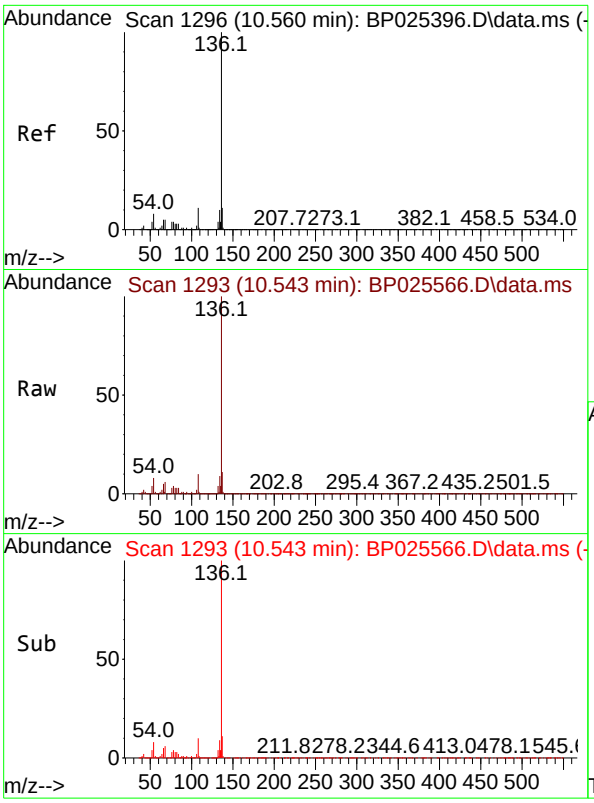


#20
3+4-Methylphenols
Concen: 43.523 ng
RT: 8.537 min Scan# 952
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:107 Resp: 659057

Ion	Ratio	Lower	Upper
107	100		
108	89.4	66.3	106.3
77	32.7	12.3	52.3
79	28.6	7.8	47.8



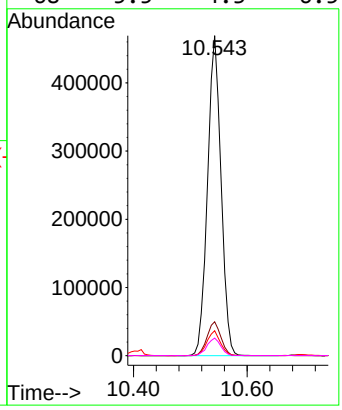


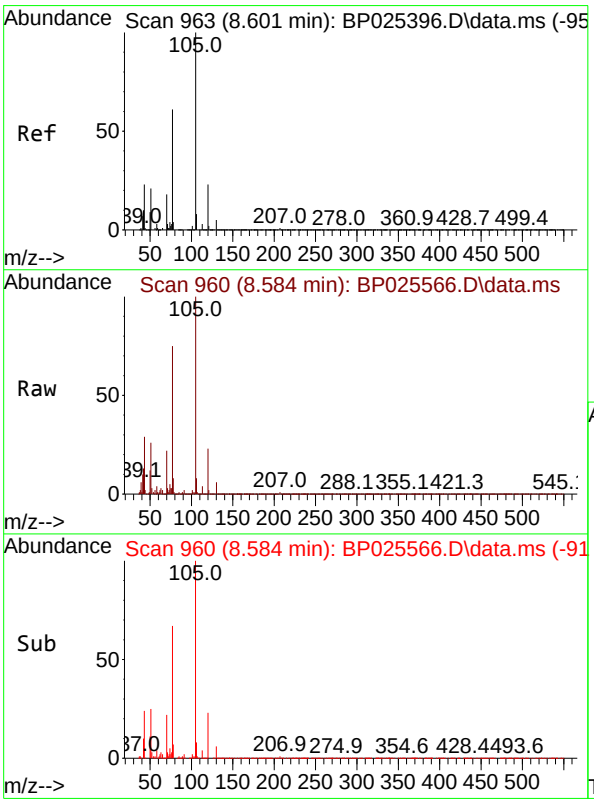
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:136 Resp: 771161

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.8	6.0	9.0
68	5.5	4.3	6.5

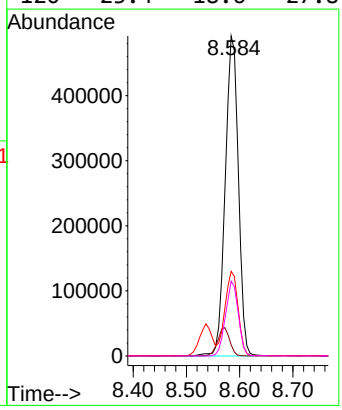


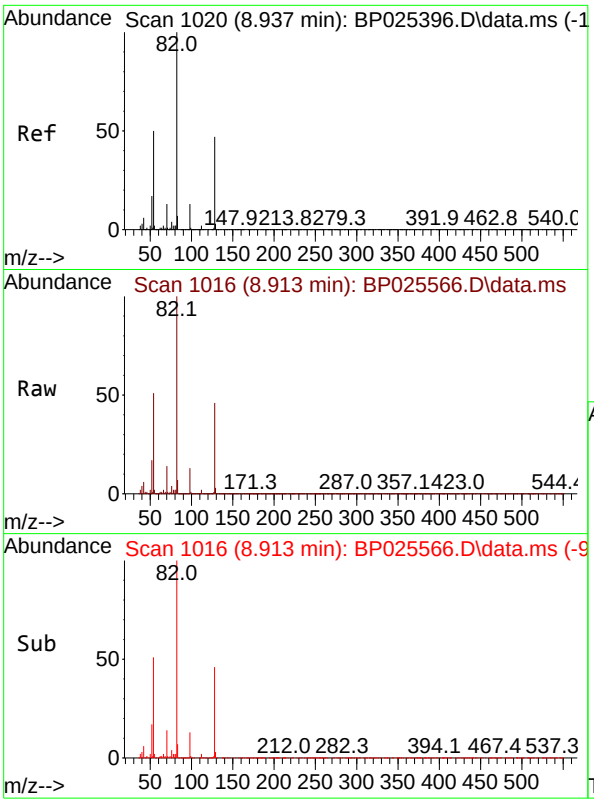


#22
Acetophenone
Concen: 43.749 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:105 Resp: 846071

Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.6	4.0
51	26.4	20.6	30.8
120	23.4	18.6	27.8



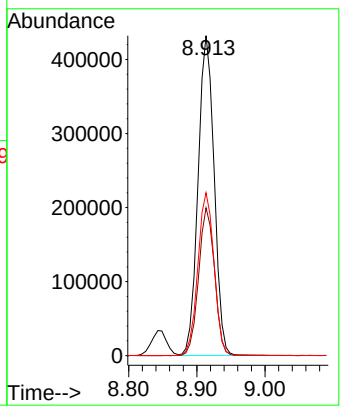


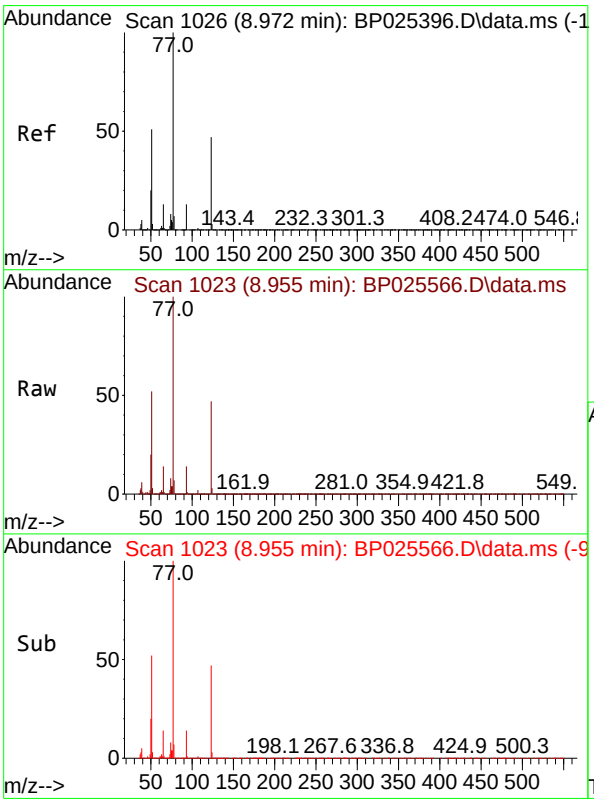
#23
Nitrobenzene-d5
Concen: 46.403 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion: 82 Resp: 707395

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.7	56.5
54	50.9	39.8	59.6

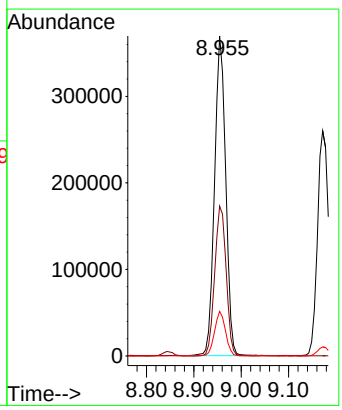


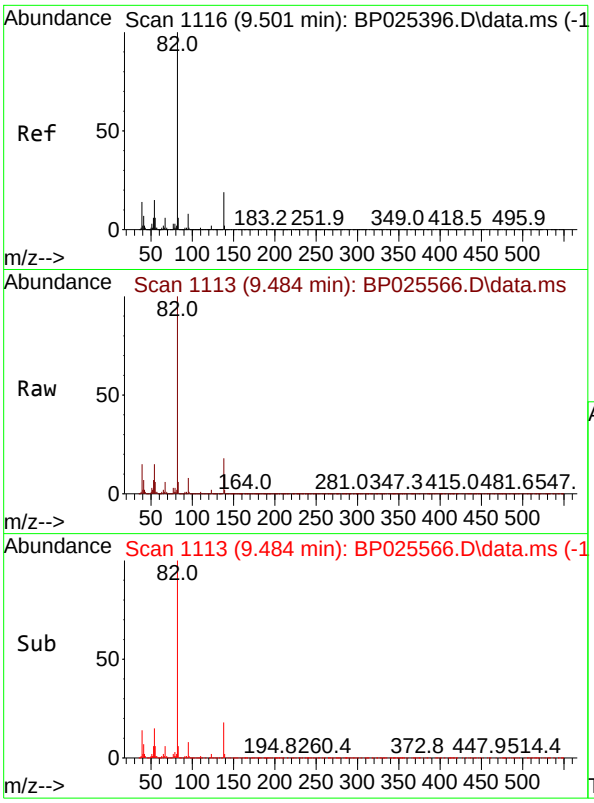


#24
Nitrobenzene
Concen: 44.373 ng
RT: 8.955 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 77 Resp: 604557

Ion	Ratio	Lower	Upper
77	100		
123	46.8	38.6	58.0
65	14.0	10.6	15.8



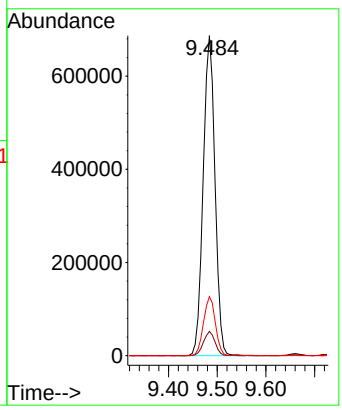


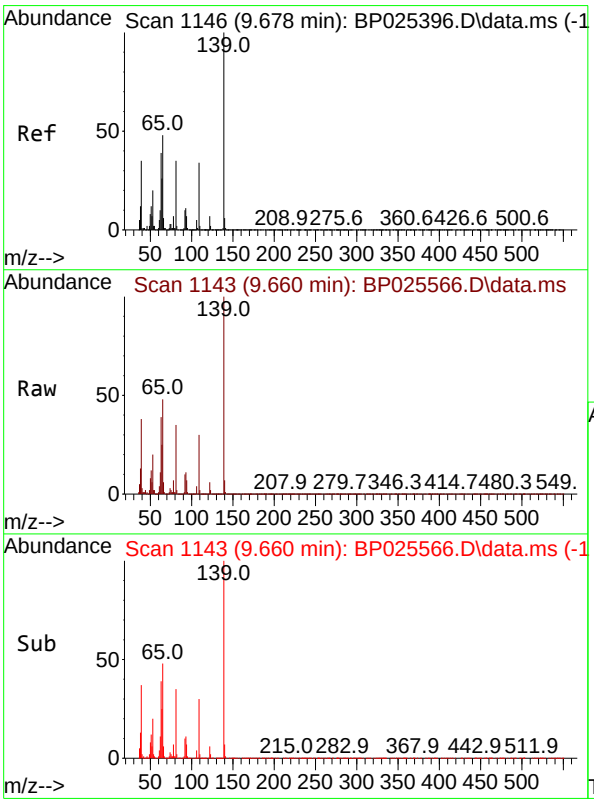
#25
Isophorone
Concen: 42.651 ng
RT: 9.484 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion: 82 Resp: 1150684

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	18.5	15.4	23.0

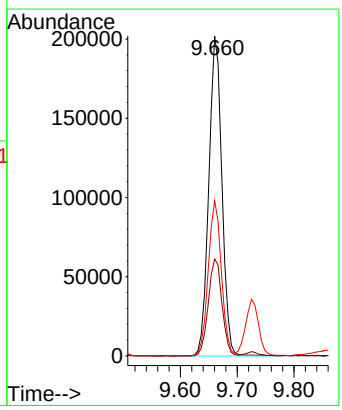


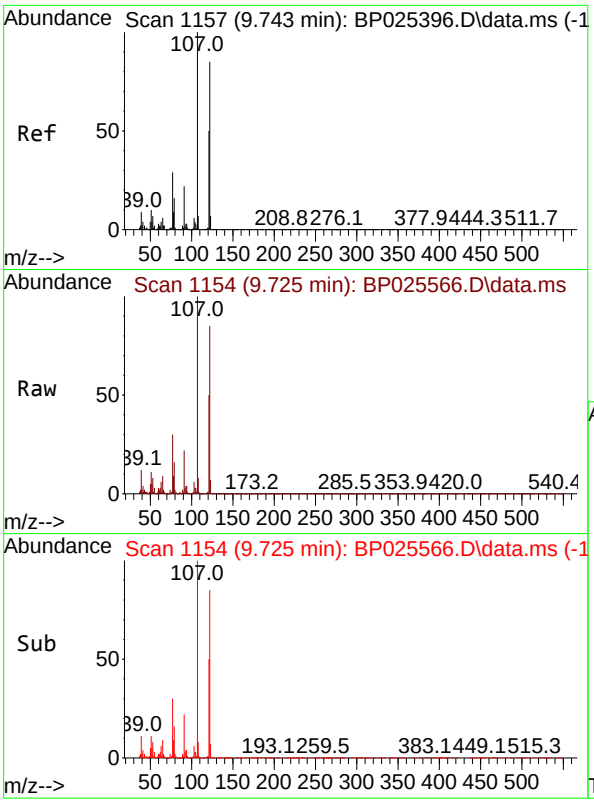


#26
2-Nitrophenol
Concen: 46.073 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:139 Resp: 322149

Ion	Ratio	Lower	Upper
139	100		
109	30.3	26.9	40.3
65	48.5	38.3	57.5



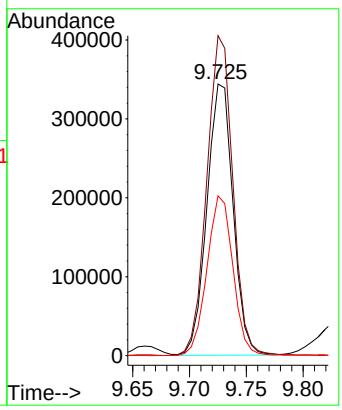


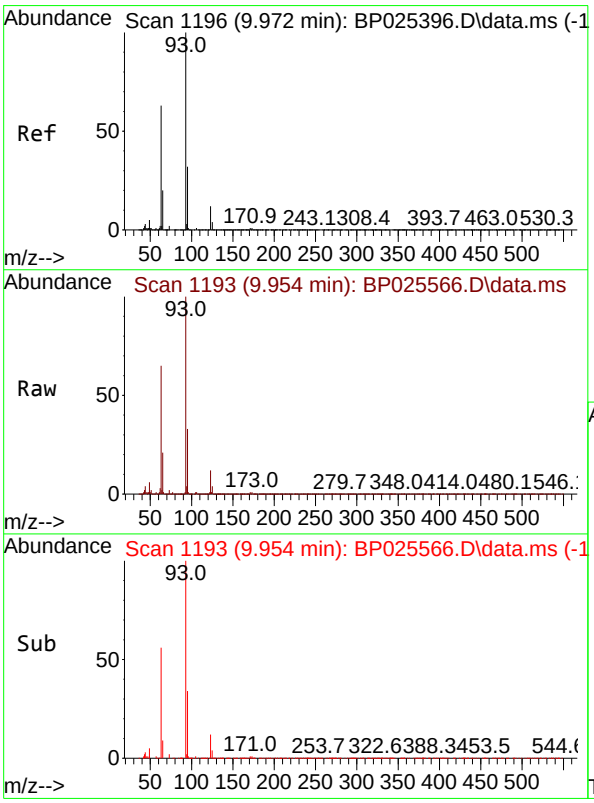
#27
2,4-Dimethylphenol
Concen: 45.884 ng
RT: 9.725 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:122 Resp: 551731

Ion	Ratio	Lower	Upper
122	100		
107	117.8	93.7	140.5
121	58.8	46.6	69.8

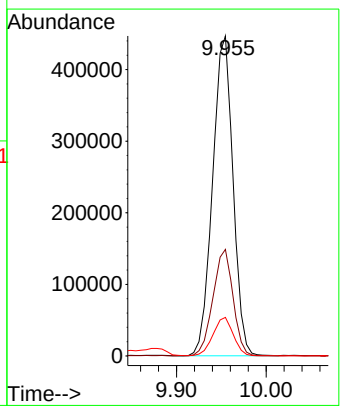


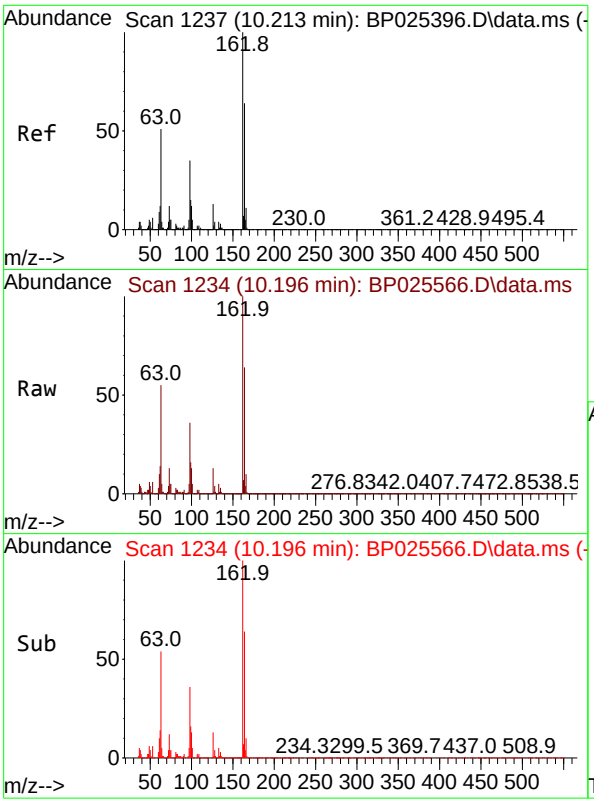


#28
bis(2-Chloroethoxy)methane
Concen: 43.269 ng
RT: 9.954 min Scan# 1193
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 93 Resp: 705647

Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.0
123	12.0	9.4	14.0



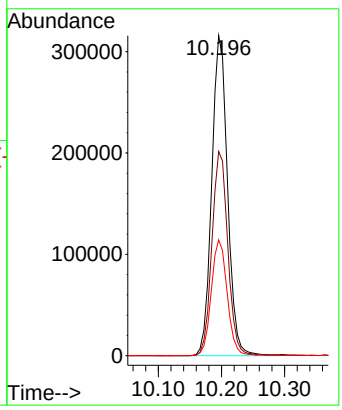


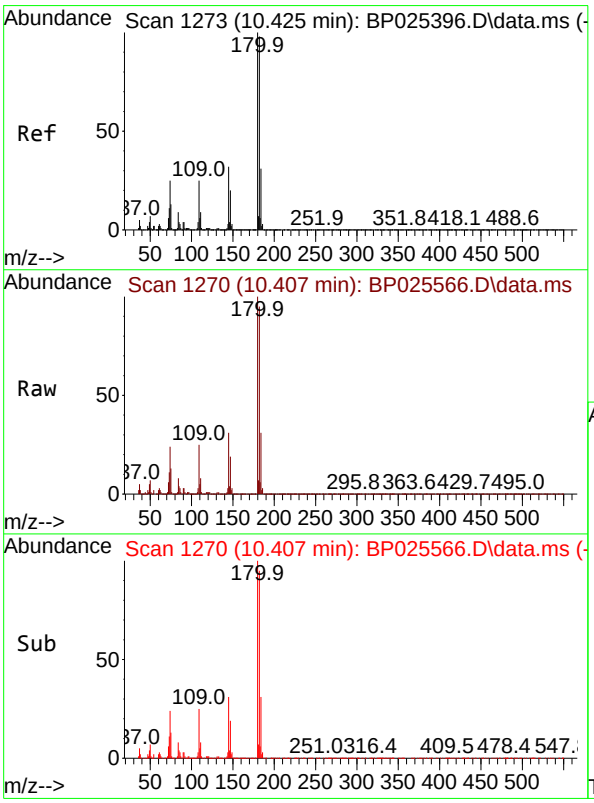
#29
2,4-Dichlorophenol
Concen: 45.905 ng
RT: 10.196 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:162 Resp: 548335

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.4	84.4
98	36.2	14.9	54.9

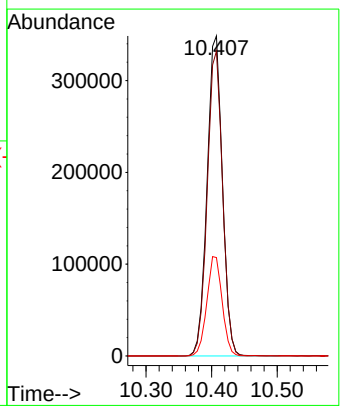


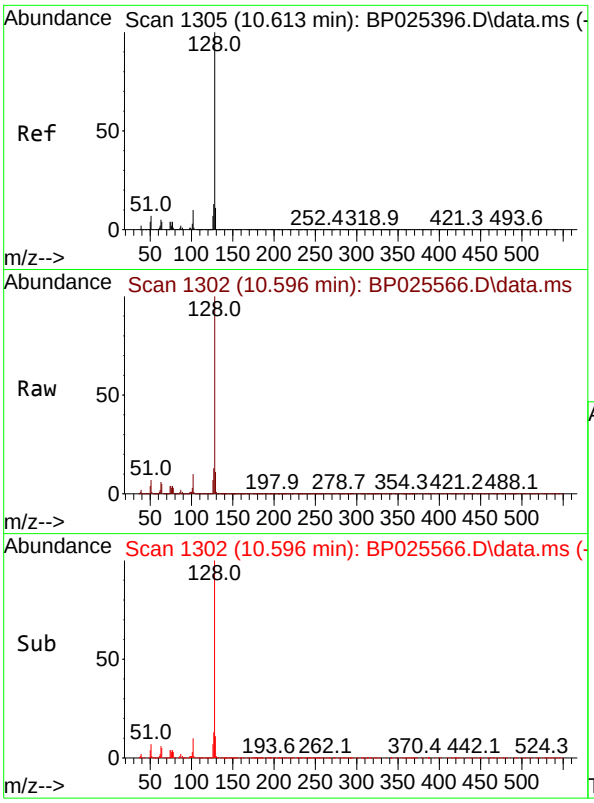


#30
1,2,4-Trichlorobenzene
Concen: 43.185 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:180 Resp: 565476

Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.0	117.0
145	30.7	25.9	38.9



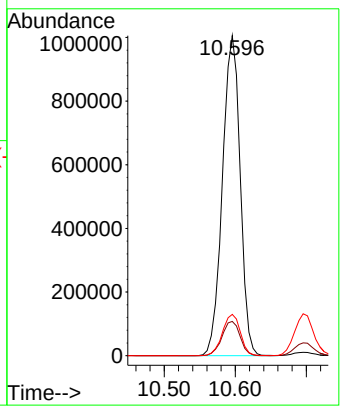


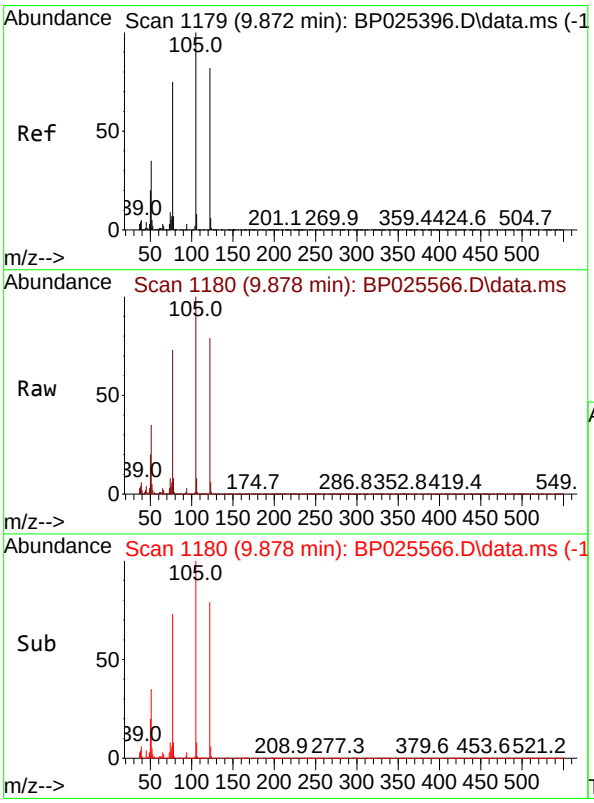
#31
Naphthalene
Concen: 43.397 ng
RT: 10.596 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:128 Resp: 1739416

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.9	10.7	16.1

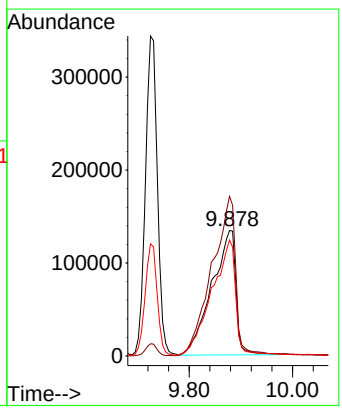


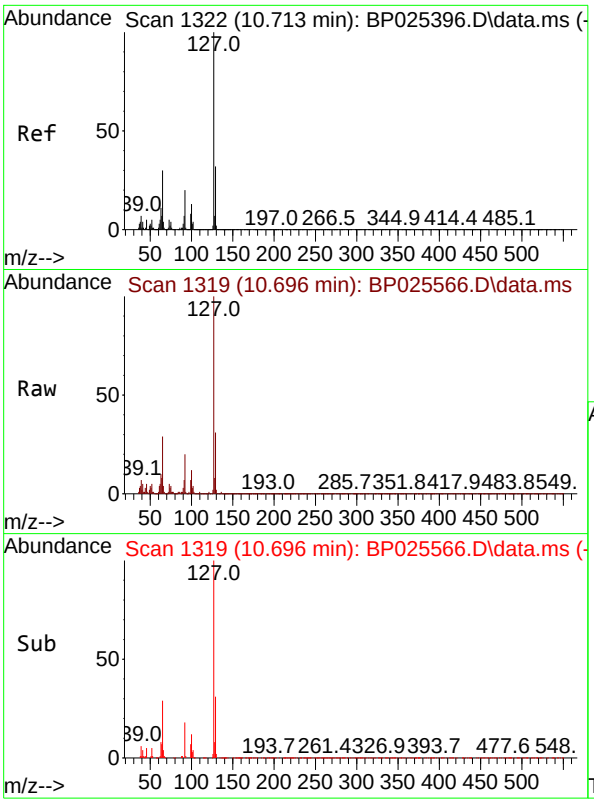


#32
Benzoic acid
Concen: 48.751 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:122 Resp: 432780

Ion	Ratio	Lower	Upper
122	100		
105	127.2	100.6	140.6
77	92.3	71.5	111.5



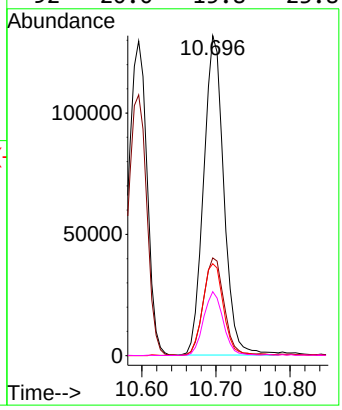


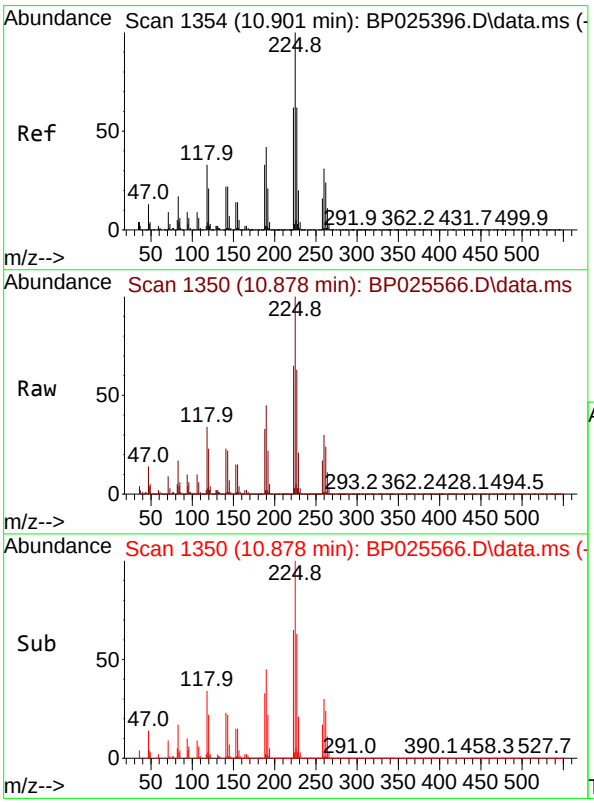
#33
4-Chloroaniline
Concen: 14.149 ng
RT: 10.696 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:127 Resp: 250502

Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.4	38.2
65	28.8	23.8	35.6
92	20.0	15.8	23.8

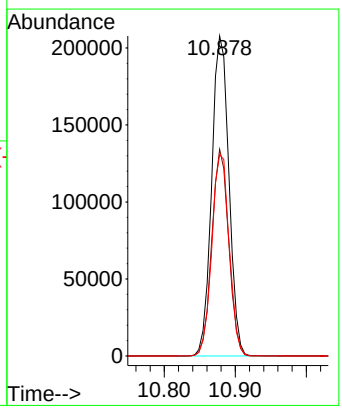


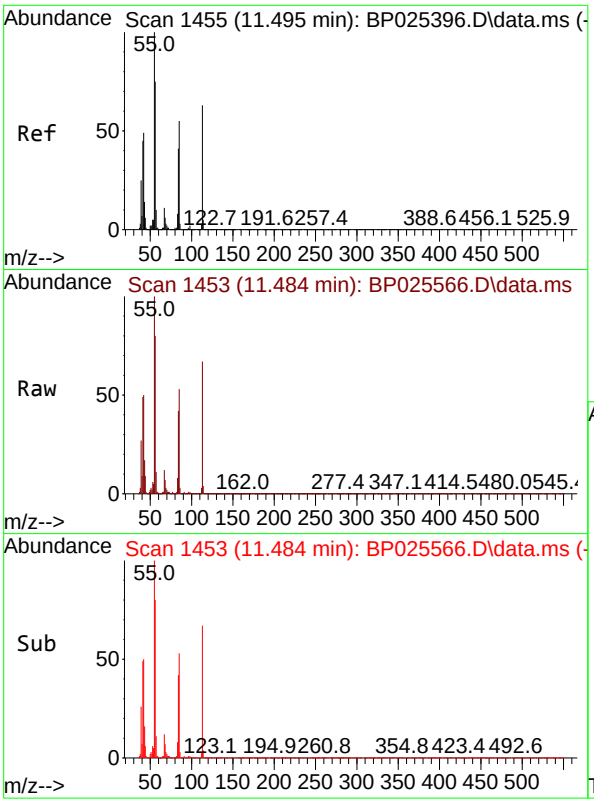


#34
Hexachlorobutadiene
Concen: 42.812 ng
RT: 10.878 min Scan# 1350
Delta R.T. -0.023 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:225 Resp: 349120

Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.0	75.0
227	62.9	49.7	74.5



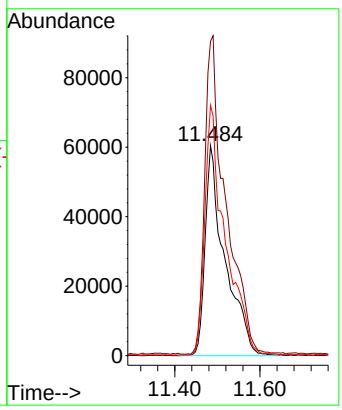


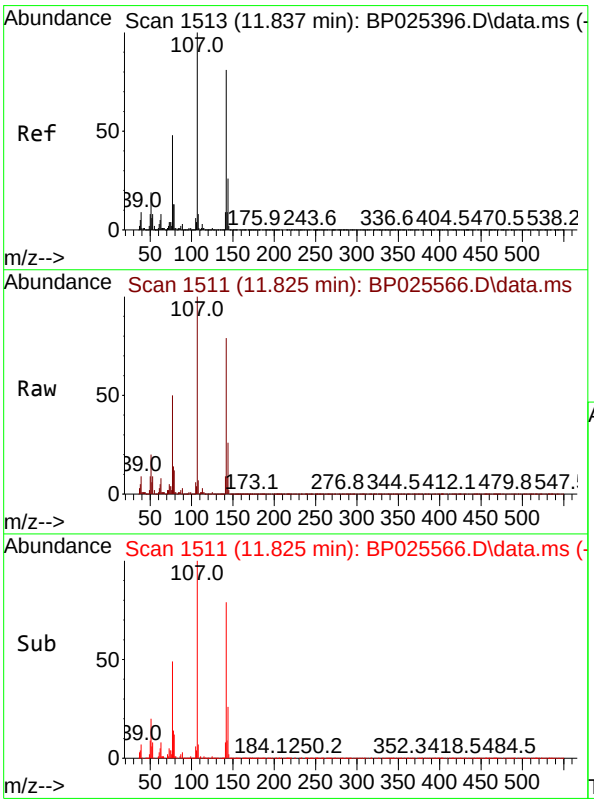
#35
Caprolactam
Concen: 44.447 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:113 Resp: 194679

Ion	Ratio	Lower	Upper
113	100		
55	149.6	140.0	180.0
56	119.2	100.0	140.0

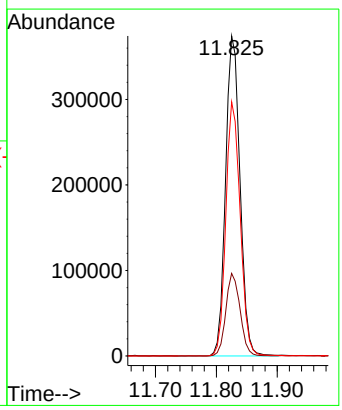


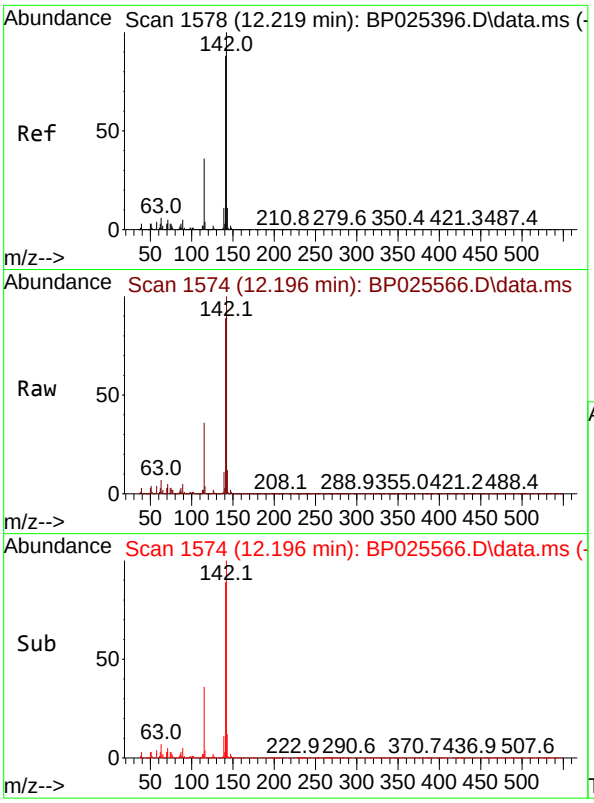


#36
4-Chloro-3-methylphenol
Concen: 44.953 ng
RT: 11.825 min Scan# 1511
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:107 Resp: 616152

Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.0	31.4
142	79.4	64.6	97.0



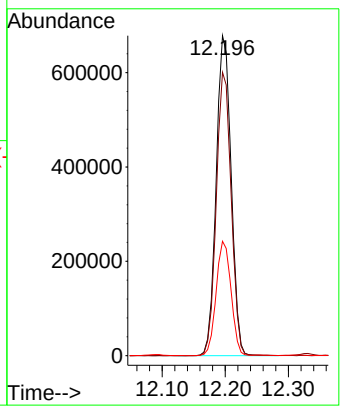


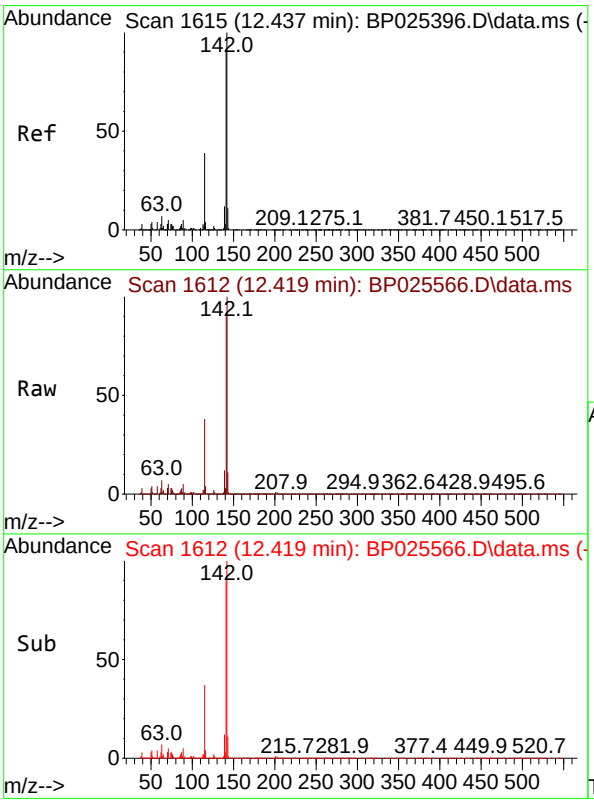
#37
2-Methylnaphthalene
Concen: 42.692 ng
RT: 12.196 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:142 Resp: 1113567

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	35.7	28.9	43.3

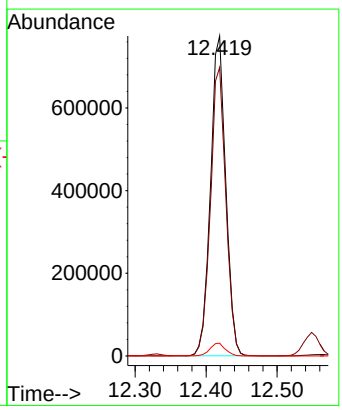


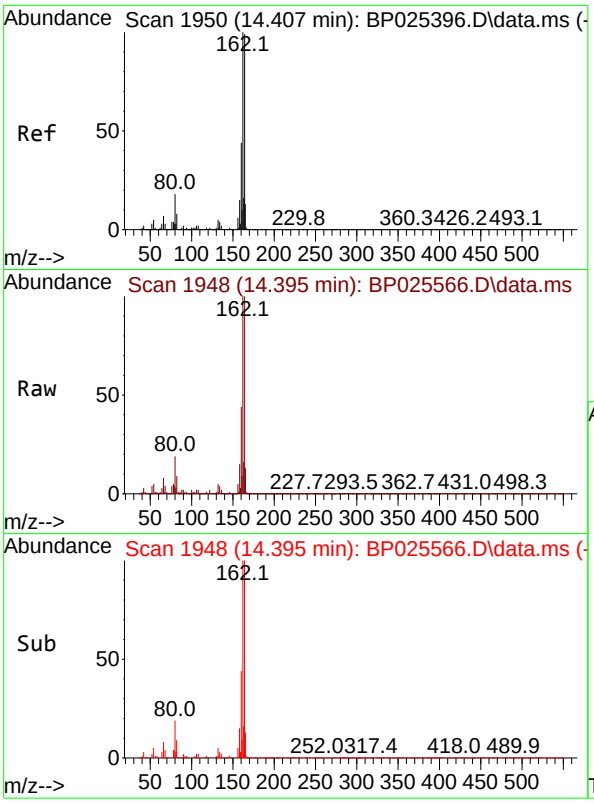


#38
1-Methylnaphthalene
Concen: 41.563 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:142 Resp: 1152934

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.1	109.7
116	4.0	3.2	4.8



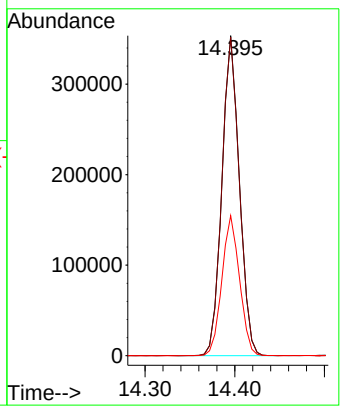


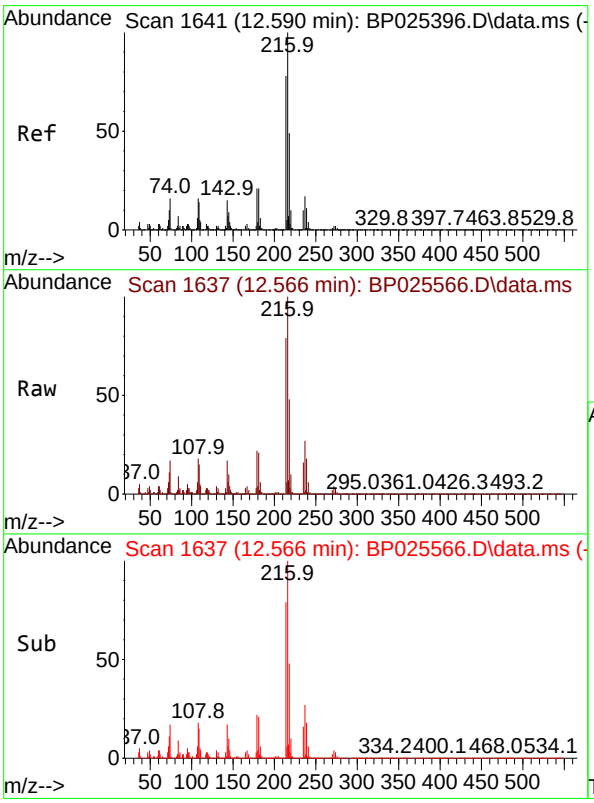
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:164 Resp: 477098

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.0	121.6
160	43.7	35.4	53.2

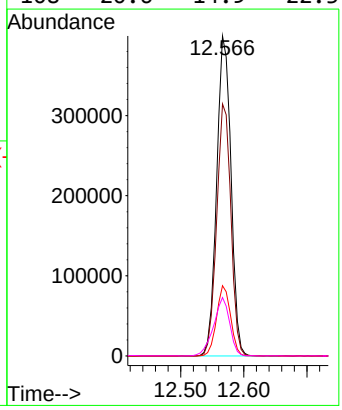


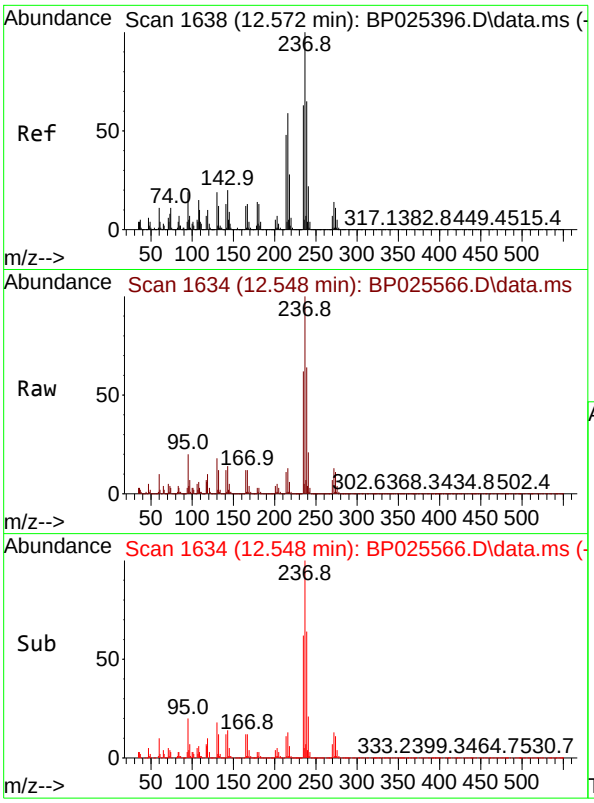


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.589 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.023 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:216 Resp: 628176

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.5	17.1	25.7
108	20.6	14.9	22.3



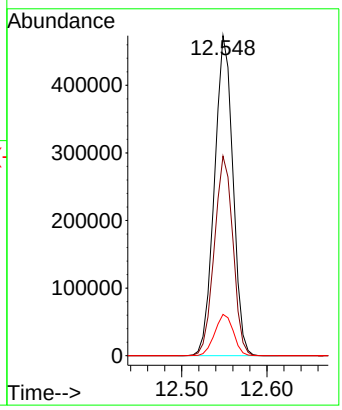


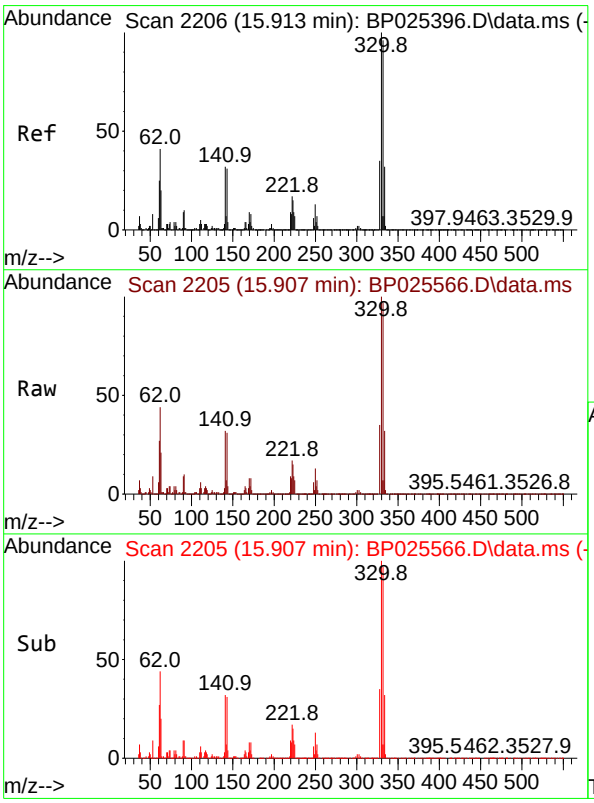
#41
Hexachlorocyclopentadiene
Concen: 85.850 ng
RT: 12.548 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:237 Resp: 714543

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.7	82.7
272	12.9	0.0	34.0

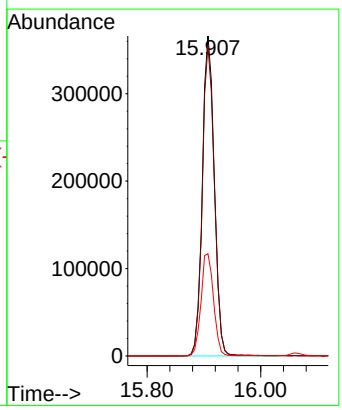


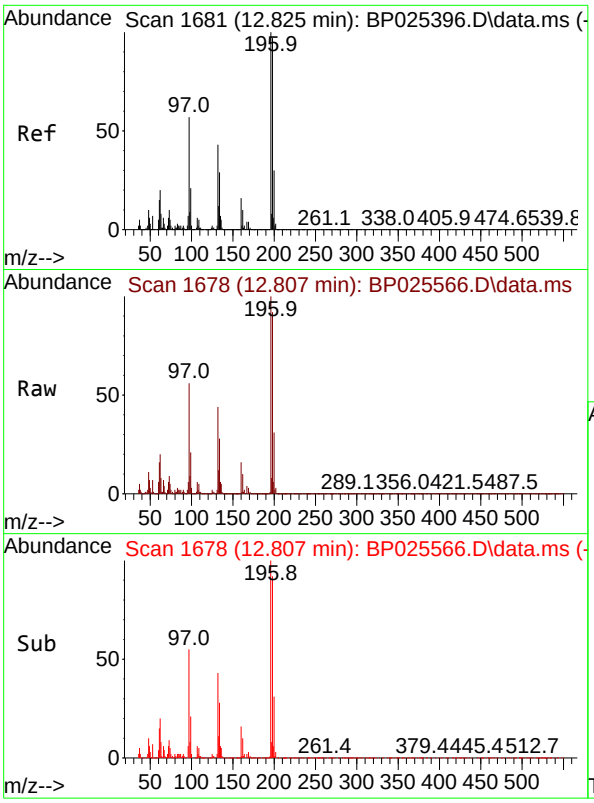


#42
2,4,6-Tribromophenol
Concen: 83.356 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:330 Resp: 535293

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.6	26.6	39.8



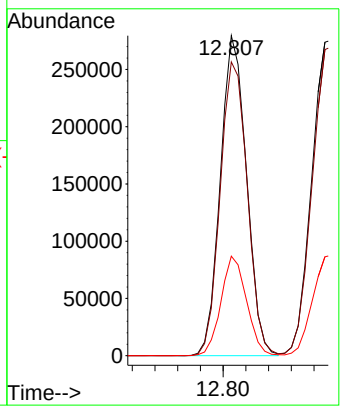


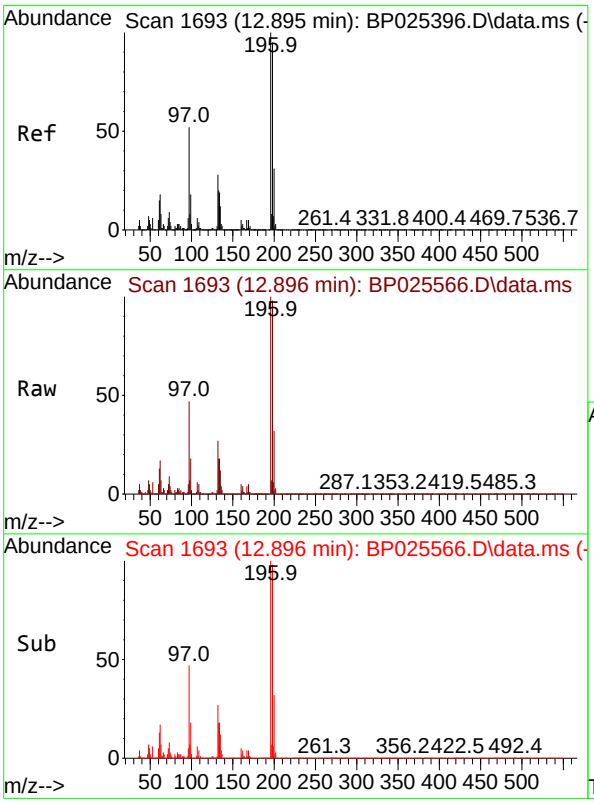
#43
2,4,6-Trichlorophenol
Concen: 48.123 ng
RT: 12.807 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:196 Resp: 447656

Ion	Ratio	Lower	Upper
196	100		
198	91.8	77.2	115.8
200	31.1	23.9	35.9

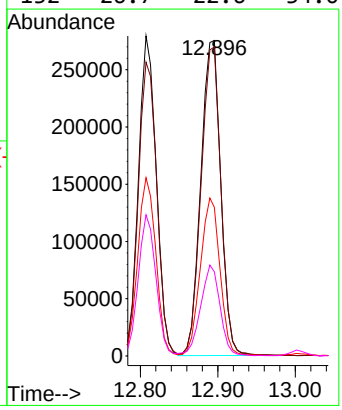


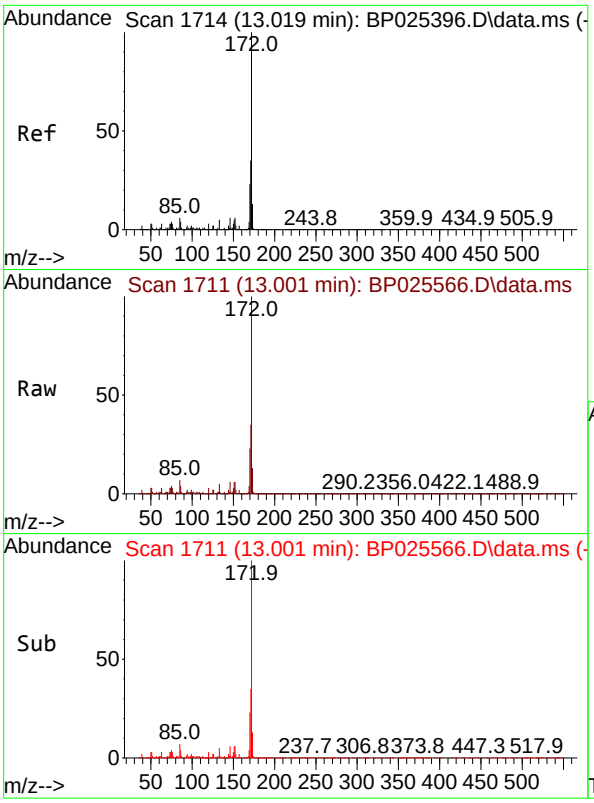


#44
2,4,5-Trichlorophenol
Concen: 48.263 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:196 Resp: 492053

Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.2	114.2
97	47.1	41.2	61.8
132	26.7	22.6	34.0



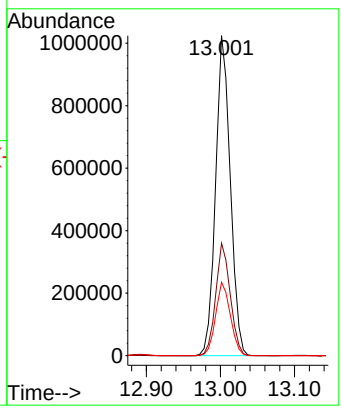


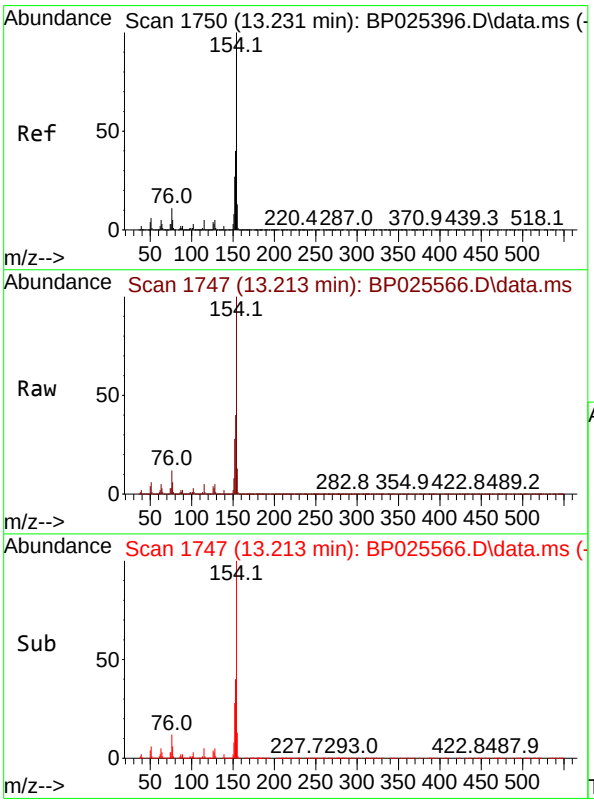
#45
2-Fluorobiphenyl
Concen: 40.383 ng
RT: 13.001 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:172 Resp: 1409740

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.0	18.6	28.0

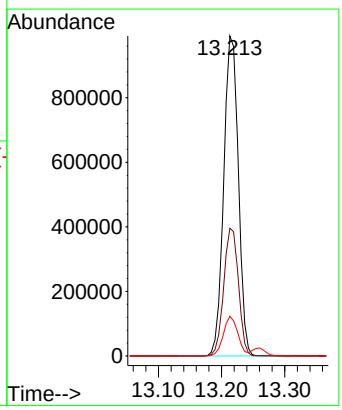


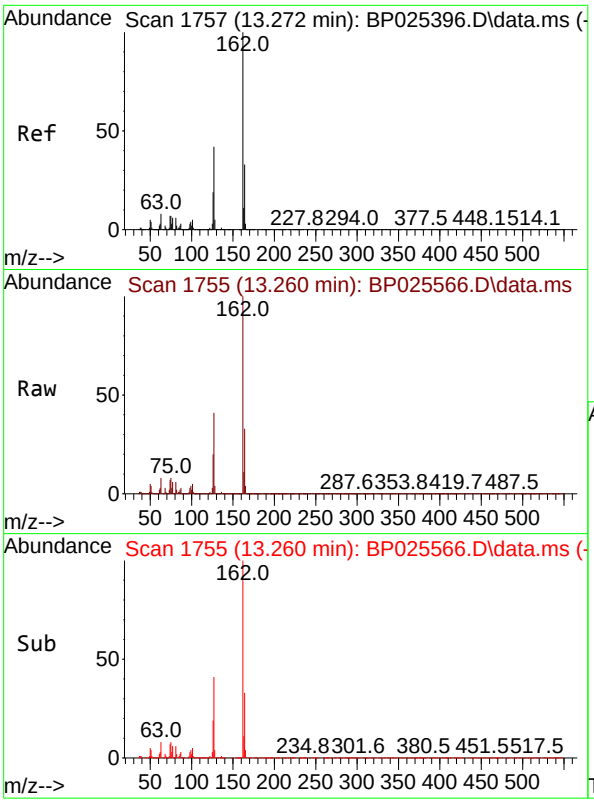


#46
1,1'-Biphenyl
Concen: 45.959 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:154 Resp: 1592453

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.5	59.5
76	12.4	0.0	31.1



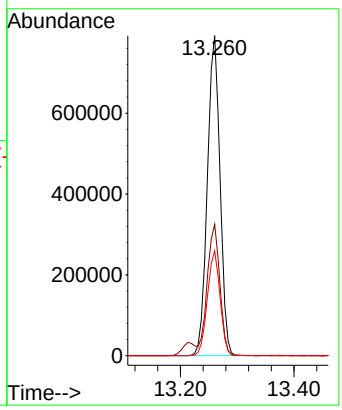


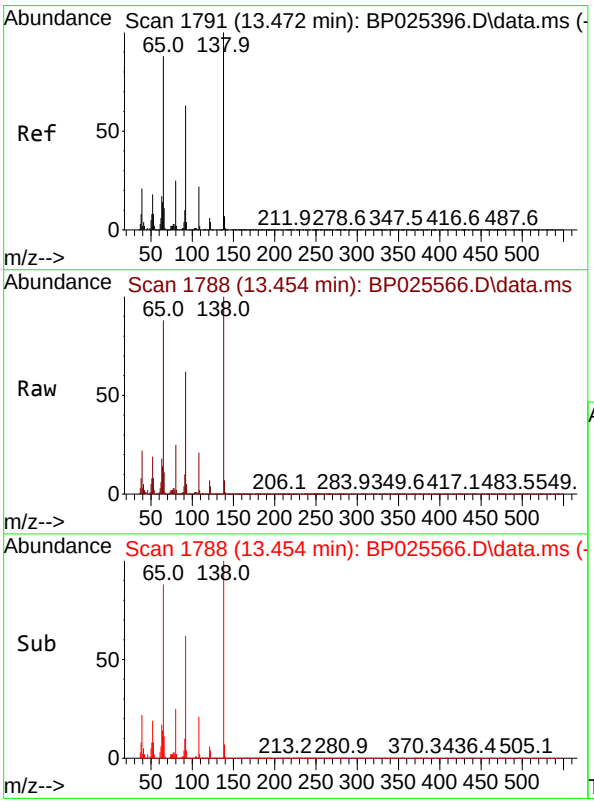
#47
2-Chloronaphthalene
Concen: 45.161 ng
RT: 13.260 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:162 Resp: 1218201

Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.4	50.2
164	32.7	26.2	39.2

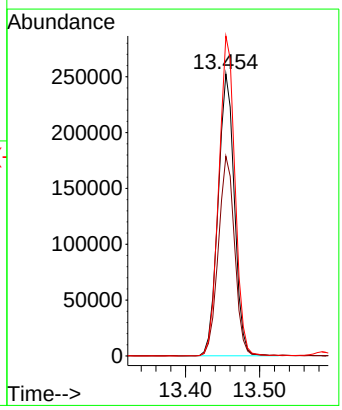


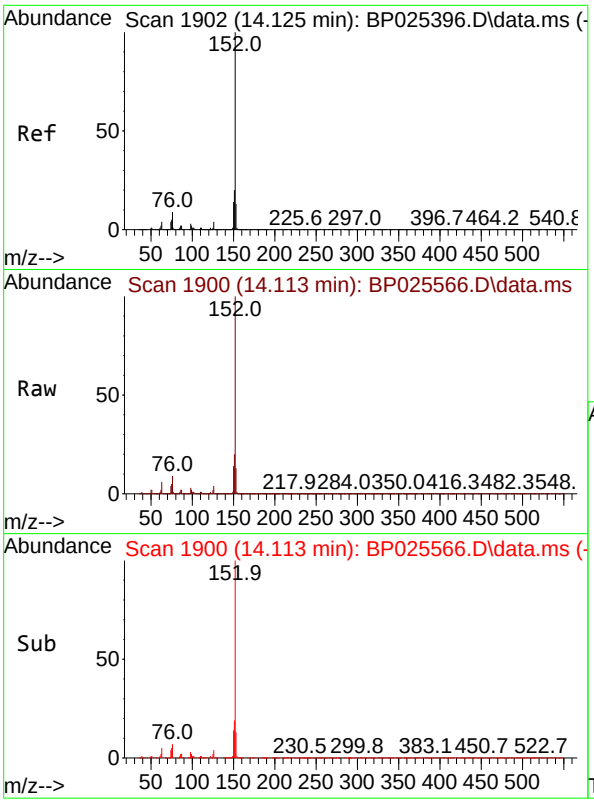


#48
2-Nitroaniline
Concen: 49.022 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion: 65 Resp: 385301

Ion	Ratio	Lower	Upper
65	100		
92	70.8	57.6	86.4
138	113.5	91.0	136.6



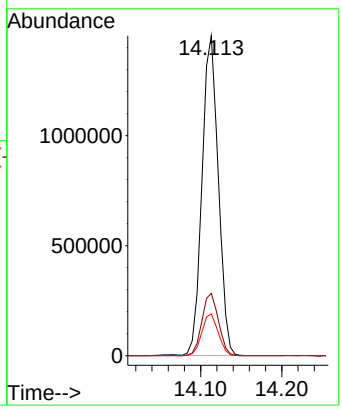


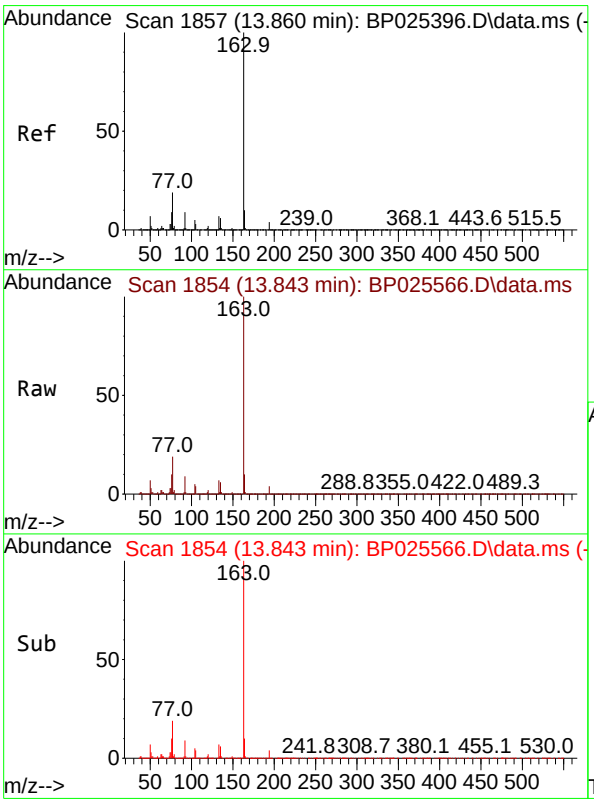
#49
Acenaphthylene
Concen: 45.286 ng
RT: 14.113 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:152 Resp: 2021339

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	13.0	10.6	15.8

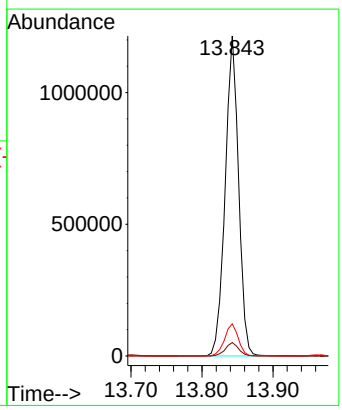


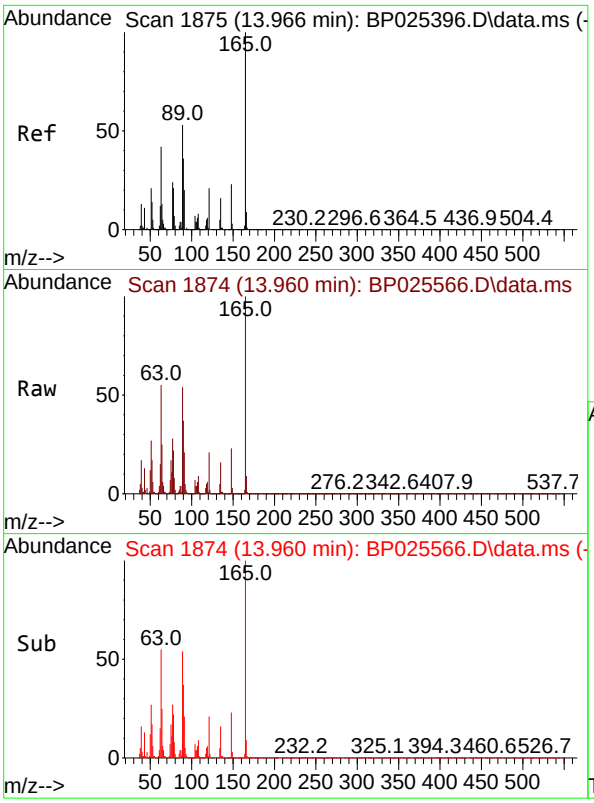


#50
Dimethylphthalate
Concen: 45.427 ng
RT: 13.843 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:163 Resp: 1587113

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	7.9	11.9



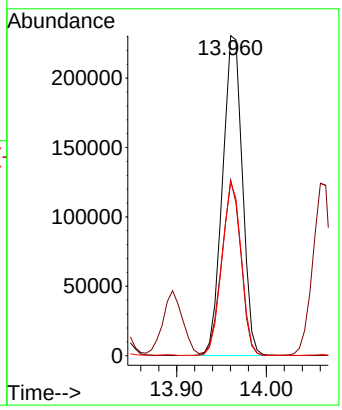


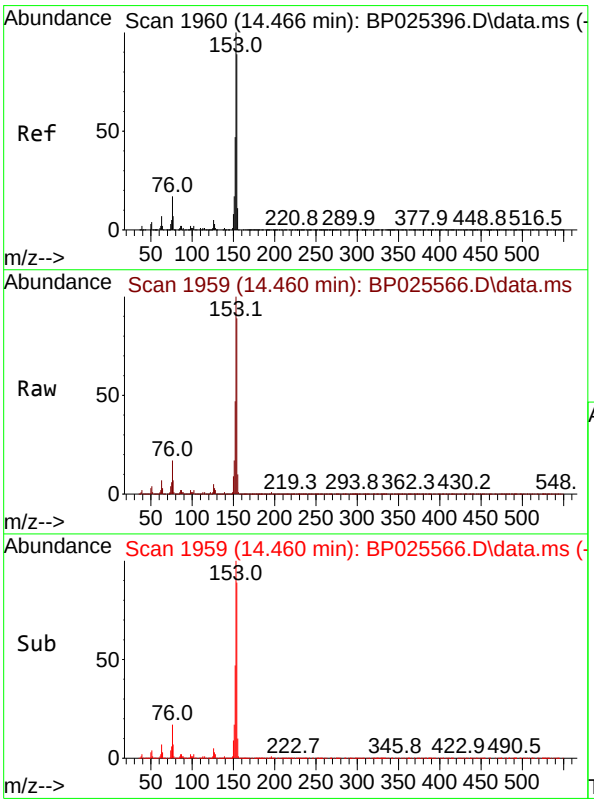
#51
2,6-Dinitrotoluene
Concen: 48.117 ng
RT: 13.960 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:165 Resp: 354324

Ion	Ratio	Lower	Upper
165	100		
63	54.9	40.9	61.3
89	54.3	42.1	63.1

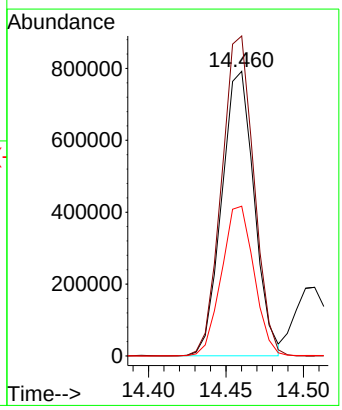


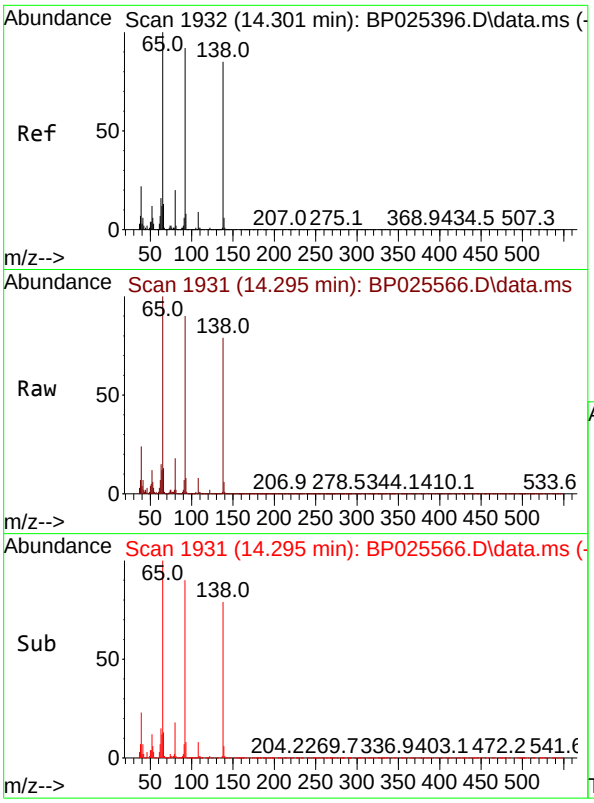


#52
Acenaphthene
Concen: 44.021 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:154 Resp: 1153338

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.2	135.2
152	52.6	42.1	63.1



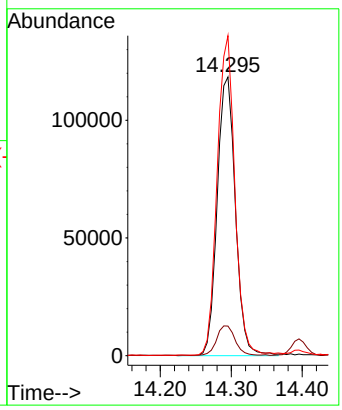


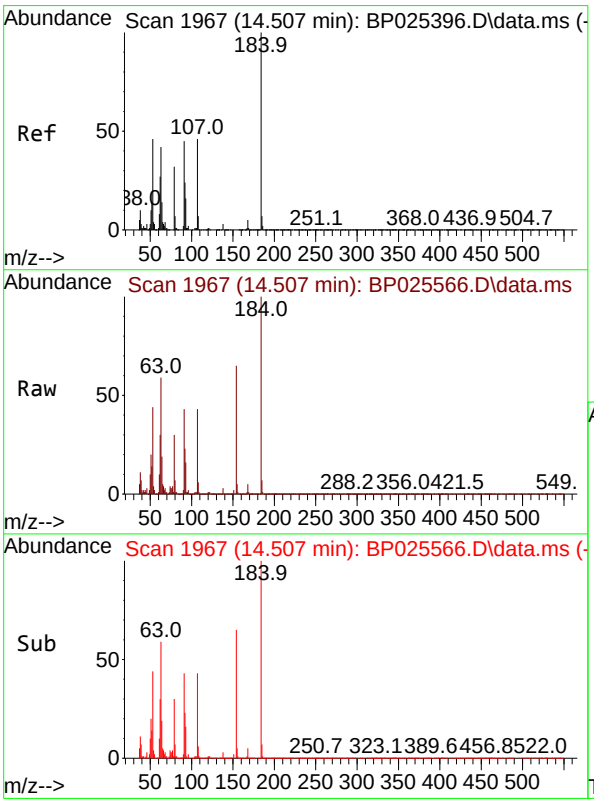
#53
3-Nitroaniline
Concen: 25.336 ng
RT: 14.295 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:138 Resp: 209910

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.3	12.5
92	114.8	86.2	129.2

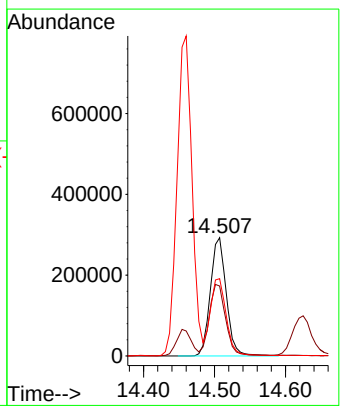


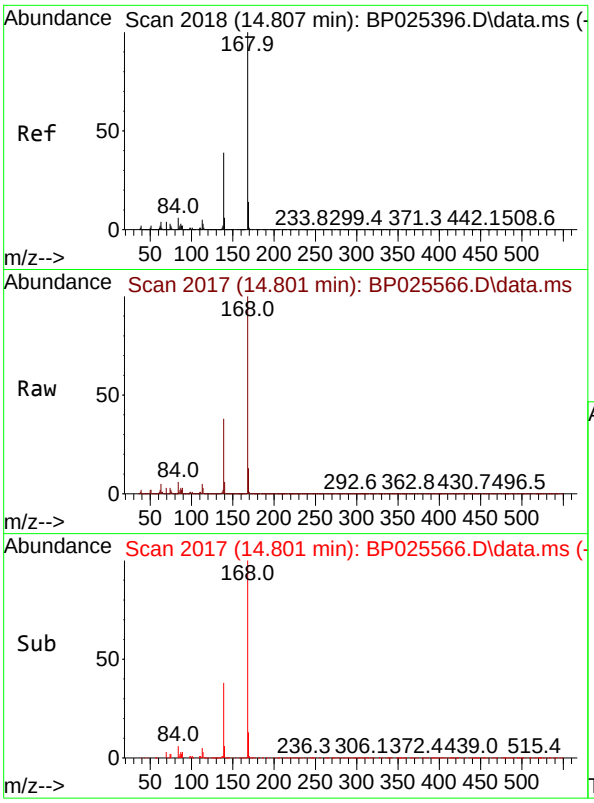


#54
2,4-Dinitrophenol
Concen: 116.159 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:184 Resp: 456791

Ion	Ratio	Lower	Upper
184	100		
63	59.1	49.4	74.2
154	65.4	54.6	82.0



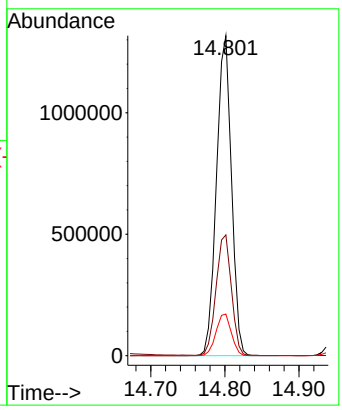


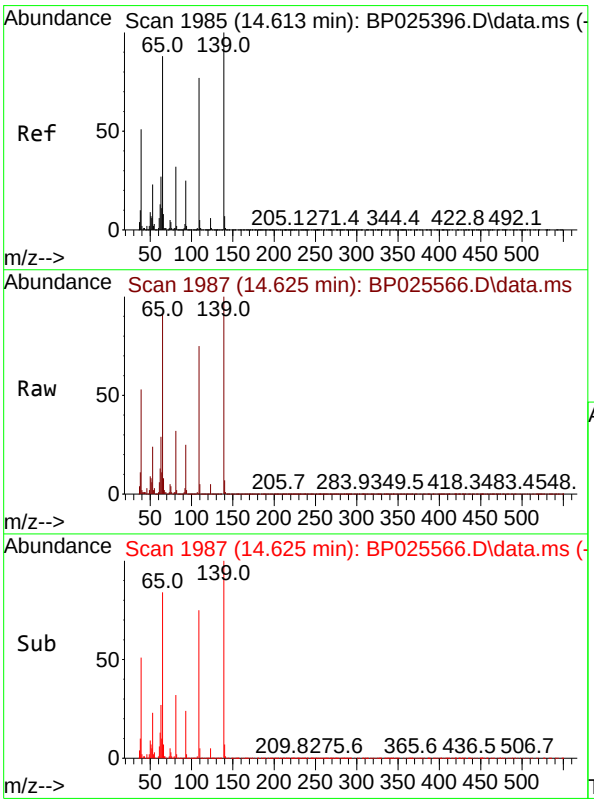
#55
Dibenzofuran
Concen: 44.609 ng
RT: 14.801 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:168 Resp: 1847793

Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.5	47.3
169	13.0	10.9	16.3

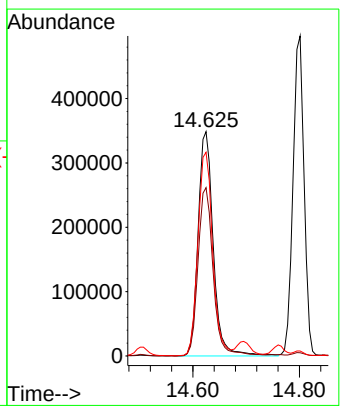


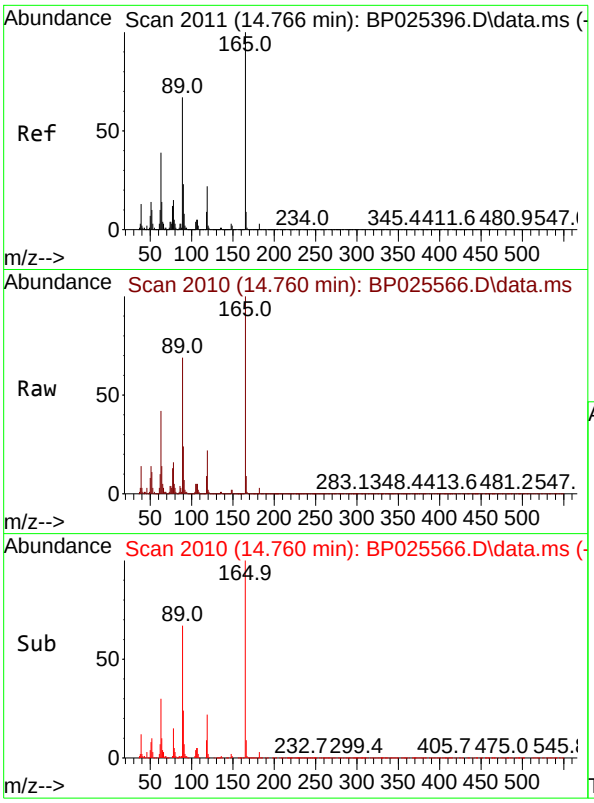


#56
4-Nitrophenol
Concen: 100.944 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:139 Resp: 687231

Ion	Ratio	Lower	Upper
139	100		
109	75.1	56.6	96.6
65	90.8	68.2	108.2



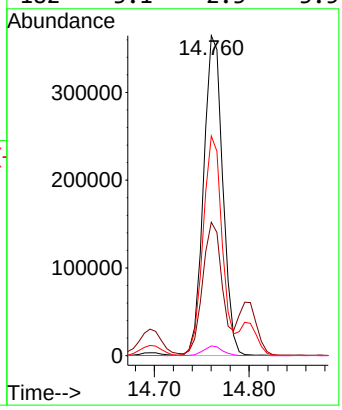


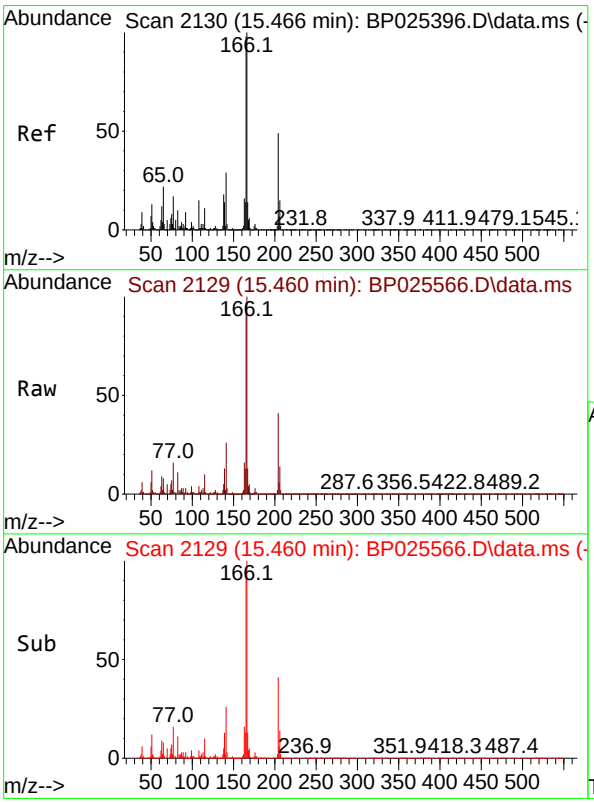
#57
2,4-Dinitrotoluene
Concen: 48.562 ng
RT: 14.760 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:165 Resp: 510206

Ion	Ratio	Lower	Upper
165	100		
63	41.7	31.4	47.2
89	68.7	53.3	79.9
182	3.1	2.3	3.5

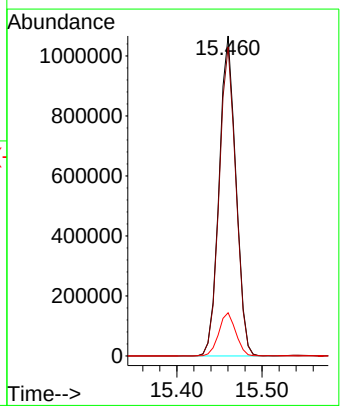


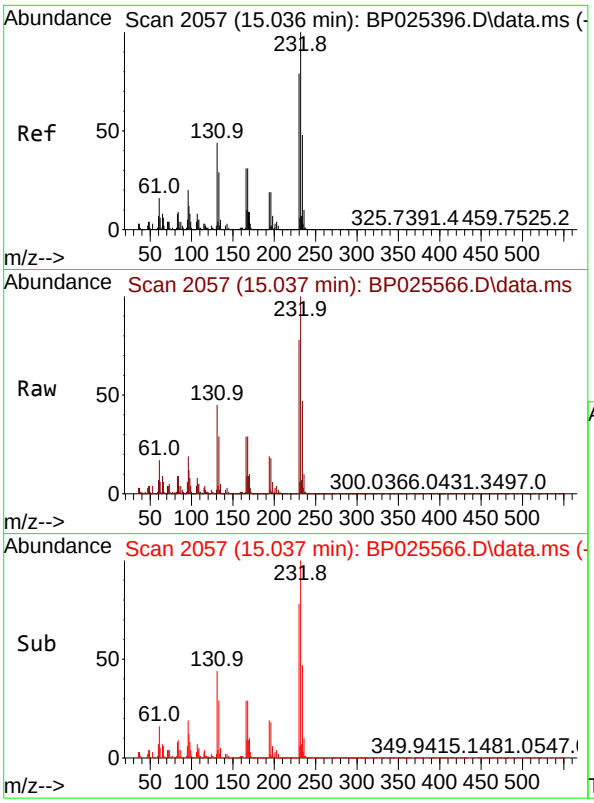


#58
Fluorene
Concen: 44.592 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:166 Resp: 1457490

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.8	118.2
167	13.5	11.0	16.4



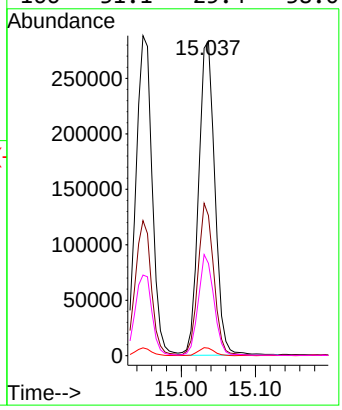


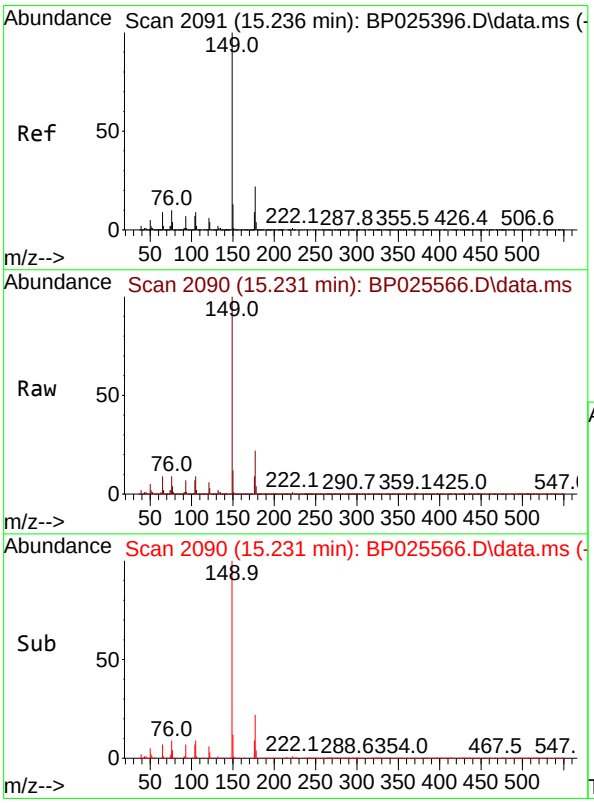
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.828 ng
RT: 15.037 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:232 Resp: 430559

Ion	Ratio	Lower	Upper
232	100		
131	46.5	37.0	55.6
130	2.5	1.9	2.9
166	31.1	25.4	38.0

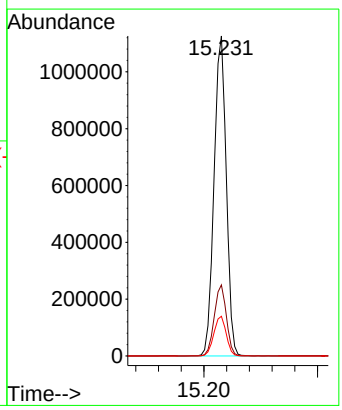


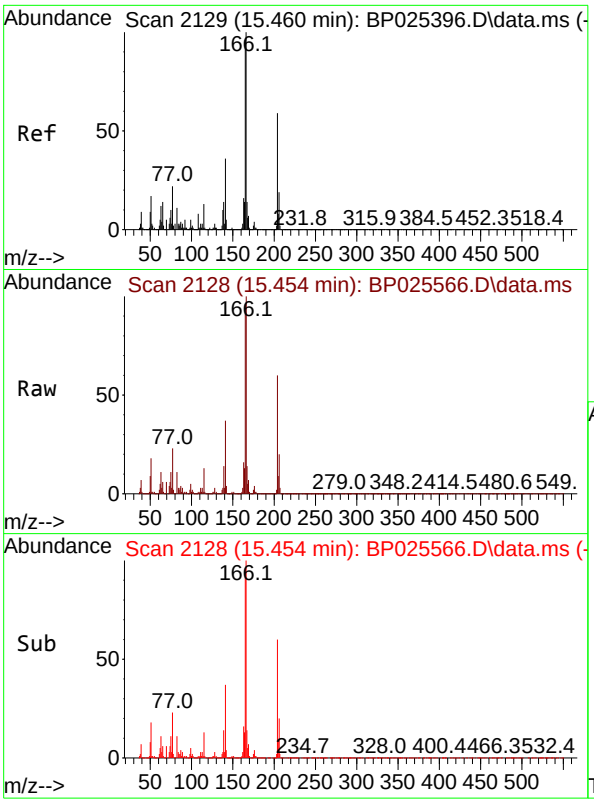


#60
Diethylphthalate
Concen: 47.157 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:149 Resp: 1674080

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.3	25.9
150	12.4	10.3	15.5



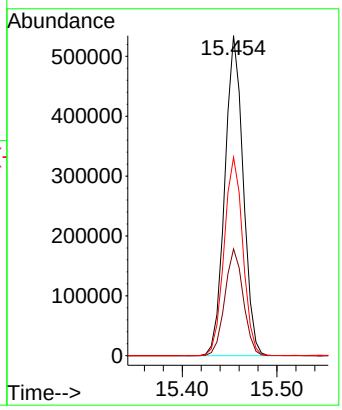


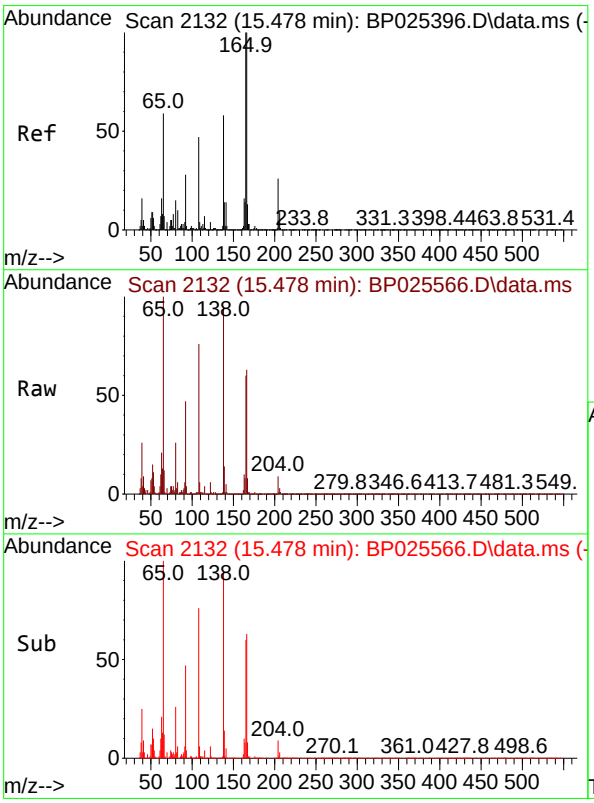
#61
4-Chlorophenyl-phenylether
Concen: 44.215 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:204 Resp: 718739

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.8
141	62.0	49.4	74.2

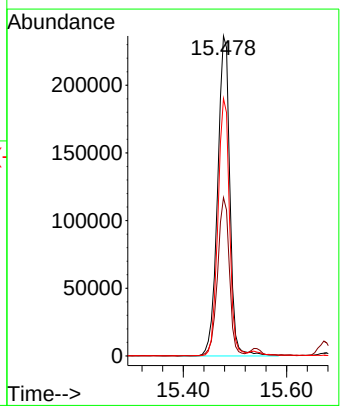


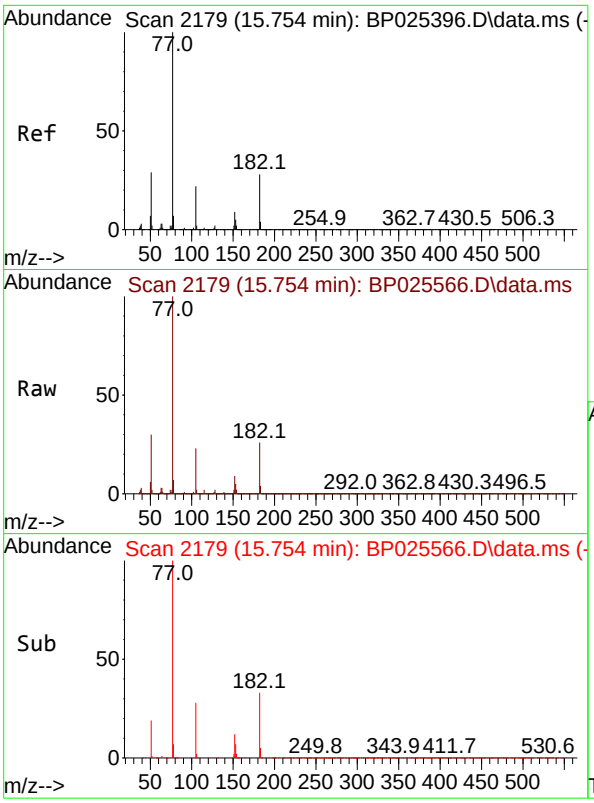


#62
4-Nitroaniline
Concen: 45.878 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:138 Resp: 389666

Ion	Ratio	Lower	Upper
138	100		
92	49.5	29.1	69.1
108	80.4	61.5	101.5



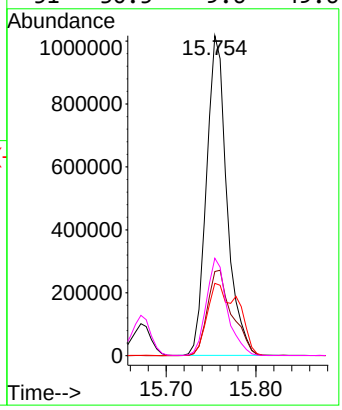


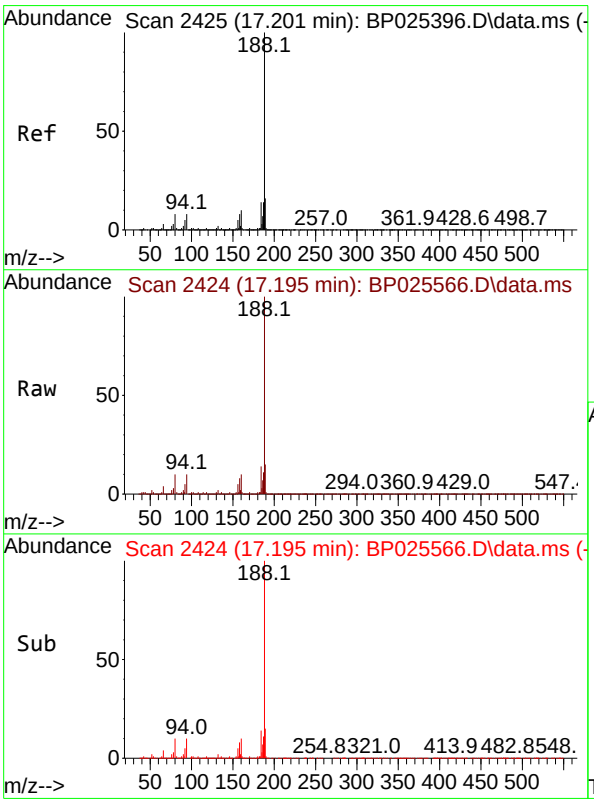
#63
Azobenzene
Concen: 52.868 ng
RT: 15.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion: 77 Resp: 1607047

Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.5	47.5
105	22.6	2.1	42.1
51	30.5	9.6	49.6

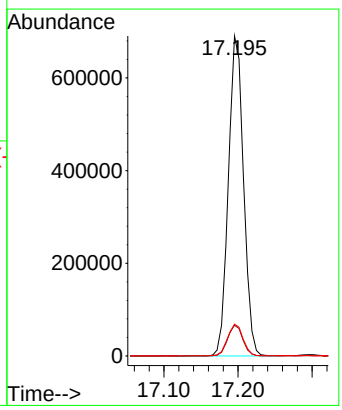


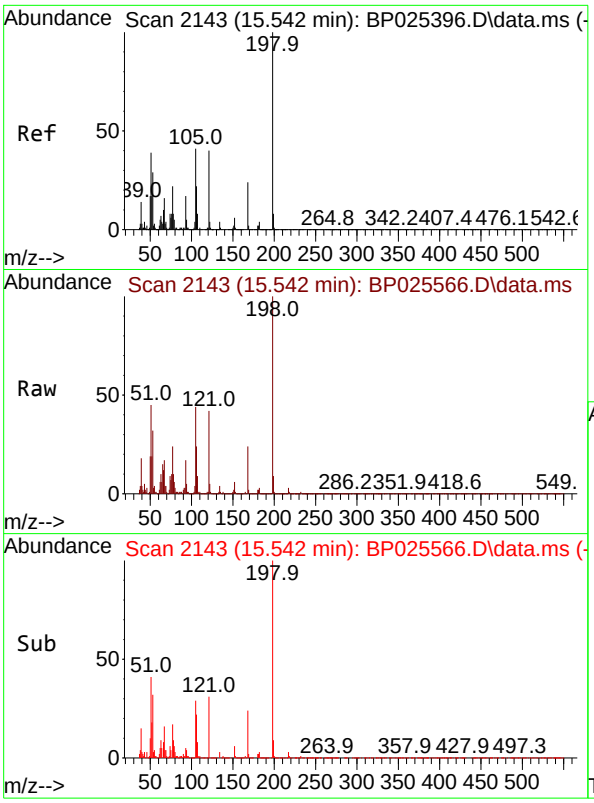


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:188 Resp: 981275

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.6	10.0
80	9.9	6.7	10.1



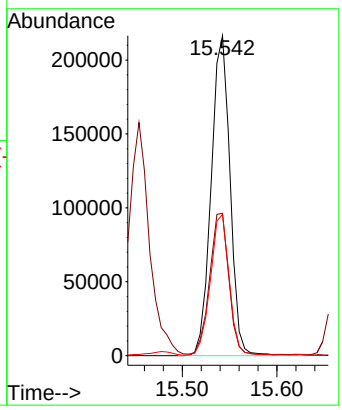


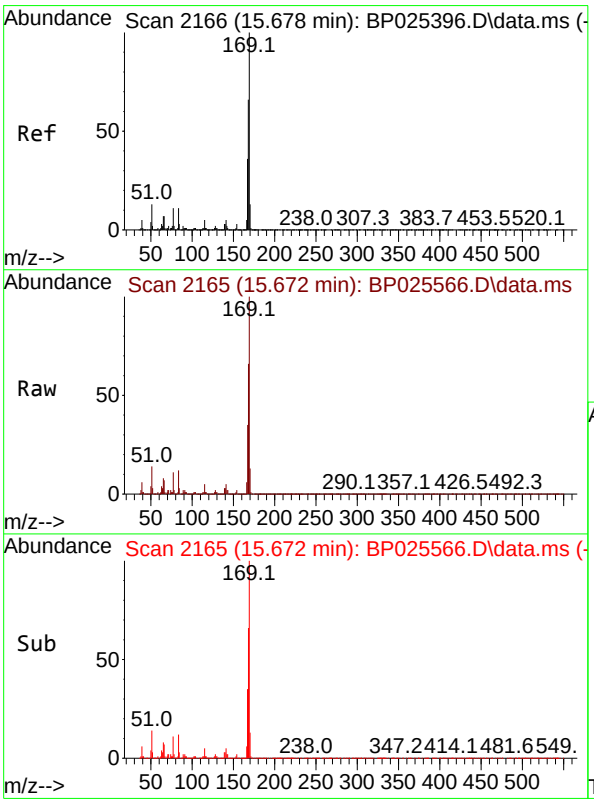
#65
4,6-Dinitro-2-methylphenol
Concen: 48.848 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:198 Resp: 298793

Ion	Ratio	Lower	Upper
198	100		
51	44.5	19.6	59.6
105	44.2	20.9	60.9

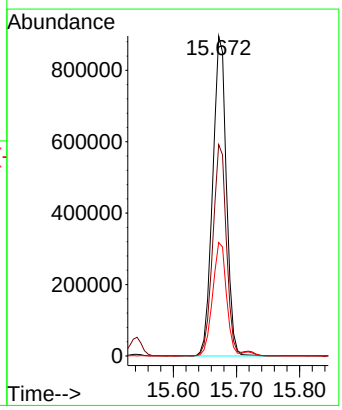


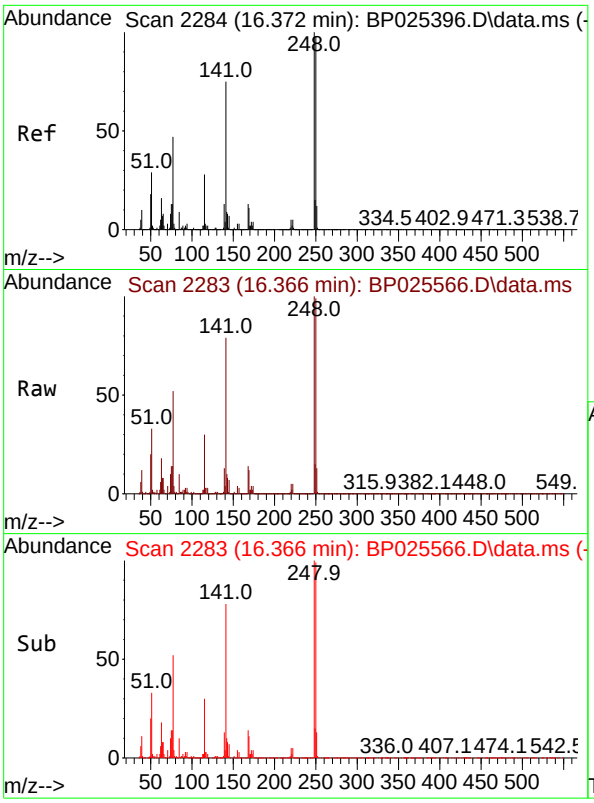


#66
n-Nitrosodiphenylamine
Concen: 44.971 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:169 Resp: 1345679

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.2	79.8
167	35.4	28.7	43.1



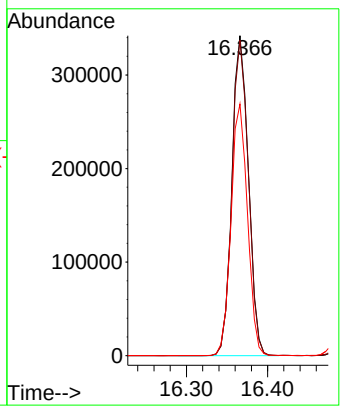


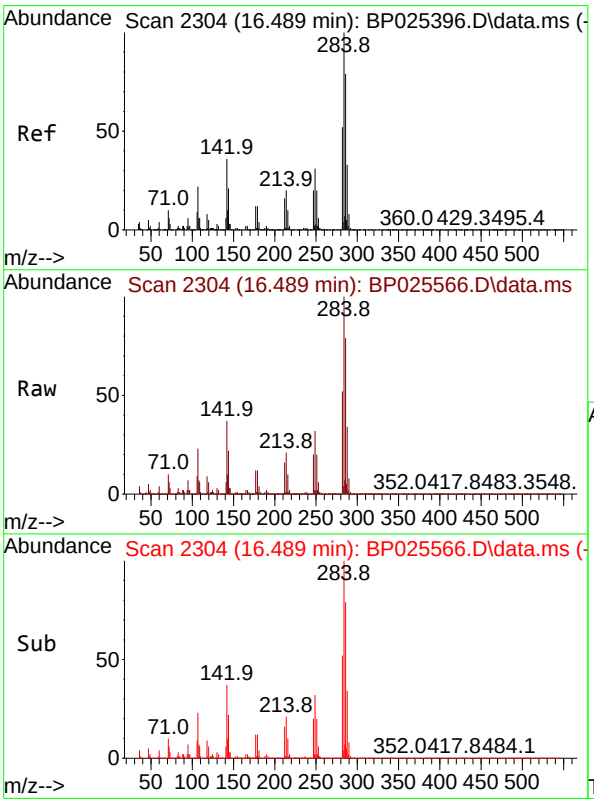
#67
4-Bromophenyl-phenylether
Concen: 44.709 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:248 Resp: 482512

Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.2	117.2
141	78.7	59.6	89.4

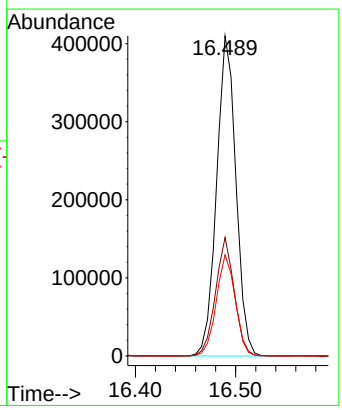


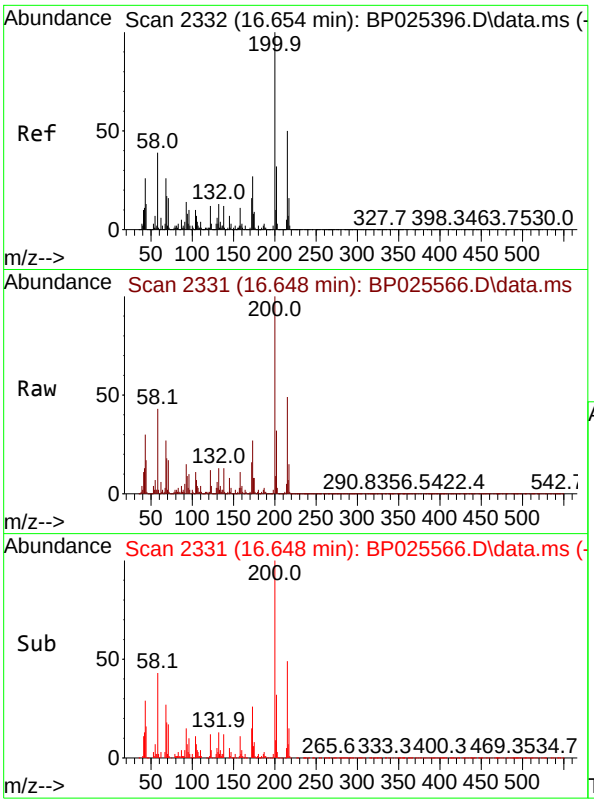


#68
Hexachlorobenzene
Concen: 43.756 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:284 Resp: 547409

Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.1	43.7
249	31.6	25.0	37.4



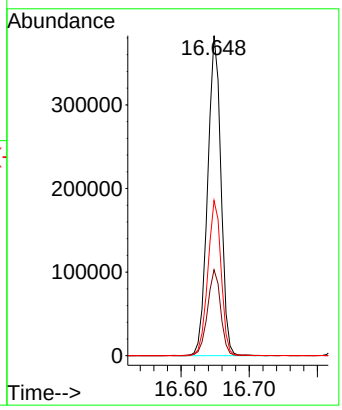


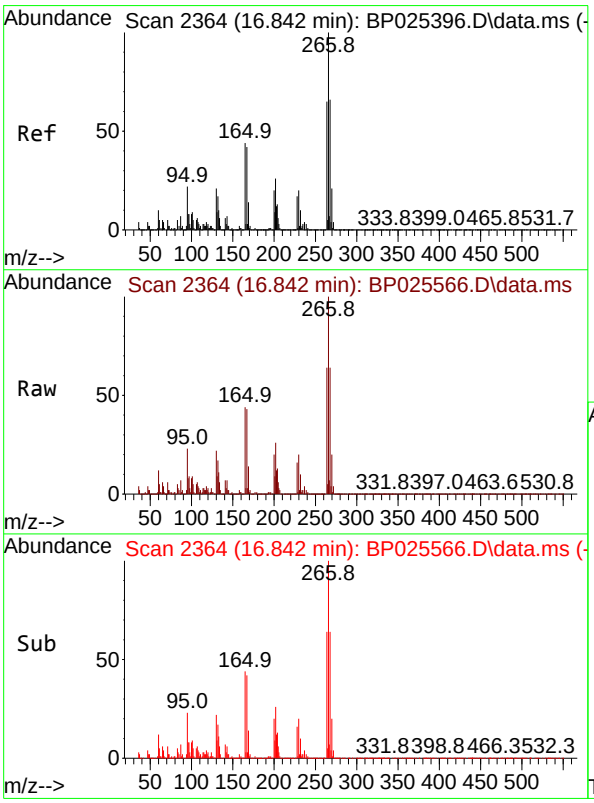
#69
Atrazine
Concen: 46.243 ng
RT: 16.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:200 Resp: 518208

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.7	46.7
215	48.5	29.7	69.7

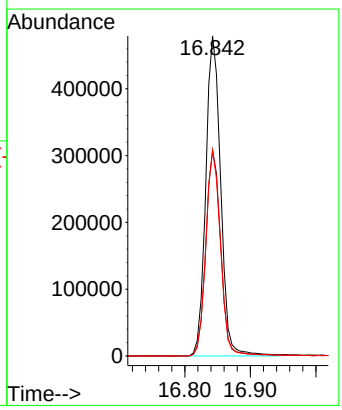


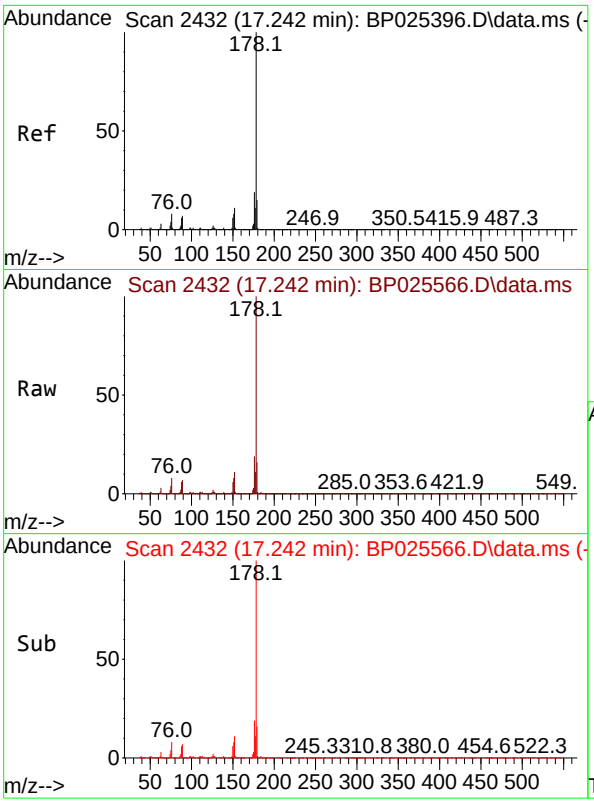


#70
Pentachlorophenol
Concen: 96.126 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:266 Resp: 759126

Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.6	79.0
264	64.2	52.0	78.0



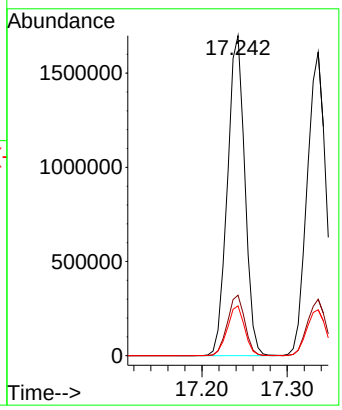


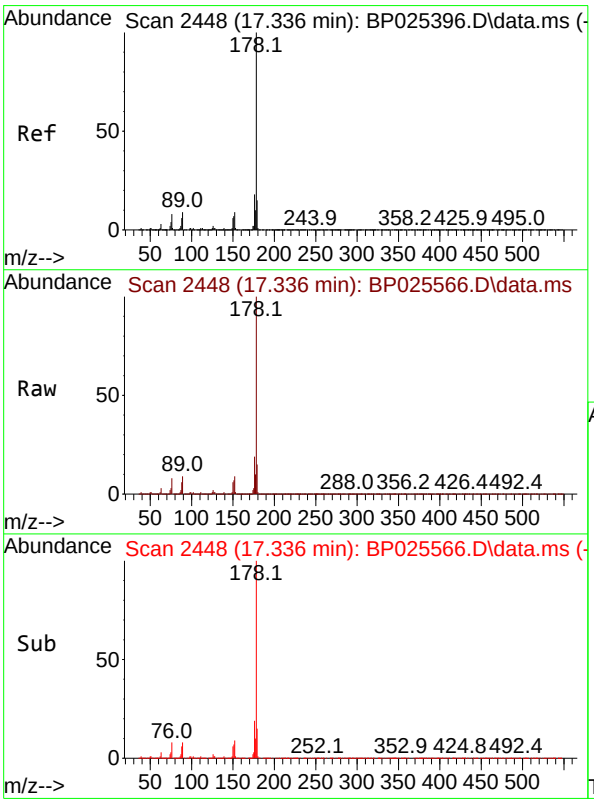
#71
Phenanthrene
Concen: 44.717 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:178 Resp: 2410457

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.6	12.2	18.4

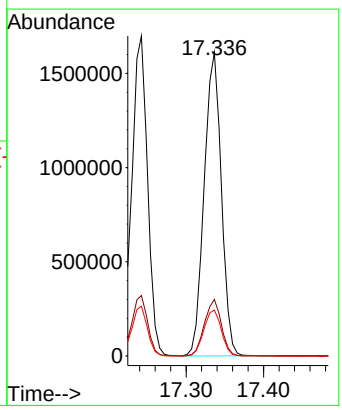


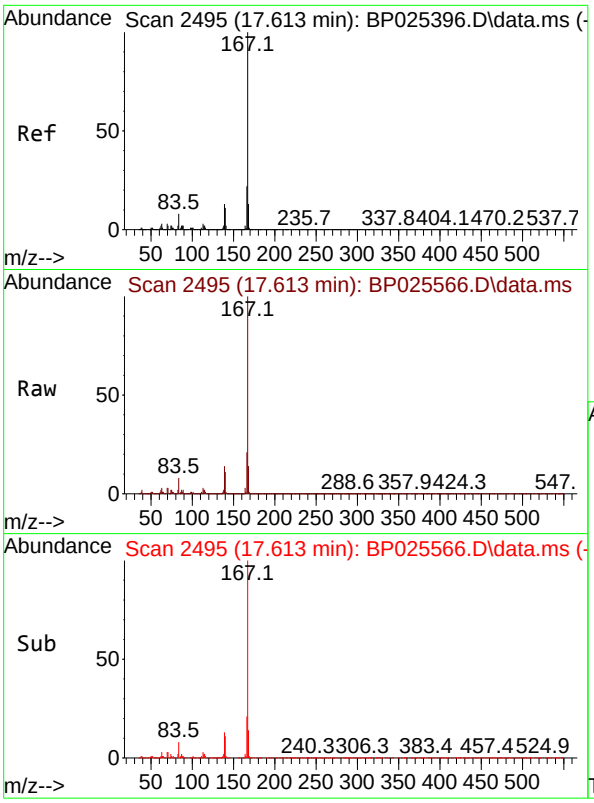


#72
Anthracene
Concen: 44.991 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:178 Resp: 2476625

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.1	12.2	18.2



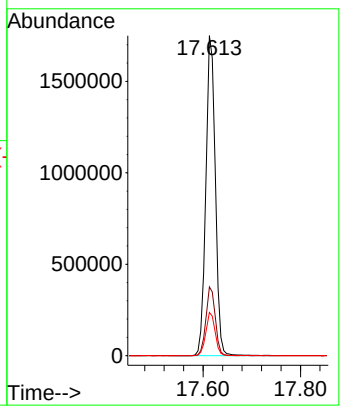


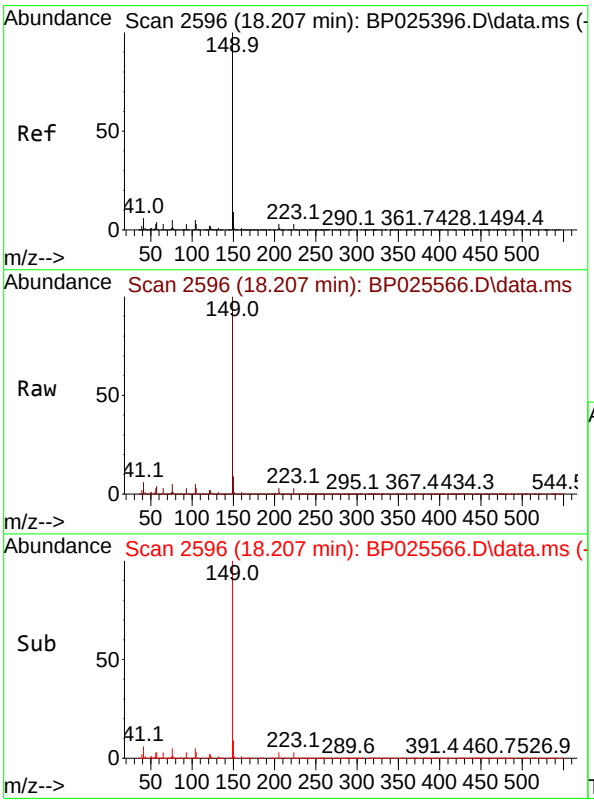
#73
Carbazole
Concen: 45.361 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:167 Resp: 2351976

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	13.5	10.6	16.0

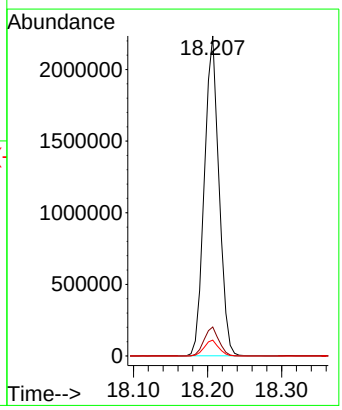


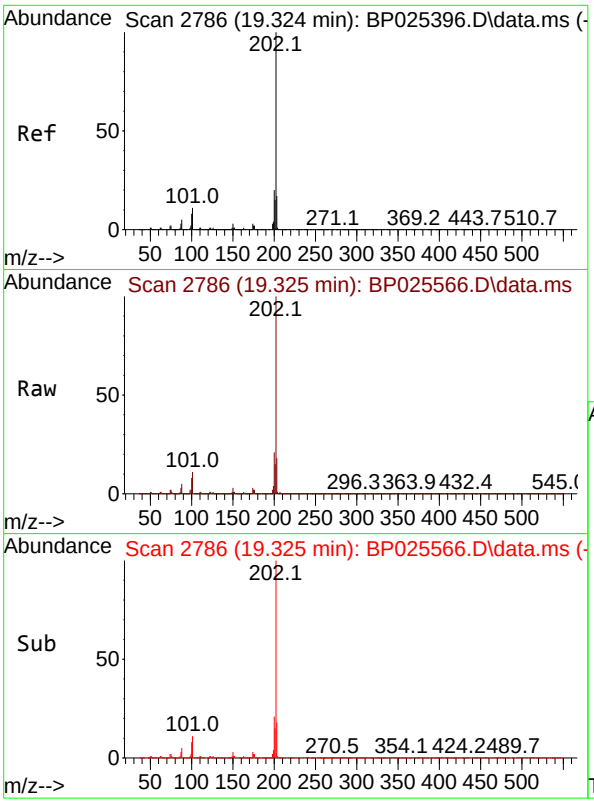


#74
Di-n-butylphthalate
Concen: 47.965 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:149 Resp: 3059800

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.0	4.2	6.2



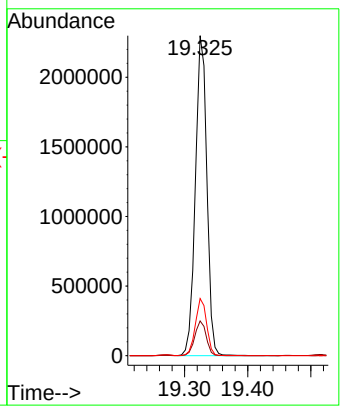


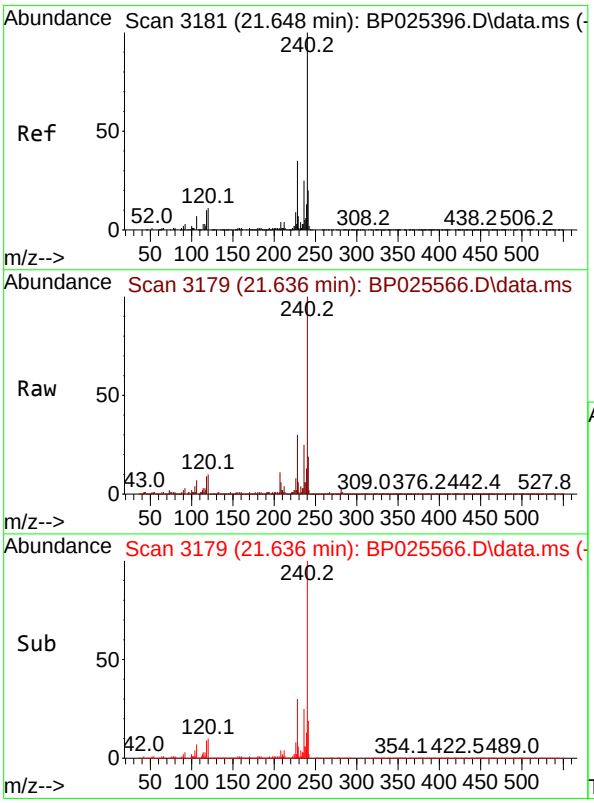
#75
Fluoranthene
Concen: 44.964 ng
RT: 19.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:202 Resp: 2891120

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.1
203	17.9	0.0	37.3

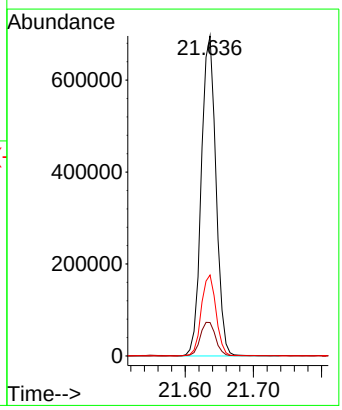


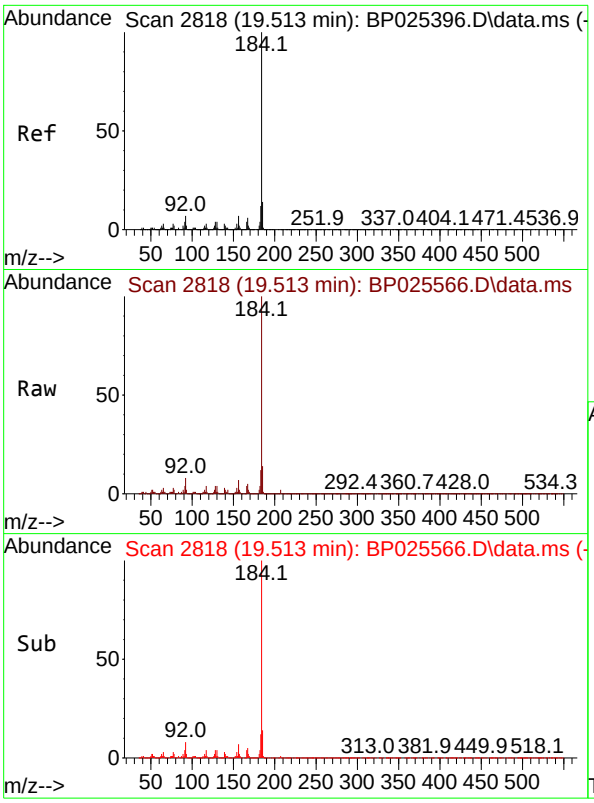


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:240 Resp: 1041821

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.3	19.8	29.8



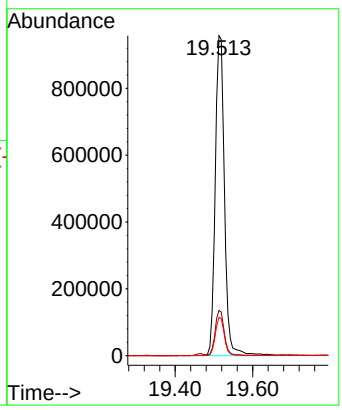


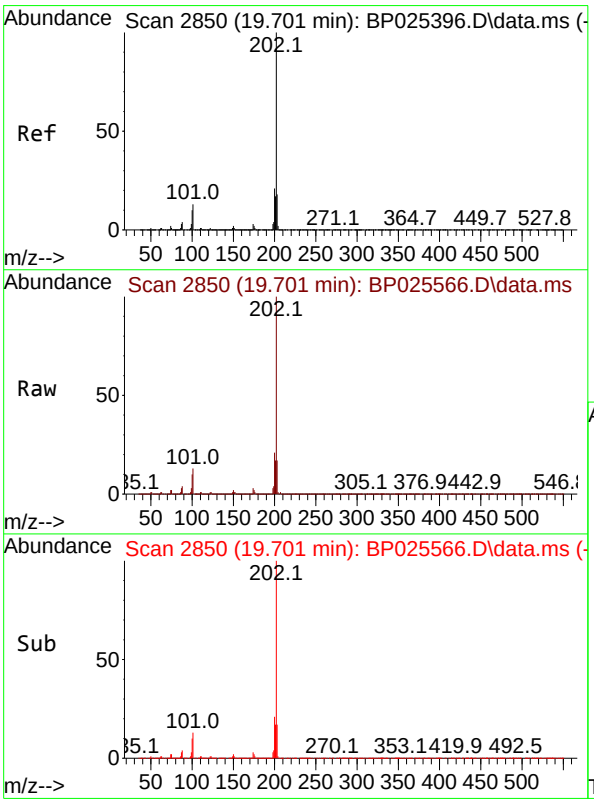
#77
Benzidine
Concen: 44.603 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:184 Resp: 1585871

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	12.0	9.4	14.2

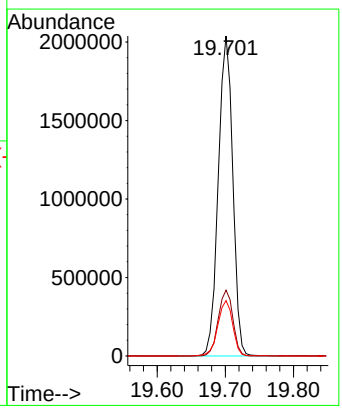


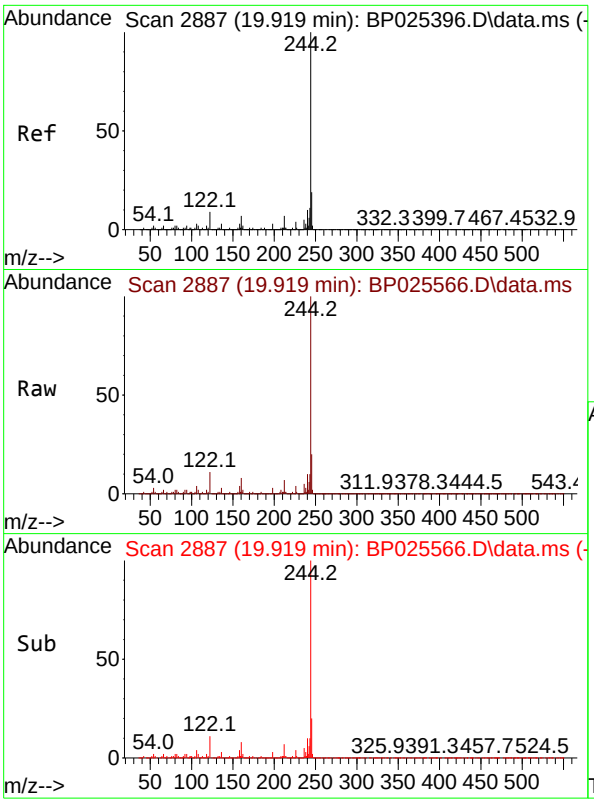


#78
Pyrene
Concen: 44.468 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:202 Resp: 3011186

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.3	14.2	21.2



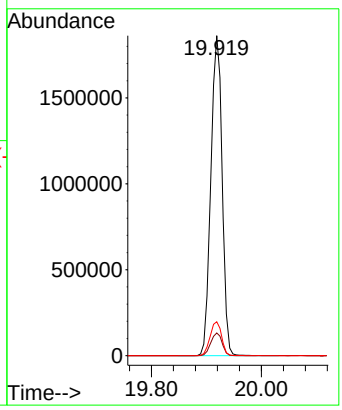


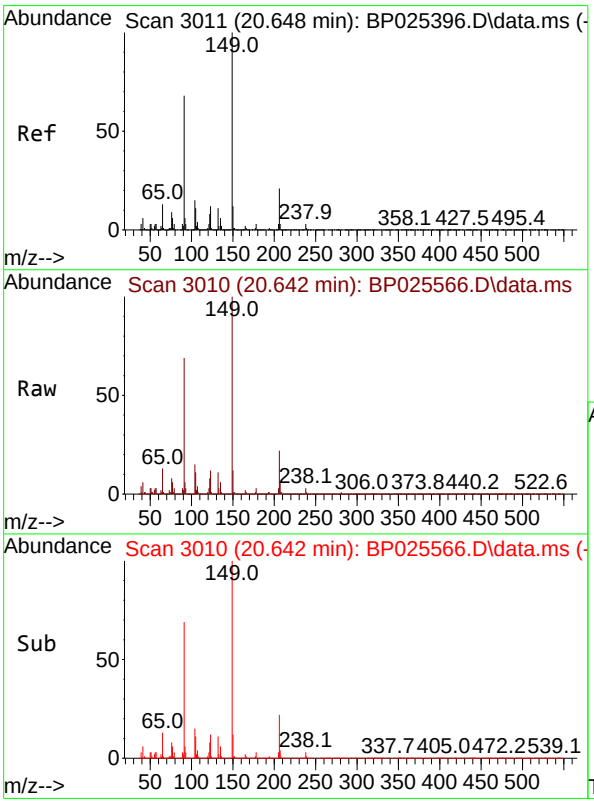
#79
Terphenyl-d14
Concen: 46.604 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:244 Resp: 2653819

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	10.6	7.4	11.2

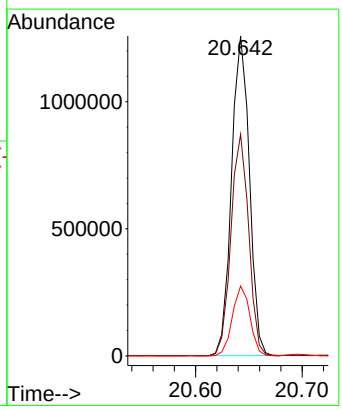


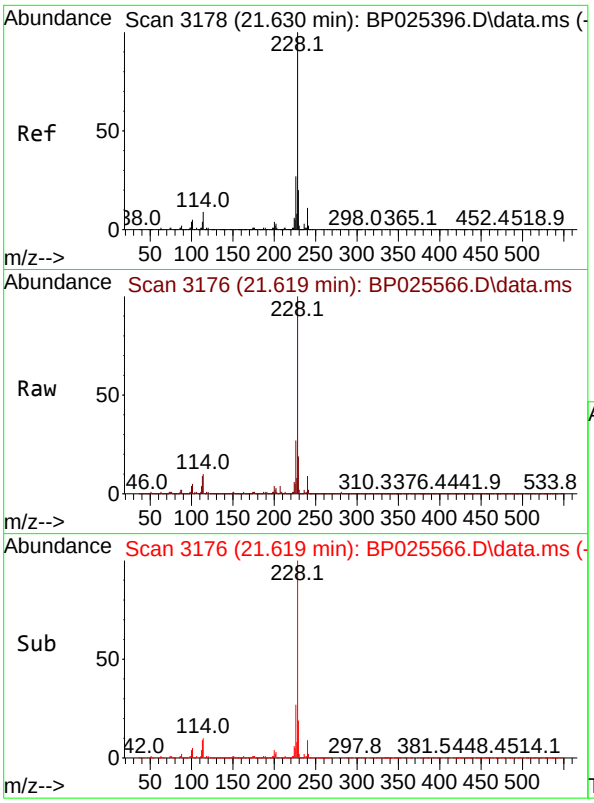


#80
Butylbenzylphthalate
Concen: 47.861 ng
RT: 20.642 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:149 Resp: 1468810

Ion	Ratio	Lower	Upper
149	100		
91	69.3	54.2	81.2
206	21.8	16.6	24.8



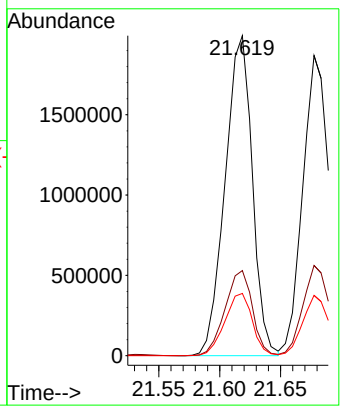


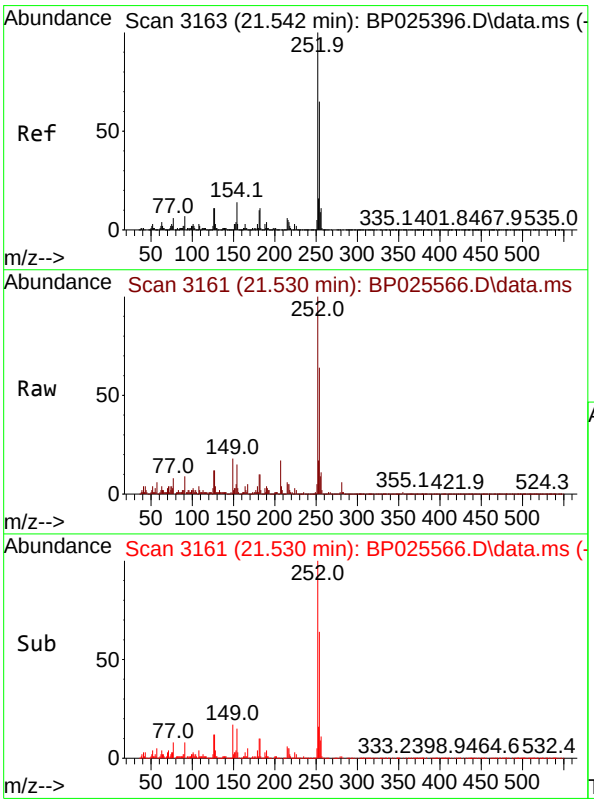
#81
Benzo(a)anthracene
Concen: 45.055 ng
RT: 21.619 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:228 Resp: 3095658

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.5	15.6	23.4

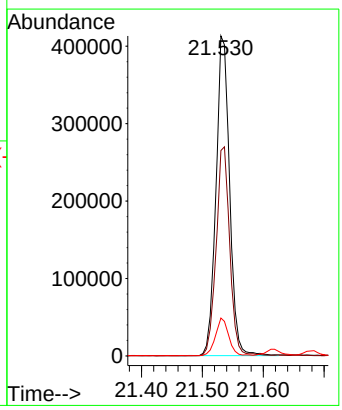


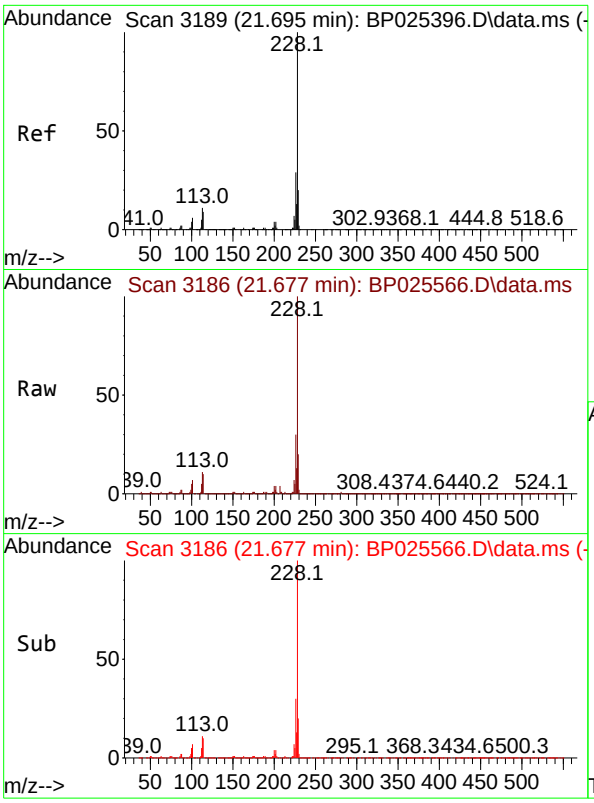


#82
3,3'-Dichlorobenzidine
Concen: 24.753 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:252 Resp: 641046

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.8	77.6
126	11.8	9.1	13.7



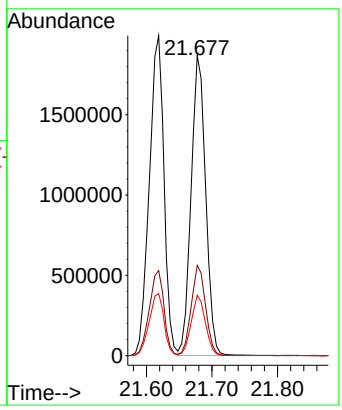


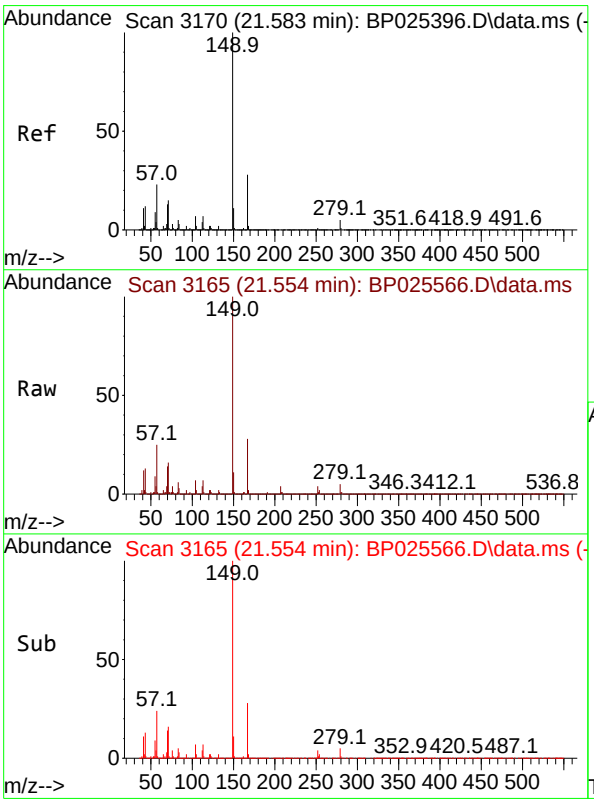
#83
Chrysene
Concen: 44.832 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:228 Resp: 2884738

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.2	34.8
229	20.1	15.6	23.4

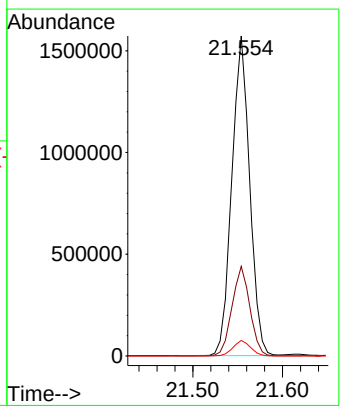


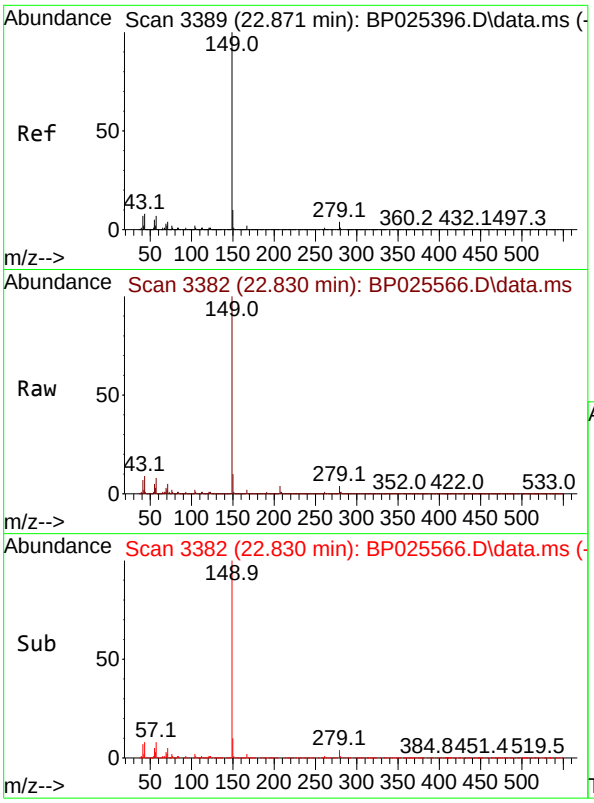


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.019 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:149 Resp: 2169321

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.8	3.8	5.6



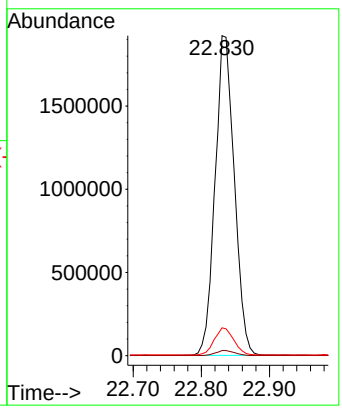


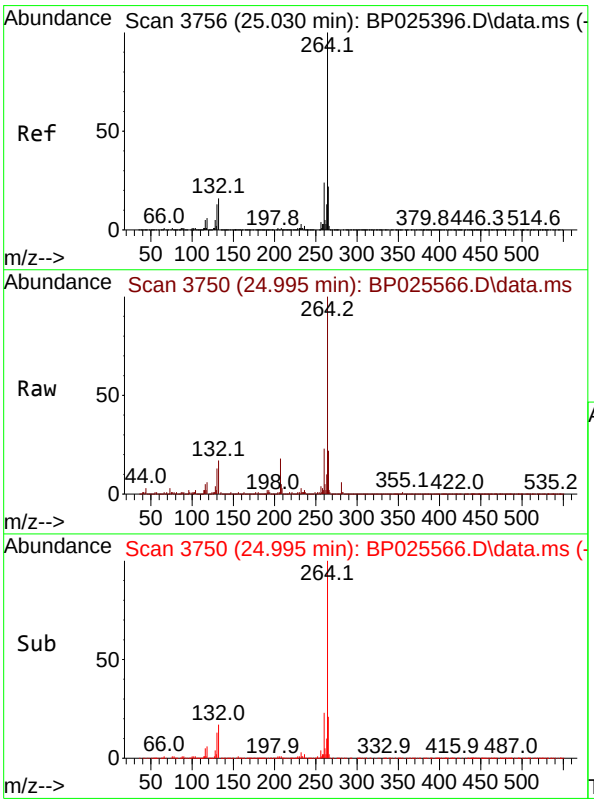
#85
Di-n-octyl phthalate
Concen: 48.478 ng
RT: 22.830 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:149 Resp: 3767003

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	6.3	9.5

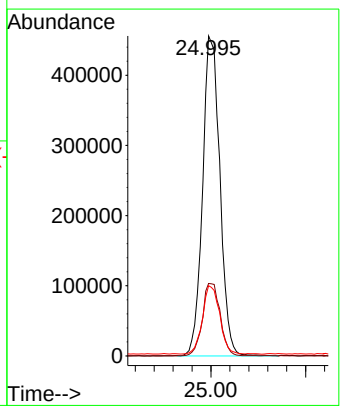


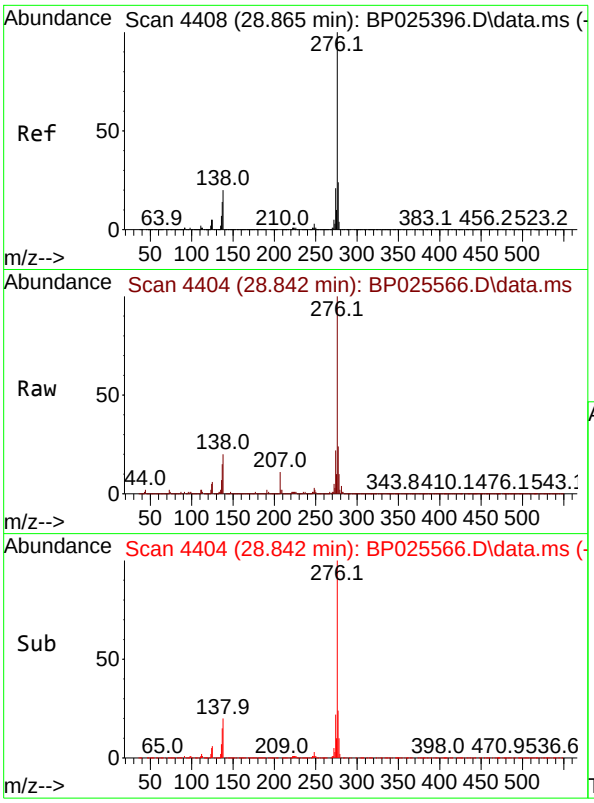


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.035 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:264 Resp: 1158707

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.3	28.9
265	22.0	17.4	26.0



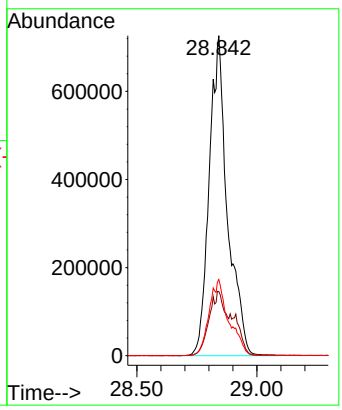


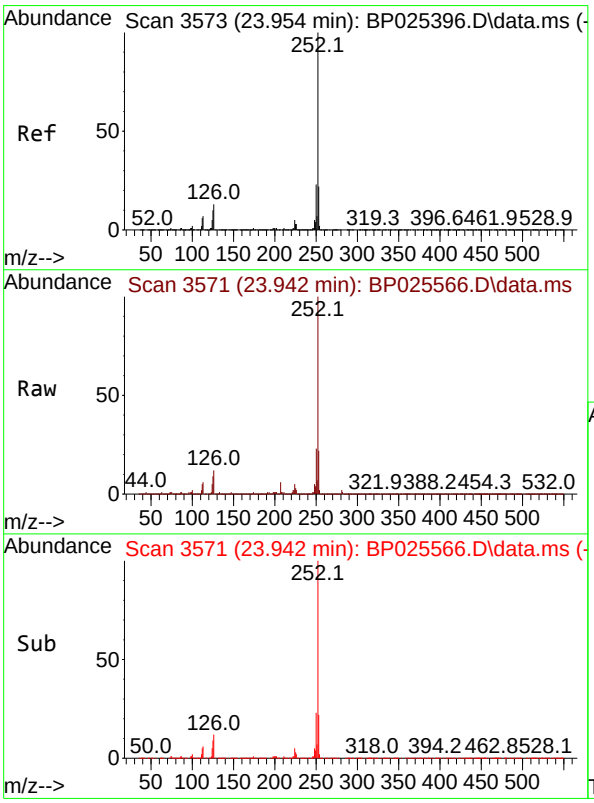
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.261 ng
RT: 28.842 min Scan# 44
Delta R.T. -0.023 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:276 Resp: 3846073

Ion	Ratio	Lower	Upper
276	100		
138	18.0	12.9	19.3
277	25.4	17.0	25.6

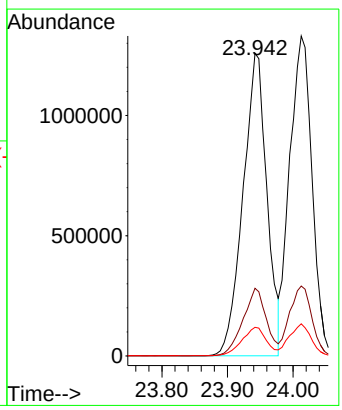


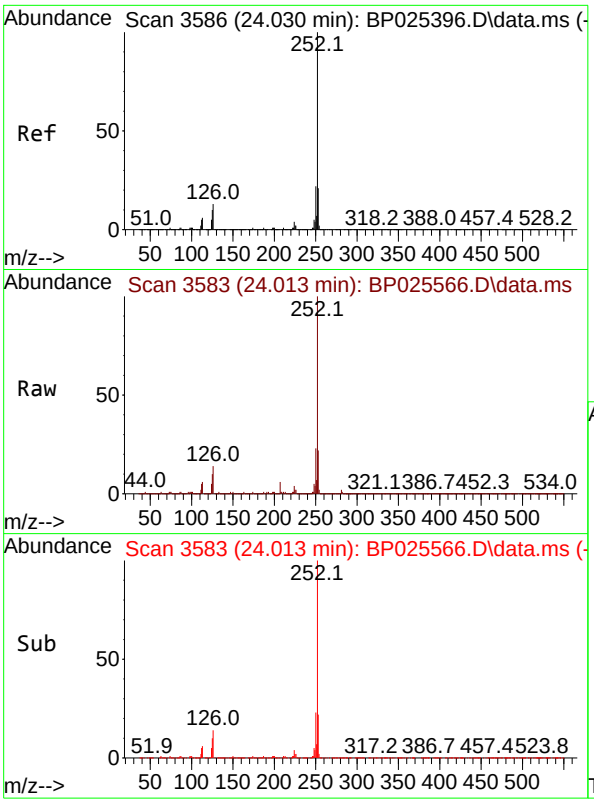


#88
Benzo(b)fluoranthene
Concen: 46.732 ng
RT: 23.942 min Scan# 3571
Delta R.T. -0.012 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:252 Resp: 3192995

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.4	7.9	11.9



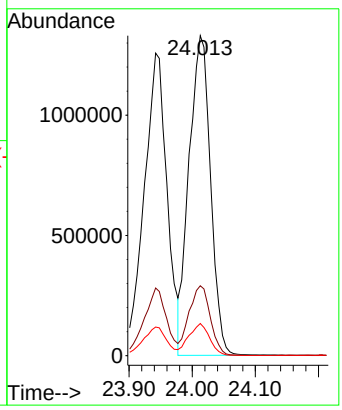


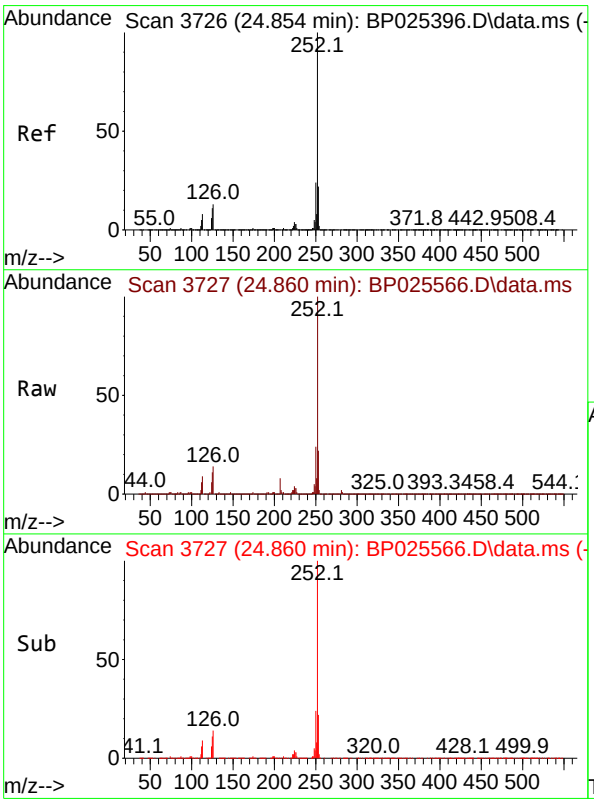
#89
Benzo(k)fluoranthene
Concen: 46.009 ng
RT: 24.013 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:252 Resp: 3145757

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.1	7.8	11.6

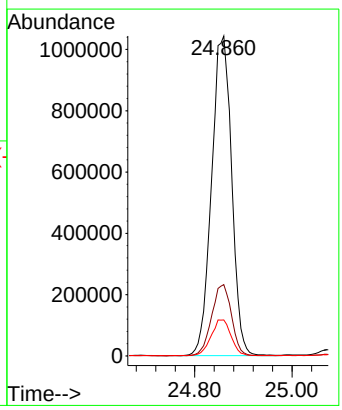


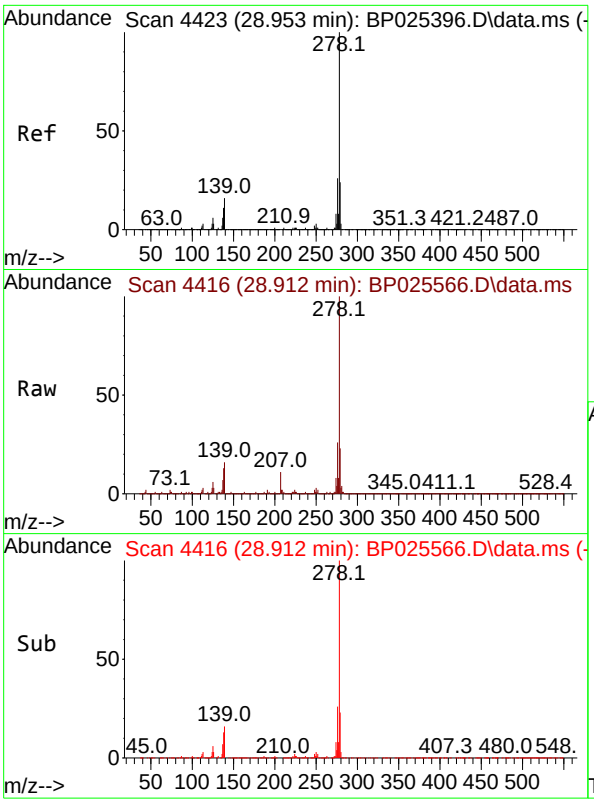


#90
Benzo(a)pyrene
Concen: 45.004 ng
RT: 24.860 min Scan# 3727
Delta R.T. 0.006 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:252 Resp: 2993187

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.3	8.7	13.1



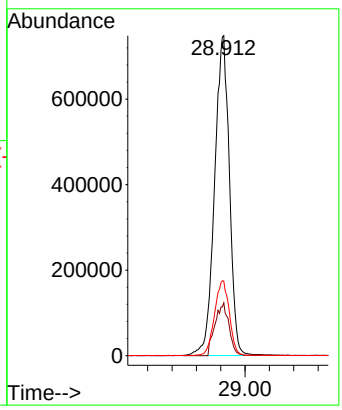


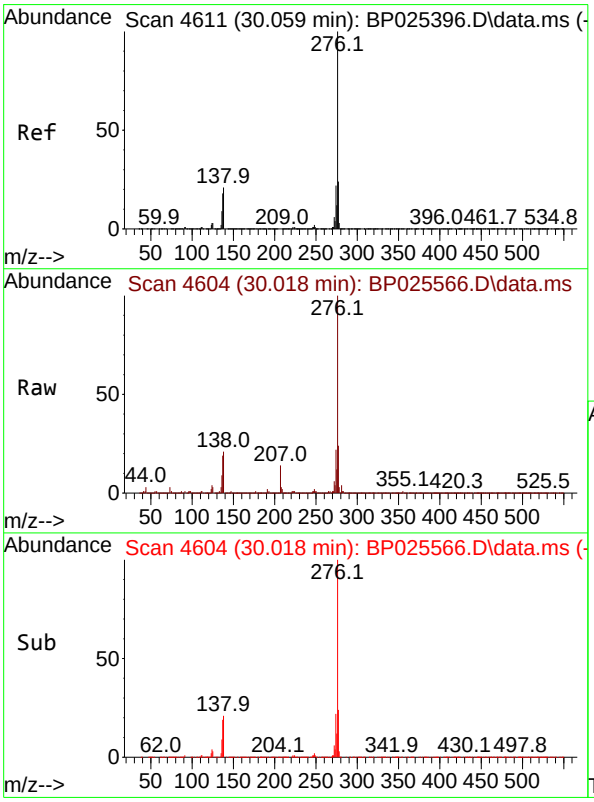
#91
Dibenzo(a,h)anthracene
Concen: 45.524 ng
RT: 28.912 min Scan# 44
Delta R.T. -0.041 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Instrument :
BNA_P
ClientSampleId :
29-SEPTICMSD

Tgt Ion:278 Resp: 3161289

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.0	19.4
279	23.3	19.4	29.2

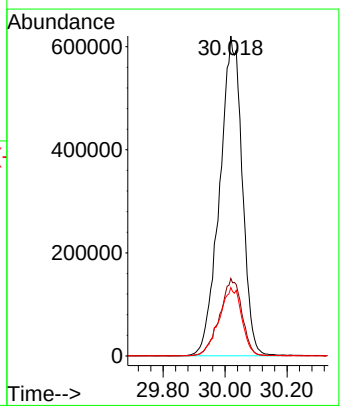




#92
Benzo(g,h,i)perylene
Concen: 45.844 ng
RT: 30.018 min Scan# 4604
Delta R.T. -0.041 min
Lab File: BP025566.D
Acq: 25 Aug 2025 15:43

Tgt Ion:276 Resp: 3129365

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	21.4	16.7	25.1



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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
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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Manual Integration Report

Sequence:	BP082525	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	bp082625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2928-01	BP025594.D	Chrysene	Rahul	8/27/2025 9:26:49 AM	Jagrut	8/27/2025 11:37:08 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP082725	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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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_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	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	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025560.D	25 Aug 2025 10:24	CG/JU	Ok
2	SSTDCCC040	BP025561.D	25 Aug 2025 12:13	CG/JU	Ok
3	PB169362BL	BP025562.D	25 Aug 2025 12:54	CG/JU	Ok
4	SP6865	BP025563.D	25 Aug 2025 13:36	CG/JU	Ok
5	Q2933-04	BP025564.D	25 Aug 2025 14:21	CG/JU	Ok
6	Q2933-04MS	BP025565.D	25 Aug 2025 15:02	CG/JU	Ok
7	Q2933-04MSD	BP025566.D	25 Aug 2025 15:43	CG/JU	Ok
8	Q2932-05	BP025567.D	25 Aug 2025 16:25	CG/JU	Ok
9	Q2933-02	BP025568.D	25 Aug 2025 17:06	CG/JU	Ok
10	Q2909-02	BP025569.D	25 Aug 2025 17:48	CG/JU	Ok,M
11	Q2909-02MS	BP025570.D	25 Aug 2025 18:29	CG/JU	Ok,M
12	Q2909-02MSD	BP025571.D	25 Aug 2025 19:11	CG/JU	Ok,M
13	Q2932-01	BP025572.D	25 Aug 2025 19:52	CG/JU	Ok
14	Q2949-01	BP025573.D	25 Aug 2025 20:33	CG/JU	Ok
15	Q2941-01	BP025574.D	25 Aug 2025 21:14	CG/JU	Ok,M
16	Q2947-01	BP025575.D	25 Aug 2025 21:55	CG/JU	Ok,M
17	Q2932-03	BP025576.D	25 Aug 2025 22:37	CG/JU	Not Ok
18	Q2947-03	BP025577.D	25 Aug 2025 23:18	CG/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082625

Review By	Rahul	Review On	8/27/2025 9:27:24 AM				
Supervise By	Jagrut	Supervise On	8/27/2025 11:38:38 AM				
SubDirectory	BP082625	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	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025578.D	26 Aug 2025 08:59	CG/JU	Ok
2	SSTDCCC040	BP025579.D	26 Aug 2025 10:21	CG/JU	Ok
3	PB169325TB	BP025580.D	26 Aug 2025 11:02	CG/JU	Ok
4	PB169362BS	BP025581.D	26 Aug 2025 11:44	CG/JU	Ok
5	Q2941-02	BP025582.D	26 Aug 2025 12:29	CG/JU	Ok
6	Q2924-05DL	BP025583.D	26 Aug 2025 13:10	CG/JU	Dilution
7	Q2932-03	BP025584.D	26 Aug 2025 13:51	CG/JU	Ok,M
8	Q2926-01	BP025585.D	26 Aug 2025 14:33	CG/JU	Ok
9	Q2924-05DL2	BP025586.D	26 Aug 2025 15:14	CG/JU	Ok
10	Q2940-01	BP025587.D	26 Aug 2025 15:55	CG/JU	Ok
11	Q2924-08	BP025588.D	26 Aug 2025 16:37	CG/JU	Ok
12	Q2924-09	BP025589.D	26 Aug 2025 17:18	CG/JU	Ok
13	Q2924-06	BP025590.D	26 Aug 2025 17:59	CG/JU	Ok
14	Q2936-02	BP025591.D	26 Aug 2025 18:41	CG/JU	Dilution
15	Q2947-03	BP025592.D	26 Aug 2025 19:22	CG/JU	Ok,M
16	Q2892-02	BP025593.D	26 Aug 2025 20:03	CG/JU	Ok
17	Q2928-01	BP025594.D	26 Aug 2025 20:44	CG/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082725

Review By	Rahul	Review On	8/28/2025 8:32:26 AM				
Supervise By	Jagrut	Supervise On	8/28/2025 1:40:30 PM				
SubDirectory	BP082725	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	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025595.D	27 Aug 2025 08:58	CG/JU	Ok
2	SSTDCCC040	BP025596.D	27 Aug 2025 09:39	CG/JU	Ok
3	PB169370BL	BP025597.D	27 Aug 2025 10:20	CG/JU	Ok
4	PB169370BS	BP025598.D	27 Aug 2025 11:01	CG/JU	Ok
5	PB169382BL	BP025599.D	27 Aug 2025 11:42	CG/JU	Ok
6	PB169382BS	BP025600.D	27 Aug 2025 12:23	CG/JU	Ok
7	Q2924-02	BP025601.D	27 Aug 2025 13:37	CG/JU	Dilution
8	Q2924-03MS	BP025602.D	27 Aug 2025 14:18	CG/JU	Ok,M
9	Q2924-04MSD	BP025603.D	27 Aug 2025 15:00	CG/JU	Ok,M
10	Q2936-02DL	BP025604.D	27 Aug 2025 15:41	CG/JU	Dilution
11	Q2936-02DL2	BP025605.D	27 Aug 2025 16:22	CG/JU	Ok
12	Q2921-01	BP025606.D	27 Aug 2025 17:03	CG/JU	Ok
13	Q2924-02DL	BP025607.D	27 Aug 2025 17:44	CG/JU	Dilution
14	Q2924-02DL2	BP025608.D	27 Aug 2025 18:26	CG/JU	Ok

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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Fax : 908 789 8922

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

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	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	S13173,10ul/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	BP025560.D	25 Aug 2025 10:24		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025561.D	25 Aug 2025 12:13		CG/JU	Ok
3	PB169362BL	PB169362BL	BP025562.D	25 Aug 2025 12:54		CG/JU	Ok
4	SP6865	SP6865	BP025563.D	25 Aug 2025 13:36		CG/JU	Ok
5	Q2933-04	29-SEPTIC	BP025564.D	25 Aug 2025 14:21		CG/JU	Ok
6	Q2933-04MS	29-SEPTICMS	BP025565.D	25 Aug 2025 15:02		CG/JU	Ok
7	Q2933-04MSD	29-SEPTICMSD	BP025566.D	25 Aug 2025 15:43		CG/JU	Ok
8	Q2932-05	ARS20-0002-CONCRE	BP025567.D	25 Aug 2025 16:25		CG/JU	Ok
9	Q2933-02	25-SEPTIC	BP025568.D	25 Aug 2025 17:06		CG/JU	Ok
10	Q2909-02	4065	BP025569.D	25 Aug 2025 17:48	Internal Standard Fail	CG/JU	Ok,M
11	Q2909-02MS	4065MS	BP025570.D	25 Aug 2025 18:29	Internal Standard Fail	CG/JU	Ok,M
12	Q2909-02MSD	4065MSD	BP025571.D	25 Aug 2025 19:11	Internal standard fail	CG/JU	Ok,M
13	Q2932-01	ARS20-0009	BP025572.D	25 Aug 2025 19:52		CG/JU	Ok
14	Q2949-01	367	BP025573.D	25 Aug 2025 20:33		CG/JU	Ok
15	Q2941-01	SOIL-COMP(1-2)	BP025574.D	25 Aug 2025 21:14		CG/JU	Ok,M
16	Q2947-01	291	BP025575.D	25 Aug 2025 21:55		CG/JU	Ok,M
17	Q2932-03	ARS20-0002-SOIL	BP025576.D	25 Aug 2025 22:37	Out of tune time	CG/JU	Not Ok
18	Q2947-03	235	BP025577.D	25 Aug 2025 23:18	Out of tune time	CG/JU	Not Ok

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	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	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082625

Review By	Rahul	Review On	8/27/2025 9:27:24 AM		
Supervise By	Jagrut	Supervise On	8/27/2025 11:38:38 AM		
SubDirectory	BP082625	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	S13173,10ul/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	BP025578.D	26 Aug 2025 08:59		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025579.D	26 Aug 2025 10:21		CG/JU	Ok
3	PB169325TB	PB169325TB	BP025580.D	26 Aug 2025 11:02		CG/JU	Ok
4	PB169362BS	PB169362BS	BP025581.D	26 Aug 2025 11:44		CG/JU	Ok
5	Q2941-02	SOIL-COMP(1-2)	BP025582.D	26 Aug 2025 12:29		CG/JU	Ok
6	Q2924-05DL	MW-2B-082025DL	BP025583.D	26 Aug 2025 13:10	Need 2X further Dilution	CG/JU	Dilution
7	Q2932-03	ARS20-0002-SOIL	BP025584.D	26 Aug 2025 13:51	Internal Standard Fail	CG/JU	Ok,M
8	Q2926-01	TR-04-08212025	BP025585.D	26 Aug 2025 14:33		CG/JU	Ok
9	Q2924-05DL2	MW-2B-082025DL2	BP025586.D	26 Aug 2025 15:14		CG/JU	Ok
10	Q2940-01	COMP(1-6)	BP025587.D	26 Aug 2025 15:55		CG/JU	Ok
11	Q2924-08	MW-16A-082025	BP025588.D	26 Aug 2025 16:37		CG/JU	Ok
12	Q2924-09	MW-16C-082025	BP025589.D	26 Aug 2025 17:18		CG/JU	Ok
13	Q2924-06	MW-2A-082025	BP025590.D	26 Aug 2025 17:59		CG/JU	Ok
14	Q2936-02	MW-19B-082125	BP025591.D	26 Aug 2025 18:41	Need 20X Dilution, Then decide further dilution.	CG/JU	Dilution
15	Q2947-03	235	BP025592.D	26 Aug 2025 19:22		CG/JU	Ok,M
16	Q2892-02	1-FLOOR-NORTH-EAS	BP025593.D	26 Aug 2025 20:03		CG/JU	Ok
17	Q2928-01	27-BELL	BP025594.D	26 Aug 2025 20:44		CG/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082725

Review By	Rahul	Review On	8/28/2025 8:32:26 AM		
Supervise By	Jagrut	Supervise On	8/28/2025 1:40:30 PM		
SubDirectory	BP082725	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	S13173,10ul/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	BP025595.D	27 Aug 2025 08:58		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025596.D	27 Aug 2025 09:39		CG/JU	Ok
3	PB169370BL	PB169370BL	BP025597.D	27 Aug 2025 10:20		CG/JU	Ok
4	PB169370BS	PB169370BS	BP025598.D	27 Aug 2025 11:01		CG/JU	Ok
5	PB169382BL	PB169382BL	BP025599.D	27 Aug 2025 11:42		CG/JU	Ok
6	PB169382BS	PB169382BS	BP025600.D	27 Aug 2025 12:23		CG/JU	Ok
7	Q2924-02	MW-201-082025	BP025601.D	27 Aug 2025 13:37	Need 20X dilution then decide further dilution	CG/JU	Dilution
8	Q2924-03MS	MW-201-082025MS	BP025602.D	27 Aug 2025 14:18		CG/JU	Ok,M
9	Q2924-04MSD	MW-201-082025MSD	BP025603.D	27 Aug 2025 15:00		CG/JU	Ok,M
10	Q2936-02DL	MW-19B-082125DL	BP025604.D	27 Aug 2025 15:41	Need further 5X dilution	CG/JU	Dilution
11	Q2936-02DL2	MW-19B-082125DL2	BP025605.D	27 Aug 2025 16:22		CG/JU	Ok
12	Q2921-01	MW1	BP025606.D	27 Aug 2025 17:03		CG/JU	Ok
13	Q2924-02DL	MW-201-082025DL	BP025607.D	27 Aug 2025 17:44	Need further 10X dilution	CG/JU	Dilution
14	Q2924-02DL2	MW-201-082025DL2	BP025608.D	27 Aug 2025 18:26		CG/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/25/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:00
In Date: 08/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136920

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
Q2926-01	TR-04-08212025	1	1.18	10.40	11.58	10.6	90.6	
Q2926-02	TR-04-08212025	2	1.16	11.03	12.19	11.11	90.2	
Q2928-01	27-BELL	3	1.17	10.46	11.63	10.09	85.3	
Q2928-02	27-BELL	4	1.19	10.25	11.44	9.72	83.2	
Q2938-01	LF1-GM	5	1.00	1.00	2.00	2.00	100.0	
Q2938-02	LF1-G	6	1.00	1.00	2.00	2.00	100.0	
Q2939-05	SVOC-GPC-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q2939-06	PEST-GPC-BLANK	8	1.00	1.00	2.00	2.00	100.0	
Q2939-07	PEST-GPC-BLANK-SPIKE	9	1.00	1.00	2.00	2.00	100.0	
Q2939-08	SVOC-GPC2-BLANK	10	1.00	1.00	2.00	2.00	100.0	
Q2939-09	PEST-GPC2-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q2939-10	PEST -GPC2-BLANK-SPIKE	12	1.00	1.00	2.00	2.00	100.0	
Q2941-01	SOIL-COMP(1-2)	13	1.14	10.84	11.98	9.96	81.4	
Q2945-01	34866	14	1.19	10.08	11.27	10.84	95.7	
Q2946-01	820	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2946-02	821	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2947-01	291	17	1.12	10.63	11.75	11.33	96.0	
Q2947-02	291-E2	18	1.14	10.03	11.17	10.7	95.3	
Q2947-03	235	19	1.19	10.43	11.62	11.41	98.0	
Q2947-04	235-E2	20	1.16	10.49	11.65	11.44	98.0	
Q2948-01	KZZ054X-1-1	21	1.00	1.00	2.00	2.00	100.0	PILC
Q2948-02	KZZ054X-1-2	22	1.00	1.00	2.00	2.00	100.0	PILC
Q2948-03	JEH590U-1-1	23	1.00	1.00	2.00	2.00	100.0	PILC
Q2948-04	JEH590U-1-2	24	1.00	1.00	2.00	2.00	100.0	PILC
Q2948-05	JEH590U-2-1	25	1.00	1.00	2.00	2.00	100.0	PILC
Q2948-06	JEH590U-2-2	26	1.00	1.00	2.00	2.00	100.0	PILC
Q2949-01	367	27	1.15	10.38	11.53	11.46	99.3	
Q2949-02	367-E2	28	1.14	11.00	12.14	11.84	97.3	

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/25/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:00
In Date: 08/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136920

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)

VB 136920

WorkList Name : %1-082225 **WorkList ID :** 191408 **Department :** Wet-Chemistry **Date :** 08-22-2025 08:05:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2926-01	TR-04-08212025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/21/2025	Chemtech -SO
Q2926-02	TR-04-08212025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/21/2025	Chemtech -SO
Q2928-01	27-BELL	Solid	Percent Solids	Cool 4 deg C	HERO01	D31	08/21/2025	Chemtech -SO
Q2928-02	27-BELL	Solid	Percent Solids	Cool 4 deg C	HERO01	D31	08/21/2025	Chemtech -SO
Q2938-01	LF1-GM	Solid	Percent Solids	Cool 4 deg C	ENTA08	A23	08/21/2025	Chemtech -SO
Q2938-02	LF1-G	Solid	Percent Solids	Cool 4 deg C	ENTA08	A23	08/21/2025	Chemtech -SO
Q2939-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2939-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2939-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2939-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2939-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2939-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	A41	08/15/2025	Chemtech -SO
Q2941-01	SOIL-COMP(1-2)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/22/2025	Chemtech -SO
Q2945-01	34866	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2946-01	820	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2946-02	821	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2947-01	291	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2947-02	291-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2947-03	235	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2947-04	235-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2948-01	KZZ054X-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO

Date/Time 08/22/25 15:00

Raw Sample Received by: JP (CWC)

Raw Sample Relinquished by: RS (Ext-Lab)

Date/Time 08/22/25 17:15

Raw Sample Received by: RS (Ext-Lab)

Raw Sample Relinquished by: JP (CWC)

WORKLIST(Hardcopy Internal Chain)

VB 136920

WorkList Name : %1-082225 **WorkList ID :** 191408 **Department :** Wet-Chemistry **Date :** 08-22-2025 08:05:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2948-02	KZZ054X-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2948-03	JEH590U-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2948-04	JEH590U-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2948-05	JEH590U-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2948-06	JEH590U-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2949-01	367	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO
Q2949-02	367-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/22/2025	Chemtech -SO

Date/Time 08/22/25 15:00

Raw Sample Received by: JB (WC)

Raw Sample Relinquished by: RS (Ext-Lab)

Date/Time 08/22/25 17:15

Raw Sample Received by: RS (Ext-Lab)

Raw Sample Relinquished by: JB (WC)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169370

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Extraction By: RJ

Balance check: RJ

Filter By: RJ

Balance ID: EX-SC-2

pH Meter ID: N/A

pH Strip Lot#: N/A

Hood ID: 3,7

Extraction Start Date : 08/25/2025

Extraction Start Time : 08:55

Extraction End Date : 08/25/2025

Extraction End Time : 12:10

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Spike Sol 1	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
Methylene Chloride	N/A	E3964
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/25/25	RS (Ext lab)	Rc/SVOC
12:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169370

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 08/25/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169370BL	SBLK370	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U4-1
PB169370BS	SLCS370	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			2
Q2926-01	TR-04-08212025	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		3
Q2928-01	27-BELL	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		4
Q2932-01	ARS20-0009	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	G		5
Q2932-03	ARS20-0002-SOIL	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	G		6
Q2932-05	ARS20-0002-CONCRETE	SVOC-PAH	50.07	N/A	ritesh	Evelyn	1	B	Concrete	U6-1
Q2933-02	25-SEPTIC	SVOC-PAH	50.04	N/A	ritesh	Evelyn	1	B		2
Q2933-04	29-SEPTIC	SVOC-PAH	50.07	N/A	ritesh	Evelyn	1	A		3
Q2933-04MS	29-SEPTICMS	SVOC-PAH	50.02	N/A	ritesh	Evelyn	1	A		4
Q2933-04MSD	29-SEPTICMSD	SVOC-PAH	50.08	N/A	ritesh	Evelyn	1	A		5
Q2941-01	SOIL-COMP(1-2)	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	D		6
Q2947-01	291	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		U1-1
Q2947-03	235	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		2
Q2949-01	367	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		3

RS 8/25

* **Extracts relinguished on the same date as received.**

16937c 8:55

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2949 **WorkList ID :** 191450 **Department :** Extraction **Date :** 08-25-2025 08:20:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2926-01	TR-04-08212025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	08/21/2025	8270E
Q2928-01	27-BELL	Solid	SVOC-TCL BNA -20	Cool 4 deg C	HERO01	D31	08/21/2025	8270E
Q2932-01	ARS20-0009	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	08/21/2025	8270E
Q2932-03	ARS20-0002-SOIL	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	08/21/2025	8270E
Q2932-05	ARS20-0002-CONCRETE	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	08/21/2025	8270E
Q2933-02	25-SEPTIC	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	08/21/2025	8270E
Q2933-04	29-SEPTIC	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	08/21/2025	8270E
Q2941-01	SOIL-COMP(1-2)	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D21	08/22/2025	8270E
Q2947-01	291	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/22/2025	8270E
Q2947-03	235	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/22/2025	8270E
Q2949-01	367	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/22/2025	8270E

Date/Time 08/25/25 8:50
Raw Sample Received by: RJ (EXT-Clb)
Raw Sample Relinquished by: JD (SM)

Date/Time 08/25/25 9:10
Raw Sample Received by: JD (SM)
Raw Sample Relinquished by: RJ (EXT-Clb)

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. Q2938
COC Number 2047907

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Hero Construction
ADDRESS: 27 Bell street
CITY Orange STATE: N.J. ZIP:
ATTENTION: Khadija Smith
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Residential soil Testing
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY SA STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 5-DAY TAT DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

1: Cyanide 2: EPH - F2 3: Pesticide - TCL 4: SVOC - TCL BNA - 20 5: VOC - TCL VOA - 10 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.	27 BELL	SOL	X		8.21.25	1306	4	X	X	X	X						
2.	1	1		X	1	1310	4					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

	DATE/TIME	RECEIVED BY
RELINQUISHED BY SAMPLER: 1.	8.21.2025 1324	1. Khadija Smith
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	8.21.2025 1730	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 3.9c °C
Comments: Equal volume of soil used, 5:1 composite

Page 1 of 1

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

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Residential Soil Testing
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 27 Bell Street Orange, N.J.

Chemtech Order ID:
Sampler Name: Lawrence Carter
Client Project Coordinator & Phone:

Page #: 1 of 1
Date: 8.21.2025
Arrive Time: 12:40
Depart Time: 1324

Waste Stream (circle one): drum / roll-off / (soil pile) / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe

Collection Depths:

Dimensions/CY: 222cy

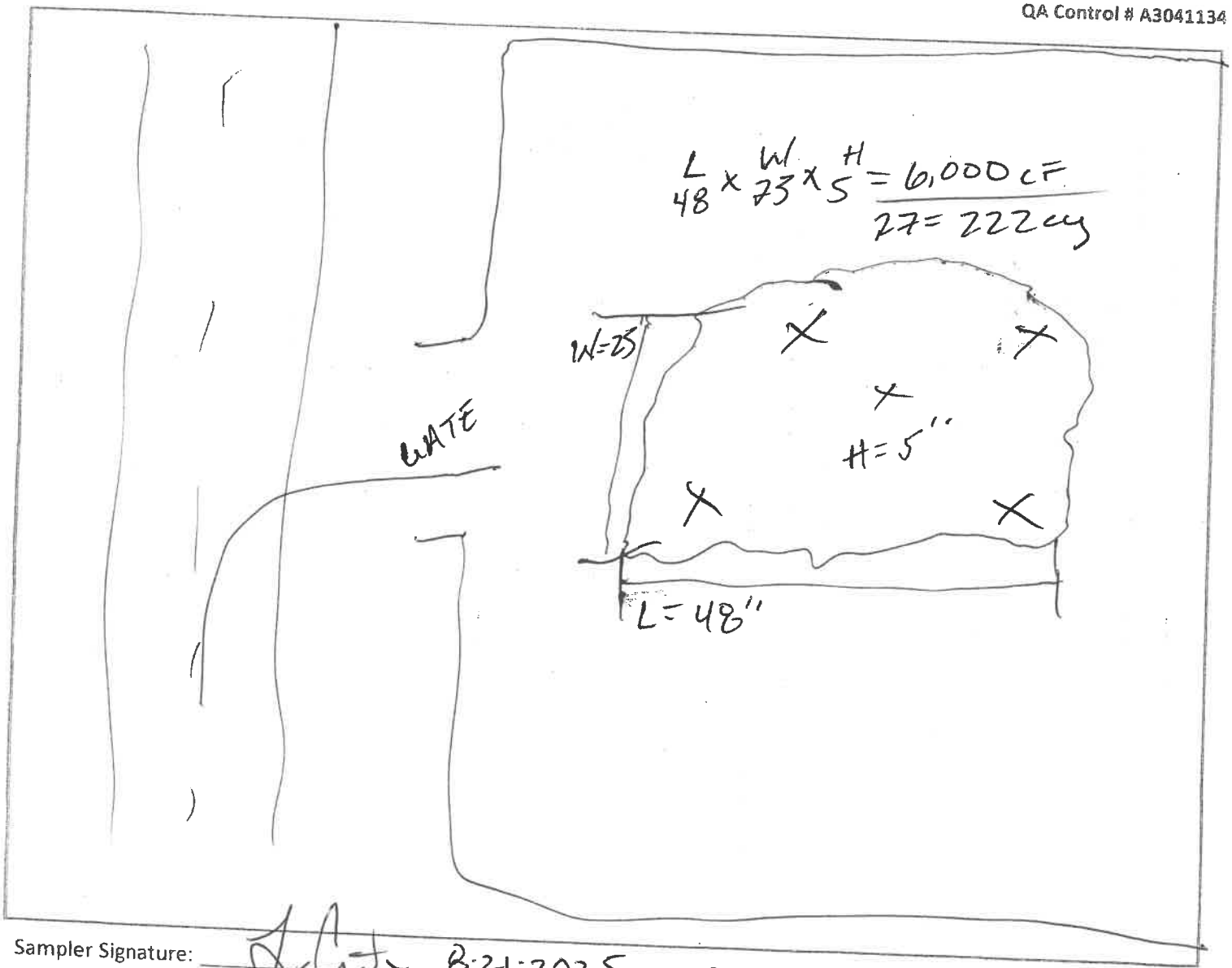
Temp (range): °C **PID Readings (range):** PPM **Odor:** Y / (N) **Color** (Y) N

Sample Description: Brown soil, rocks.

Field Observations: SAMPLED, 27 BELL.

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: 8.21.2025

Client Signature:

Supervisor Review/Date:

Date/Time Arrived at Lab:

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	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2928 HERO01
Client Name : Hero Construction
Client Contact : Khadija Smith
Invoice Name : Hero Construction
Invoice Contact : Khadija Smith

Order Date : 8/21/2025 12:10:14 PM
Project Name : Residential Soil Testing
Receive DateTime : 8/21/2025 ~~12:00:00 AM~~ 5:30 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2928-02	27-BELL	Solid	08/21/2025	13:10					
					VOC-TCLVOA-10		8260D		~~10~~ 5 Bus. Days

Grabs

Stored in VOA FRZ # 02

Relinguished By :
Date / Time : 8/22/25 845

Received By : Immaculata
Date / Time : 8/22/25 10:30 AM

Storage Area : VOA Refridgerator Room